

Department of Health and Human Services Public Health Services  <h2 style="margin: 0;">Grant Progress Report</h2>	Review Group	Type	Activity	Grant Number R24HD042849-06
	Total Project Period			
	From: 07/01/2007		Through: 06/30/2012	
	Requested Budget Period			
From: 07/01/2008				Through: 06/30/2009

1. TITLE OF PROJECT <b>Population Research Center</b>				
2a. PROGRAM DIRECTOR / PRINCIPAL INVESTIGATOR (Name and address, street, city, state, zip code) <b>Mark D. Hayward Population Research Center 1 University Station, G1800 The University of Texas at Texas Austin, TX 78712</b>		2b. E-MAIL ADDRESS <b>mhayward@prc.utexas.edu</b>		
		2c. DEPARTMENT, SERVICE, LABORATORY, OR EQUIVALENT <b>Population Research Center</b>		
		2d. MAJOR SUBDIVISION <b>College of Liberal Arts</b>		
3a. APPLICANT ORGANIZATION (Name and address, street, city, state, zip code) <b>Population Research Center 1 University Station G1800 The University of Texas at Austin Austin, TX 78712</b>		2e. Tel: <b>512-471-8382</b>		Fax: <b>512-471-4886</b>
		3b. Tel: <b>512-471-5514</b>		Fax: <b>512-471-4886</b>
3c. DUNS: <b>170230239</b>		4. ENTITY IDENTIFICATION NUMBER <b>746000203</b>		
		6. HUMAN SUBJECTS <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		
6a. Research Exempt <input type="checkbox"/> No <input type="checkbox"/> Yes		If Exempt ("Yes" in 6a): Exemption No.	If Not Exempt ("No" in 6a): IRB approval date	
6b. Federal Wide Assurance No. <b>00002030</b>		5. NAME, TITLE AND ADDRESS OF ADMINISTRATIVE OFFICIAL <b>Courtney D. Frazier, Assistant Director Office of Sponsored Projects P.O. Box 7726, North Office Bldg. 4.308, A9000 The University of Texas at Austin Austin, TX 78712</b>		
6c. NIH-Defined Phase III Clinical Trial <input type="checkbox"/> No <input type="checkbox"/> Yes		Tel: <b>512-471-6424</b>		Fax: <b>512-471-6564</b>
6d. E-MAIL: <b>osp@austin.utexas.edu</b>		10. PROJECT/PERFORMANCE SITE(S) Organizational Name: <b>Population Research Center</b> DUNS: <b>170230239</b>		
7. VERTEBRATE ANIMALS <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		7a. If "Yes," IACUC approval Date		
7b. Animal Welfare Assurance No. <b>4107-01</b>		8. COSTS REQUESTED FOR NEXT BUDGET PERIOD		
8a. DIRECT \$ <b>419,473</b>		8b. TOTAL \$ <b>627,176</b>		
9. INVENTIONS AND PATENTS <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Street 1: <b>1 University Station G1800</b>		
If "Yes," <input type="checkbox"/> Previously Reported <input type="checkbox"/> Not Previously Reported		Street 2: <b>The University of Texas at Austin</b>		
		City: <b>Austin</b>		County: <b>Travis</b>
		State: <b>Texas</b>		Province:
		Country: <b>USA</b>		Zip/Postal Code: <b>78712</b>
		Congressional Districts: <b>21</b>		
11. NAME AND TITLE OF OFFICIAL SIGNING FOR APPLICANT ORGANIZATION (Item 13) <b>Courtney D. Frazier</b>				
TEL: <b>512-471-6424</b>		FAX: <b>512-471-6564</b>		E-MAIL: <b>osp@austin.utexas.edu</b>
12. Corrections to Page 1 Face Page				
13. APPLICANT ORGANIZATION CERTIFICATION AND ACCEPTANCE: I certify that the statements herein are true, complete and accurate to the best of my knowledge, and accept the obligation to comply with Public Health Services terms and conditions if a grant is awarded as a result of this application. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties.			SIGNATURE OF OFFICIAL NAMED IN 11. (In ink)	DATE

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DETAILED BUDGET FOR NEXT BUDGET PERIOD – DIRECT COSTS ONLY COMPOSITE BUDGET		FROM 07/01/08		THROUGH 06/30/09	GRANT NUMBER 2 R24 HD042849-06	
PERSONNEL (Applicant organization only)		TYPE APPT. (months)	% EFFORT ON PROJ.	DOLLAR AMOUNT REQUESTED (omit cents)		
NAME	ROLE ON PROJECT			SALARY REQUESTED	FRINGE BENEFITS	TOTALS
Administrative Services Core				\$96,014	\$20,215	\$116,229
Computing and Information Services Core				\$112,335	\$27,052	\$139,387
Development Core				\$60,760	\$13,894	\$74,654
<b>SUBTOTALS</b> →				<b>\$269,109</b>	<b>\$61,161</b>	<b>\$330,270</b>
CONSULTANT COSTS						
Administrative Services Core			\$7,725			
Computing and Information Services Core			\$1,545			
Development Core			\$1,545			\$10,815
EQUIPMENT ( <i>Itemize</i> )						
No capital equipment is budgeted.						
SUPPLIES ( <i>Itemize by category</i> )						
Administrative Services Core			\$10,104			
Computing and Information Services Core			\$21,583			
Development Core			\$773			\$32,460
TRAVEL						
Administrative Services Core			\$4,635			
Computing and Information Services Core			\$3,090			
Development Core			\$6,180			\$13,905
PATIENT CARE COSTS		INPATIENT				
		OUTPATIENT				
ALTERATIONS AND RENOVATIONS ( <i>Itemize by category</i> )						
OTHER EXPENSES ( <i>Itemize by category</i> )						
Administrative Services Core			\$19,137			
Computing and Information Services Core			\$7,993			
Development Core			\$4,893			\$32,023
<b>SUBTOTAL DIRECT COSTS FOR NEXT BUDGET PERIOD</b>						<b>\$419,473</b>
CONSORTIUM/CONTRACTUAL COSTS		DIRECT COSTS				
		FACILITIES AND ADMINISTRATON COSTS				
<b>TOTAL DIRECT COSTS FOR NEXT PROJECT PERIOD</b> ( <i>Item 9a, Face Page</i> )						<b>\$419,473</b>

DETAILED BUDGET FOR NEXT BUDGET PERIOD – DIRECT COSTS ONLY ADMINISTRATIVE SERVICES CORE		FROM 07/01/08		THROUGH 06/30/09		GRANT NUMBER 2 R24 HD042849-06	
PERSONNEL (Applicant organization only)		Months Devoted to Project			DOLLAR AMOUNT REQUESTED (omit cents)		
NAME	ROLE ON PROJECT	Cal. Mnths	Acad. Mnths	Summer Mnths	SALARY REQUESTED	FRINGE BENEFITS	TOTALS
Mark D. Hayward-summer	Principal Investigator			1.5	\$30,324	\$5,458	\$35,782
Mark D. Hayward-academic	Principal Investigator		1.5		\$30,312	\$5,456	\$35,768
Mary D. De La Garza	Manager	1.74			\$11,257	\$2,668	\$13,925
To Be Named	Executive Training Coordinator	0.60			\$3,424	\$856	\$4,280
Meghan D. Thomson	Grants Management Specialist	1.56			\$6,510	\$1,725	\$8,235
To Be Named	Admin Assistant	1.56			\$3,310	\$1,079	\$4,389
Sylvia A. Celedon	Accounting Specialist	1.56			\$4,775	\$1,585	\$6,360
Adam J. Polanco	Research Administrator	1.56			\$4,688	\$1,360	\$6,048
To Be Named	Work Study Employees	0.72			\$1,414	\$28	\$1,442
<b>SUBTOTALS</b>					<b>\$96,014</b>	<b>\$20,215</b>	<b>\$116,229</b>
CONSULTANT COSTS							
Honoraria, airfare, per diem for Brown Bag speakers					\$6,695		
Experts to review core and make recommendations					\$1,030		\$7,725
EQUIPMENT (Itemize)							
SUPPLIES (Itemize by category)							
Computers					\$3,000		
Computer/Printer supplies and software					\$2,810		
General operating supplies					\$4,294		\$10,104
TRAVEL							
Director to NICHD Directors Meeting					\$1,545		
Manager to NICHD Administrators Meeting					\$1,545		
Executive Training Coordinator to NICHD Administrators Meeting					\$1,545		\$4,635
PATIENT CARE COSTS							
INPATIENT							
OUTPATIENT							
ALTERATIONS AND RENOVATIONS (Itemize by category)							
OTHER EXPENSES (Itemize by category)							
*DEFINE hookup fee		\$3,584	Photocopying	\$3,605			
Physical plant		\$721	Postage	\$1,545			
Stationery/envelopes		\$721	Staff training	\$1,854			
Equipment maintenance		\$515	Subscriptions	\$206			
Telephone rental, long distance, and fax		\$6,386					\$19,137
<b>SUBTOTAL DIRECT COSTS FOR NEXT BUDGET PERIOD</b>							<b>\$ 157,830</b>
CONSORTIUM/CONTRACTUAL COSTS							
DIRECT COSTS							
FACILITIES AND ADMINISTRATIVE COSTS							
<b>TOTAL DIRECT COSTS FOR NEXT PROJECT PERIOD (Item 8a, Face Page)</b>							<b>\$ 157,830</b>

DETAILED BUDGET FOR NEXT BUDGET PERIOD – DIRECT COSTS ONLY COMPUTER SERVICES CORE				FROM 07/01/08	THROUGH 06/30/09	GRANT NUMBER 2 R24 HD042849-06		
PERSONNEL (Applicant organization only)		Months Devoted to Project			DOLLAR AMOUNT REQUESTED (omit cents)			
NAME	ROLE ON PROJECT	Cal. Mnths	Acad. Mnths	Summer Mnths	SALARY REQUESTED	FRINGE BENEFITS	TOTALS	
Daniel A. Powers	Faculty Coordinator	1.00			\$8,646	\$2,231	\$10,877	
Steven A. Boren	Manager/Windows Systems Administrator	4.20			\$28,374	\$6,156	\$34,530	
Benjamin A. Laws	Unix Systems Administrator	0.00			No cost to R24 grant.			
Scott T. Shepherd	Operating Systems Specialist	4.20			\$17,422	\$4408	\$21,830	
Sarah A. McKinnon	Statistical Programmer	6.00			\$28,325	\$6,940	\$35,265	
Mark Boze	Operating Systems Specialist	3.96			\$13,654	\$3,482	\$17,136	
Kristine L. Hopkins	Webmaster	3.00			\$15,914	\$3,835	\$19,749	
<b>SUBTOTALS</b>					<b>\$112,335</b>	<b>\$27,052</b>	<b>\$139,387</b>	
CONSULTANT COSTS								
Experts to consult on technical issues		\$1,545						\$1,545
EQUIPMENT ( <i>Itemize</i> )								
SUPPLIES ( <i>Itemize by category</i> )								
Computers	\$6,000	Network accessories	\$1,000					
Printer supplies	\$4,400	General operating supplies	\$1,683					
Network Storage	\$2,500	Manuals	\$500					
Network Software	\$5,500						\$21,583	
TRAVEL								
Manager to PAA Users Group Meeting		\$1,545						
Windows Systems Administrator to PAA Users Group Meeting		\$1,545						\$3,090
PATIENT CARE COSTS								
		INPATIENT						
		OUTPATIENT						
ALTERATIONS AND RENOVATIONS ( <i>Itemize by category</i> )								
OTHER EXPENSES ( <i>Itemize by category</i> )								
Equipment Maintenance	\$800							
Staff training	\$3,500							
Photocopying	\$750							
Postage	\$300							
Telephone rental, long distance, and fax	\$2,643						\$7,993	
<b>SUBTOTAL DIRECT COSTS FOR NEXT BUDGET PERIOD</b>						<b>\$</b>	<b>\$173,598</b>	
CONSORTIUM/CONTRACTUAL COSTS								
				DIRECT COSTS				
				FACILITIES AND ADMINISTRATIVE COSTS				
<b>TOTAL DIRECT COSTS FOR NEXT PROJECT PERIOD</b> ( <i>Item 8a, Face Page</i> )						<b>\$</b>	<b>\$173,598</b>	

DETAILED BUDGET FOR NEXT BUDGET PERIOD – DIRECT COSTS ONLY DEVELOPMENT CORE		FROM 07/01/08	THROUGH 06/30/09	GRANT NUMBER 2 R24 HD042849-06			
PERSONNEL (Applicant organization only)		Months Devoted to Project			DOLLAR AMOUNT REQUESTED (omit cents)		
NAME	ROLE ON PROJECT	Cal. Mnth	Acad. Mnth	Summer Mnth	SALARY REQUESTED	FRINGE BENEFITS	TOTALS
Stephen J. Trejo	Faculty	1.00			\$8,718	\$2,075	\$10,793
<b>PRC Proposal Bootcamp</b>							
Seed Project No. 1	PI	1.00			\$4,976	\$1,095	\$6,071
Seed Project No. 1	GRA	1.00			\$3,003	\$711	\$3,714
Seed Project No. 2	PI	1.00			\$4,976	\$1,095	\$6,071
Seed Project No. 2	GRA	1.00			\$3,003	\$711	\$3,714
Seed Project No. 3	PI	1.00			\$4,976	\$1,095	\$6,071
Seed Project No. 3	GRA	1.00			\$3,003	\$711	\$3,714
Seed Project No. 4	PI	1.00			\$4,976	\$1,095	\$6,071
Seed Project No. 4	GRA	1.00			\$3,003	\$711	\$3,714
<b>Level 1 Interdisciplinary Projects</b>							
Seed Project No. 1	Hourly GRA	0.571			\$1,666	\$395	\$2,061
Seed Project No. 2	Hourly GRA	0.571			\$1,666	\$395	\$2,061
Seed Project No. 3	Hourly GRA	0.571			\$1,666	\$395	\$2,061
<b>Level 2 Interdisciplinary Projects</b>							
Seed Project No. 1	PI	1.000			\$6,864	\$1,510	\$8,374
Seed Project No. 1	Co-Investigator	0.500			\$3,214	\$703	\$3,917
Seed Project No. 1	GRA	1.681			\$5,050	\$1,197	\$6,247
<b>SUBTOTALS</b>					<b>\$60,760</b>	<b>\$13,894</b>	<b>\$74,654</b>
CONSULTANT COSTS							
<b>Level 1 Interdisciplinary Projects</b>							
Three Level 1 Projects x \$515 each							\$1,545
EQUIPMENT ( <i>Itemize</i> )							
SUPPLIES ( <i>Itemize by category</i> )							
<b>Level 1 Interdisciplinary Projects</b>							
Three Level 1 Projects x approx \$257 each							\$773
TRAVEL							
<b>Level 1 Interdisciplinary Projects</b>							
Three Level 1 Projects x \$2,060 each							\$6,180
PATIENT CARE COSTS		INPATIENT					
		OUTPATIENT					
ALTERATIONS AND RENOVATIONS ( <i>Itemize by category</i> )							
OTHER EXPENSES ( <i>Itemize by category</i> )							
<b>PRC Proposal Boot Camp</b>							
Tuition remission: 4 Seed Projects x \$500/each = \$2,000							
<b>Level 1 Interdisciplinary Projects</b>							
Copying/long distance: 3 Level 1 Projects x \$275/each = \$825							
<b>Level 2 Interdisciplinary Projects</b>							
Tuition remission: 1 Seed Project x \$2,068							\$4,893
<b>SUBTOTAL DIRECT COSTS FOR NEXT BUDGET PERIOD</b>							<b>\$ 88,045</b>
CONSORTIUM/CONTRACTUAL COSTS		DIRECT COSTS					
		FACILITIES AND ADMINISTRATIVE COSTS					
<b>TOTAL DIRECT COSTS FOR NEXT PROJECT PERIOD (<i>Item 8a, Face Page</i>)</b>							<b>\$ 88,045</b>

## D. BUDGET JUSTIFICATION

NICHD's R24 support has been instrumental in providing the foundation for the PRC's outstanding trajectory of scientific accomplishment and extramural support in the last grant cycle. Continued R24 support, in partnership with strong support by the University of Texas at Austin, is essential for the PRC to continue building on its many accomplishments.

As allowed by NICHD guidelines, all categories were increased by 3% for each year subsequent to the base year of \$407,254 to cover incremental salary increases and inflation.

### D.a. Administration Core

The salaries for the Administration Core are extensively augmented by The University of Texas at Austin via the reallocation of indirect costs earned from PRC projects back into the PRC. During fiscal year 2007-08, the PRC was awarded \$172,473 to be used towards the salaries of the administrative staff.

#### Personnel

Principal Investigator and Director: Mark D. Hayward (1.5 summer months, 1.5 months academic months) has overall responsibility for the management of the UT Population Research Center and the R24 center's grant. As director, he sets programmatic and service priorities within the center. Hayward oversees and promotes the development of the PRC's intellectual environment including identifying emerging scientific initiatives, developing strategies to foster collaborative and interdisciplinary research, and identify service needs. A priority of the director is to serve as the institutional conduit through which the value of the population sciences is communicated and expanded throughout the University of Texas academic community. Hayward is actively engaged in on-going discussions with key department heads, the deans of UT's major colleges, and the provost, discussing the centrality of the population sciences in building outstanding social science departments and the strategies to do so; he also serves on a university-wide council of center directors and research administrators that advises the Vice President for Research in the development of interdisciplinary research and research administrative practices. The PRC's director provides administrative oversight over all scientific activities in the center, coordinates support activities across the cores, evaluates the appropriate balance of support services based on faculty demand and fiscal constraints, and oversees the development of new support services and the elimination of services no longer in demand. Finally, Hayward facilitates the formation of research projects, conducts meetings and workshops to facilitate grant proposal development, promotes research in the signature themes of the center, and assists junior faculty members in the successful completion of grant applications and research projects with a focus on the NICHD mission. Multidisciplinary links are strongest, but not limited to, faculty within the Department of Human Ecology (Natural Sciences), the School of Social Work, the Department of Economics (Liberal Arts), the Department of Sociology (Liberal Arts), the Lyndon B. Johnson School of Public Affairs, the Department of Anthropology (Liberal Arts), and the Department of Geography and the Environment (Liberal Arts). The Dean of the College of Liberal Arts provides Hayward with a 50% course reduction for the directorship duties and the Office of the Provost some summer salary.

Manager, Administration Core: Mary D. de la Garza (1.74 months) has overall responsibility for the day-to-day operations of the core. She has a BA in sociology and organizational management. She has over 20 years experience at UT, 5 of which were in the Population Research Center and as a manager and supervisor. De la Garza is the primary liaison between the core, outside agencies, and the UT administration regarding grant preparation and management, areas of expertise where her work is extremely well received and valued by the PRC community. She prepares reports and assists the Director and R24 researchers in numerous ways to facilitate grant preparation, grants management, and reporting. De la Garza oversees the PRC's compliance to sponsor and university regulations in administrative and financial matters. De la Garza also provides the administrative support for the PRC Brownbag and administers the allocation of PRC space. Finally, she assists in the development and utilization of resources to meet the long-term needs of the PRC and its researchers and serves on several UT ad hoc committees to evaluate research services. The remaining 10.26 months of her salary is covered by other PRC sources.

Executive Training Coordinator: To Be Named (0.60 months). The executive training coordinator will have overall administrative responsibility for the PRC's day-to-day training related activities in the PRC. The principle duties are to assist the PRC training director, Kelly Raley, and in developing the graduate and undergraduate training programs and grants. This person will be the PRC liaison with UT's graduate school and graduate programs in academic units as well as with funding agencies supporting the PRC training mission and graduate student research. A key part of this position is to maintain data on trainees and placements; and to assist in developing long-range plans to effectively recruit into and enhance the programs. The remaining 11.4 months of this salary will be covered by other PRC sources.

Grants Management Specialist: Meghan D. Thomson (1.56 months) has a BA in government and years of editing and writing experience. Thomson's overall responsibility is to provide pre-award services to the PRC faculty for developing extramural grant applications. In addition to grant applications, she coordinates report and IRB submissions for the Center's research activities and maintains project abstracts on the web. The remaining 10.44 months of her salary is covered by other PRC sources. This position was temporarily filled by Carmen W. Wallace for 4.16 months before being filled/replaced by Thomson.

Administrative Assistant: To Be Named (1.56 months). The administrative assistant will assist the grants management specialist to coordinate the submission of over 75 grant applications each year, as well as assist the Faculty Research Associates with their annual and final reports, and their IRB applications and amendments. The remaining 10.44 months of this salary will be covered by other PRC sources.

Accounting Specialist: Sylvia A. Celedon (1.56 months) has held administrative accounting positions with Texas state agencies and UT since 2000, and she is working on her BA degree in economics. Celedon's primary responsibility is to provide post-award financial support to funded faculty research projects. Her responsibilities include monthly reconciliation of all PRC operational and grant accounts against UT's records; monthly preparation of financial reports to PIs, the Director, the Undergraduate and Graduate training directors, the Executive Training Coordinator, and the core managers; and, preparation of financial reports to foundations that fund PRC projects. Celedon is also responsible for requesting pre-award credits and no-cost extensions. Celedon maintains the PRC's copier access and long distance access codes. She also monthly bills cores and projects utilizing copier services. Finally, Celedon prepares payments to subcontractors and other non-UT vendors providing services to PRC projects. The remaining 10.44 months of Celedon's salary is covered by other PRC sources.

Research Administrator: Adam J. Polanco (1.56 months) has over 15 years of experience in administrative support activities at UT-Austin. He assists Celedon in providing post-award support to PRC faculty. His primary responsibilities are in the area of personnel appointments and recordkeeping, purchasing, and vouchering. A key component of his responsibilities is to assist new PRC employees, particularly hourly interviewers, coders, and transcribers with preparing mandatory paperwork to receive compensation or reimbursement. Polanco also assists researchers in arranging UT services for projects and the subsequent payment. Finally, Polanco assists PIs and their research staff with travel authorizations, arrangements, and reimbursements. Approximately 500 individuals are provided services through the Administration Core each year. The remaining 10.44 months of Polanco's salary is covered by other PRC sources.

Work Study Students: To Be Named (0.72 months). These individuals assist in maintaining administrative and reporting files for research and training grants and run campus errands to facilitate administrative work for the projects. These employees also distribute mail, provide copying and fax support to staff and projects, and assist with other routine administrative tasks such as maintaining databases. The majority of the work study costs are paid by other PRC and university sources.

### **Fringe Benefits**

Grant or Contract awardees are responsible for the actual fringe benefits incurred by each employee. The Department of Health and Human Services no longer negotiates fringe benefits rates. Fringe benefits costs have been calculated based on historical data. Actual costs for fringe benefits are charged (billed) to the

sponsored project at the time the cost is incurred, based on salary, selected benefits package and other variables applicable to the individual employee.

### **Consultant Costs**

We request \$6,695 each year for the PRC's Brown Bag Series. The Brownbag Series is an incredibly important asset to the PRC in helping to stimulate new research at the PRC, new collaborations, ties to other population research centers, and, in general, to build social capital. These funds are used to invite experts, in areas related to the PRC's research signature themes, to participate and present at the PRC's weekly seminar series. The expenses of most speakers are cost-shared with other on-campus seminar series and workshops, or with research projects on which a speaker is also serving as a consultant or collaborator. Another \$1,030 is budgeted for the purpose of hiring experts to review and make recommendations for ways to improve core services and to streamline workflow.

### **Equipment**

No funds for capital equipment are requested.

### **Supplies**

Funds are requested each year for computers used by administrative staff (\$3,000); computer and printer supplies (paper, toner, diskettes, zip disks, and software upgrades (\$2,810); and general operating supplies (calculators, writing pads, file folders, binders, pens, pencils, staplers, organizers, fax supplies, and binding supplies) (\$4,294). Supplies and funding are based on historical usage patterns and provide fundamental support for R24 projects. Project-related and training supplies are provided from the appropriate project, core, or program budgets.

### **Travel**

Beginning with the first year, funds are requested for the Director to attend the annual NICHD Center Directors Meeting as well as other meetings where the Director's presence is required (\$1,545). Funding for Mary de la Garza (\$1,545) and the executive training coordinator (\$1,545) to attend the NICHD Administrator's Meeting in Washington DC is also requested.

### **Other Expenses**

We are requesting funds for the annual hookup fee to the university's \*DEFINE system (\$3,584); physical plant charges (name plates and relocation or removal of equipment) (\$721); equipment maintenance (maintenance contracts or replacements for fax, printers or typewriters) (\$515); photocopying costs (per copy costs includes rental, maintenance, toner, and paper) (\$3,605); postage for the dissemination of notices and to meet university requirements for processing payments for purchases, consultants, and collaborators (\$1,545); staff training costs for administrative or software applications courses (\$1,854); telephone equipment rental for the core and R24 project offices and long distance costs for core staff and the Director (\$6,386); stationery (the cost of printing envelopes and stationery used by core personnel (\$721); and publications/subscriptions for software application manuals or subscriptions (\$206).

### **D.b. Computing and Information Services Core**

#### **Personnel**

Faculty Coordinator: Daniel A. Powers (1 month) oversees the Computing and Information Services Committee, which meets weekly to consider and resolve issues facing the Computing and Information Services Core and the research users. Topics of discussion include maintenance and expansion of the Unix and Windows networks; allocation and prioritization of computing resources among many users; proactive approaches to common problems encountered by users; and development of new services or directions needed to enhance and to facilitate research. The remaining 11 months of Powers' salary comes from research projects on which he serves as PI or Co-PI and the academic budget of the Department of Sociology.

Manager, Computing Services and Windows Systems Administrator: Steven A. Boren (4.2 months) implements the policies of the Director and Faculty Governance Committee, manages and prioritizes staff workload, and develops plans for expansion and improvements to the core. He supervises and coordinates activities among technical staff who have disparate duties. Boren interviews and hires new staff and evaluates, trains, and provides development opportunities for current staff. He trains and consults with project personnel to improve data management and programming techniques. Boren also configures and maintains the several Windows operating system servers and the departmental firewall. This includes researching, acquiring, installing and configuring hardware, peripherals, and system software. He oversees Windows network system services, such as setting up accounts, monitoring system usage, and troubleshooting system and configuration problems. Boren assists in planning for future upgrades and in training other section staff to serve as backup to the Windows system. Boren designs, implements and maintains various databases used by PRC core staff and assists the Webmaster with technical issues. Finally, Boren serves as the PRC's computing liaison on multidisciplinary projects. The remaining 7.8 months Boren's salary is covered by other PRC sources.

Unix Systems Administrator: Benjamin A. Laws (zero cost to the R24) maintains and documents the Unix servers and network. This includes researching, acquiring, installing and configuring hardware, peripherals, and system software. Laws also maintains system security and integrity, keeping the system services patched, secured and updated. He installs, configures and updates user software such as SAS, STATA, and SUDAAN. Laws provides services to the administration of the Unix system. These include setting up accounts, monitoring system usage, backing up and restoring system and user files, and troubleshooting system and configuration problems. Laws assists in planning for future upgrades. The Office of the Provost provides 100% funding for this position.

Operating Systems Specialist: Scott T. Shepherd (4.2 months) provides technical support, including hardware and software setup, to approximately 250 microcomputers used by PRC staff, faculty, and project personnel. He troubleshoots PC configuration and application problems and maintains and documents the microcomputer systems. User software applications include Windows XP, Windows 2000, Microsoft Word, Excel, PowerPoint, Outlook, and a variety of utility and statistical packages. Shepherd trains on-site personnel in the use of PC equipment and software and provides phone support to remote users. Shepherd maintains, organizes, and upgrades the software and device driver library. He writes technical documentation as appropriate and reprints Tech-tips as needed. Shepherd maintains and tracks equipment and other materials available for checkout to PRC staff and researchers. He assists the Windows Systems Administrator, backing up and restoring systems and user files, maintaining the computer inventory database and preparing associated reports. He assists the Administrative Services Core in the annual physical inventory of computers and in coordinating pickup of surplus items. Finally, Shepherd maintains the networked printers on the six floors of the PRC and orders replacement supplies. The remaining 7.8 months of Shepherd's salary is covered by other PRC sources.

Operating Systems Specialist: Mark Boze (3.96 months) has a BS in business administration and high technology management. He also has Microsoft certifications in systems engineering and systems administration. Boze assists Shepherd with the set up and maintenance of the desktop computers, laptop computers, and printers at the PRC. He provides technical support, including hardware and software setup, to PRC staff, faculty, and project personnel. He trains both on-site and remote personnel in the use of equipment and software and provides support as needed. He maintains, organizes, and upgrades the software library, obtains and installs device drivers, writes technical documentation and updates *Tech-tips* for the PRC website. He maintains and tracks equipment, manuals, codebooks and other materials available for checkout to PRC researchers. The remaining 8.04 months of Boze's position is covered by other PRC sources.

Statistical Programmer: Sarah McKinnon (6 months) provides statistical programming. She is beginning to design and develop an interactive data based web interface. She will acquire, verify, and document demographic datasets. McKinnon maintains data catalogs and user information files and assists researchers with statistical analysis using SAS. She addresses user problems and responds to requests in person and via email. The remaining 6 months of McKinnon's salary will be covered by other PRC sources.

Webmaster: Kristine L. Hopkins (3 months) has coordinated a major renovation of the PRC Web site and continues to coordinate activities to upgrade and maintain it. This effort includes design and development of new Web pages as needed, as well as coordination among other faculty and staff to keep the Web site contemporary, relevant, and appealing. Hopkins ensures accuracy, design continuity, and link integrity, and works with the Administrative Services Core to update the PRC News, Project, Training, and Personnel sections frequently and remove outdated material as needed. She serves as the contact and follow-up person for changes requested by PRC faculty, staff and students, and executes modifications requested by the Director and the core managers. Finally, Hopkins responds to email addressed to "Webmaster." The remaining 3 months of Hopkins' salary comes from research projects on which she serves as PI or Co-PI and the academic budget of the Department of Sociology.

### **Fringe Benefits**

Grant or Contract awardees are responsible for the actual fringe benefits incurred by each employee. The Department of Health and Human Services no longer negotiates fringe benefits rates. Fringe benefits costs have been calculated based on historical data. Actual costs for fringe benefits are charged (billed) to the sponsored project at the time the cost is incurred, based on salary, selected benefits package and other variables applicable to the individual employee.

### **Consultant Costs**

Consulting funds of \$1,545 per year are requested to assist the Computing and Information Services Core with highly technical issues and problems regarding the computing systems and software of the PRC.

### **Equipment**

No funds for capital equipment are requested. Upgrade and replacement of PRC servers is provided by the Office of the Provost.

### **Supplies**

Funds are requested for computers used by core staff (\$6,000); printer supplies (paper and toner) needed to support networked printers for projects and staff (\$4,400); computer supplies (cartridges, tapes, and diskettes) to conduct backups and to provide off-line storage (\$2,500); software licenses and purchases for statistical and utilities programs for the UNIX and the Windows networks (\$5,500); network accessories (cables, adaptors, and surge protectors) to secure and maintain connectivity (\$1,000); manuals and technical documentation (\$500); and general operating supplies (writing pads, storage supplies, organizers and folders for documentation and dissemination of materials) (\$1,683). Supplies and funding are based on historical usage patterns and provide fundamental support for R24 projects. Project-related and training supplies are provided from the appropriate project, core, or program budgets.

### **Travel**

Funds are requested for Steve Boren and the windows systems network and administrator (\$1,545/each) to attend the annual meeting of the Population Association of America.

### **Other Expenses**

We request additional funds for the normal operations of the Computing and Information Services Core. These items include the cost of copying printed technical documentation to allow researchers to prepare grant applications and plan analysis (\$750); telephone equipment rental and long distance costs necessary to communicate with vendors and researchers and to provide remote access (\$2,643); training and registration costs for core staff to attend off-site technical training (\$3,500); postage to mail documents and electronic media to researchers (\$300); and, equipment maintenance to support regular maintenance and repairs to printers (\$800). Maintenance for desktop computers is rarely needed, as all PRC computers are purchased with a three-year warranty.

## D.c. Development Core

In terms of structure, the budgeted activities of the Development Core are divided into two areas. The first of these is the **PRC Proposal Boot Camp**, which is directed toward junior faculty or other faculty who have not yet served as a principal investigator on a federally funded grant. Each spring the PRC distributes a call for seed grant proposals that will support the researcher for a short period of time while preparing a grant application, which is viewed as the deliverable of the seed grant. Recipients attend the summer boot camp where they receive training on grant-writing, obtain advice from senior faculty, and receive feedback on proposal drafts. By the end of the boot camp, the researcher should have a working draft of his/her proposal. A condition of the seed grant is that the resulting external application must be submitted through the PRC, preferably to NIH or NSF, within a one-year period. Approximately four awards are made each year, averaging \$10,000. Expenses for the PRC Proposal Boot Camp seed projects are budgeted under salaries, fringe, and tuition remission.

The second budgeted activity concerns seed funds that are primarily directed toward faculty who have served as PIs on federal grants and who wish to develop an interdisciplinary collaborative research effort that will ultimately culminate in cutting edge research with the potential to significantly advance the field. These awards are divided into two types: Level 1 and Level 2.

**Level 1 funding** is intended to provide support for the creation of interdisciplinary networking groups. In order for interdisciplinary research to develop, researchers from various disciplines need to meet and discuss mutual interests, develop research questions, identify team leaders, and divide responsibilities. Level 1 funding can be used to pay for meetings, graduate assistant time, consultant time and travel, and travel related to the formation and on-going activity of the networking groups. We anticipate making an average of three Level 1 awards annually in the amount of approximately \$5000 each. Level 1 funding can occur at any time, due either to the emerging interests of PRC researchers or an extant reason such as an RFA. Expenses for the Level 1 seed projects are budgeted under salaries and fringe (to be paid as hourly graduate assistants), tuition, consultants, travel, supplies, and other expenses.

**Level 2 funding** will be provided for interdisciplinary projects that have already developed specific research questions, a well-conceived theoretical basis, an identified team of collaborators, and significant potential to gain external funding. The Level 2 awards are designed to help researchers who need to assemble a large research team, amass a number of data sets for analysis, field test methods or measures, and/or who need to conduct extensive preliminary research prior to submission. Level 2 funding can be sought on its own accord or develop from Level 1 awards. The PRC proposes to award one Level 2 award each year up to \$20,000. Expenses for Level 2 awards are budgeted under salaries, fringe, and tuition remission. As with the Level 1 awards, Level 2 proposals will be evaluated by the Director and Associate Director, with input from other PRC researchers with relevant expertise. Funding will be limited to projects that have a potentially major impact on the growth of the PRC and on population research in general and which involve cross-department and/or cross-college collaborations.

In terms of financial support to the seed projects, the budget for the Development Core is based on the most common types of activities to be funded, such as faculty and GRA salaries, travel for collaboration, etc.

## Personnel

Faculty Coordinator: Stephen J. Trejo (1 month) serves as the Associate Director of the PRC. He is an Associate Professor in the Department of Economics and currently has a grant award from the National Institute of Child Health and Human Development. He will be the PI for a subcontract on a study at Harvard University from the Smith Richardson Foundation concerning Hispanic Integration in the United States. Trejo will coordinate the Seed Grant Program. He will assist the Director in disseminating information for the call for seed grant proposals associated with the PRC Summer Boot Camp. He will also assist the Director in evaluating proposals for award, running the boot camp, soliciting experts to speak, and evaluating the applications as they progress. For the PRC Summer Boot Camp he will direct his efforts toward junior faculty

developing R03 or R01 applications. For the Level 1 and Level 2 awards he will assist the Director in evaluating applications and he will direct his efforts to senior faculty who wish to develop a new line of collaborative research or who are undergoing the development of a large, complex project to be submitted to NICHD. He will coordinate the internal review process for smaller pilot projects and will employ external reviewers to evaluate larger pilot projects for feasibility and significance to the field and the NICHD mission. The remaining 11 months of Trejo's salary comes from research projects on which he serves as PI or Co-PI and the academic budget of the Department of Sociology.

Seed Project PIs and Research Assistants: Funds are requested to provide salary support to faculty members and graduate research assistants who will work on seed projects and who will develop the projects into grant applications to NIH, NSF, or a major foundation. It is estimated that the PRC will fund up to four seed projects each year as part of the PRC Boot Camp. Salary support for the principal investigators of the PRC Boot Camp will typically be 1 month effort and the graduate research assistants working on the PRC Boot Camp projects are also budgeted at 1 month effort.

In terms of salary support for three Level 1 interdisciplinary projects, we budget one hourly research assistant for each project at an estimated 0.57076 month effort.

For the Level 2 awards, we budget one principal investigator position at one month, one co-investigator position at 1/2 month effort, and one graduate research assistant position at 1.68096 month effort.

As part of the salary support to the four PRC Boot Camp projects and the Level 2 award, we will utilize the five \$1,000 Training Grant Supplemental Fellowship awards provided by UT's Office of Graduate Studies to augment support to the graduate research assistants working on these projects.

### **Fringe Benefits**

Grant or Contract awardees are responsible for the actual fringe benefits incurred by each employee. The Department of Health and Human Services no longer negotiates fringe benefits rates. Fringe benefits costs have been calculated based on historical data. Actual costs for fringe benefits are charged (billed) to the sponsored project at the time the cost is incurred, based on salary, selected benefits package and other variables applicable to the individual employee.

### **Consultant Costs**

We budget three outside consultants or reviewers for each of the Level 1 interdisciplinary seed projects. These are budgeted at \$515/each for a total of \$1,545/year.

### **Equipment**

No funds for capital equipment are requested.

### **Supplies**

General research supplies, such as computer and printer supplies, reference materials, data, and other materials are requested at approximately \$257 for each of the Level 1 interdisciplinary projects for a total of \$773 in year one.

### **Travel**

\$2,060/project is budgeted for travel for each Level 1 seed project for a total of \$6,180 in the first year. The travel allowance is requested for PIs to travel to off-site locations for collaboration and development of a project, to seek additional technical expertise, or to consult with non-UT experts in the area of research.

### **Other Expenses**

Funds are requested for photocopying and long distance charges needed to develop Level 1 seed projects. This is budgeted at \$275/project for a total of \$825. In addition, we budget \$500 in tuition remission for each of

the four PRC Boot Camp Seed Projects (subtotal \$2,000) and \$2,068 in tuition remission for the Level 2 seed award. The Office of the Vice President and Dean of Graduate Studies will provide five \$1,000 Training Grant Supplemental Fellowship awards to be allocated toward graduate students working on seed projects. Students receiving the fellowships will be eligible for in-state tuition, which will provide an approximate \$7,000/annual savings for each award. It is UT policy to include tuition remission on grant applications to provide comparable compensation to graduate research assistants as that provided to teaching assistants. The \$4,068 budgeted for tuition remission will supplement the fellowship support awarded by the Office of the Vice President and Dean of Graduate Studies.

**BIOGRAPHICAL SKETCH**

<b>NAME</b> Brian H. King	<b>POSITION TITLE</b> Assistant Professor, Department of Geography and the Environment, The University of Texas at Austin
<b>eRA COMMONS USER NAME</b>	

**EDUCATION/TRAINING**

<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Bucknell University, Lewisburg, PA	BA	1995	Environmental Studies
University of Colorado, Boulder, Boulder, CO	MA	1999	Geography
University of Colorado, Boulder, Boulder, CO	PhD	2004	Geography

**A. POSITIONS AND HONORS****Positions and Employment**

1998-2004	Research Assistant, Department of Geography, University of Colorado, Boulder, Boulder, CO
1999-2003	Graduate Part-time Instructor, Department of Geography, University of Colorado, Boulder, Boulder, CO
2004-Present	Assistant Professor, Department of Geography and the Environment, The University of Texas at Austin, Austin, TX
2007-Present	Faculty Research Associate, Population Research Center, The University of Texas at Austin, Austin, TX

**Honors, Other Experience, and Professional Memberships**

2001	Presenter, <i>The Political Ecology of Governance in Post-Apartheid South Africa: Assessing Resource Access and Institutions in the Former Homelands</i> , annual meeting, Association of American Geographers, New York, NY
2002	Invited Presenter, <i>Livelihood Mapping in the Former KaNgwane Homeland, South Africa</i> , Department of Geography, University of Pretoria, Pretoria, South Africa
2002	Invited Presenter, <i>Household Livelihoods and Community Conservation in KaNgwane</i> , Monash University, Monash, South Africa
2003	Presenter, <i>Placing KaNgwane: Evaluating Livelihood Geographies in a Former South African Homeland</i> , annual meeting, Association of American Geographers, New Orleans, LA
2003	Invited Presenter, <i>Community Conservation in the New South Africa: Lessons for Development Planning</i> , Environmental Studies Program, Bucknell University
2003	Invited Presenter, <i>Placing KaNgwane: Evaluating Livelihood Geographies in a Former South African Homeland</i> , Environmental Studies Program, University of Chicago
2003	Invited Presenter, <i>Livelihood Mapping in the Former South African Homeland: A Case Study of Public Participation GIS</i> , Colgate University
2004	Presenter, <i>Spaces of Change: Tribal Authorities in the Former KaNgwane Homeland, South Africa</i> , Breslauer Symposium on Natural Resources in Africa, University of California, Berkeley
2004	Presenter, <i>Conservation and Community in the Former KaNgwane Homeland: A Case Study of the Mahushe Shongwe Game Reserve, South Africa</i> , annual meeting, Association of American Geographers, Philadelphia, PA
2004	Invited Reviewer, Conservation and Exploration Program, National Geographic Research
2004	Invited Presenter, <i>Envisioning Development in the Former KaNgwane Homeland, South Africa</i> , Environmental Justice Conference, Rutgers University
2005	Presenter, <i>Mapping Livelihoods in the Former KaNgwane Homelands, South Africa</i> , annual meeting, Association of American Geographers, Denver CO
2005	Presenter, <i>Post-Conflict Development, International Development Studies Conference</i> , Boulder, CO
2005	Invited Reviewer, Guilford Publications
2005-2006	Director, Developing Areas Specialty Group, Association of American Geographers
2006-2007	Vice Chair, Developing Areas Specialty Group, Association of American Geographers
2006	Invited Reviewer, National Science Foundation
2006	Presenter, <i>Developing KaNgwane: Geographies of Segregation and Integration in the New South Africa</i> , Race, Ethnicity, and Place Conference, San Marcos, TX

2007	Recipient, Jean Holloway Award for Excellence in Teaching, The University of Texas at Austin
2007	Presenter, <i>No One Dies of AIDS': Political Ecologies of Health in Rural South Africa</i> , annual meeting, Association of American Geographers, San Francisco, CA
2007	Panel Discussant, <i>Livelihoods in a Neoliberal World</i> , discussion panel session, International Development Conference, Berkeley, CA
2007	Finalist, Friar Society Centennial Teaching Fellowship, The University of Texas at Austin
2007	Nominee, President's Associates Teaching Award, The University of Texas at Austin
2007	Invited Presenter, <i>Geographies and Conservation in the Developing World</i> , Honors Colloquium, College of Liberal Arts, The University of Texas at Austin
2007	Invited Reviewer, Wildlife Conservation Society
2007-2008	Member, International Research and Scholarly Exchange Committee, Association of American Geographers
2007-2008	Chair, Developing Areas Specialty Group, Association of American Geographers
Present	Member, Cultural and Political Ecology and Developing Areas specialty groups, Association of American Geographers
Present	As hoc Reviewer: <i>Geoforum; Environment and Planning A; Human Organization; Journal of Political Ecology; Human Ecology; Geography Compass; Conservation &amp; Society; Society &amp; natural Resources; African Geographical Review; Landscape and Urban Planning; Political Geography; Ethics, Place and Environment; Urban Affairs Review; Urban Geography; World Development; Environmental Science and Policy; Journal of Environmental Management; Regional Studies</i>

#### **B. SELECTED PEER-REVIEWED PUBLICATIONS**

- King, B.H. 2002. Towards a Participatory GIS: Evaluating Case Studies of Participatory Rural Appraisal and GIS in the Developing World. *Cartography and GIS* 29(1):43-52.
- King, B.H. 2004. The State of NGOs in Post-Apartheid South Africa: Changing Roles in Conservation and Development. *African Geographical Review* 23:65-84.
- King, B.H. 2005. Spaces of Change: Tribal Authorities in the Former KaNgwane Homeland, South Africa. *Area* 37(1):64-72.
- King, B.H. 2006. Placing KaNgwane in the New South Africa. *The Geographical Review* 96(1):79-96.
- King, B.H. 2007. Conservation and Community in the New South Africa: A Case Study of the Manhushe Shongwe Game Reserve. *Geoforum* 38:207-219.
- King, B.H. 2007. Developing KaNgwane: Geographies of Segregation and Integration in the new South Africa. *The Geographical Journal* 173(1): 13-25.
- King, B.H. and B. McCusker. 2007. Environment and Development in the Former South African Bantustans. *The Geographical Journal* 173(1):6-12.
- King, B.H. and B. McCusker (Guest Eds.). 2007. Environment and Development in the Former South African Bantustans. *The Geographical Journal* 173(1).
- King, B.H. Forthcoming. Commercializing Conservation in South Africa. *Environment and Planning A*.
- King, B.H. and S. Wilcox. Under review. Peace Parks and Jaguar Trails: Transboundary Conservation in a Globalizing World. *Society & Nature Resources*.
- King, B.H. and M. Peralvo. Under review. Community Heterogeneity and Perceptions of Conservation in Rural South Africa. *World Development*.

#### **C. RESEARCH SUPPORT**

##### **Ongoing Research Support**

None.

##### **Completed Research Support**

Research Award (B.H. King, PI) 01/15/07-05/31/07

The University of Texas at Austin, Office of the Vice President for Research

Special Research Grant

The research award is to provide modest support for specific projects of individual tenured and tenure-track faculty members.

Role: Principal Investigator

**BIOGRAPHICAL SKETCH**

<b>NAME</b> David L. Leal	<b>POSITION TITLE</b> Associate Professor, Department of Government, The University of Texas at Austin
<b>eRA COMMONS USER NAME</b>	

**EDUCATION/TRAINING**

<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Stanford University, Palo Alto, CA	BA	1990	Political Science
Harvard University, Cambridge, MA	MA	1995	Government
Harvard, University, Cambridge, MA	PhD	1998	Government

**A. POSITIONS AND HONORS****Positions and Employment**

1998-1999	Congressional Fellow, American Political Science Association, Washington, DC
1997-2002	Assistant Professor, Department of Political Science, State University of New York (SUNY) Buffalo, Buffalo, NY
2002-2005	Assistant Professor, Department of Government, The University of Texas at Austin, Austin, TX
2002-Present	Faculty Associate, Center for Mexican-American Studies, The University of Texas at Austin, Austin, TX
2003-Present	Director, Public Policy Institute, The University of Texas at Austin, Austin, TX
2005-Present	Associate Professor, Department of Government, The University of Texas at Austin, Austin, TX
2008-Present	Faculty Research Associate, Population Research Center, The University of Texas at Austin, Austin, TX

**Honors, Other Experience, and Professional Memberships**

2000	Program Committee Organizer, Race, Class, and Ethnicity, annual meeting, Midwest Political Science Association, Chicago, IL, April
2002-2003	Member, Executive Council, Race, Ethnicity, and the Politics Section, American Political Science Association
2004	Co-Organizer (with K.J. Meier and R. Espino), Latino Politics: The State of the Discipline Conference, Texas A&M University, College Station, TX, April
2004	Co-Organizer (with K.J. Meier), The Politics of Latino Education Conference, The University of Texas at Austin, December
2004-2006	Co-Chair and Member, Committee on the Status of Latinos y Latinas in the Profession, American Political Science Association
2005	Co-Organizer (with R. De La Garza and L. DeSipio) Latinos and the 2004 Elections Conference, The University of Texas at Austin, February
2006	Member, Jewel Prestage Best paper Award Committee, annual meeting, Southwestern Political Science Association
2006	Program Committee Organizer, Public Policy and Administration, annual meeting, Western Political Science Association, Albuquerque, NM, March
2006-2008	Member, Task Force of Religion and Democracy in the United States, American Political Science Association
2006-Present	Member, Editorial Board, American Politics Research
2006-Present	Member, Editorial Board, Social Science Quarterly
2007	Chair, Jewel Prestage Best paper Award Committee, annual meeting, Southwestern Political Science Association
2007	Member, William Anderson Award Committee, American Political Science Association
2007	Participant, meeting on Cultural Contact in the U.S. Army, Russell Sage Foundation, New York, NY, September 2007
2007	Conference Organizer (with A. Karch), 7 <sup>th</sup> Annual, Conference on State Politics and Policy, The University of Texas at Austin, Austin, TX, February
2008-Present	Member, Editorial Board, State Politics & Policy Quarterly
Present	Ad Hoc Reviewer: <i>American Educational Research Journal</i> ; <i>American Journal of Political Science</i> ; <i>American Political Science Review</i> ; <i>American Politics Quarterly/Research</i> ; <i>Armed Forces &amp; Society</i> ; <i>British Journal of Political Science</i> ; <i>Educational Evaluation and Policy</i>

*Analysis; Education Next; Harvard International Journal of Press/Politics; International Journal of Public Opinion Research; Journal of Politics; National Science Foundation; Political Behavior; Political Research Quarterly; Social Forces; Social Science Quarterly; State Politics & Policy Quarterly*

Present Member, American, Midwest, Southern and Western Political Science Associations, American Educational Research Association, Inter-University Seminar on the Armed Forces and Society, Latin American Studies Association, Society for the Scientific Study of Religion, New Mexico Historical Society, Texas Association of Chicanos in Higher Education

#### B. SELECTED PEER-REVIEWED PUBLICATIONS

- Jones-Correa, M. and D.L. Leal. 1996. Becoming 'Hispanic': Secondary Pan-Ethnic Identification Among Latin American-Origin Populations in the United States. *Hispanic Journal of Behavioral Sciences* 18:214-254.
- Hess, F. and D.L. Leal. 1997. "Minority Teachers, Minority Students, and College Matriculation: A New Look at the Role-Modeling Hypothesis. *Policy Studies Journal* 25:235-248.
- Leal, D.L. 1999. It's Not Just a Job: Military Service and Latino Political Participation. *Political Behavior* 21:153-174.
- Leal, D.L. and F. Hess. 1999. Survey Bias on the Front Porch: Are All Subjects Interviewed Equally? *American Politics Quarterly* 27:468-487.
- Hess, F. and D. Leal. 1999. Politics and Sex-Related Programs in Urban Schooling. *Urban Affairs Review* 35:24-43.
- Hess, F. and D.L. Leal. 1999. Computer-Assisted Learning in Urban Classrooms: The Impact of Politics, Race, and Class. *Urban Education* 34:370-388
- Leal, D.L. 1999. Congress and Charter Schools. In R. Maranto, S. Milliman, F. Hess, and A. Gresham (Eds.), *School Choice in the Real World: Lessons from Arizona Charter Schools*. Boulder, CO: Westview Press.
- Hess, F. and D.L. Leal. 2000. The Effect of Party on Issue Emphasis in the 1994 House Elections. In D. Brady, J. Cogan, and M. Fiorina (Eds.), *Continuity and Change in House Elections*. Stanford: Stanford University Press/Hoover Institution Press.
- Hess, F. and D.L. Leal. 2000. The Politics of Bilingual Education Expenditures in Urban School Districts. *Social Science Quarterly* 81:1064-1072.
- Jones, Correa, M. and D.L. Leal. 2001. Political Participation: Does Religion Matter? *Political Research Quarterly* 54:751-770.
- Hess, F. and D.L. Leal. 2001. A Shrinking Digital Divide? The Provision of Classroom Computers across Urban School Systems. *Social Science Quarterly* 82:765-778.
- Leal, D.L and F. Hess. 2001. Quality, Race, and the Urban Education Marketplace. *Urban Affairs Review* 37:249-266.
- Leal, D.L. and F. Hess. 2001. School Quality, Race, and Class Revisited: A Reply to Saporito, Yancey, and Louis. *Urban Affairs Review* 37:277-281.
- Hess, F. and D. L. Leal. 2001. The Opportunity to Engage: How Race, Class, and Institutions Structure Access to Educational Deliberation. *Educational Policy* 15:474-490.
- Leal, D.L. 2002. Political Participation by Latino Non-Citizens in the United States. *British Journal of Political Science* 32:353-370.
- Leal, D.L. 2002. Home is Where the Heart is: Congressional Tenure, Retirement, and the Implications for Representation. *American Politics Research* 30:266-285.
- Leal, D.L. 2003. The Multicultural Military: Military Service and the Acculturation of Latinos and Anglos. *Armed Forces & Society* 29:183-226.
- Leal, D.L. and F. Hess. 2003. Technocracies, Bureaucracies, or Responsive Polities? Urban School Systems and the Politics of School Violence Prevention. *Social Science Quarterly* 84:526-542.
- Leal, D.L. 2003. Democratization and the Ghost of Zapata: Mexico from 1959 to 1991. *International Journal of Public Opinion Research* 15:134-150.
- Leal, D.L. 2003. Early Money and Senate Primary Elections. *American Politics Research* 31:93-104.
- Ali, S., F. Hess and D.L. Leal. 2003. \Contestation versus Replacement? Republican Party Gains in Southern State Legislative Elections. *Politics & Policy* 31:648-670.
- Leal, D. L. 2003. Minority Voters and Candidates: Tracking Trends. In R. Watson and C. Campbell (Eds.), *Campaigns and Elections: Issues, Concepts, and Cases*. Boulder, CO: Lynne Rienner Publishers.

- Leal, D.L. 2003. Unorthodox Lawmaking: Juvenile Crime Legislation after Columbine. In P. Herrnson and C. Campbell (Eds.), *War Stories from Capitol Hill*. Upper Saddle River, NJ: Prentice-Hall.
- Leal, D.L. V. Martinez-Ebers, and K.J. Meier. 2004. The Politics of Latino Education: The Biases of At-Large Elections. *Journal of Politics* 66:1224-1244.
- Leal, D.L. 2004. Latinos and School Vouchers: Testing the 'Minority Support' Hypothesis. *Social Science Quarterly* 85:1227-1237.
- Fraga, L.R. and D.L. Leal. 2004. Playing the 'Latino Card': Race, Ethnicity, and National Party Politics. *Du Bois Review: Social Science Research on Race* 1:297-317.
- Leal, D.L. and F. Hess. 2004. Who Chooses Experience? Examining the Use of Veteran Staff by House Freshmen. *Polity* 36: 651-664.
- Leal, D.L. 2004. Assessing Traditional Teacher Preparation: Evidence from a Survey of Graduate and Undergraduate Programs. In F. Hess, A. Rotherham, and K. Walsh (Eds.), *A Qualified Teacher in Every Classroom: Appraising Old Answers and New Ideas*. Cambridge, MA: Harvard Education Press.
- Leal, D.L. 2005. American Public Opinion toward the Military: Differences by Race, Gender, and Class? *Armed Forces & Society* 32:123-138.
- Barreto, M., D.L. Leal, J. Lee and R. De La Garza. 2005. The Latino Vote in the 2004 Election. *PS: Political Science and Politics* 38:41-49.
- Leal, D.L. and F. Hess. 2005. School House Politics: Expenditures, Interests, and Competition in School Board Elections. In W. Howell (Ed.), *Besieged: School Boards and the Future of Education Politics*. Washington, DC: Brookings Institution Press.
- Leal, D.L. 2006. Symposium Introduction: Canada – The Unknown Country. *PS: Political Science & Politics*, 39:813-814.
- Leal, D.L. and D. Lipinski. 2006. Northern Exposure? The Politics of Canadian Provincial Admission into the United States. *PS: Political Science & Politics* 39:843-847.
- Leal, D.L. 2006. Mexican-American and Cuban-American Public Opinion: Differences at the State Level? In J. Cohen (Ed.), *Public Opinion in State Politics*. Stanford: Stanford University Press.
- Leal, D.L. 2006. *Electing America's Governors: The Politics of Executive Elections*. New York: Palgrave-Macmillan
- Leal, D.L. 2007. Latinos, Religion, and the 2004 Presidential Election. In D.E. Campbell (Ed.), *A Matter of Faith? Religion in the 2004 Elections*. Washington, DC: Brookings Institution Press.
- Leal, D.L. 2007. Students in Uniform: ROTC, the Citizen-Soldier, and the Civil-Military Gap. *PS: Political Science & Politics* 40:479-483.
- Leal, D.L. and L. DeSipio (Guest Eds.). 2007. Latino Politics During the Bush Years. *American Politics Research* 35(2).
- Espino, R., D.L. Leal, and K.J. Meier (Eds.). 2007. *Latino Politics: Identity, Mobilization, and Representation*. Charlottesville: University of Virginia Press.
- Barreto, M. and D.L. Leal. 2007. Latinos, Military Service, and Support for Bush and Kerry in 2004. *American Politics Research* 35:224-251.
- Leal, D.L. 2007. Latino Public Opinion: Does It Exist? In R. Espino, D.L. Leal, and K.J. Meier (Eds.), *Latino Politics: Identity, Mobilization, and Representation*. Charlottesville: University of Virginia Press.
- Leal, D.L., S.A Nuno, J. Lee and R.O De La Garza. 2008. Latinos, Immigration, and the 2006 Midterm Elections. *PS: Political Science & Politics* 41:309-317.
- Givens, T.E., G.P. Freeman, and D.L. Leal (Eds.). Forthcoming. *Immigration Policy and Security: US, European, and Commonwealth Perspectives*. New York: Routledge.
- Leal, D.L. Forthcoming. The Citizen-Soldier, Then and Now: The National Guard, Military Reserves, and ROTC. In D.S. Reveron and J. Hicks Stiehm (Eds.), *Inside Defense: Understanding the U.S. Military in the 21st Century*. New York: Palgrave-Macmillan.

**C. RESEARCH SUPPORT**

**Ongoing Research Support**

None

**Completed Research Support**

Research Award

09/01/06-08/31/07

Carnegie Corporation, Program on Strengthening U.S. Democracy

*El Voto Remoto* and the Civic Integration of Mexican Immigrants

This project presented findings from the 2006 Mexican Expatriate Study, a large-scale survey of Mexican immigrants in three very different regions of the country, Dallas, San Diego, and north-central Indiana.

Role: Co-Principal Investigator

**BIOGRAPHICAL SKETCH**

<b>NAME</b> Keith Robinson	<b>POSITION TITLE</b> Assistant Professor, Department of Sociology, The University of Texas at Austin
<b>eRA COMMONS USER NAME</b>	

**EDUCATION/TRAINING**

<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
University of California, Los Angeles, Los Angeles, CA	BA	2000	Sociology
University of Michigan, Ann Arbor, MI	MA	2002	Sociology
University of Michigan, Ann Arbor, MI	PhD	2006	Sociology

**A. POSITIONS AND HONORS****Positions and Employment**

- 2007-Present Assistant Professor, Department of Sociology, The University of Texas at Austin, Austin, TX  
 2007-Present Faculty Research Associate, Population Research Center, The University of Texas at Austin, Austin, TX

**Honors, Other Experience, and Professional Memberships**

- 2003 Presenter, The Impact of Specific Attitudes toward Sterilization: Effectiveness, Accessibility, and Side Effects on Fertility Limitation, annual meeting, Population Association of America, Minneapolis, MN
- 2004 Member, Admissions Committee, Department of Sociology, University of Michigan
- 2005 Presenter (with A.L. Harris), *Can Parental and Peer Culture Explain Inequality in Test Performance and College Enrollment between Whites and Asian Americans?*, International Sociological Association, Orlando, FL
- 2005 Presenter, *Test Score Divergence for White and African American Students: A Case of Cumulative Advantage?*, annual meeting, American Sociological Association, Philadelphia, PA
- 2005 Presenter (with A.L. Harris), *Are the Effects of Behaviors and Attitudes During High School on Academic Achievement Overestimated? A Cautionary Tale of Omitted Variable Bias within the Oppositional Culture Theory*, annual meeting, American Sociological Association, Philadelphia, PA
- 2006 Presenter (with A.L. Harris), *Can Parental and Peer Influences Explain Inequality in Test Performance between Whites and Asian American?*, Pacific Sociological Association, Hollywood, CA
- 2006 Presenter (with A.L. Harris), *To Punish or Not to Punish?: Parental Responses to Poor School Achievement*, Eastern Sociological Association, Boston, MA
- 2007 Presenter (with A.L. Harris), *Punitive v. Non-Punitive Parenting: Racial Differences in Parental Responses to Poor School Achievement*, Society for Research in Child Development, Boston, MA
- 2008 Presenter (with A.L. Harris), *The Punish of Not to Punish?: Parental Responses to Inadequate Achievement*, annual meeting, Population Association of America, New Orleans, LA
- Present Member, Population Association of America, American Sociological Association

**B. SELECTED PEER-REVIEWED PUBLICATIONS**

- Harris, A. L. and K. Robinson 2007. Schooling Behaviors or Prior Skills? A Cautionary Tale of Omitted Variable Bias Within Oppositional Culture Theory. *Sociology of Education* 80:139-157.
- Robinson, K. Under review. Poverty and Achievement: The Moderating Effects of Teachers between Kindergarten and First Grade. *American Educational Research Journal*.
- Robinson, K. Under review. An Assessment of Achievement Inequality across K-12 Education for White, Black, and Hispanics Students. *Sociological Quarterly*.
- Robinson, K. and S. Yabiku. Under review. Behavioral Attitudes, Subjective Norms and Childbearing Decisions: Neighbor and Community Influences. *Demography*.
- Robinson, K. and A.L. Harris. Under review. Can Parental and Peer Influences Explain Inequality in Test Performance between Whites and Asian American. *American Sociological Research*.

Robinson, K. and A.L. Harris. Under review. Race, Parental Responses to Inadequate Achievement, and Academic Outcomes. *Sociology of Education*.

**C. RESEARCH SUPPORT**

**Ongoing Research Support**

5 R24 HD42849 (M.D. Hayward, PI)

07/01/08-06/30/09

National Institute of Child Health and Human Development/NIH

Population Research Center, Seed Project

This award provides seed monies from the Center's Faculty Development Program to develop a grant application to NICHD to be submitted in Fiscal Year 2008-2009.

Role: Principal Investigator of seed project.

**Completed Research Support**

None

**BIOGRAPHICAL SKETCH**

<b>NAME</b> Michele G. Shedlin	<b>POSITION TITLE</b> Charles T. and Shirley L. Leavell Professor of Health Sciences II, Department of Sociology and Anthropology, The University of Texas at El Paso		
<b>eRA COMMONS USER NAME</b>			
<b>EDUCATION/TRAINING</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Columbia University, New York, NY	BS	1968	Anthropology
Columbia University, New York, NY	MA	1975	Sociomedical Science
Columbia University, New York, NY	MPhil	1982	Sociomedical Science
Columbia University, New York, NY	PhD	1982	Sociomedical Science

**A. POSITIONS AND HONORS****Positions and Employment**

1974-1977	Research Anthropologist, Division of Social and Administrative Sciences, Center for Population and Family Health, Columbia University, New York, NY
1977-1979	Program Coordinator for Mexico, Center for Population and Family Health, Columbia University, New York, NY
1977-1980	Anthropologist, Rural Health Program, Mexican Directorate of MCH/FP, Columbia University, New York, NY
1979-1982	Senior Staff Associate, Center for Population and Family Health, Columbia University, New York, NY
1982-1985	Assistant Professor of Clinical Public Health, Columbia University, New York, NY
1985-2002	President, Sociomedical Resource Associates, Inc., Westport, CT
2002-2005	Principal Investigator/Deputy Director, International and Immigrant Health Research, Institute for AIDS Research, National Development and Research Institutes
2005-Present	Charles T. and Shirley L. Leavell Professor of Health Sciences II, Department of Sociology and Anthropology, The University of Texas at El Paso, El Paso, TX
2005-Present	Co-Director, Hispanic Health Disparities Research Center, The University of Texas at El Paso, El Paso, TX
2007-Present	Faculty Research Associate, Population Research Center, The University of Texas at Austin, Austin, TX

**Honors, Other Experience, and Professional Memberships**

1996-1999	Steering Committee, AIDS and Anthropology Research Group
Present	Fellow, New York Academy of Medicine
Present	Member, American Anthropological Association, Society for Medical Anthropology, Population Association of America, American Public Health Associate (Latino Caucus),
Present	Member: Editorial Board, <i>Advances in Population</i> ; AIDS and Anthropology Research Group; International Editorial Board, <i>Journal of Sexuality Research &amp; Social Policy</i>

**B. SELECTED PEER-REVIEWED PUBLICATIONS**

- Shedlin, M. G. 1989. Examples From the Field. *Critical Issues in Reproductive Health: Methodological Issues in Abortion Research*. The Population Council, NY.
- Shedlin, M. G. 1990. *An Ethnographic Approach to Understanding HIV High Risk Behaviors: Prostitution and Drug Abuse*. Research Monograph Series #93, AIDS and Intravenous Drug Use: Future Directions for Community-Based Prevention Research. National Institute on Drug Abuse.
- Shedlin, M. G., (Ed.). 1991. Social Science Perspectives on HIV in the U.S. *Social Science and Medicine* 33(1).
- Krayacich de Oddone, N., M.G. Shedlin, M. Welsh, M. Potts, and P. Feldblum. 1991. Paraguay: Study of Pharmacies and the Sale of Pseudo Abortifacients. *Journal of Biosocial Science* 23:201209.
- Shedlin, M. G. and D. Oliver. 1992. Prostitution and HIV Risk Behavior. *Advances in Population: Psychosocial Perspectives*. J. Kingsley Publisher, London, 1.
- Benagiano, G. and M.G. Shedlin. 1992. Cultural Factors in Oral Contraceptive Compliance. *Advances in Contraception* 8(1).
- Goldzieher, J. W. and M.G. Shedlin. 1994. *A User's Guide to Oral Contraception*. Essential Medical Information Systems.

- Shedlin, M. G., and J.M. Schreiber. 1995. *Using Focus Groups in Drug Abuse and HIV/AIDS Research*. Research Monograph Series # 157. Qualitative Methods in Drug Abuse and HIV Research. National Institute on Drug Abuse. (Spanish Version: Utilizando Grupos de Enfoque en Investigación)
- Deren, S., M.G. Shedlin, and M. Beardsley. 1996. HIV-Related Concerns and Behaviors Among Hispanic Women. *AIDS Education and Prevention* 8(4).
- Ferreira Pinto, J., R. Ramos, and M.G. Shedlin. 1996. Migrant Males and Female Sex Workers: HIV/AIDS Infection in the US/Mexico Border. In S.I. Mishra, R.F. Conner, J.R. Magaña (Eds.), *AIDS Crossing Borders: The Spread of HIV Among Migrant Latinos*. Boulder, CO: Westview Press.
- Deren, S., J. Sanchez, M.G. Shedlin, W.R. Davis, M. Beardsley, D. Des Jarlais, and K. Miller 1996. HIV Risk Among Dominican Brothel & Street Prostitutes in New York. *AIDS Education and Prevention* 8(5).
- Deren, S, M.G. Shedlin, W.R. Davis, M. Clatts, S. Balcorta, M. Beardsley, J. Sanchez, D. Des Jarlais. 1997. Dominican, Mexican and Puerto Rican Prostitutes: Drug Use and Sexual Behaviors. *Hispanic Journal of Behavioral Sciences* 19(2):202-213.
- Shedlin, M.G., S. Deren, and L. Shulman. 1997. Género y Cultura como Factores de Riesgo de VIH/SIDA en Mujeres Hispánicas de los Estados Unidos de América, en Rico, B., Vandale, S., B. Allen, B., & AL Liguori (Eds.) *Situación de la mujer en el VIH/SIDA en América Latina: Una Agenda de Investigación Acción*. Instituto Nacional de Salud Pública, Cuernavaca, México.
- Aráuz, R., P. Ortells, A. Morales, M. Guevara, and M.G. Shedlin. 1997. *Sexo Inseguro: Investigación cualitativa sobre comportamiento sexual de alto riesgo respecto al SIDA en Nicaragua*. Fundación Nimehuatzin, Managua, Nicaragua.
- Feudo, R., S. Vining, L.C. Shulman, M.G. Shedlin, and J. Bureson, J. 1998. Bridgeport's Teen Outreach and Primary Services (TOPS) Project: A Model for Raising Community Awareness about Adolescent HIV Risk. *Journal of Adolescent Health* 23(2).
- Rhodes, F., S. Deren, M. Wood, M.G. Shedlin, et.al. 1999. Understanding HIV Risks of Chronic Drug Using Men Who have Sex with Men. *AIDS Care*, 11(6).
- Shedlin, M. G., L. Bautista, A. Fitzgerald, R. Gilad, J. Carranza. 1999. *Factores de Riesgo de Adquirir el VIH Entre Mujeres Amas de Casa en San Salvador*. Academy for Educational Development, Central American HIV/AIDS Prevention Project (PASCA/USAID), Guatemala.
- Cáceres, F., M.G. Shedlin, and S. Deren, S. 2000. *El Consumo de Drogas en La Republica Dominicana Y Su Vínculo Con VIH/SIDA*. Profamilia, Dominican Republic.
- Shedlin, M. G., L. Kochems, and S. Deren. 2000. Drug Using MSM Focus Groups: East Harlem, NY. (Chapter II), in, *A Multisite Study of HIV Risks in Drug Using Men Who Have Sex With Men*, Fen Rhodes, et.al (Eds), University Press, California State University, Long Beach.
- Shedlin, M. G., A. Fitzgerald. and L. Bautista. 2000. Risk factors for HIV Among Housewives in San Salvador. *AIDS & Anthropology Bulletin* 12(1).
- Shedlin, M. G. and S. Deren. 2001. Cultural Factors Influencing HIV Risk Behavior Among Dominicans in New York City. *Journal of Ethnicity in Substance Abuse* 1(1).
- Deren, S., M.G. Shedlin, T. Hamilton, and H. Hagan. 2002. Impact of the September 11 th Attack in NYC on Drug Users: A Preliminary Assessment. *Journal of Urban Health, Bulletin of the New York Academy of Medicine* 79(3).
- OliverVelez, D., H.A. Finlinson, S. Deren, R. Robles, M.G. Shedlin, J. Andía, and H. Colón. 2002. Mapping the AirBridge Locations: The Application of Ethnographic Mapping Techniques to a Study of HIV Risk Behavior Determinant in East Harlem, New York, and Bayamón, P.R. *Human Organization* 61(3).
- Schreiber, J., G. Castellanos, E. Chang, M.G. and Shedlin. 2003. *Qualitative Evaluation of Accion SIDA in Four Countries: Guatemala/Nicaragua/Honduras/El Salvador*. The Synergy Project. TvT Global Health & Development Strategies, Washington, DC.
- OliverVelez, D., S. Deren, A. Finlinson, M.G. Shedlin, R. Robles, J. Nadia, H. Colon, S.Y. Kang. 2003. Sexual Risk Behaviors of Puerto Rican Drug Users in East Harlem, NY and Bayamon, Puerto Rico. *Culture, Health and Sexuality, Taylor & Francis Health Sciences* 5(1).
- Deren, S., D. Oliver-Velez, A. Finlinson, R.R. Robles, J.F. Andía. H. Colon, S.Y. Kang, and M.G. Shedlin. 2003. Integrating Qualitative and Quantitative Methods: Comparing HIV-related Risk Behaviors among Puerto Rican users in Puerto Rico and NY. *Substance Use & Misuse* 38(1).
- Woodsong, C., M.G. Shedlin, and H. Koo. 2004. The 'Natural' Body: God and Contraceptive use in the Southeastern US. *Culture, Health & Sexuality* 6(1):61-78.

- Shedlin, M. G. 2004. Research vs. Support: Focus Group Participants Living With HIV/AIDS. In Ullin, et al., (Eds.), *Qualitative Methods: A Field Guide for Applied Research in Sexual and Reproductive Health, Family Health International*. Second Edition, JosseyBass.
- Shedlin, M. G. and L. Shulman. 2004. Qualitative needs assessment of HIV services among Dominican, Mexican, & Central American immigrant populations living in NYC. *AIDS Care* 16(4).
- Decena, C.U. and M.G. Shedlin. 2005. Defining New Communities: A challenge for immigrant health. *Papeles de Población*, 44. CIEAP/Toluca, México.
- Shedlin, M. G., C.U. Decena, and D. Oliver-Velez. 2005. Initial Acculturation and HIV Risk among New Hispanic Immigrants to New York. *Journal of the National Medical Association* 97(7).
- Deren, S., M.G. Shedlin, C.U. Decena, and M. Mino. 2005. Research Challenges to the Study of HIV/AIDS Among Migrant & Immigrant Hispanic Populations in the U.S. *Journal of Urban Health* 82(2).
- Belenko, S., M.G. Shedlin, and M. Chaple. 2005. HIV risk behaviors, knowledge, and prevention service experiences among African American and other offenders. *Journal of Health Care for the Poor and Underserved* 16:108-129.
- Shedlin, M.G. and C. Decena. 2005. Defining New Immigrant Communities: Implications for Prevention Planning. *AIDS and Anthropology Bulletin* 17(2).
- Shedlin, M. G. and L. Shulman. 2006. New Hispanic Migration and HIV Risk in New York. *Journal of Immigrant & Refugee Services* 4(1).
- Shedlin, M. G. 2006. Investigación y apoyo: Personas que viven con VIH/SIDA participantes en un grupo de discusión dirigido. In P.Ullin, E. Robinson & E. Tolley, (Eds.), *Investigación Aplicada en Salud Pública: Métodos Cualitativos*. Publicación Científica y Técnica No. 614, Organización Panamericana de la Salud, Washington, DC.
- Shedlin, M.G., E. Drucker, C.U Decena, S. Hoffman, G. Bhattacharya, S. Beckford, and R. Barreras. 2006. Immigration & HIV/AIDS in the New York Metropolitan Area. *Journal of Urban Health* 83(1).
- Decena, C.U., M.G. Shedlin, and A. Martínez. 2006. "Los hombres no mandan aquí": Narrating Immigrant Genders and Sexualities in New York State in Special Issue: Unseen New York: Latino Immigrants and Suburban/Rural Politics. *Social Text*, 88, 24(3). Duke University Press.
- Montes Penha, M., M.G. Shedlin, C.A. Reisen, P.J. Poppen, F.T. Bianchi, C.U. Decena, and M.C. Zea. In press. *Ethnographic fieldwork on sexual behavior: Developing ethical guidelines for native researchers*. (In) Feldman, D. A. (Ed.) AIDS, Culture, and Gay Men. Gainesville, FL: University of Florida Press.
- Shedlin, M.G., R. Arauz, P. Ortels, M. Aburto, and D. Norori. 2006. (Fundacion Nimehuatzin). Drugs and AIDS: Nacional Alert. *ENVIO* (Journal of the Centralamerican University, Managua, Nicaragua), 292.
- Bianchi FT, C.A. Reisen, M.C. Zea, P.J. Poppen, M.G. Shedlin, M.M. Penha. 2007 The Sexual Experiences of Latino Men Who have Sex with Men Who Migrated to a Gay Epicentre in the USA. *Culture, Health and Sexuality*. SepOct; 9 (5):50518.

### C. RESEARCH SUPPORT

#### Ongoing Research Support

R01 HD046258 (M.C. Zea, PI)

07/01/03-04/30/09

National Institute of Child Health and Human Development

Contextual Influences on Sexual Risk Among Latino MSM

This project develops and tests a theoretical model of socio-cultural, psychosocial, and contextual influences on unprotected sex in three groups of Latino men who have sex with men (MSM) in the U.S.--Dominicans, Colombians, and Brazilians

Role: Co-Principal Investigator

Research Award (M.G. Shedlin, PI)

01/01/07-06/30/08

Center for Border Health Research

Methamphetamine Use on the US-Mexico Border

This project aims to identify contextual factors influencing methamphetamine adoption and use in the Paso del Norte Region, describe the range of attitudes and behaviors affecting methamphetamine use and to describe how it may affect HIV/STI risk.

Role: Principal Investigator

- 5R03NR009974-02 (T.C. Olson, PI) 08/01/06-07/31/08  
National Institute of Nursing Research  
Factors Affecting OCD and Health Disparities at the U.S.-Mexico Border  
The overall objective of this R03 application is to describe, examine and explore issues involving the cultural identification, symptomatology, health concerns, coping mechanisms, and quality of life of persons with OCD in a population at high risk for health disparities, Mexican-American and Mexican persons (MAs and MXs) living in the U.S.-Mexico Border region of El Paso, Texas and Ciudad Juarez, Mexico.  
Role: Consultant
- 1R21MH079746-01A1 (M.F. Goldstein, PI) 08/01/07-06/30/09  
National Institute of Mental Health  
Enhancing HIV Partner Notification Through Peer Educators  
This project will implement, a pilot curriculum for training HIV+ peers to communicate about PN will be modified, based on the results of focus groups with HIV positive persons and interviews with service providers from 3 sources: a drug treatment program, an HIV primary care medical clinic, and a community service agency for HIV+ individuals.  
Role: Consultant
- 1 R01 HD047816 (J.E. Potter, PI) 09/01/05-06/30/10  
National Institute of Child Health and Human Development  
Oral Contraceptive Use along the US-Mexico Border  
This project will assess whether women are as capable of screening themselves for contraindications to OC use as health professionals.  
Role: Co-Principal Investigator
- 5R01DA018130 (D. Kressel, PI) 04/20/06-03/31/10  
National Institute of Drug Abuse  
Therapeutic Communities: A Three Country Comparison  
This research focuses on the development of comprehensive measures of client clinical progress in community and correctional-based substance abuse treatment.  
Role: Co-Principal Investigator
- Completed Research Support**
- R01 MH069333 (A. Carballo-Diequez, PI) 07/18/03-06/30/07  
National Institute of Mental Health  
Internet Use and HIV Risk among Men in NYC  
This three-year exploratory study focused on MSM who meet sexual partners through the Internet to intentionally engage in condomless high-risk sex in situations in which there is risk of HIV transmission  
Role: Co-Principal Investigator
- P30 DA011041-09S1 (S. Deren, PI) 04/01/98-03/31/08  
National Institute of Drug Abuse  
High Risk Drug Use & HIV: Learning from the NYC Epidemic-Nicaragua Supplement  
The overarching scientific aim was to enhance knowledge regarding social-level influences on HIV-related risk behaviors, prevention and transmission of HIV among drug users  
Role: Principal Investigator of Supplement
- R01 HD042970 (M.G. Shedlin, PI) 09/01/02-05/31/05  
National Institute of Child Health and Human Development  
New Hispanic Communities and HIV Risk  
This study utilized qualitative/ethnographic research methods to identify and describe new Hispanic immigrant populations and HIV risk in the Metropolitan New York Area, one of the most affected in the nation by HIV/AIDS and Hispanic immigration.  
Role: Principal Investigator

**BIOGRAPHICAL SKETCH**

<b>NAME</b> Rebecca Wong	<b>POSITION TITLE</b> Professor, Department of Preventive Medicine and Community Health, and Director WHO/PAHO Collaborating Center on Aging and Health		
<b>eRA COMMONS USER NAME</b> rwong2			
<b>EDUCATION/TRAINING</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Universidad Nacional Autónoma de Mexico, Mexico City	B.S.	1981	Actuarial Science
University of Michigan, Ann Arbor, MI	M.A.	1983	Applied Economics
University of Michigan, Ann Arbor, MI	Ph.D.	1987	Economics

**A. POSITIONS AND HONORS****Positions and Employment**

1977-1978	Statistical Analyst, Sampling & Statistics Office, Sec. of Budget & Programming, Mexico City
1978-1979	Junior Researcher, Evaluation Office, Secretary of Public Education, Mexico City
1979-1981	Senior Researcher, Biostatistics Office, Secretary of Health. Mexico City
1980-1983	Ass't Prof. of Mathematics for Soc Sciences, Universidad Autónoma Metropolitana, Mexico City
1983	Teaching Assistant, Department of Statistics, University of Michigan
1984	Research Assistant and Fellow, Population Studies Center, University of Michigan
1986	Visiting Fellow, Center for Population Studies, Harvard University
1987-1997	Ass't Prof, Johns Hopkins University Depart of Population Dynamics, School of Public Health
1997-1998	Research Assistant Professor, Georgetown University Department of Demography
1998-2001	Research Associate Professor, Georgetown University Department of Demography
1997-2004	Adj. Faculty, Johns Hopkins University Department of Population and Family Health Sciences
2001-2006	Associate Research Scientist, Maryland Population Research Center, University of Maryland
2006-2007	Senior Research Scientist, Maryland Population Research Center, University of Maryland
2004-2007	Associate Director, Maryland Population Research Center, University of Maryland
2008-Present	Professor, Department of Preventive Medicine and Community Health, and Director, WHO/PAHO Collaborating Center on Aging and Health at the University of Texas Medical Branch

**Honors, Other Experience, and Professional Memberships**

1994, 1996	Member, Minority Biomedical Research Support Review Panel, NIH, National Institute of General Medical Sciences, Behavioral Sciences.
1996-1997	Member, Special Review Committee, Site Visit, NIH/NICHD
1998	Member, Small Grant Review in Economics, Special Emphasis Panel, NIH/NIA.
1998-1999	Ad hoc Reviewer, NIA Interagency Agreements, NIH/NIA
1999	Consultant, Gender and Aging in Mexico, The World Bank
1998-Present	Member, Editorial Board, <i>Papeles de Población</i> (Papers on Population), Center for Research and Advanced Studies on Population, Autonomous University of Mexico
2002-2003	Member, International Evaluation Committee for the Interamerican Research Award on Social Security Research, Interamerican Conference on Social Security
2002-2003	Consultant, U.S. Census Bureau, Binational Project on Mexico-U.S. Migration
2002-Present	Member, International Outreach Committee, Population Association of America
2002-2005	Member, Advisory Board Project SABE (Health, Aging and Wellbeing of the Elderly in the Americas), Pan American Health Organization
2005-2007	Member, Special Emphasis Review Panel, Social Science and Population Studies, NIH
2004-2007	Deputy Editor, <i>Demography</i> , Maryland Population Research Center and Johns Hopkins Population Center
2003-Present	Member, Panel on Aging in Developing Countries, Intern'l Union for Scie Study of Population
2006-Present	Member, Editorial Board, <i>Journal of Aging and Health</i>

**B. SELECTED PEER-REVIEWED PUBLICATIONS**

Wong, R. (1994) "On the Interpretation of the Effect of Income on Nutritional Status at the Household and

- Individual Levels." *Research in Human Capital and Development*. 8: 43-53.
- Parker, S. and Wong, R. (1997) "Household Income and Health Care Expenditures in Mexico." *Health Policy*. 40: 237-55.
- Hill, K., Morelos, J. and Wong, R. (Ed.). (1998) *Consecuencias de las Transiciones Demográficas y Epidemiológicas en América Latina*. (Consequences of the Demographic and Epidemiological Transitions in Latin America). El Colegio de Mexico, Mexico.
- Parker, S. and Wong, R. (2001) "Welfare of Male and Female Elderly in Mexico: A Comparison, Chapter 8." *The Economics of Gender in Mexico: Work, Family, State, and Market*. Washington, DC: The World Bank.
- Wong, R. and Lastra, M.A. (2001) "Aging and Health in Mexico: An Integrated Approach." *Estudios Demográficos y Urbanos*, Special Volume on Aging. 16(3). El Colegio de Mexico.
- Wong, R. (2002) "La Migración y las Condiciones Socioeconómicas en Edades Mayores" (Migration and Socioeconomic Conditions at Old Age). *Revista DEMOS*. Mexico.
- Wong, R. and Espinoza, M. (2003) "Ingreso y Bienes de la Población de Edad Media y Avanzada en México" (Income and Assets of the Middle Aged and Elderly in Mexico). *Papeles de Población*, No. 37. Mexico.
- James, E., Cox-Edwards, A. and Wong, R. (2003) "The Gender Impact of Pension Reform: And Which Policies Shape This Impact," <http://papers.ssrn.com/abstract=458303>
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### C. RESEARCH SUPPORT

#### Ongoing Research Support

5 R01 AG025533-03 (R. Wong, PI)

09/01/05-06/30/09

National Institute on Aging

Health Conditions among Elderly in Latin America

This is a parallel study with Alberto Palloni from the University of Wisconsin. The overall goal of the study is to examine patterns, transitions, and identify determinants of health among the elderly in a comparative framework within countries of the Latin American and Caribbean region. The study seeks to contrast patterns within the region and also among those found in the U.S., in particular with populations of Mexican origin, taking advantage of recently gathered, high-quality, comparable, and as of yet under-analyzed survey data on elderly people) and the National Longitudinal Study of Mortality (NLMS).

Role on Project: Principal Investigator

5 R03 AG026509-02 (R. Wong, PI)

07/01/06-06/30/08

National Institute on Aging

The Past Context: Supplementing Survey Data on Aging in Mexico

The project aims to explore the idea of supplementing household survey data gathered through personal interviews in late life, with secondary data that corresponds to the earlier context, capturing details of the conditions that prevailed at the time individuals made particular decisions throughout their life cycle

Role on Project: Principal Investigator

1 R01 HD051764-01A2 (A. Pebley, PI)

07/01/07-06/30/12

National Institute on Child and Human Development

Social Disparities in Health among Latinos

The project aims to examine variations in social gradients in health behaviors and outcomes for Latinos and other ethnic groups in Los Angeles County and the United States by national origin, nativity, and timing of immigration; to assess the causes of weaker social gradients in health among Latinos; and to investigate the reasons why Latinos report lower self-rated health than other ethnic groups despite their apparent superiority in health.

Role on Project: Co-Investigator

#### Completed Research Support

None

**BIOGRAPHICAL SKETCH**

<b>NAME</b> Benjamin A. Laws, III	<b>POSITION TITLE</b> Unix System Administrator, Population Research Center, The University of Texas at Austin		
<b>eRA COMMONS USER NAME</b>			
<b>EDUCATION/TRAINING</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Texas A&M University, College Station, TX	BS	1996	Computer Engineering

**A. RESEARCH AND PROFESSIONAL EXPERIENCE**

2008–Present      Systems Analyst, UT Population Research Center, Austin, TX  
2007                 Software Developer, Summit Gaming, Division of GameTech, Billings, MT  
2006–2007         Computer Consultant, Billings, MT  
2004–2006         Systems Analyst, UT Population Research Center, Austin, TX  
2004–2004         Systems Analyst, UT Information Technology Services, Austin, TX  
2000–2004         Systems Analyst, UT McDonald Observatory, Fort Davis, TX  
1996–2000         Systems Analyst / LAN Administrator, UT Population Research Center, Austin, TX

**B.COMPUTER SKILLS**

**Expertise:** System administration of Solaris, Linux, and Windows networks. Host- and network-based security analysis, configuration, and management. Troubleshooting TCP/IP Ethernet networks, PC and Sun computer systems. Installation and configuration of hardware and software, twisted-pair and fiber cabling, and communications components. Consistent administration across multiple network operating systems. Maintaining reliable and secure computer system operations, prompt incident response upon failures. Design, implementation, repair, and maintenance of software systems. Documentation of site configuration and management plans.

**Hardware:** Sun systems, x86 systems, all related internal hardware, controllers, and peripherals. Network interfaces, SCSI systems, Fibre Channel, disk arrays, removable storage devices, 4mm/8mm/DLT/M/M2 tape drives and autochangers. Modems, scanners, laser and inkjet printers, monitors, input devices, and UPSs. Coax, twisted pair, and fiber optic cabling. Communications over fiber for ethernet, audio, video, and serial applications.

**Operating Systems:** Sun Solaris 2.5-10, Windows 3.x-Vista, Linux, Mac OSX, LynxOS, DOS, Cisco IOS, PMACOS.

**Software:** Sendmail, NIS+, DNS/BIND, SSH, NFS, SAMBA, SSL, LDAP, Ipchains/iptables firewalls, SpamAssassin, ClamAV, Procmal, VMWare, Sun Enterprise Backup, Exceed, Cygwin, Web browsers, TCP Wrappers, FTP, telnet, POP3, IMAP, MS Word, Access, Excel, Borland C++ Builder, email clients, compression utilities.

**Network:** Switched/shared ethernet over multiple media types, TCP/IP protocol suite, Internet security and firewalls, Solaris/Linux/Microsoft internetworking, copper and fiber optic cable installation, termination, and maintenance.

**Languages:** C/C++, UNIX shell scripting, PERL, Tcl/Tk, SQL. Intel, Motorola, and Stamp assembly languages. Exposure to PMAC programming, ADA 9X, Pascal, FORTRAN.

**C.RELEVANT TRAINING**

FIS Fiber Optic Termination (3 days), Oriskany, NY, November 2002  
Delta Tau PMAC Training (5 days), Chatsworth, CA, September 2001  
SANS Network Security (6 days), New Orleans, LA, August 1999

**BIOGRAPHICAL SKETCH**

<b>NAME</b> Sarah A. McKinnon	<b>POSITION TITLE</b> Statistical Programmer, Population Research Center, The University of Texas at Austin		
<b>eRA COMMONS USER NAME</b>			
<b>EDUCATION/TRAINING</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
University of Texas at El Paso, El Paso, TX	BA	1997	Anthropology
University of Texas School of Public Health, Houston, TX	MPH	2000	Public Health

**A. POSITIONS AND HONORS****Positions and Employment**

1996	Ethnographer, Intercultural Development Research Association, San Antonio, TX
1997-1998	Americorps Member, Project Vida Health Clinic, El Paso, TX
1999-2000	Intern, Center for Border Health Research, El Paso, TX
2000	Intern, Division of Adolescent and School Health, Center for Disease Control and Prevention
2000-2002	Research Associate, The University of Texas School of Public Health, El Paso
2001-2002	Research Analyst, Health and Human Services Commission
2002-2003	Fellow, Association of Schools of Public Health Centers for Disease Control and Prevention
2003-2004	Research Intern, (J.E. Potter, PI, R01 HD41528), Population Research Center, The University of Texas at Austin, Austin, TX
2004-2005	NICHD Pre-Doctoral Traineeship (J.E. Potter, PI, T32HD007081), Population Research Center, The University of Texas at Austin
2005-2007	Graduate Research Assistant, Oral Contraceptives Use Along the US-Mexico Border (J.E. Potter, PI, R01HD047816), The University of Texas at Austin
2006	Teaching Assistant, Department of Sociology, The University of Texas at Austin
2007-Present	Statistical Programmer, Population Research Center, The University of Texas at Austin

**Honors, Other Experience, and Professional Memberships****a. Programming Projects**

Birth Outcomes using 1983-1991 and 1995-2004 Linked Births/Infant Death files  
Brazilian census, 1960, 1970, 1980, 1991, 2000  
Birth Information using 1989-2004 Birth files  
File construction using National Health Interview Surveys 1986-2000

**b. Professional Skills**

Computer programming, file construction, and statistical analysis using SAS, Stata, ArcGIS, GeoDa, WinBUGS, EpiInfo.

Project planning, research methodology, writing systems of program modules, managing large data sets, statistical analysis.

**c. Memberships**

Present      Population Association of America

**B. SELECTED PEER-REVIEWED PUBLICATIONS**

- McKinnon, S., K. O'Rourke, S. Thompson, J. Berumen. 2003. Alcohol Use and Abuse by Adolescents: The Impact of Living in a Border Community. *Journal of Adolescent Health* 51(4):163-167
- McKinnon, S., K. O'Rourke, T. Byrd. 2003. Increased Risk of Alcohol Abuse among College Students Living on the US/Mexico Border: Implications for Prevention. *Journal of American College Health* 51(4):163-167
- Key J., K. O'Rourke, S. McKinnon. 2005-2006. Efficacy of a secondary adolescent pregnancy program and ecologic analysis. *International Quarterly of Community Health Education*. 24(3): 231-240
- Burau, K., E. Shipp, S. Cooper, R. Frankowski, S. McKinnon, K. Walker. 2006. The Use of Concordant Respondents to Determine Occupational Hazards and Symptoms among Migrant Farmworkers. *Journal of Agromedicine* 11(1):17-26.

Almodovar, A., J. Tomaka, S. Thompson, S. McKinnon, and K. O'Rourke. 2006. Risk and Protective Factors as Predictors of Alcohol Use, Binge Drinking, Drunk Driving, and Alcohol-Related Problems among High School Students. *American Journal of Health Behavior* 30(6):745-752.

McKinnon S. and R.A. Hummer. 2007. The Association between Socioeconomic Status and Mortality Risk among Hispanics in the United States. In *The Health of Aging Hispanics*, edited by J. L. Angel and K. E. Whitfield. New York, NY: Springer Science+Business Media.

#### C. RESEARCH SUPPORT DURING THE LAST THREE YEARS

##### Ongoing Research Support

1 R01 HD049754 (W.P. Frisbie, PI) 09/01/06-08/31/08

National Institute of Child Health and Human Development  
Changing Race/Ethnic Disparities in Infant Mortality

This project investigates the tremendous changes in the structure of infant mortality patterns in the United States that have occurred over the past two decades, as major advances in Perinatal care have taken place. Although substantial absolute declines in the overall infant mortality rate (IMR) have occurred across all racial/ethnic groups, there has been a growing concern because of continued relative disparities in the risk of infant death between the non-Hispanic white majority and race/ethnic minorities (particularly blacks).

Role: Statistical analyst and consultant

5 R24 HD42849 (M.D. Hayward, PI) 07/01/07-06/30/12

National Institute of Child Health and Human Development  
Population Research Center

The purpose of this infrastructure grant is to support the core service of the Population Research Center, including the administrative, computing/information, and faculty development cores.

Role: Statistical analyst and consultant

1 R01 HD047816 (J.E. Potter, PI) 09/01/05-06/30/10

National Institute of Child Health and Human Development  
Oral Contraceptive Use along the US-Mexico Border

This project will assess whether women are as capable of screening themselves for contraindications to OC use as health professionals. Second, by comparing women recruited when they purchase OCs at pharmacies in Ciudad Juarez to controls recruited from family planning clinics in El Paso, the study will explore: women's motivations for buying OCs at each location, and the relation between procurement location and women's knowledge about OCs. Third, using a randomized controlled design, the team will investigate the role of a simple written instruction leaflet about OCs in conveying information to women obtaining pills in Mexican pharmacies. Finally, a cohort of OC users recruited from Mexican pharmacies and El Paso family planning clinics will be followed to assess whether their baseline decisions about OC procurement source are associated with satisfaction, compliance, continuation and unintended pregnancy.

Role: Statistical analyst and consultant

##### Completed Research Support

1 R01 HD41528 (J.E. Potter, PI) 07/01/02-06/30/07

National Institute of Child Health and Human Development  
The Fertility Transition in Brazil: 1960-2000

This project investigates relations among fertility, mortality, and development in Brazil using recent analyses of European historical experiences as a model and extending these models to answer fundamental questions about the nature and determinants of the demographic transition in a large developing nation.

Role: Research Assistant

**G. OTHER SUPPORT**

**(For individuals to receive salary or other support from the R24 during the first year of the grant. Decisions are pending on the Faculty Development Program, thus, research staff and faculty to receive salary during 7/1/08-6/31/09 have not been fully determined.) ADC=annual direct costs to PRC.**

**ACTIVE RESEARCH PERSONNEL****HAYWARD, MARK D.**

During the first year, Dr. Hayward's percent effort on the R24 grant is expected to be 1.0 calendar month. His remaining academic salary will come from the teaching budget of The University of Texas at Austin and 2.0 calendar months of summer support provided through the Office of the Provost. At no time is his combined effort over 100%.

**ACTIVE**

5 T32 HD07081 (R.A. Hummer)	06/01/03-04/30/08	no cost effort
National Institute of Child Health and Human Development Training Program in Population Studies	\$216,551 ADC	

This grant funds an interdisciplinary predoctoral and postdoctoral training program in population issues at the Population Research Center (PRC). The PRC is currently characterized by a very productive and academically broad group of researchers, with the greatest concentration in the Departments of Sociology, Human Ecology, and Economics, in that order.

Role: Member of the Population Studies Training Committee, Population Research Center

529-060417-00001A (M.D. Hayward)	05/15/06-08/31/08	no cost effort
Texas Health and Human Services Commission	\$17,391 ADC	

Raising Texas: Texas Early Childhood Comprehensive Systems (TECCS) Initiative: Formative Evaluation

This grant's plan is to create a seamless system through coordination and collaboration between and amongst agencies resulting in young children and their families receiving the information and services they need.

Role: Principal Investigator

1 R01 HD053696 (R.A. Hummer)	08/01/06-07/31/09	0.5 calendar
National Institute of Child Health and Human Development Educational Differences in U.S. Adult Mortality	\$207,894 ADC	

The overall goal of this project is to improve the understanding of the linkage between educational attainment and overall and cause-specific adult mortality within the population as a whole and among various subgroups of the adult population.

Role: Co-Investigator

**PENDING**

Grant No. Pending (P.M. Krueger)	07/01/05-06/30/10	0.48 calendar
NIH, University of Texas Health Science Center at Houston Health and Mortality Risks among Co-Resident Grandchildren, Parents, and Grandparents	\$25,975 ADC	

This project aims to conceptualize and guide work on race/ethnic and gender disparities in health, and health, and social status and health.

Role: Principal Investigator of subcontract

Grant No. Pending (C. Cubbin)	03/01/08-09/01/09	no cost effort
American Legacy Foundation Measuring Wealth in Health Disparities Research: Practical Recommendations	\$53,465 ADC	

This project aims to recommend feasible measures of wealth in population-based health surveys. Failure to measure wealth, then, may under-estimate the contribution of SES/position (SES) to health, such as when studying the etiology of racial/ethnic disparities.

Role: Co-Investigator

Grant No. Pending (J.L. Angel)	12/01/08-11/30/11	0.30 calendar
National Institute of Health Determinants of the Risks of Long-Term Care in Elderly Mexican Americans	\$250,000 ADC	

The purpose of this grant is to estimate the effects of changes in cognitive and physical function over the 10-year study period 1993 to 2004 for elderly Mexican Americans and their consequences on living arrangements.  
Role: Consultant

OVERLAP: There is no scientific or budgetary overlap on these projects.

### **HOPKINS, KRISTINE L.**

During the first year, Dr. Hopkins will receive 2.1 calendar months in salary support for her role as webmaster for the Population Research Center. Her remaining academic salary will come from the teaching budget of The University of Texas at Austin. There is no scientific overlap among the projects. Hopkins supplements her research salary by occasionally teaching a course within the Department of Sociology. At no time is her combined effort over 100%.

#### ACTIVE

1 R03 HD0475507 (K.L. Hopkins) 06/20/05-05/31/09 5.85 calendar  
National Institute of Child Health and Human Development \$51,158 ADC no-cost extension

Oral Conceptive Use on the US-Mexico Border: A Qualitative Study

This project will employ a prospective qualitative research design to identify the characteristics that either attract or repel family planning services along the border and will detail the processes involved in the compliance, continuation, and satisfaction with oral contraceptive use.

Role: Principal Investigator

1 R01 HD047816 (J.E. Potter) 09/01/05-06/30/10 no cost effort  
National Institute of Child Health and Human Development \$416,491 ADC

Oral Contraceptive Use along the US-Mexico Border

Data will be collected along the US-Mexico border along the twin cities of Ciudad Juarez, Mexico, and El Paso, Texas to compare the circumstances under which oral contraceptives are sold to women. The research will provide insight into the safety and compliance of oral contraceptive usage when over-the-counter access is available.

Role: Co-Investigator

0584900000GSS (J.E. Potter) 09/01/05-02/28/09 no cost effort  
John D. and Catherine T. MacArthur Foundation \$43,478 ADC

Demographic Change and Economic Wellbeing at the Local Level in Mexico and Brazil

This study will address the question of whether the "demographic dividend" that has recently been found for East Asia is occurring or likely to occur in the two largest countries of Latin America.

Role: Co-Investigator

Research Award (G. Ritter) 06/01/07-08/31/08 no cost effort  
Population Research Center, The University of Texas at Austin \$2,430 ADC

Mexican Origin Women's Relationships, Cohabitation, Marriage, and Childbearing: An In-depth Understanding of their Attitudes and Experiences

The purpose of this project is to better understand nonmarital childbearing among Mexican origin women.

#### PENDING:

None

OVERLAP: There is no scientific or budgetary overlap on these projects.

### **TREJO, STEPHEN J.**

During the first year of the R24 grant, Trejo will receive 1.0 calendar month in salary support for his role as the Coordinator of the Faculty Development Program. His remaining academic salary will come from the teaching budget of The University of Texas at Austin. There is no scientific or monetary overlap among the projects. At no time is his combined effort over 100%.

#### ACTIVE

1 R03 HD050574 (S.J. Trejo) 06/01/06-06/30/08 1.83 calendar  
 National Institute of Child Health and Human Development \$48,550 ADC  
 Intermarriage, Ethnic Identity, and the Intergenerational Progress of Mexican Americans  
 Using microdata from the 2000 U.S. Census and from recent years of the Current Population Survey, the proposed research will explore what factors influence whether individuals choose to identify themselves (or their children) as Mexican-origin, and how these ethnic choices may affect inferences about the intergenerational progress of Mexican Americans.  
 Role: Principal Investigator

0584900000GSS (J.E. Potter) 09/01/05-02/28/09 no cost effort  
 John D. and Catherine T. MacArthur Foundation \$43,478 ADC  
 Demographic Change and Economic Wellbeing at the Local Level in Mexico and Brazil  
 This study will address the question of whether the "demographic dividend" that has recently been found for East Asia is occurring or likely to occur in the two largest countries of Latin America.  
 Role: Co-Investigator

**PENDING**

Grant No. Pending (G.J. Borjas) 06/01/08-08/31/10 4.0 calendar  
 Smith Richardson Foundation, Harvard University \$33,277 ADC  
 Hispanic Integration in the United States  
 The objective of this grant is to write a definitive book that documents and examines the trends in the skills and socioeconomic performance of the Hispanic population, the differences between Hispanics and non-Hispanics, the differences among the groups that make up the Hispanic population, and the intergenerational mobility of Hispanics.  
 Role: Principal Investigator of subcontract

OVERLAP: There is no scientific or budgetary overlap on these projects.

**POWERS, DANIEL A.**

During the first year, Dr. Powers' percent effort on the R24 grant is expected to be 0.25 calendar months as Faculty Coordinator of the Computing and Information Services Core. His remaining academic salary will come from the teaching budget of The University of Texas at Austin. There is no scientific or monetary overlap among the projects. At no time is his combined effort over 100%.

**ACTIVE**

1 R01 HD043371-01 A2 (Y.C. Padilla) 06/01/04-04/30/09 no cost effort  
 National Institute of Child Health and Human Development \$177,162 ADC no-cost extension  
 Mexican American Child Health: Birth to Early Childhood  
 This project will identify the factors that influence the health and development of Mexican American children from birth through age 5 in a comparative context with non-Hispanic white and non-Hispanic black populations, to investigate how hypothesized protective factors present during pregnancy may or may not continue to sustain the health and development of Mexican American children beyond birth.  
 Role: Co-Investigator

1 R01 HD047816 (J.E. Potter) 09/01/05-06/30/10 no cost effort  
 National Institute of Child Health and Human Development \$416,491 ADC  
 Oral Contraceptive Use along the US-Mexico Border  
 Data will be collected along the US-Mexico border along the twin cities of Ciudad Juarez, Mexico, and El Paso, Texas to compare the circumstances under which oral contraceptives are sold to women. The research will provide insight into the safety and compliance of oral contraceptive usage when over-the-counter access is available.  
 Role: Co-Investigator

1 R01 HD09754 (W.P. Frisbie) 09/01/06-08/31/08 2.5 calendar  
 National Institute of Child Health and Human Development \$188,646

**Changing Race/Ethnic Disparities in Infant Mortality**

This project will model differentials (both relative and absolute) and changes over time in those differentials, in cause-specific infant mortality across a wide range of race/ethnic populations, taking nativity into account, and distinguishing infants born at low weights as well as those born at normal (or all) weights, that includes as wide a range of social risk factors as the data allow.

Role: Co-Investigator

R 01 AG026613 (D.J. Umberson)

05/01/06-04/30/10 no cost effort

National Institute on Aging

\$181,446 ADC

**Social Ties and Health Behavior Over the Life Course**

While a significant body of work establishes the link between marital status and health behavior, previous studies do not consider whether marital status is more strongly associated with health behavior at different points in the life course. Social ties other than marriage have received little attention in relation to health behavior. This project is designed to fill these gaps and create a comprehensive assessment of social ties and health behavior over the life course.

Role: Research Associate

PENDING

None

OVERLAP: There is no scientific or budgetary overlap on these projects.

**TECHNICAL STAFF**

The Other Support for Technical Staff is based on the 2007-08 fiscal year of The University of Texas, which runs from September 1, 2007 through August 31, 2008. Salaries will be allocated to state funds (indirect cost allocation), Provost funds, the R24 grant, and research and training grants for fiscal year 2008-09 (September 1, 2008 through August 31, 2009) according to the responsibilities of each individual staff member towards the goals of the funding source during that period. Percent effort will be similar to that shown, with some funding sources continuing and others replaced. The total allocation for each technical staff person will not exceed 100% effort during any period. It is anticipated that most technical staff will not be paid from the R24 grant during the second year until September 1, 2008.

**BOREN, STEVEN A. JR.****ACTIVE**

Office of the Provost

09/01/07-08/31/08 10.13 calendar

The University of Texas at Austin

\$125,000 ADC

This funding source provided 10.13 calendar months of Boren's salary in FY 2007-08.

BCS-0623856 (E.A. Vandewater)

09/01/06-08/31/11 1.5 calendar

National Science Foundation

\$68,682 ADC

**IRADS Collaborative Research: Influences of Digital Media on Very Young Children**

An interdisciplinary research team from the Children's Digital Media Center uses a multi-theoretical and multi-method approach to address how digital media influence infants' and very young children's attention and learning. The intellectual merit includes expansion of theory and method about how very young children learn from the digital media that permeate their daily experience, particularly how very young children learn to understand the symbol systems that convey the content.

This grant funded 1.5 calendar months of this position in FY 2007-08. Vandewater transferred her research grants to Research Triangle Institute International in January 2008.

1 R01 HD053696 (R.A. Hummer)

08/01/06-07/31/09 0.37 calendar

National Institute of Child Health and Human Development

\$207,894 ADC

**Educational Differences in U.S. Adult Mortality**

The overall goal of this project is to improve the understanding of the linkage between educational attainment and overall and cause-specific adult mortality within the population as a whole and among various subgroups of the adult population.

This grant funded 0.37 calendar month of this position in FY 2007-08.

**PENDING**

Grant No. Pending (C.L. Muller) 06/01/08-05/31/11 0.60 calendar  
National Science Foundation \$142,255 ADC

**STEM in the New Millennium: Preparation, Pathways, and Diversity**

This project will focus on how the convergence of different components of high school students' math and science preparation—their test scores, grades, and course-taking—impacts their transition into college and declaration of a STEM major. It will address one of the most critical challenges in higher education: How can educational institutions increase diversity in the STEM labor force by preparing students for success?

This grant is expected to fund 0.60 calendar months of Boren's salary in FY 2008-09.

Boren's salary for FY 2008-09 will be allocated to funds from the Office of the Provost or research grants as determined by responsibilities in these areas.

**BOZE, MARK****ACTIVE**

5 R25 HL075748 (M. Winkleby) 05/01/06-12/31/07 0.18 calendar  
National Heart, Lung, and Blood Institute; Stanford University \$30,313 ADC

**Neighborhood Level Influences on All-Cause Mortality**

This project is testing the independent and interrelated effects of the neighborhood social environment, neighborhood physical environment, and individual risk factors in predicting all-cause and CVD mortality in women and men.

This grant funded 0.18 calendar month of Boze's salary for FY 2007-08 for project related work.

5 R01 HD41463 (E.R. Anderson) 06/01/03-05/31/09 1.44 calendar  
National Institute of Child Health and Human Development \$213,975 ADC no-cost extension

**Parental Repartnering After Divorce**

This project is a longitudinal study of children and family adjustment to parental repartnering after divorce, using multiple methods and multiple informants. The goal is to document the developmental course of the transition into repartnering and the consequences of such transitions for adult and child behavioral and mental health and wellbeing.

This grant funded 1.44 calendar months of Boze's salary for FY 2007-08 for project related work.

5 R03 HD051673 (A. Villarreal) 01/01/06-03/31/09 0.38 calendar  
National Institute of Child Health and Human Development \$48,550 ADC no-cost extension

**Economic Liberalization and Social Inequality in Mexico**

The goal of this research project is to estimate the effect of these changes on poverty and inequality in a sample of over 100 metropolitan areas. Assessing the impact of economic liberalization on the distribution of income is important not only because inequality is a problem in itself, but because it has also been shown to have important negative consequences for economic development, political stability, health and educational outcomes, and violence.

This grant funded 0.38 calendar month of Boze's salary for FY 2007-08 for project related work.

HRD-0523046 (C.L. Muller) 09/01/05-08/31/08 1.0 calendar  
National Science Foundation \$113,464 ADC

**Gender Differences in Science and Math: Diversity and the Role of Social Context**

This study addresses how schools structure opportunities for adolescent girls and boys—of different races, ethnicities, social classes, and immigrant generational statuses—as they work toward preparation for careers in science and math.

This grant funded 1.0 calendar month of Boze's salary for FY 2007-08 for project related work.

5 R01 HD045691 (P.A. Morris) 06/01/06-05/31/09 0.40 calendar  
NICHD, Manpower Demonstration Research Corporation \$58,609 ADC  
Interventions, Economic Security, and Child Development

This project will continue work originally funded under the Next Generation Project. The research at UT-Austin will focus on the analyses of child care effects.

This grant funded 0.40 calendar month of Boze's salary for FY 2007-08 for project related work.

1 R03 HD056161 (S.E. Cavanagh) 06/01/07-05/31/09 0.40 calendar  
National Institute of Child Health and Human Development \$50,000 ADC

The Intergenerational Transmission of Family Instability

This project continues work initiated by the NICHD project on *Family Structure and Socio-Emotional Well-Being*, examining how the socio-emotional well-being of children, adolescents, and young adults is shaped by the marital histories of their parents.

This grant funded 0.40 calendar month of Boze's salary for FY 2007-08 for project related work.

5 R01 HD047816 (J.E. Potter) 09/01/05-06/30/10 0.83 calendar  
National Institute of Child Health and Human Development \$416,491 ADC

Oral Contraceptive Use along the US-Mexico Border

Data will be collected along the US-Mexico border along the twin cities of Ciudad Juarez, Mexico, and El Paso, Texas to compare the circumstances under which oral contraceptives are sold to women. The research will provide insight into the safety and compliance of oral contraceptive usage when over-the-counter access is available.

This grant funded 0.83 calendar month of Boze's salary for FY 2007-08 for project related work and is expected to fund at the same level in FY 2008-09.

ED-06-CO-0014 (J. Bos) 08/01/06-07/31/10 0.40 calendar  
Department of Education, WestEd, Berkeley Policy and Associates \$74,812 ADC

Evaluation of a Program for Infant/Toddler Caregivers

This project will test the effectiveness of PITC across the region to build the connection of infant/toddler care to school readiness, consistent with NCLB.

This grant funded 0.40 calendar month of Boze's salary for FY 2007-08 for project related work and is expected to fund at the same level in FY 2008-09.

0965 520 W232 1419 (G. Duncan) 02/01/07-01/31/09 0.75 calendar  
Spencer Foundation, Northwestern University \$83,375 ADC

A Comparative Study of School Readiness and Child Well-Being

This project will take part in secondary data analysis of the NICHD Study of Early Child Care and Youth Development (SECCYD) datasets in collaboration with Principal Investigator Greg J. Duncan (Institute for Policy Research, Northwestern University). Preliminary analyses will examine data from SECCYD Phase I and II.

This grant funded 0.75 calendar month of Boze's salary for FY 2007-08 for project related work.

5 U10 HD025460 (R. Bradley) 01/01/07-12/31/08 0.22 calendar  
NICHD, University of Arkansas at Little Rock \$44,671 ADC no-cost extension

NICHD Study of Early Child Care and Youth Development

This study is the most comprehensive child care study conducted to date to determine how variations in child care are related to child development. The study is supported by NICHD through a cooperative agreement that calls for a scientific collaboration between ten grantee institutions and NICHD staff.

This grant funded 0.22 calendar month of Boze's salary for FY 2007-08 for project related work.

5 R01 HD053696 (R.A. Hummer) 08/01/06-07/31/09 2.0 calendar  
National Institute of Child Health and Human Development \$207,894 ADC

Educational Differences in U.S. Adult Mortality

The overall goal of this project is to improve the understanding of the linkage between educational attainment and overall and cause-specific adult mortality within the population as a whole and among various subgroups of the adult population.

This grant funded 2.0 calendar months of Boze's salary for FY 2007-08 for project related work and is expected to fund at the same level in FY 2008-09.

Office of the Provost 09/01/07-08/31/08 4.0 calendar  
 The University of Texas at Austin \$125,000 ADC  
 This funding source provided 4.0 calendar months of Boze's salary in FY 2007-08.

**PENDING**

Grant No. Pending (J.L. Angel) 12/01/08-11/30/11 1.40 calendar  
 National Institute of Health \$250,000 ADC  
 Determinants of the Risks of Long-Term Care in Elderly Mexican Americans  
 The study seeks to clarify the most important determinants of older Mexican American's use of assisted-living facilities and nursing homes versus continued home care by employing the Hispanic Established Population for the Epidemiologic Study of the Elderly (H-EPESE), a longitudinal survey of a large, multistage probability sample of Mexican American elderly in five southwestern states.  
 This grant is expected to fund 1.40 calendar months of Boze's salary in FY 2008-09.

Grant No. Pending (J.L. Angel) 01/01/09-12/31/10 0.30 calendar  
 National Institute of Child Health and Human Development \$64,300 ADC  
 Conference on Aging in the Americas  
 The purpose of the proposed Conference Series is to gather a broad array of researchers addressing issues related to healthful aging as opposed to strictly epidemiologic studies of illness, morbidity, and mortality in the Mexican-origin population. We will include presentations on outcomes of morbidity and mortality as they relate to discussion of healthful aging topics.  
 This grant is expected to fund 0.30 calendar months of Boze's salary in FY 2008-09.

Boze's salary for FY 2008-09 will be allocated to funds from the Office of the Provost or research grants as determined by responsibilities in these areas.

**CELEDON, SYLVIA A.****ACTIVE**

State Indirect Cost Allocation (M.D. Hayward) 09/01/07-08/31/08 12.0 calendar  
 College of Liberal Arts, The University of Texas at Austin \$172,473 ADC  
 Return of overhead funded 12.0 calendar months of Celedon's salary in FY 2007-08 and is expected to provide 12.0 calendar months of her support in FY 2008-09.

**PENDING****None**

Celedon's salary is fully allocated for FY 2008-09.

**DE LA GARZA, MARY D.****ACTIVE**

5 T32 HD07081 (R.A. Hummer) 06/01/03-04/30/09 1.0 calendar  
 National Institute of Child Health and Human Development \$216,551 ADC  
 Training Program in Population Studies  
 This grant funds an interdisciplinary predoctoral and postdoctoral training program in population issues at the Population Research Center (PRC). The PRC is currently characterized by a very productive and academically broad group of researchers, with the greatest concentration in the Departments of Sociology, Human Ecology, and Economics, in that order.  
 This grant funded 1.0 calendar month of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

State Indirect Cost Allocation (M.D. Hayward) 09/01/07-08/31/08 11.0 calendar  
 College of Liberal Arts, The University of Texas at Austin \$172,473 ADC  
 Return of overhead funded 11.0 calendar months of De La Garza's salary in FY 2007-08.

**PENDING****None**

De La Garza's salary for FY 2008-09 will be allocated to state funds or training grants as determined by responsibilities in these areas.

**LAW, BENJAMIN A.**

ACTIVE

5 R01 HD050142 (S. Watkins) 03/27/05-05/31/09 0.69 calendar  
 NICHD, University of Pennsylvania \$62,744 ADC no-cost extension

Religious Organizations, Local Norms, and HIV in Africa

This project, a component of the University of Pennsylvania's Malawi Diffusion and Ideational Change Project Survey, seeks to identify the positive and negative influences that religious organizations have upon the spread of HIV/AIDS in Sub-Saharan Africa by means of a field study of congregations and their leadership.

This grant funded 0.69 calendar month of this position in FY 2007-08.

1 R03 HD050574 (S.J. Trejo) 06/01/06-06/30/08 0.35 calendar  
 National Institute of Child Health and Human Development \$48,550 ADC

Intermarriage, Ethnic Identity, and the Intergenerational Progress of Mexican Americans

Using microdata from the 2000 U.S. Census and from recent years of the Current Population Survey, the proposed research will explore what factors influence whether individuals choose to identify themselves (or their children) as Mexican-origin, and how these ethnic choices may affect inferences about the intergenerational progress of Mexican Americans.

This grant funded 0.35 calendar month of this position in FY 2007-08.

88-06-12 (C.L. Muller) 09/01/06-08/31/09 0.41 calendar  
 Russell Sage Foundation \$44,411 ADC

The Roles of Language and Education in Immigrant Adolescents' Civic Integration during the Transition to Adulthood

This study explores the interplay of language with adolescents' academic and social experiences in high schools as pathways that contribute to their language proficiency and use in early adulthood and, in turn, to the development of their civic identity, awareness and involvement.

This grant funded 0.41 calendar month of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

5 R01 AG010939 (K. Markides) 01/15/04-11/30/08 0.10 calendar  
 National Institute on Aging, University of Texas Medical Branch \$54,349 ADC

Longitudinal Study of Mexican American Elderly Health

The aim of the project is to conduct two in-person follow-ups of the Hispanic EPESE (Established Population for Epidemiologic Study of the Elderly), a longitudinal study of a representative sample of 3,050 Mexican Americans aged 65 and over residing in Texas, New Mexico, Colorado, Arizona and California providing for a total of six contacts over a twelve-year period (1993-2006).

This grant funded 0.10 calendar month of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

2609 (R.L. Crosnoe) 07/01/04-06/30/09 0.58 calendar  
 William T. Grant Foundation \$65,116 ADC

Education as a Developmental Phenomenon

This project will explore the intertwining of adolescents' individual trajectories with their social convoys within larger contexts by applying growth curve and multi-level modeling techniques to multi-source survey and school transcript data from two nationally representative studies of American adolescents: the National Educational Longitudinal Study (NELS: 88-92) and the National Longitudinal Study of Adolescent Health.

This grant funded 0.58 calendar month of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

1 R01 HD047816 (J.E. Potter) 09/01/05-06/30/10 0.39 calendar  
 National Institute of Child Health and Human Development \$416,491 ADC

Oral Contraceptive Use along the US-Mexico Border

Data will be collected along the US-Mexico border along the twin cities of Ciudad Juarez, Mexico, and El Paso, Texas to compare the circumstances under which oral contraceptives are sold to women. The research will provide insight into the safety and compliance of oral contraceptive usage when over-the-counter access is available.

This grant funded 0.39 calendar month of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

Office of the Provost	09/01/07-08/31/08	2.99 calendar
The University of Texas at Austin	\$125,000 ADC	

This funding source provided 2.99 calendar months of Laws' salary in FY 2007-08.

### PENDING

Grant No. Pending (C.E. Ross)	12/01/08-11/30/09	1.56 calendar
National Institute of Health	\$250,000 ADC	

Socioeconomic Status, Neighborhoods, and Health

The proposed project will consider the differences between what a measure indicates on the personal level that might affect health and what concept it indicates on the aggregate level that might affect health. Distinct concepts on the two levels likely have different associations with health and different pathways to health.

This grant is expected to fund 1.56 calendar months of Laws' salary in FY 2008-09.

Grant No. Pending (W. Yu)	07/01/08-06/30/10	0.10 calendar
National Institute of Child Health and Human Development	\$50,000 ADC	

Economic Restructuring and Social Mobility in Japan

The overall goal of this research project is to estimate the consequences of Japan's transformation on individuals' economic mobility and wellbeing.

This grant is expected to fund 0.10 calendar months of Laws' salary in FY 2008-09.

Laws' salary for FY 2008-09 will be allocated to funds from the Office of the Provost or research grants as determined by responsibilities in these areas.

### **MCKINNON, SARAH**

#### ACTIVE

R 01 HD09754 (W.P. Frisbie)	09/01/06-08/31/08	1.68 calendar
National Institute of Child Health and Human Development	\$188,646 ADC	

Changing Race/Ethnic Disparities in Infant Mortality

This project will model differentials (both relative and absolute) and changes over time in those differentials, in cause-specific infant mortality across a wide range of race/ethnic populations, taking nativity into account, and distinguishing infants born at low weights as well as those born at normal (or all) weights, that includes as wide a range of social risk factors as the data allow.

This grant funded 1.68 calendar months of this position in FY 2007-08.

UTA08-009 (E.A. Vandewater)	03/01/07-08/31/08	0.30 calendar
Michael Cohen Group	\$49,145 ADC	

The Ready to Learn Partnership: A Summative Evaluation

The goals of this project are to recruit schools and participants into the study and develop measures that will be incorporated into the primary data collection efforts.

This grant funded 0.30 calendar month of this position in FY 2007-08. Vandewater transferred her research grants to Research Triangle Institute International in January 2008.

HRD-0523046 (C.L. Muller)	09/01/05-08/31/08	3.07 calendar
National Science Foundation	\$113,464 ADC	

Gender Differences in Science and Math: Diversity and the Role of Social Context

This study addresses how schools structure opportunities for adolescent girls and boys—of different races, ethnicities, social classes, and immigrant generational statuses—as they work toward preparation for careers in science and math.

This grant funded 3.07 calendar months of this position in FY 2007-08.

Office of the Provost	09/01/07-08/31/08	6.95 calendar
The University of Texas at Austin	\$125,000 ADC	

This funding source provided 6.95 calendar months of McKinnon's salary in FY 2007-08.

**PENDING**

Grant No. Pending (C.L. Muller)	06/01/08-05/31/13	1.30 calendar
National Science Foundation	\$264,777 ADC	

Collaborative Research: The Freshman Experience and Beyond: Students STEM Curriculum and the Social Context

This study will build on distinct literatures in education and the social sciences to produce a rigorous understanding of how curricular practices and social processes influence academic success during the freshman year at three selective public universities across the nation.

This grant is expected to fund 1.30 calendar months of McKinnon's salary in FY 2008-09.

McKinnon's salary for FY 2008-09 will be allocated to funds from the Office of the Provost or research grants as determined by responsibilities in these areas.

**POLANCO, ADAM J.**

**ACTIVE**

State Indirect Cost Allocation (M.D. Hayward)	09/01/07-08/31/08	12.0 calendar
College of Liberal Arts, The University of Texas at Austin	\$172,473 ADC	

Return of overhead funded 12.0 calendar months of Polanco's salary in FY 2007-08 and is expected to provide 12.0 calendar months of his support in FY 2008-09.

**PENDING**

None

Polanco's salary is fully allocated for FY 2008-09.

**SHEPHERD, SCOTT T.**

**ACTIVE**

Office of the Provost	09/01/07-08/31/08	12.0 calendar
The University of Texas at Austin	\$125,000 ADC	

This funding source provided 12.0 calendar months of Shepherd's salary in FY 2007-08.

**PENDING**

Grant No. Pending (C.L. Muller)	01/01/09-12/31/11	0.20 calendar
National Science Foundation	\$59,756 ADC	

Collaborative Research: Students with Learning Disabilities: STEM Pathways in the Social Context

This proposed study will analyze the pathways to gaining STEM knowledge and literacy and for entering STEM fields for adolescents with learning disabilities as they transition to adulthood.

This grant is expected to fund 0.20 calendar month of Shepherd's salary in FY 2008-09.

Grant No. Pending (R.L. Crosnoe)	06/01/08-05/31/11	1.20 calendar
National Institute of Child Health and Human Development	\$200,000 ADC	

Race/Ethnicity, Poverty, and The Connection between Child Health and Early Education

This project will delve into this timely public health issue by investigating whether race/ethnic and economic disparities, respectively, in physical and mental health disrupt the transition into elementary school in ways that may contribute to broader patterns of inequality decades later.

This grant is expected to fund 1.20 calendar months of Shepherd's salary in FY 2008-09.

Shepherd's salary for FY 2008-09 will be allocated to funds from the Office of the Provost or research grants as determined by responsibilities in these areas.

### **THOMSON, MEGHAN D.**

#### ACTIVE

5 T32 HD07081 (R.A. Hummer)	06/01/03-04/30/09	2.03 calendar
National Institute of Child Health and Human Development Training Program in Population Studies	\$216,551 ADC	

This grant funds an interdisciplinary predoctoral and postdoctoral training program in population issues at the Population Research Center (PRC). The PRC is currently characterized by a very productive and academically broad group of researchers, with the greatest concentration in the Departments of Sociology, Human Ecology, and Economics, in that order.

This grant funded 2.0 calendar months of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

SES-0552949 (R.A. Hummer)	04/01/06-03/31/09	1.0 calendar
National Institute of Child Health and Human Development REU Site: Undergraduate Research in Minority Group Demography	\$216,551 ADC	

The REU site has recruited undergraduates who are thinking about careers in social science. "Minority Group Demography" has been the organizing principle for our REU research program.

This grant funded 1.0 calendar month of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

1 R01 HD047816 (J.E. Potter)	09/01/05-06/30/10	1.0 calendar
National Institute of Child Health and Human Development Oral Contraceptive Use along the US-Mexico Border	\$416,491 ADC	

Data will be collected along the US-Mexico border along the twin cities of Ciudad Juarez, Mexico, and El Paso, Texas to compare the circumstances under which oral contraceptives are sold to women. The research will provide insight into the safety and compliance of oral contraceptive usage when over-the-counter access is available.

This grant funded 1.0 calendar month of this position in FY 2007-08 and is expected to fund at the same level in FY 2008-09.

State Indirect Cost Allocation (M.D. Hayward)	09/01/07-08/31/08	7.97 calendar
College of Liberal Arts, The University of Texas at Austin Return of overhead funded 7.97 calendar months of Thomson's salary in FY 2007-08.	\$172,473 ADC	

#### PENDING

#### None

Thomson's salary for FY 2008-09 will be allocated to state funds or training grants as determined by responsibilities in these areas.

### **H. RESPONSES TO SNAP QUESTIONS**

#### **H.a. Has there been a change in the other support of key personnel since the last reporting period?**

Changes in other support are reported under section G., directly preceding this section.

#### **H.b. Will there be, in the next budget period, a significant change in the level of effort for key personnel from what was approved for this project?**

The level of effort for key personnel has somewhat been reduced by the overall reduction in the approved budget from the budget which was submitted in December 2006. The effort reduction for Mark D. Hayward had been reduced because a portion of his summer effort will be covered the Office of the Provost for his directorship so that R24 funds may be used for more interdisciplinary research.

**H.c. Is it anticipated that an estimated unobligated balance (including prior year carryover) will be greater than 25 percent of the current year's total budget?**

There will be no unobligated balance on June 30, 2008.

## I. PROGRESS REPORT

The Population Research Center (PRC) of the University of Texas at Austin (UT) is funded in part by Infrastructure Grant Number 1 R24 HD42849 from the National Institute of Child Health and Human Development (NICHD). This text reports on activities undertaken during the sixth year of our R24 Infrastructure Grant, which encompasses the period of May 1, 2007, through April 30, 2008, with some reporting going back to the January 1st to April 30th period of 2007 as well.

### I.a. SUMMARY OF OBJECTIVES, SIGNATURE THEMES, AND INFRASTRUCTURE COMPONENTS

The purpose of the PRC's Infrastructure Grant from NICHD is to provide the intellectual and infrastructural resources necessary for the highest level of population research and training. The PRC serves a very productive, interdisciplinary group of over 65 population-scientists at UT. Those infrastructural resources held in common include state-of-the-art administrative, computing, and program development resources which support both individual and collaborative research agendas. Hailing from 14 departments across the university, researchers are supported by active collaborators and mentors within the PRC, topical working groups and a Brownbag Series to encourage intellectual exchange and idea development, and dedicated space to encourage and facilitate formal and informal communication and to conduct research and training activities. Culturally, the PRC is oriented toward supporting the submission and administration of federal and foundation grants, the production and dissemination of the highest level of population related knowledge, and rigorous training activities that orient undergraduate, graduate, and postdoctoral students towards population-related careers in the United States and abroad. These goals are accomplished within an environment that is intellectually stimulating and demographically diverse, and which emphasizes the support and mentoring of junior-level faculty researchers. Indeed, one of the key aims of the Project Development Core of the PRC is to help junior investigators submit competitive grant proposals to federal agencies.

PRC researchers are especially renowned for their research in five over-lapping and reinforcing thematic areas: Health Disparities; Religion and Demographic Processes; Children, Youth and Families: Education and the Transition to Adulthood; and Latin American and Border Demography. Underlying the work of the PRC is a foundation that emphasizes: 1) fundamental attention to issues of social and economic inequality, particularly by race/ethnicity, gender, and socioeconomic status; 2) rigorous attention to, and application of, the most appropriate and advanced methodological techniques; and 3) an orientation toward federal and major foundation grant funding and publication of research findings in top quality scientific journals.

The PRC's infrastructure includes three cores whose overall objective is to provide support for population research at UT and, by extension, for the field as a whole. The primary objectives of the *Administration Core*, under the faculty leadership of Mark Hayward and the staff leadership of Mary de la Garza, are to facilitate the initiation and completion of population-based research and to promote the interdisciplinary growth and collaborative nature of PRC research. A number of strategies are utilized to advance these objectives. To facilitate population-based research, this core provides services that promote and expedite the writing and submission of grant applications and provides efficient and cost-effective administrative and managerial support to funded projects. To foster interdisciplinary, collaborative research, this core aids in the coordination and administration of the center's Brownbag Series and the arrangements of in-house conferences, meetings, and travel activities of PRC researchers. In addition, this core disseminates information concerning research opportunities and coordinates the administrative details required in formalizing research agreements between institutions, both within and outside the United States. Further, the Director, Associate Director (Stephen Trejo), and staff members of this core frequently meet with faculty members on an individual basis and in small groups to educate and mentor faculty research associates concerning grant submissions and strategies.

The aim of the second core, *Computing Services*, under the faculty leadership of Dan Powers and the staff leadership of Steve Boren, is to provide the highest quality computing infrastructure and services to researchers and the other cores of the PRC, at the lowest possible cost to the center and to projects, and with the highest possible efficiency and security. During the prior funding cycle of the PRC, it became clear that substantial changes were needed in computing and information services to take advantage of the growth in electronic and information resources provided by UT. This led to a merger of the PRC's print collection with the university's central library system. This also freed up funds to enable new support to be dedicated to

statistical and web programming services within the core. A statistical programmer, Sarah McKinnon, was added to the core, and increased support from 15% to 25% was provided for the center's webmaster position held by Kristine Hopkins.

The objective of the third core, *Project Development*, under the faculty leadership of Mark Hayward and Steve Trejo, and with staff support from the Administration and Computing Cores of the PRC, is to provide faculty members with mentors and seed grant financial support to develop nascent research ideas, attract new researchers to the PRC, and increase the overall grant and publication activity of the Center. Over the past several years, the PRC has utilized in-house and NICHD funds to provide financial support and formal mentoring (in a series of summer workshops led by Mark Hayward and Elizabeth Vandewater) to researchers who were developing federal grant proposals. Although the amount of financial support for each nascent project has been modest, the results have been very positive. This past year, newly funded projects that resulted from seed grant investments included Chandra Muller (NSF), Shannon Cavanagh (NICHD), Kristine Hopkins and Cynthia Osborne (Texas Department of Health Services), Bugao Xu (NIH), and Catherine Cubbin (American Legacy Foundation). Another set of projects is already in development for this summer (Keith Robinson, Brian King, Cynthia Osborne, and Kelley Crews), and several others (from last summer or two summers ago) are currently in revision, including very promising projects led by Su Yeong Kim (NICHD), Tim Loving (NICHD), and Chandra Muller (NSF). In addition, three projects received very good priority scores in this last round at NICHD and are expected to be funded. These projects are led by Patrick Krueger (UT-SPH) in collaboration with Mark Hayward, Wei-Hsin Yu, and Su Yeong Kim. This core also is responsible for developing and sustaining the center's topical working groups. The two major topical working groups, Transition to Adulthood and Health and Mortality, are thriving in terms of heavy faculty and student participation and the development of new collaborations and projects.

#### **I.b. CHANGES IN KEY SCIENTIFIC AND TECHNICAL PERSONNEL**

*Faculty Research Associates.* Over the past year, two population scientists joined the UT faculty and became Faculty Associates of the PRC, Keith Robinson (Sociology) and Rebeca Wong (Preventive Medicine and Community Medicine, UTMB). Robinson received his Ph.D. in Sociology from the University of Michigan. His research focuses on the determinants and implications of test score (achievement) for inequality in K-12 education. Robinson's work highlights the extent to which family and school factors contribute to achievement inequality, and suggests ways to equalize these differences. Before joining the PRC, Rebeca Wong was on the faculty at the University of Maryland. As was the case with Patrick Krueger, Wong's recruitment was an effort by UT-System to strengthen research and training ties between its health science campuses and UT-Austin. Since her arrival, a small working group involving UTMB and PRC faculty has already been formed to develop ideas around the general topic of comparative aging and health in the U.S. Hispanic and Mexican populations. Wong is one of the nation's experts in advancing a cross-national perspective to investigate population health and aging processes, and she was the co-principal investigator of a major NIA-funded prospective of health and aging in Mexico, the Mexican Health and Aging Study (MHAS).

Over the past two years, the PRC recruited two outstanding research assistant professors, Catherine Riegler-Crumb and Catherine Cubbin. Through negotiations with UT's administration, Hayward was able to secure two tenure-track faculty positions targeted at the recruitment of Riegler-Crumb and Cubbin. Riegler-Crumb became an Assistant Professor of Curriculum and Instruction in UT's School of Education in the Fall of 2007, and Cubbin will become an Assistant Professor of Social Work in the Fall of 2008. These appointments bring additional stability to key areas of strength in the PRC, education and the transition to adulthood and health disparities. These appointments also signify continued outstanding support by UT's administration and increased diversity in the PRC's departmental diversity. Cubbin's research is in the area of health, race/ethnic disparities, and social policy and she has a federally-funded subcontract by NHLBI through Stanford University (PI Marilyn Winkleby) and is examining neighborhood-level influences on all-cause mortality. She also has a second project funded by the American Legacy Foundation to investigate alternative approaches to measuring wealth in population health surveys. Riegler-Crumb is the Co-Principal Investigator, along with Chandra Muller, on an NSF project to study the role of social context in influencing the gender differences seen in science and math and she has published several papers examining course-taking trajectories in relation to gender and race/ethnicity.

Two faculty who were already members of the UT faculty sought affiliation with the PRC in the past year, and PRC's Governance Committee awarded them Research Associate status. These faculty members are David Leal and Brian King. A Ph.D. in political science from Harvard, Leal is Associate Professor of Government and a Faculty Associate of the Teresa Lozano Long Institute of Latin American Studies. His primary research focuses on Latino politics, and his work explores a variety of questions involving public opinion, political behavior, and public policy. He has published over two dozen articles in journals such as *Journal of Politics*, *British Journal of Political Science*, *Political Research Quarterly*, *Educational Policy*, *American Politics Research*, *Political Behavior*, *Social Science Quarterly*, *PS: Political Science & Politics*, *Armed Forces & Society*, and *Urban Education*, and he has received funding for his work from Carnegie and the Spencer Foundation. Brian King received his Ph.D. in Geography from the University of Colorado and is Assistant Professor of Geography and the Environment. King's research concentrates on human-environment interactions, conservation planning, and the impacts of development processes upon local populations. His doctoral dissertation "In the Shadow of Kruger: Community Conservation and Environmental Resource Access in the Former Kanguwane Homeland, South Africa" is based on fourteen months of fieldwork in South Africa examining changing livelihoods, conflicts surrounding historical and contemporary governance systems, and the impacts of conservation and development initiatives in the post-apartheid era. More recently, King has been developing a project to investigate the impacts of health and disease on social and environmental systems with the intention of understanding how local environments are transformed by HIV/AIDS. Leal's appointment adds new strength to the PRC's initiative in Latin American and Border Demography, while King's appointment strengthens the PRC's efforts to develop research in population geography.

A number of faculty searches were conducted over the past year, and some of these are still on-going. These searches, along with the creation of the two new tenure-track positions described above, were generated by UT's commitment made to Mark Hayward to recruit 10 additional population scientists over a 4-5 year period. The searches were conducted in the departments of Sociology (two junior positions), Geography and the Environment (one junior position), Economics (one senior position), Government (one senior position), and Anthropology (one senior position). Thus far, two offers have been accepted (one in Sociology and the other in Geography and the Environment), two offers have been made to candidates and negotiations are underway (one in Sociology and the other in Economics), one offer has been rejected (the senior position in Government), and the search in Anthropology is on-going with a target date of Fall 2009. Tetyana Pudrovska will join the Sociology faculty in the Fall of 2008. She is a Ph.D. candidate and social demographer trained at the University of Wisconsin. Her dissertation investigates the consequences of motherhood and fatherhood for psychological well-being in mid- and late-life. Her primary interests focus on family and bio-demographic origins (e.g., fertility timing) of later life health. Recent publications have appeared in the *Journal of Marriage and the Family* and the *Journals of Gerontology: Social Sciences*. Pudrovska will add new strength to the PRC's Health Disparities program. Adina Batnitzky will join the Geography faculty in January of 2009. Batnitzky is a social demographer trained at Brown University, and she is completing her postdoctoral work at Oxford University's Centre for Environment. Batnitzky's thesis examined the health consequences of unequal divisions of household labor on women's health in Morocco. Currently, she is engaged in a comparative study of the influences of gender roles and religion on women's obesity in Morocco and India. Much of Batnitzky's work focuses on issues intersecting migration, gender, religion and health.

In addition to reporting on new Faculty Research Associates, the PRC reports the departure of Angel Harris (Sociology). Harris joined the PRC in the Fall of 2006, but was recruited in the past year by Princeton University. Elizabeth Vandewater (Human Development) and Emily Skop (Geography and the Environment), also left UT. Vandewater took a Research Scientist position at Research Triangle Institute, joining a group of researchers investigating childhood obesity. Skop moved to the University of Colorado, Colorado Springs, where she joined the department of Geography and Environmental Studies.

*Technical Personnel.* Since the last annual report on our R24 grant, there have been a number of changes in the PRC's technical staff. Starling Pullum and Cecilia Dean retired. Pullum was the manager of Computing Services and Dean managed the Administration Core. Sidney Bramer, a grants administrator specializing in pre-award grant services, left the center because of health problems.

Mary de la Garza took over as manager of the Administration Core, and Steve Boren was appointed as manager of the PRC's Computing Services Core. Both de la Garza and Boren are outstanding managers as well as highly knowledgeable about the technical services in their respective cores. De la Garza, BA in Sociology and Operations Management, has been a member of the Administration Core since 2003, and has in-depth experience in the full range of activities within the core. Steve Boren, BS in Biology, has been a member of the PRC's Computing Core since 1998, and he served as the PRC's Windows Systems and Network Administrator since 2005. Especially important for the center's overall quality and development of administrative and computing services, de la Garza and Boren have a long history of collaboration and joint project development involving their respective cores. This collaboration has led to a number of technological refinements in the Administration Core (e.g., new approaches to preserving and archiving electronic documents) as well as new information technologies being developed for use throughout the center (e.g., the development of new software to create temporary web documents to facilitate the large scale distribution of information).

In the PRC's last R24 application, we noted that two searches were being conducted in the Computing Services Core. Both searches yielded outstanding staff. Sarah McKinnon joined the core as a Statistical Programmer, and Ben Laws joined the core as a Unix Administrator. McKinnon received her MPH from the University of Texas School of Public Health and has over eight years of experience as a statistical programmer. Laws has a BSc in Computer Science from Texas A&M University, and systems analyst and LAN administrator. Laws was previously a staff member of the Computing Services core (2004-06) and the center is delighted that he has rejoined the core. The Administration Core is currently in the midst of a search for a pre-award grants specialist and a successful completed search is anticipated within the next several weeks.

### **I.c. SUMMARY TABLE AND DESCRIPTION OF RESEARCH SUPPORT**

The Summary Table of PRC Research Support for the calendar year 5/1/07-4/30/08 is shown on the next three pages. The report lists the amount (total costs) of grants and contracts to PRC faculty research associates separately in seven categories: NICHD Center Grant; Other NICHD Grants; Other NIH Grants; NSF Grants; Other Federal Grants; Foundation Grants; and UT Institutional Grants and Awards. A total column is also listed.

Overall, the table shows substantial grant activity in the PRC that was active in the past year—much of which will continue to be active in the next year or more as well. Roughly 44% of the PRC's grant portfolio comes from NICHD (about 4.7% from the R24 Center Grant and 39.3% from research awards). This percentage is slightly up from the previous year. Several new NICHD grants started during the period – Cavanagh (R03), Crosnoe (R01) and Vandewater (R01), with three others expected to be funded in summer 2008 – Yu (R03), Kim (R03) and Krueger (R03). The portfolio for the reporting period includes 9 R01 awards (Anderson, Frisbie, Hummer, Huston, Muller, Padilla, Potter (2), and Vandewater) and 7 R03 awards (Cavanagh, Crosnoe, Hopkins, Raley, Regnerus, Trejo, and Villarreal) on which a UT faculty member is the principal investigator. One NICHD Training Grant is also listed: our institutional T32 training grant (Potter/Hummer). The others that are listed in the NICHD column (R. Angel, Crosnoe, Harris, Huston, Matjasko, Regnerus, and Vandewater) are those on which our principal investigator is a sub-contractor to another institution.

An additional 4.9% of our portfolio (including 2 R01 awards from NIA by Catherine Ross and Debra Umberson respectively) come from other NIH institutes. Another 7.3% of our portfolio comes from NSF awards, including current research and training projects headed by Ronald Angel (2 awards), Kelly Crews (2 awards), Robert Hummer (3 training awards), Chandra Muller, Joe Potter, Elizabeth Vandewater (2 awards), and Ken Young (2 awards). Foundation and private industry awards comprise another 20.6% of our grant portfolio, most notably from the W. T Grant Foundation, the Spencer Foundation, and the Templeton Foundation. This category also includes funding for studies being conducted for the state of Texas. Internal awards from UT comprise the last 14% of our portfolio.

**SUMMARY TABLE OF RESEARCH SUPPORT 5/1/07-4/30/08**

PRC PI	Source	Project No.	Total Current	R24	Other NICHD	Other NIH	NSF	Other Federal	Other Fdns Industry	Parent Inst
<b>Grants/Contracts</b>										
Hayward	NICHD R24, Yr 1	R24 HD042849	550,082	550,082						
Anderson	NICHD Parental Repartnering	R01 HD041463	319,263		319,263					
Angel J	UT LBJ Research in Aging and Health	Award	2,000							2,000
Angel R	NIA/UT Galveston Mex Amer Health	R01 AG010939	79,423			79,423				
Angel R	NICHD/Johns Hopkins Welfare & Fam	R01 HD036093	68,260		68,260					
Angel R	NSF Civil Society & the State	CMS-0555113	98,712				98,712			
Angel R	NSF Cross-Natl Comparison	SES-0623542	6,296				6,296			
Angel R	UT Faculty Development Social Services	Award	27,500							27,500
Bronars	UT Faculty Develop Employment Dynamics	Award	77,915							77,915
Bronars	UT Leroy Denman Regents Professorship	Award	10,000							10,000
Buckley	ACTR/ACCELS Temp Labor Migration	Award	18,450						18,450	
Buckley	NEEER HIV/AIDS in Southern Caucasus	Award	18,134						18,134	
Cavanagh	NICHD Intergenerational Transmission	R03 HD056161	74,423		74,423					
Cavanagh	UT CWGS Changing Family Structure	Award	2,000							2,000
Collins	Fdn Com Empower, M Williams Food Choice	Award	6,000						6,000	
Collins	Dean Rappoport/King Mentor Award	Award	1,000							1,000
Crosnoe	NICHD Soc Margin Adolescents	R03 HD047378	73,065		73,065					
Crosnoe	WT Grant Fdn Ed Dev Phenomenon	Award	70,000						70,000	
Crosnoe	NICHD/Univ Ark Early Child Care	U10 HD025460	53,080		53,080					
Crosnoe	NICHD Poverty, Child Development	F31 HD 055151	29,232		29,232					
Crews	NSF Conservation Western Amazon	BCS-0726797	12,000				12,000			
Crews	NSF Land Change Peruvian Amazon	BCS-0623229	12,000				12,000			
Crews	UT Lib Arts GIS Support	Award	32,500							32,500
Cubbin	NHLBI/Stanford All-Cause Mortality	R01 HL067731	45,470			45,470				
Ellison	NSF Religiosity Subjective	SES-0727088	7,500				7,500			
Ellison	Association for the Sociology of Religion	Award	2,500						2,500	
Ellison	Kauffman Relig & Entrepreneurship	20060535	32,114						32,114	
Ellison	Adams Sr Centennial Professorship	Award	15,000							15,000
Frisbie	NICHD Changing Race/Ethnic	R01 HD049754	279,019		279,019					
Glenn	DHHS/TX Tx Healthy Marriage Survey	529-95-0127	394,885					394,885		
Glenn	UT Liberal Arts, Stiles Professorship	Award	16,337							16,337
Hamermesh	US Dept Agriculture Goods, Grazing, Girth	58-4000-6-0055	29,000					29,000		
Hamermesh	NSF Food Consumption & Obesity	SES-0551327	6,000				6,000			
Hamermesh	Hale Professorship	AL-090194	11,253							11,253
Harris	NICHD/U Mich Enchance Child Develop	R01 HD044027	22,265		22,265					
Hopkins	NICHD Oral Contraceptive Use	R03 HD047507	73,238		73,238					
Hummer	NICHD Ed Differences Adult Mortality	R01 HD053696	264,491		264,491					
Hummer	NSF REU Site Minority Group Demog	SES-0552949	93,514				93,514			
Hummer	NSF SBES Alliance Diversifying Ed SBE	SES-0750597	40,000				40,000			
Hummer	NSF Diversifying Ed in SBE Sciences	SES-0549041	60,000				60,000			
Hummer	NICHD Population Studies Yr 31	T32 HD007081	337,870		337,870					
Huston A	NICHD Income & Employment	R01 HD36038	594,135		594,135					
Huston A	NICHD/MDRC Interventions Child	R01 HD045691	84,514		84,514					
Huston A	Spencer Fdn/NWU School Readiness	0965 520 W232 1419	95,881						95,881	
Huston A	DOE/WestEd/Berkeley PA Eval Infant	ED-06-CO-0014	109,573					109,573		
Huston A	Flawn Professorship	AL-090196	132,086							132,086
Huston T	Amy Johnson McLaughlin Professorship	Award	17,814							17,814
Kim	Jacobs Fdn Parent-Child Acculturation	Award	5,000						5,000	
Kim	UT Vice Pres Rsch Mediating Role Parenting	Award	6,000							6,000
Knapp	UT Walter Webb Prescott Chair	Award	21,741							21,471
Lein	TX Attorney General New Parent Outreach	06-C0383	40,000						40,000	
Lein	Luther Disaster Response Disaster Response	Award	51,920						51,920	
Lein	Catholic Charities Disaster Resp Charities	UTA06-853	50,000						50,000	
Lein	EveryChild Inc Assessment Project	UTA07-081	75,000						75,000	
Lein	TX Workforce Com Child Care Survey	3207600354	281,837						281,837	
Lein	Girlstart Inc Assessment Project	UTA08-194	25,300						25,300	
Lein	TX Workforce Com Child Care Survey FY08	2908IAP008	287,474						287,474	
Loving	UT Vice Pres Research Stress of Love	Award	6,000							6,000
Matjasko	NICHD/NWU Welfare Reform	R01 HD36093	16,522		16,522					

PRC PI	Source	Project No.	Total Current	R24	Other NICHD	Other NIH	NSF	Other Federal	Other Fdns Industry	Parent Inst
Matjasko	Casey Fdn/NWU Welfare Reform	0980 520 W298 1368	18,000						18,000	
Muller	Russell Sage Fdn Role Lang and Ed	88-06-12	50,119						50,119	
Muller	NSF Gender Differences in Science	HRD-0523046	167,464				167,464			
Muller	NICHD Adolescent Health and Supplement	R01 HD40428	443,469		443,469					
Osborne	USHHS, TXHHS Raising Texas	529060417	32,110					32,110		
Osborne	USHHS, TX OAG Parenting Paternity Aware	06-C0455	40,000					40,000		
Osborne	Sm Richardson Fdn Marr Beneficial Children	2006-6105	60,000						60,000	
Osborne	UT Policy Research Marr Protective Children	Award	15,000							15,000
Osborne	UT SH Spurr Fellowship Social Policy Poverty	Award	2,000							2,000
Osborne	UT CWGS Protective Influences Marriage	Award	2,000							2,000
Padilla	NICHD Mex Amer Child Health & Supple	R01 HD043371	307,497		307,497					
Potter	NICHD Population Studies Yr 30	T32 HD007081	228,497		228,497					
Potter	NICHD Oral Contraceptive Use	R01 HD047816	422,654		422,654					
Potter	MacArthur Demographic Change	058490000GS	50,000						50,000	
Potter	Hewlett Fdn Population Issues	2003-4592	120,000						120,000	
Potter	NICHD Fertility Transition in Brazil	R01 HD41528	248,091		248,091					
Potter	NSF Childbearing Pref Crisis	SES-0623543	7,495				7,495			
Raley	NICHD Adolescent Social Relations	R03 HD047331	70,723		70,723					
Regnerus	NICHD/Univ Penn Relig Org & HIV	R01 HD050142	94,116		94,116					
Regnerus	NICHD Race & Religion in Adolescents	R03 HD048899	71,919		71,919					
Regnerus	UT Graduate Studies Religion Health Africa	Award	22,333							22,333
Reyes	Houston A+ Challenge Eval Houston Schools	Award	374,204						374,204	
Ritter	UT VW Sharborough American Gender	Award	4,000							4,000
Ritter	UT A Madden Professorship American Gender	Award	4,000							4,000
Roberts	DOE Foreign Language Fellowship	PO15A060096	400,830					400,830		
Roberts	CB Smith Chair #1	AL-090189	47,544							47,544
Ross	NIA Education Resource & Health	R01 AG023380	185,625			185,625				
Sierra	Moore Fdn Indigenous Communities	Award	205,688						205,688	
Skop	UT Graduate Studies Intl Migration Processes	Award	22,333							22,333
Stout	John P. McGovern Regents Professorship	Award	16,000							16,000
Traphagan	UT Mitsub Indus Chair Japan Cultur Construct	Award	5,750							5,750
Traphagan	UT Posco Chair Korean Stud Cultur Construct	Award	2,750							2,750
Traphagan	UT Endow Chinese Stud Cultural Constructs	Award	500							500
Trejo	NICHD Inter marriage, Ethnic Identity	R03 HD050574	72,825		72,825					
Umberson	NIA Social Ties Health Behavior	R01 AG026613	265,154			265,154				
Vandewater	NICHD/Univ Mich Enhancing PSID	R01 HD44027	26,420		26,420					
Vandewater	NSF Children's Centers	BCS-0126127	90,000				90,000			
Vandewater	NICHD Connect Media Use	R01HD053652	256,301		256,301					
Vandewater	Brainy Baby LLC Video Tool Evaluation	UTA08-004	22,206						22,206	
Vandewater	Brainy Baby LLC Video Tool Laugh/Learn	UTA08-013	33,335						33,335	
Vandewater	Michael Cohen Group Ready to Learn	UTA08-009	51,187						51,187	
Vandewater	NSF IRADS Digital Media Influence	BCS-0623856	99,676				99,676			
Vandewater	WT Grant Fdn Link Dev Trajectories	7236	129,969						129,969	
Villarreal	NICHD Economic Liberalization	R03 HD051673	72,825		72,825					
Ward	UT Vice Pres Rsch Settlements Latin America	Award	28,852							28,852
Ward	Mellon Fdn Lat Amer Sociology	CK-47360	50,000						50,000	
Ward	CB Smith Chair #2	AL-090100	60,000							60,000
Ward	UT S Richardson Chair Lat Amer Urbanization	Award	10,000							10,000
Wilson	US Dept Ed Cons Soc Sci & Policy	P116MO40008	45,184					45,184		
Wilson	US Lib Congress Secondary Edu US	CRS 06-14	28,491					28,491		
Wilson	Deloitte Research Challenge Government	UTA07-892	5,510						5,510	
Wilson	UT Mike Hogg Professorship Policymaking	Award	35,000							35,000
Woodberry	Templeton Fdn Religion & Econ Chg	Award	73,028						73,028	
Young	NSF Vulnerability in the Amazon	BCS-0618825	44,421				44,421			
Young	NSF Geography and the Environment	BCS-0749926	110,477				110,477			
Yu	Taiwan Nat Science Cncl Income Inequality	Award	14,222						14,222	
Yu	Dean Fellowship Japanese Workers	Award	22,167							22,167
Yu	UT Vice Pres Research Social Change Japan	Award	5,727							5,727
Yu	Ministry Edu Sci East Asian Social Mobility	Award	95,226						95,226	
<b>Total Grant Awards</b>			<b>10,763,502</b>	<b>550,082</b>	<b>4,604,714</b>	<b>575,672</b>	<b>855,555</b>	<b>1,080,073</b>	<b>2,412,304</b>	<b>684,832</b>

PRC PI	Source	Project No.	Total Current	R24	Other NICHD	Other NIH	NSF	Other Federal	Other Fdns Industry	Parent Inst
<b>Other (Operating)</b>										
	Bridging the Disciplines	Prog Coordination	6,000							6,000
	College of Liberal Arts	2 mos Dir Sum Salary	41,541							41,541
	College of Liberal Arts	Discretionary Funds	5,000							5,000
	College of Liberal Arts	Hummer Research	36,000							36,000
	College of Liberal Arts	Indirect Cost Budget	134,307							134,307
	College of Liberal Arts	Interdis Develop	25,000							25,000
	College of Natural Sciences	Indirect Cost Budget	38,166							38,166
	Office of the Provost	Infrastructural Funds/Interdis Research	60,000							60,000
	Office of the Provost	2 IT Positions	125,000							125,000
	Office of the Provost	CIS Operating Funds	28,000							28,000
	Office of the Provost	Web Data Develop	61,900							61,900
	Office of the Provost	Training Grant Supplement	5,000							5,000
	Office of the Provost	Star Equip/Renovations	150,000							150,000
	College of Liberal Arts	Doug Forbes Foundation Student	7,000							7,000
	Jrnl Cross Cultural Gerontology	Operating Budget	1,755						1,755	
	UT Grad Studies	NSF REU Support	13,940							13,940
	Living Water Foundation	Woodberry Research	7,000							7,000
<b>Total Other (Operating)</b>			<b>745,609</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,755</b>	<b>743,854</b>
<b>Other (In-Kind)</b>										
	College of Liberal Arts	Dir Acad Salary	186,935							186,935
	Department of Sociology	TA Position	27,584							27,584
<b>Total Other (In-Kind)</b>			<b>214,519</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>214,519</b>
<b>TOTAL SUPPORT</b>			<b>11,723,63</b>	<b>550,08</b>	<b>4,604,71</b>	<b>575,672</b>	<b>855,55</b>	<b>1,080,07</b>	<b>2,414,05</b>	<b>1,643,20</b>
<b>TOTAL PERCENTAGES</b>			<b>100.00%</b>	<b>4.70%</b>	<b>39.30%</b>	<b>4.90%</b>	<b>7.30%</b>	<b>9.20%</b>	<b>20.60%</b>	<b>14.00%</b>

#### I.d. ACCOMPLISHMENTS

The following 9 sub-sections summarize some of the key accomplishments of our faculty research associates over the last year.

##### I.d.i. Table and Description of New Research Project Grants

The tables summarizing new (awarded in the last year) projects for PRC faculty research associates is shown next. Each project is listed with its principal investigator, title, dates, source and amount of funding (in annual costs), and a brief abstract. The list of 15 new projects includes 7 federal grants, and 3 foundation projects. New projects from NICHD were awarded to Shannon Cavanagh (R03), Robert Crosnoe (R01), Elizabeth Vandewater (R01). Federal projects were also awarded to Robert Hummer (NSF training grant), Ellison (NSF dissertation award) and to research affiliate Bugao Xu (NIH R21). Xu received pilot project funding from the Project Development Core that led directly to his success in receiving the R21. Three new foundation grants were awarded to Catherine Cubbin (American Legacy Foundation), Elizabeth Vandewater (W. T. Grant Foundation) and Aletha Huston (Spencer Foundation).

Several of these projects are likely to have far reaching effects in terms of informing substantive and theoretical debates and identifying innovative ways of measuring key concepts in the population sciences. The new R01 project led by Crosnoe (with Cavanagh and Osborne as co-investigators), for example, is a very exciting project examining health disparities among children prior to elementary school. Researchers have long posited that children's health plays a fundamentally important role in school achievement, yet this hypothesized association remains largely undocumented and the mechanisms are poorly understood. This project has significant implications for the "long arm of childhood" throughout the life course. Catherine Cubbin's project with Mark Hayward addresses a fundamentally important problem in assessing health disparities – how best to measure wealth in population health surveys so as to better the origins and consequences of health disparities in the population. Bugao Xu's project offers a new and innovative way to measure obesity in the population. He has developed new technology based on three-dimensional scanning that will allow the development of models of the human body. These models can be used to derive a host of anthropometric measures of central importance in population health studies.

<b>New Research Projects Awarded Since January 2007, in Alphabetical Order by PI</b>		
<b>Faculty Research Associate (FRA) Source of Support, Grant Number, and Principal Investigator</b>	<b>Title of Project and Synopsis</b>	<b>Total Period, Current Annual Direct Costs to UT-Austin/FRA</b>
Shannon E. Cavanagh National Institutes of Health 1 R03 HD056161 PI: Shannon E. Cavanagh	The Intergenerational Transmission of Family Instability	06/01/07-05/31/09 \$50,000
<p>The Personal Responsibility and Work Opportunity Reconciliation Act of 1996 was the first federal law to explicitly promote marriage and encourage the formation of two-parent families. Since then, proposed legislation has earmarked more than \$1.5 billion to encourage states to design programs that encourage and support healthy marriage. A primary motivation for this is a belief that family instability negatively affects children. In this case, ideology is backed by social science research, which suggests that residing in alternative families (i.e., single parent, stepparent) does pose risks for children in ways that shape their futures. What remains less clear is <i>why</i> family instability in the parent generation affects well-being in the child generation, including children's own future marital trajectories. Is it the actual experience of family instability that is responsible for differences in children's life chances, characteristics of the mother that select children into these family structures, or a combination of both? This project addresses these issues by: 1) examining the contribution of both family instability and related maternal characteristics to adjustment in middle childhood, 2) investigating the role in intra-family dynamics in explaining the effects of both family instability and related maternal characteristics, and 3) exploring how family instability, maternal selection characteristics, and youth adjustment come together to shape the transition to adulthood in ways that forecast unstable families in the child generation.</p>		
Catherine Cubbin, Mark Hayward American Legacy Foundation Award Notice 3/28/08 PI: Catherine Cubbin	Measuring Wealth in Health Disparities Research	03/01/08-09/01/09 \$53,465
<p>The purpose of this study is to identify and recommend feasible measures of wealth based on current questions asked in the following two population-based health surveys: The Health and Retirement Survey (HRS), which uses "bracketing" in the survey administration to reduce missing data on wealth; and the Survey of Consumer Finances (SCF), which is considered to contain the most accurate distribution of wealth data in the U.S. TReND's investigators will use item response theory to test relationships between a set of individual items (e.g., home ownership, financial accounts) against a continuous wealth latent variable (based on multiple, detailed questions, and measured similarly in the two datasets). This information will be used to select optimal subsets of items to measure wealth. Items will be tested in the overall samples, as well as within social groups (i.e., based on racial/ethnic group, income, education, and gender; HRS and SCF both sample Black, Hispanic, and White women and men, and collect data on income and education). Health indicators will include follow-up mortality and smoking status in the HRS and fair/poor health and smoking status in the SCF. This project will inform the nature of racial/ethnic--and other social--disparities in health, as well as increase our understanding of wealth disparities in smoking. We will also gain knowledge of how wealth measures operate within social groups. The increased use of wealth measures in health/tobacco disparities research may inform the development of more effective policy and programmatic interventions to reduce disparities.</p>		
Robert L. Crosnoe, Shannon E. Cavanagh, Cynthia Osborne National Institutes of Health 1 R01 HD055359 PI: Robert L. Crosnoe	Race/Ethnicity, Poverty, and The Connection Between Child Health and Early Education	06/01/08-05/31/11 \$200,000
<p>This project investigates the degree to which higher rates of health problems among race/ethnic minority children of all economic strata and among poor children from all race/ethnic populations prior to the start of elementary school put them at an academic disadvantage once elementary school has begun. Because health is a policy amenable developmental factor and the transition to elementary school is a critical intervention point in the educational career, such research provides leverage in attempts to address the persistent, overlapping race/ethnic and economic gaps in educational attainment in the early</p>		

<b>New Research Projects Awarded Since January 2007, in Alphabetical Order by PI</b>		
<b>Faculty Research Associate (FRA) Source of Support, Grant Number, and Principal Investigator</b>	<b>Title of Project and Synopsis</b>	<b>Total Period, Current Annual Direct Costs to UT-Austin/FRA</b>
<p>life course that forecast increasing inequalities in social mobility, morbidity, and mortality in adulthood. Drawing on a classic theoretical perspective that targets the development processes surrounding the transition into elementary school as fundamental to demographic disparities in educational attainment, this project puts forward and tests a conceptual model position that the poorer physical and mental health of African-American and Latino/a children (controlling for economic status) and of economically disadvantaged children (controlling for race/ethnicity) in the pre-school years contribute to their lower rates of academic achievement in school. Importantly, this project will also explore the mechanisms underlying the academic risks of early health problems and identify aspects of family organization, pre-school programs, elementary school classrooms, and home-school partnerships that protect against these academic risks in gender and in traditionally disadvantaged populations in particular. This interdisciplinary, theoretically grounded, mixed-methods investigation is specifically designed to elucidate the role of child health in the reproduction of overlapping systems of race/ethnic and economic stratification in ways that directly inform social policy.</p>		
<p>Aletha C. Huston Spencer Foundation/Northwestern University 200700165 PI: Greg J. Duncan</p>	<p>A Comparative Study of School Readiness and Child Well-Being</p>	<p>02/01/07-01/31/09 \$83,375</p>
<p>Although educational success is an important determinant of children's life chances and their wellbeing, the role of early academic and behavioral skills that facilitate learning and later school success is widely debated but poorly understood. Some believe that a basic foundation of early math and literacy skills is a prerequisite for making a successful transition into formal schooling, while others regard behaviors such as paying attention and working well with others as of equal if not greater importance. Prior analysis of six longitudinal data sets found that children's later achievement was predicted by their early academic and attention skills, but not by early socioemotional skills, including problem behaviors and social skills. However, by leaving two important questions unasked, these recent findings may not provide a full picture of how children's behavior affects their learning and educational success.</p> <p>Two studies will address questions about the impact and evolution of children's academic and behavioral skills over the course of primary school. First, <i>how do school-entry academic skills as well as attention and socioemotional behaviors affect learning-related behavioral outcomes and school progress?</i> While achievement tests are an important marker of educational progress, ultimate school success depends both on academic performance and progression as well as refraining from negative school-related behaviors such as disengagement, conflict with teachers, suspensions and dropping out.</p> <p>Second, <i>what are the nature and determinants of academic and behavioral skill trajectories?</i></p> <p>In these analyses, we use trajectory modeling to understand the dynamic associations between changes in reading and math achievement, attention skills and socioemotional behaviors over the course of primary school. This analysis will consider both whether some children's behavior problems emerge as a result of achievement difficulties and whether behavior problems that develop during elementary school are detrimental to later learning. Knowledge generated from this research will contribute to a conceptual model of learning and development which may be used to guide the curricula of preschool programs, as well as point to promising interventions during the primary school years that may increase both learning and educational success.</p>		
<p>Michael K. Roemer National Science Foundation SES-0727088 PI: Christopher G. Ellison</p>	<p>Doctoral Dissertation Research: Religiosity and Subjective and Psychological Well-being in Contemporary Japan</p>	<p>08/01/07-07/31/08 \$7,500</p>
<p>In recent decades, scholars have analyzed associations between religion and well-being among predominantly Christian populations in the United States. Despite the practical and scholarly importance of this research, it is difficult to tell whether these underlying relationships can be explained by religious differences or by more macro-level variations. To reveal how these two social forces might be</p>		

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<p>interrelated in other cultures as well, this study examines the connection between religion and well-being in Japan. Initial results from Japanese secondary datasets and from prior fieldwork experiences indicate strong, positive correlations between religiousness and subjective and psychosocial well-being. The theory of religious coping and an interpretation of Japanese religiosity as ultimately concerned with individual and collective well-being help explain these links in Japan. However, currently available surveys tend to rely on a 'Western' conceptualization of religion, key religious practices are missing, and the validity of question wording is often problematic, thus we are unable to interpret the results convincingly. The benefits of this project are that it offers 1) an examination of the association between religiosity and well-being in a highly industrialized non-Western culture, 2) new, more appropriate quantitative measures of religiousness in Japan, 3) a methodological approach that is applicable to the scientific study of religion in other East Asian societies, such as China, Taiwan, and South Korea, and 4) evidence for the need to recognize the importance of culturally specific approaches to research on religion. By employing multiple methodologies, this study aims to develop questions on religiosity in Japan that can be added to on-going surveys, thus enabling researchers to study relationships between religious acts and beliefs and a variety of outcomes, such as well-being, attitudes, behaviors, and orientations. Furthermore, this project analyzes and explains some of the key means by which Japanese express, interpret, and maintain psychological wellness, and this will provide us with a more comprehensive picture of cultural interpretations of mental health. Finally, because the religious traditions of neighboring countries such as China and South Korea resemble Japan in terms of their emphases on local and contextualized rituals and a de-emphasis on specific religious adherence and monotheistic beliefs, it is also expected that both the process and the results of asking culturally specific questions will be applicable to future research on religion in other societies as well. In these ways this study will make unique and important empirical, theoretical, and methodological contributions to our overall understanding of religiosity, well-being, and connections between the two.</p>		
Robert L. Crosnoe, Madlene Hamilton National Institutes of Health/NICHHD 1 F31 HD055151 PI: Madlene Hamilton	Poverty, Child Development, and Early Education	06/01/07-05/31/11 \$29,232
<p>This project brings a developmental approach to the education of poor children in order to understand why they start off elementary school behind their peers and then fall further behind from year to year. With data from a large sample of American children in the NICHD Study of Early Child Care and Youth Development (SECCYD), growth curve modeling techniques will estimate trajectories of math and reading achievement from the beginning of elementary school up to fifth grade for poor, near-poor, and non-poor children, assess the degree to which economic differences in these trajectories are a function of corresponding differences in psychological development, social competence, and family processes leading up to the transition into elementary school, evaluate the degree to which these disparities in achievement occur and how the developmental correlates of achievement vary across race/ethnic populations and school types, and explore the degree to which exposure to high-quality programs and classroom environments condition these economic disparities. Such research will inform social policy by identifying critical intervention points and manipulable risk and protective factors that can be addressed or leveraged in such intervention. Relevance to Public Health, health disparities, including those related to economic status, is a major public health issue in the U.S. This project will identify specific mechanisms that reproduce these disparities across generations by investigating how aspects of poor children's psychosocial development and family processes disrupt their transitions into formal schooling. Because this transition point is the foundation of the educational career and because educational attainment is the foundation of health and mortality in the long term, this project will directly inform the search for policy levers in efforts to combat health disparities.</p>		
Cynthia Osborne Texas Health and Human Services Commission	Raising Texas: TX Early Childhood Comprehensive Systems (TECCS) Initiative	05/01/07-08/31/08 \$20,000

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Research Award PI: Mark D. Hayward		
<p>Raising Texas is a statewide, collaborative effort to strengthen Texas' system of services for young children and families so that all children enter school healthy and ready to learn. Through the collaborative partnership of nine state agencies, 16 community based agencies and 60 key stakeholders, a state plan has been developed to improve the current system of services for all children age birth to 6. The Raising Texas strategic plan was three years in the making and is designed to promote evidence-based practice and increase the coordination between health, behavioral health, and education services. This project aims to evaluate the means, function, and sustainability of the Raising Texas Initiative, Implementation Teams, and Raising Texas Steering Committee to determine if commitment and sustainability has been achieved with all key agency, organizations and key stakeholders and to conduct a formative evaluation of implementation of the Texas Early Childhood Comprehensive Systems (TECCS). Researchers will measure, sustainability of the TECCS initiative and systems change for services for children birth through five years of age. Baseline data will also be collected on current coordinated interagency systems of services for children age birth through five.</p>		
Robert A. Hummer National Science Foundation SES-0750597 PI: Robert A. Hummer	Collaborative Research: SBES Alliance: Diversifying Graduate Education in the Social, Behavioral, and Economic (SBE) Sciences	10/01/07-09/30/10 \$40,000
<p>The under-representation of African American, Hispanic/Latino, and Native American students in U.S. universities continues to be an important impediment to the goal of a more equitable society. At the graduate level, under-representation among minority groups is even more striking than at the undergraduate level; for example, African Americans comprised under nine percent of graduate school enrollments and Hispanics comprised just five percent of graduate school enrollments in the early 21<sup>st</sup> Century in U.S. universities. Under-representation may even be more important in California and Texas, which are the two largest states in the country in terms of population and also two of the most racially and ethnically diverse states. Indeed, both California and Texas are now considered to be "majority-minority" population states. This project – with Stanford University, Texas A&amp;M University, and the University of Southern California – will continue to help address the under-representation of Hispanics, African Americans, and Native Americans in graduate programs in the Social, Behavioral, and Economic (SBE) sciences at our four institutions. The goal will be to continue to increase the enrollment, retention, and successful completion of under-represented minority (URM) graduate students in the SBE Sciences at our institutions, with the long-term intent to increase representation among URM groups on university faculties in the SBE sciences. Two guiding principles will be fundamental in our efforts: 1) to continue to work as collaborative partners by sharing ideas, best practices, and resources, and by creating a network to help one another recruit, retain, and place students; and 2) to build on successful initiatives that have already been developed on each of our campuses, as well as those initiatives that we have developed together as a partnership, so that our efforts can be as cost-effective and successful as possible. The broader impact of this program is to influence the future of higher education in both California and Texas. The future of higher education in these two critical majority-minority states in part depends on the ability of universities in these states to diversify the racial/ethnic mix of faculty. Our collaborative effort is meant as one way to do so within the SBE sciences.</p>		
Kristine Hopkins, Cynthia Osborne UT-Austin, Center for Women's and Gender Studies Research Award	Mexican Origin Women's Relationships, Cohabitation, Marriage, and Childbearing: An In-depth Understanding of their Attitudes and Experiences	06/01/07-08/31/08 \$2,430

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PI: Gretchen Ritter		
<p>The purpose of this project is to better understand nonmarital childbearing among Mexican origin women. Researchers will analyze in-depth interviews with women who have had a range of marital and childbearing experiences. By comparing women who have followed traditional trajectories of marriage and then childbearing with those who have followed nontraditional pathways of childbearing with or without cohabitation that may or may not lead to marriage with those who have not yet had children, they will be able to develop hypotheses about what motivates these different behaviors in an ethnic group that has seen a sharp rise in nonmarital childbearing in recent decades.</p>		
Elizabeth A. Vandewater Brainy Baby, LLC UTA08-004 PI: Elizabeth A. Vandewater	Video as a Teaching Tool for Infants and Toddlers Evaluation	09/01/07-08/31/08 \$14,804
<p>The proposed study represents one of the first ever conducted to empirically evaluate whether infants and toddlers can actually learn from videos and thus are engaged in active cognitive processing while viewing these videos. Researchers will examine the efficacy of <i>Brainy Baby</i> videos for fostering specific object recognition among toddlers as they move from 18 months to 20 months-old. Researchers will utilize a randomized-group trial design, the strongest experimental design available for determining causal effects. Comparison groups (of approximately 30 children each): 1) children who view select <i>Brainy Baby</i> videos (the experimental group), 2) children who view no infant video products (the control group). Parents will be instructed to show the selected videos at least once per day for the one to two month intervention period. Children will be assessed at the beginning of the study, and one month after viewing treatment has begun. If changes are apparent within one month, the study will terminate. However, if significant changes are not yet seen, the study will continue for another month after which final assessments of shape, color and letter recognition skills will be conducted.</p>		
Elizabeth A. Vandewater Brainy Baby, LLC UTA08-013 PI: Elizabeth A. Vandewater	Video as a Teaching Tool for Infants and Toddlers: Assessing the Educational Impact of Laugh and Learn	01/01/08-08/31/08 \$23,583
<p>The proposed study represents one of the first ever conducted to empirically evaluate whether infants and toddlers can actually learn from videos and thus are engaged in active cognitive processing while viewing these videos. Researchers will examine the efficacy of <i>Brainy Baby</i> videos for fostering specific object recognition among toddlers as they move from 18 months to 20 months-old. Researchers will utilize a randomized-group trial design, the strongest experimental design available for determining causal effects. Comparison groups (of approximately 30 children each): 1) children who view select <i>Brainy Baby</i> videos (the experimental group), 2) children who view no infant video products (the control group). Parents will be instructed to show the selected videos at least once per day for the one to two month intervention period. Children will be assessed at the beginning of the study, and one month after viewing treatment has begun. If changes are apparent within one month, the study will terminate. However, if significant changes are not yet seen, the study will continue for another month after which final assessments of object recognition skills will be conducted.</p>		
Elizabeth A. Vandewater Department of Education/ WTTW Chicago Public Television/Michael Cohen Group UTA08-009	The Ready to Learn Partnership: A Summative Evaluation	03/01/07-08/31/08 \$49,145

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PI: Elizabeth Vandewater		
<p>Faced with the national crisis that a considerable percentage of our young children are not learning to read, there are numerous programs addressing early childhood literacy and remediation. Ready To Learn Grant activities have a specific focus - the optimal utilization of media to engender young children's early literacy acquisition. Furthermore, although this crisis is national in scope, a disproportionate number of nonreaders are from disadvantaged families living in or near poverty. Consequently, Ready To Learn is focused on media and literacy acquisition for children living in families at the lowest income levels. Additionally, Ready To Learn places significant emphasis on caregiver's essential involvement in their young child's early literacy activities. This project evaluates the effectiveness of <i>Word World</i> in preparing children from low socioeconomic groups for entry into the classroom.</p>		
Elizabeth A. Vandewater National Institutes of Health 1 R01 HD053652 PI: Elizabeth A. Vandewater	Connecting Media Use and Development of Obesity Across Childhood	09/01/07-08/31/10 \$167,695
<p>The prevalence of obesity in American youth has reached alarming levels. The proportion of obesity among adolescents has tripled in the past three decades with approximately 15% of 6-19 year-olds qualifying as obese. Many believe that time spent with electronic media is at least partly to blame. It is true that children spend more time using electronic media than in any other single free-time activity except for sleep. However, though there is some evidence linking media use to childhood obesity, a deeper understanding of their developmental connections between them has been hindered by a distinct dearth of longitudinal studies which include developmental and contextual information in explanatory models. The objective of this project is to elucidate these connections from childhood through adolescence using longitudinal data from a representative US sample of approximately 3,500 children spanning ages 0-18 from the Panel Study of Income Dynamics (PSID) Child Development Supplement (CDS). Researchers draw upon an ecological framework to deepen existing knowledge of the developmental links between media use and childhood obesity. The richness of the CDS data render them uniquely suited for this purpose and allow for considerably stronger and more comprehensive analyses compared to existing data. Three waves of CDS data will be used, including data from 1997 (ages 0-12), 2002 (ages 5-18), and 2007 (ages 10-18). The CDS panel data represents an extraordinary opportunity to further knowledge regarding the nature of the relationship between children's media use and the development of obesity.</p>		
Elizabeth A. Vandewater William T. Grant Foundation 7236 PI: Elizabeth A. Vandewater	Linking Developmental Trajectories of Media Use and Obesity from Childhood to Adolescence	01/01/07-12/31/09 \$119,416
<p>Obesity has reached epidemic levels in the U.S., with 66% of adults overweight and 32% of adults obese. The research uses the new technique of three-dimensional (3 D) photonic scanning to create and validate an instrument that rapidly assesses obesity in clinical and field settings. The first aim is to develop a portable computer vision system of body imaging for 3 D surface imaging of the human body. The hardware system is designed from off-the-shelf components such as digital cameras, projectors, and personal computer. Algorithms for the 3D data are being developed and refined for calculation and system calibration for a small instrument. The second aim is to develop algorithms for surface reconstruction from 3D data in order to define a proper surface representation and to reconstruct a 3D model of the human body from incomplete and noisy data. The third aim begins the human measurement testing in 120 adults. Aim 3 is to estimate the size and shape of the reconstructed human body by a portable body imager and compare to current methods that assess obesity. Anthropometric parameters will be computed by a 3 second body scan via imaging and then compared to other methods of obesity assessment including BMI, waist circumference, sagittal abdominal diameter, bioimpedance, hydrodensitometry, dual energy X-ray absorptiometry, and air displacement plethysmography. The final</p>		

<b>New Research Projects Awarded Since January 2007, in Alphabetical Order by PI</b>		
<b>Faculty Research Associate (FRA) Source of Support, Grant Number, and Principal Investigator</b>	<b>Title of Project and Synopsis</b>	<b>Total Period, Current Annual Direct Costs to UT-Austin/FRA</b>
aim is to validate body imaging as an indicator of central obesity (fat in the abdominal region, as opposed to subcutaneous depots) in a subset of 60 subjects because it is the abdominal fat that is most associated with health risks such as diabetes. Abdominal fat tissue as detected by magnetic resonance imaging scans will be compared to that calculated from 3 D body imaging. In sum, the non-contact, noninvasive nature of this new portable body scanner will produce a quick, inexpensive and objective measure of body size and type of obesity.		
Bugao Xu National Institutes of Health 1 R21 DK081206 PI: Bugao Xu, Jeanne Freeland-Graves	Validation and Evaluation of a Portable Body Scanner for Determination of Obesity	09/15/07-08/31/10 \$132,212
Obesity has reached epidemic levels in the U.S., with 66% of adults overweight and 32% of adults obese. The research uses the new technique of three-dimensional (3 D) photonic scanning to create and validate an instrument that rapidly assesses obesity in clinical and field settings. The first aim is to develop a portable computer vision system of body imaging for 3 D surface imaging of the human body. The hardware system is designed from off-the-shelf components such as digital cameras, projectors, and personal computer. Algorithms for the 3D data are being developed and refined for calculation and system calibration for a small instrument. The second aim is to develop algorithms for surface reconstruction from 3D data in order to define a proper surface representation and to reconstruct a 3D model of the human body from incomplete and noisy data. The third aim begins the human measurement testing in 120 adults. Aim 3 is to estimate the size and shape of the reconstructed human body by a portable body imager and compare to current methods that assess obesity. Anthropometric parameters will be computed by a 3 second body scan via imaging and then compared to other methods of obesity assessment including BMI, waist circumference, sagittal abdominal diameter, bioimpedance, hydrodensitometry, dual energy X-ray absorptiometry, and air displacement plethysmography. The final aim is to validate body imaging as an indicator of central obesity (fat in the abdominal region, as opposed to subcutaneous depots) in a subset of 60 subjects because it is the abdominal fat that is most associated with health risks such as diabetes. Abdominal fat tissue as detected by magnetic resonance imaging scans will be compared to that calculated from 3 D body imaging. In sum, the non-contact, noninvasive nature of this new portable body scanner will produce a quick, inexpensive and objective measure of body size and type of obesity.		

#### **I.d.ii. Table and Description of Pending Grants**

The next table lists the PRC's pending research grant applications and provides an abstract for each, in alphabetical order by the name of the PI. Six of the 14 projects listed are expected to be funded due to priority score (Cavanagh, Crosnoe/Benner, Kim, Krueger, Muller, and Yu). Three of these projects are R03 grants from NICHD, and the Crosnoe/Benner grant is for an F32 independent postdoctoral training award. The PRC has a very long tradition of researchers successfully competing for R03 funding, and this tradition remains very healthy. Muller's NSF application, "STEM in the New Millennium" also received a highly favorable priority score, and Cavanagh recently received news from the National Center for Marriage Research that her application will be funded as well.

The majority of the remaining pending applications have not yet been reviewed. As will be evident below, there are a number of highly promising projects under development that will produce a stream of new applications over the next year.

#### **Pending Research Projects in Alphabetical Order by PI**

Faculty Research Associate (FRA) Source of Support, Grant Number, and Principal Investigator	Title of Project and Synopsis	Total Period, First Year Direct Costs to UT-Austin/FRA, and Status
Jacqueline L. Angel National Institute on Aging 1 R13 AG029767 PI: Jacqueline L. Angel	Conference Series on Aging in the Americas: Mexico and the United States	01/01/09-12/31/10 \$56,800 Submitted April 2008
<p>The application requests funding for a conference series called Aging in the Americas (CAA). The conferences in this series build on an extremely successful conference in September 2005. The series will involve 2 two-day conferences aimed at increasing the knowledge through research on people of Mexican descent and identifying and fostering emerging scholars in the field during a time when the topic is quickly arising as a crucial policy and national budget issue. Specifically, the conference will focus on two main areas that will contribute to the development of innovative research and social policies with respect to health aging in the population of people of Mexican descent: (1) Psychosocial and Behavioral Health and (2) Epidemiology of Disability and Healthy Life Expectancy.</p> <p>The conferences will consist of six plenary and two keynote speakers. Each conference will conclude with a consensus building session on next steps and reviewing key issues raised by the conference. The speakers for the conference are each leaders in their respective fields and have extensive experience studying people of Mexican origin. To foster the development of emerging scholars, we will have a poster session at the end of the first day of the conference. We used this vehicle in our previous conference and it was met with great interest. It allows people to connect and share in a less formal setting than during the presentations. An edited collection will be produced.</p>		
Jacqueline L. Angel, Mark Hayward National Institutes of Health 1 R01 AG032137-01 PI: Jacqueline L. Angel	Determinants of the Risks of Long-term Care in Elderly Mexican Americans	12/01/08-11/30/11 \$250,000 Submitted March 2008
<p>The overall goal of this study is to clarify the most important factors associated with changes in the care and living arrangements of elderly Mexican Americans. Researchers will evaluate a new empirical model to determine how immigration factors (e.g., nativity, age at migration, acculturation) and family resources (e.g., economic, social, and use of home- and community-based supportive services) affect how changes in functional status induce changes in care and living arrangements among older Mexican Americans in the United States. The specific aims are to: (1) examine the physical and cognitive functioning trajectories of elderly Mexican Americans between 1993 and 2004, by immigration factors; (2) assess how declines in functional status of elderly Mexican Americans relate to with changes in care and living arrangements, by immigration factors; and (3) estimate the joint effect of family resources and immigration factors on use of nursing homes and assisted-living facilities by elderly Mexican Americans. We will use standard demographic and epidemiological techniques to analyze 3,952 individuals included in the Hispanic Established Populations for Epidemiologic Study of the Elderly, the largest and most representative survey on the longitudinal health of older Mexican Americans. The results will identify key predictors of Mexican Americans' care and living arrangements, including the use of nursing homes and assisted-living facilities, providing important insights into social processes that will affect all aging families in the future.</p>		
Aprile F. Benner, Robert L. Crosnoe, Aletha C. Huston, Laura Lein National Institutes of Health F32 No. Pending PI: Aprile D. Benner	Race, School Transitions, and Child and Adolescent Well-Being	07/01/08-06/30/11 \$29,232 Submitted August 2007
<p>Dr. Benner will apply sophisticated statistical techniques to three national, longitudinal data sets targeting different stages of the early life course: the Early Childhood Longitudinal Study-Kindergarten Cohort (ECLS-K) for the transition to full-time schooling, the NICHD Study of Early Child Care and Youth Development (SECCYD) for the transition to middle school, and the National Longitudinal Study of Adolescent Health (Add Health) for the transition to high school. She will also collect</p>		

Pending Research Projects in Alphabetical Order by PI		
Faculty Research Associate (FRA) Source of Support, Grant Number, and Principal Investigator	Title of Project and Synopsis	Total Period, First Year Direct Costs to UT-Austin/FRA, and Status
<p>qualitative data from adolescents in a Texas school district. This mixed-methods design will enable me to determine transition disruptions specific to certain racial/ethnic groups at certain points of their school careers. In addition to identifying when and how different groups of students are placed at risk through school transitions, this project will examine the mechanisms that explain why transition disruptions occur, how they vary across different school contexts, and what kinds of long-term educational impacts they have. Such research will highlight critical intervention points in students' educational careers and identify specific tools for policy intervention as a way of addressing well-documented racial/ethnic differences in educational attainment that underlie corresponding disparities in income, wealth, fertility, and mortality in the U.S.</p>		
Cynthia J. Buckley National Institutes of Health R03 No. Pending PI: Cynthia J. Buckley	Measuring Reproductive Health in Georgia: Who Counts and How?	12/01/08-11/30/09 \$50,000 Submitted February 2008
<p>This project examines women's reproductive health issues within societies undergoing rapid social, economic and political change, through the systemic comparison of the methods, measurements and outcomes associated with the 2005 Georgian Reproductive Health Survey (GRHS) and the 2006 Georgian Generations and Gender Survey (GGGS). As most of the former Soviet Union, several reproductive health indicators have improved in Georgia. Yet, many reproductive health challenges remain, including significant unmet need for modern contraception, the highest level of abortion reliance in the region, and very low levels of reproductive and sexual health knowledge. Program efforts and policy developments in Georgia are often hampered by limited state capacity to monitor and evaluate health trends, contrasting or conflicting information from small scale studies, and internal conditions that hinder large scale survey efforts. Important insights have been gained through data collection efforts such as the National Household Survey, two waves of the Micro-Cluster Indicator Survey (UNICEF), the GRHS of 1999, and numerous smaller scale studies. However, to date, scant attention has been paid to issues of comparative survey construction, the evaluation of sampling frames, or the comparative strengths and weaknesses of question phrasing. Comparing two large-scale national surveys containing key indicators of reproductive health, each conducted with international assistance and maintaining detailed sampling and survey documentation, will inform our understanding of efficient sampling construction, improve our understanding of phrasing and structural issues relating to indicator construction, and begin to clarify how survey design effects influence summary health indicators and the identification of reproductive health correlates. Following a three part strategy of a <i>comparison</i> of study similarities, a <i>critique</i> of variations in survey construction, and the <i>composition</i> of recommendations on methodology and data interpretation, we focus on four conceptual areas. First, relying upon study documentation for the GRHS and the GGGs, we will assess the sampling strategies employed, to inform the efficient construction of national samples in Georgia, and highlight sampling issues in challenging national contexts. Issues of questionnaire structure and phrasing are the next analytical area. Comparing measure construction, Georgian language transition, and questionnaire placement, we will gain insight into effective design, and the meaning of survey results. These analyses will inform the third segment, which compares approaches to interviewer training and field supervision between the two surveys. Analyses of structure and content contribute to the fourth, and central, area, the comparative analyses of survey outcomes and reproductive health correlates. These comparative analyses can provide preliminary insight into the effects of survey variation, clarify the individual characteristics associated with lower reproductive health, assist the development of recommendations for structure and content of the second Wave of GGGs, and provide the basis for a larger project examining the effects of approaches to survey methodology in the southern Caucasus and Central Asia.</p>		
Shannon E. Cavanagh Bowling Green State University, National Center for Marriage	Family Instability, Family Processes, and Adolescent Romance	05/01/08-04/30/09 \$20,000 Submitted March 2008

<b>Pending Research Projects in Alphabetical Order by PI</b>		
<b>Faculty Research Associate (FRA) Source of Support, Grant Number, and Principal Investigator</b>	<b>Title of Project and Synopsis</b>	<b>Total Period, First Year Direct Costs to UT-Austin/FRA, and Status</b>
Research Award No. Pending PI: Shannon E. Cavanagh		
<p>Family scholars have identified a significant link between experiences of family instability and the contours of young people's lives in the early life course. The theory that motivates much of this work posits that family transitions set into motion myriad changes in the home environment that, in turn, are stressful to children and increase the likelihood that their development is disrupted. And while differences in the home environment and child outcomes across family structure types has been established, data limitations have precluded scholars from mapping out the multiple pathways linking family transitions (especially multiple transitions), changes in the home environment, and stress in children's lives. The general goal of this proposed research is to explore how family instability and changed in the home environment came together through two aims. First, using Structural Equation Modeling, Dr. Cavanagh will investigate the pathways through which a family transition increases material hardships and parental stress, which in turn, change the ways in which parents interact with and invest in their children and organize their home, paying special attention to how these pathways vary by transition type and age of children. Second, using latent growth modeling, she will examine how multiple changes in family structure factor into trajectories of parental stress, parent-child closeness, parental investments, and the organization of the home over time. I address these aims with the National Study of Child Care and Youth Development, a prospective study that follows children from birth through 5<sup>th</sup> grade, contains maternal reports of family structure at more than 25 time points, and includes state-of-the-art methods to capture family processes and the home environment nine times over the life of the study. This research will inform theory in the emerging field and improve conceptualization and operationalization of family instability at a time when the living arrangements of youth are increasingly fluid.</p>		
Mark D. Hayward, Patrick M. Krueger National Institutes of Health R03 No. Pending PI: Patrick M. Krueger	Health and Mortality Risks among Co-Resident Grandchildren, Parents, and Grandparents	07/01/08-06/30/10 \$17,316 Submitted November 2007
<p>This project will examine the health and mortality risks of co-resident grandparents, parents (if present), and grandchildren, and document the demographic and socioeconomic factors that are associated with the health of all family members. Despite the central role of co-resident grandparents in many families, and the importance of family structure for people's health, little research examines the relationship between families with co-resident grandparents and the health of all family members. Between 1970 and 2004 there was a 73% increase in the percentage of children under age 18 living with their grandparents, and in 2000 nearly 5.6 million grandparents lived with grandchildren aged 18 or younger. But co-resident grandparents and their families are very likely to live in poverty and to spend over 30% of their income on rent, suggesting that they might also be at increased risks of poor health. Prior research in this area is frequently limited by data with little race/ethnic or socioeconomic diversity, few health or socioeconomic variables, lack of information on all co-resident family members, and small, regional samples. We use nationally representative, cross-sectional data from the 1985-2006 waves of the National Health interview Survey (NHIS), and prospective data that links adults aged 18 and older in the 1986-2000 NHIS data to deaths in the National Death Index (NDI) through 2002. These data hold 50,894 grandparents (contributing 7,059 deaths), 51,590 parents (contributing 1,006 deaths), and 59,429 grandchildren. Analyses of grandparents and parents will examine both cross-sectional health and prospective mortality, but analyses of grandchildren will focus only on cross-sectional health measures because those under age 18 are not linked to mortality to protect their identities (too few grandchildren are aged 18 or older to examine their risks of death). Specifically, we aim to (1) examine whether the presence of co-resident grandchildren, parents, or</p>		

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<p>grandparents is associate with the health of other family members; (2) examine whether there are race/ethnic differences in the relationship between family structure and health among grandparents, parents, and grandchildren; (3) examine whether the gender composition of the family is associated with health among grandparents, parents, and grandchildren; (4) examine whether the age composition of the family is associated with health among grandparents, parents, and grandchildren; and (5) examine whether the relationship between family structure and health varies by individual and family level socioeconomic status among grandparents, parents, and grandchildren. The findings from this research will advance our knowledge of the relationship between extended family structures and health, and could help policy makers and public health professionals identify the families that are at greatest risk of poor health.</p>		
<p>Chandra L. Muller, R. Kelly Raley, Catherine Riegler-Crumb National Science Foundation Grant No. Pending PI: Chandra L. Muller</p>	<p>STEM in the new Millennium: Preparation, Pathways, and Diversity</p>	<p>06/01/08-05/31/11 \$157,998 Submitted September 2007</p>
<p>This study will investigate the contemporary pathways into STEM fields and the circumstances under which the pathways are open to all students, including those of color and first generation college-goers. Increasing diversity in STEM fields has been a challenge because the factors contributing to low participation of African Americans and Latinos are complex and rooted in early preparation in high school and before. In this study, we begin by focusing on how the convergence of different components of high school students' math and science preparation—their test scores, grades, and course-taking—impacts their transition into college and declaration of a STEM major. Subsequently, we analyze how postsecondary institutional contexts, students' mobility across the institutions and students' work experiences shape postsecondary outcomes. This includes attainment of a STEM degree, grades and credits accrued in STEM courses, as both the degree itself and the literacy acquired in STEM courses may influence labor market outcomes, even for non-STEM majors. In addition to investigating who enters STEM careers as young adults, our approach considers both STEM and non-STEM occupations for the extent to which it utilizes specific sets of STEM literacy and skills. This study addresses one of the most critical challenges in higher education: How can educational institutions increase diversity in the STEM labor force by preparing students for success? Our project builds upon and expands beyond typical pipeline studies, to focus on the new and complex patterns that all lead to STEM work in the new millennium. We bring to bear the highest quality nationally representative, longitudinal databases to produce findings that are both broad in scope and rich in detail, and that are at once rigorously estimated and relevant to policy makers and practitioners. The research team is ideally suited to implement the study due to combined expertise in methods and the utilization of national datasets, as well as knowledge of higher education and college preparation and experience in framing research findings for broad relevance. Understanding the contemporary pathways into STEM-related occupations is essential for our nation's future, and is urgent in light of the dramatic changes in our global economy. This study focuses on under-represented minorities and first-generation college goers, two groups for whom access has been most pernicious, and incorporates a new perspective on students' STEM trajectories from high school into the labor force. In doing so, it informs a broad national audience across academic disciplines and in applied policy arenas about the far-reaching relevance of diversity in STEM fields and what postsecondary educational institutions can do to improve STEM literacy in the contemporary labor force.</p>		
<p>Chandra L. Muller, R. Kelly Raley, Catherine Riegler-Crumb National Science Foundation Grant No. Pending PI: Chandra L. Muller</p>	<p>Collaborative Research: The Freshman Experience and Beyond: Students' STEM Curriculum and the Social Context</p>	<p>06/01/08-05/31/13 \$163,628 Submitted January 2008</p>
<p>This study examines effects of students' freshman year curricular and social experiences at public research universities across the nation. Beyond the production of STEM degrees, universities educate</p>		

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<p>most of their undergraduates in one or more STEM courses. Due to recent shifts in our economy, it is crucial for an informed citizenry to be well-versed in critical thinking and quantitative reasoning as well as competent in the use of technology. Therefore, the skills and knowledge that students gain through STEM courses could impact every aspect of well-being, including jobs, ecologically sustainable lifestyle practices, and technologically advanced health care. Therefore, in addition to investigating the effects of curriculum and the social context on degree attainment and academic success, we consider its effects on STEM literacy, and environmental and health habits and lifestyle. This study addresses one of the most critical challenges to enhancing our nation's future position in the STEM fields: How can our public research universities improve students' STEM knowledge and skills and increase the numbers and diversity of students graduating with STEM baccalaureate degrees? Our project builds upon the existing research in education, sociology, and the STEM disciplines to significantly enhance the resources available to researchers. With a combined expertise in the multiple disciplines, excellence in cutting-edge methodology and a track record for producing large, complex, longitudinal data sets, the research team is ideally suited to implement the study. The study will produce data and findings that are unique and represent major advances in the field. Given the high rates of attrition from STEM majors in the early years of college, improving the success and subsequent retention of freshmen will have substantial ramifications for increasing the number of STEM degrees that public selective universities produce. Further, our attention to identifying the factors that relate most directly to the success of students that are traditionally under-represented in STEM, including both African American and Latino students, will greatly enhance diversity of those participating in the STEM fields in the future. The data produced will be made available to the larger research community, providing major new opportunities to analyze the joint impact of curriculum and the social context in higher education. These data will be used by the research team to generate rigorous empirical findings that will be relevant to policy makers and practitioners.</p>		
Chandra L. Muller, National Science Foundation Grant No. Pending PI: Chandra L. Muller	RDE-FRI Collaborative Research: Students with Learning Disabilities: STEM Pathways in the Social Context	01/01/09-12/31/11 \$59,756 Submitted April 2008
<p>Focusing on college preparatory STEM achievement outcomes, researchers explore the effects of high school context, social and academic processes, as well as variations by demographic subgroup (racial, ethnic and linguistic minority, gender, class) among the population of students with learning disabilities. The need to increase diversity in participation in STEM fields can be addressed by tapping in to traditionally underrepresented groups, such as students with learning disabilities who may possess many talents yet also face unique barriers. Specifically, our conceptual model recognizes that: (1) students with learning disabilities comprise a heterogeneous group across different school contexts; (2) the organizational models, pedagogical strategies, academic preparation, curriculum and coursework for addressing the needs of the student with learning disabilities vary; (3) their informal social processes; social integration, psycho-social well-being, and social behaviors also vary; and (4) all these factors (institutional settings, academic and social processes) along with students' background shape the STEM preparation, achievement and attainment of students with learning disabilities. This study addresses one of the most critical issues facing educators of students with learning disabilities: how can educators and schools improve STEM preparation, achievement and interests for these students within contemporary high school settings nationwide. Our project builds upon previous research in special education, sociology of education and STEM education to produce systematic and rigorous empirical evidence of the complex patterns and processes which produce high quality STEM outcomes among students with learning disabilities. The highly qualified research team will employ the highest quality data and cutting edge multivariate modeling approaches to estimate contextual effects during high school and students' STEM preparation in young adulthood. A focus on the STEM pathways of students with learning disabilities will contribute to increased diversity of STEM field participation among young adults. From a research perspective, our interdisciplinary approach, large scale, nationally representative data, and rigorous analytic methods draw attention to unique sub-group variation in STEM preparation, findings</p>		

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<p>which will move the field forward. Findings will apply directly to educational policies regarding schools' programmatic offerings, placement and treatment of students and their organizational models, enhancing the STEM preparation of students with learning disabilities in schools in the future. This study offers an original perspective to questions posed in the literature; findings will be unique to the combined STEM and special education fields.</p>		
<p>Kristine L. Hopkins, Joseph E. Potter National Institutes of Health/NICHHD 1 R01 HD047816 PI: Joseph E. Potter</p>	<p>Oral Contraceptive Use Along the US-Mexico Border Supplemental Funding Request</p>	<p>09/01/05-06/30/10 \$229,902 Submitted March 2008</p>
<p>Oral contraceptives (OCs) are one of the most effective, safe and widely-used contraceptive methods available to women worldwide. The US differs from many other countries in that women still need a healthcare provider's prescription, often requiring an examination, to purchase OCs. Policy debate about the prescription requirement has focused on whether women could safely and effectively use oral contraceptives without mandatory contact with a healthcare provider. Specifically, questions remain as to whether women can screen themselves for contraindications; the degree to which the prescription requirement dissuades OC candidates from starting or continuing OC use; and whether written or other forms of information are an effective substitute or improvement on clinician contact. This interdisciplinary study will be fielded along the heavily traversed US-Mexico border separating Ciudad Juarez, Mexico and El Paso, Texas. The study setting provides a unique "natural experiment" environment in which to address these unanswered questions due to the fact that El Paso residents can, and frequently do, cross the border to purchase OCs in Mexican pharmacies, where prescriptions are not required. The first aim is to assess whether women are as capable of screening themselves for contraindications to OC use as health professionals. Our research will answer important questions regarding the appropriate role of medical supervision in OC provision and the factors influencing compliance and continuation. Additionally, it will add substantially to the slim literature on the increasingly important area of Hispanic fertility and contraceptive practice.</p>		
<p>John Mirowsky, Catherine E. Ross National Institutes of Health R01 AG030615 PI: Catherine E. Ross</p>	<p>Socioeconomic Status, Neighborhoods and Health</p>	<p>12/01/08-11/30/10 \$250,000 Submitted March 2008</p>
<p>The primary question is whether neighborhood socioeconomic status influences the health of residents adjusting for their own personal or household socioeconomic statuses. If it does, the second question is how. If neighborhood socioeconomic statuses have an effect on residents' health over and above the impact of their own socioeconomic characteristics, we suggest that it is because collective socioeconomic statuses indicate concepts distinct from individual ones. The proposed project will consider the differences between what a measure indicates on the personal level that might affect health and what concept it indicates on the aggregate level that might affect health. Distinct concepts on the two levels likely have different associations with health and different pathways to health. We delineate three elements of socioeconomic status on the personal and contextual levels: education, work/employment, and economic circumstances. On the neighborhood level we propose that education indicates collective human capital; employment, collective watch; and economic circumstances (especially home ownership), collective interest. Multi-level, multi-indicator structural equation models will allow us to distinguish separate elements of neighborhood socioeconomic status, which most previous research on neighborhoods and health has not. Distinguishing and defining elements of socioeconomic status on the personal and contextual level is the first step necessary in order to examine associations between health and neighborhood socioeconomic status and it's elements, and compare these results to personal socioeconomic statuses. For instance, on the personal level economic hardship may be the economic element with the strongest relationship to health; on the neighborhood level, the prevalence of home ownership may be. Next we propose to</p>		

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explain the associations. We focus on two main explanations linking neighborhoods to health: the neighborhood context of disorder and stress, and health lifestyle. The analyses will use data from our 1995 survey of Community, Crime and Health (CCH), a probability sample of Illinois households with linked census tract information, and a follow-up in 1998.		
Su Yeong Kim National Institutes of Health R03 HD051629-01A1 PI: Su Yeong Kim	Teenagers, Families, and Well-Being	07/01/08-06/30/10 \$50,000 Submitted November 2007
The proposed study focuses on culturally-relevant developmental processes that are important for understanding the successful adjustment of children of immigrants in the United States. In immigrant families, Portes and Rumbaut (2001) identify generational dissonance as a family context that places children at increased risk for poor developmental outcomes. We currently know little about the mediating mechanisms that explain this relationship. Uncovering these mechanisms is important, as they may represent possible targets of intervention to increase the likelihood of successful adjustment among children of immigrants. The proposed study tests whether unsupportive parenting may operate as a mediator of the link between generational dissonance and child outcomes. The study further tests whether fathers' and mothers' parenting independently mediate the proposed relationship. It uses both cross-sectional and longitudinal self-reported survey data from mothers, fathers, and adolescents in Asian immigrant families, specifically Chinese Americans. In summary, there are three research aims. First, to test concurrent and longitudinal relations between generational dissonance and (a) unsupportive parenting, (b) adolescents' depressive symptoms, and (c) school performance. Second, to concurrently and longitudinally test whether unsupportive parenting mediates the relationship between parent-child acculturation discrepancy and adolescents' depressive symptoms and school performance. Third, we aim to test whether parent gender moderates the relationships tested in Aims 1 and 2.		
Su Yeong Kim National Institutes of Health R03 No. Pending PI: Su Yeong Kim	Language Brokering and Child Adjustment in Mexican American Families	12/01/08-11/30/10 \$50,000 Submitted February 2008
Children play a critical role in the resettlement process of immigrant families, particularly in the role of language broker, where children translate between the heritage language and English for their limited English-speaking immigrant parents. Although close to 90% of children function in a language brokering role in immigrant families, the developmental consequences of being a language broker has received limited attention from immigration scholars. The proposed project will focus on qualitative interviews with family members to explore the language brokering experience from multiple perspectives (target child, mother, father). This project can inform future large scale research efforts through illuminating how language brokering impacts parent-child relationships and more importantly, children's adjustment in terms of both academic and socioemotional outcomes. Forty Mexican American families will be recruited for the project, half from a school with a high density of Mexican American students and half from a school with low density of Mexican American students. The study has three research aims: 1) to understand how child language brokering affects parent-child relationships, including any differential effects for mothers and fathers; 2) to investigate how parent-child relationships may be linked to child adjustment in terms of both socio-emotional development and academic outcomes; and 3) to explore how adolescent gender and schools' density of Mexican immigrants may influence the foci of Aims 1 and 2. This project has the potential to inform population science about the developmental consequences of language brokering on the adjustment of Mexican immigrant children, the largest and fastest growing minority group in the U.S.		
Wei-hsin Yu National Institutes of Health R03HD057335-01	Economic Restructuring and Social Mobility in Japan	07/01/08-06/30/10 \$50,000 Submitted November

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PI: Wei-hsin Yu		2007
<p>The overall goal of this research project is to estimate the consequences of Japan's transformation on individuals' economic mobility and wellbeing. Japan presents a unique opportunity to study how variations in national labor market characteristics affect individuals' life chances in a single-country setting, where the findings are unlikely to be confounded by the cultural traits that are difficult to measure in multi-country studies. Dr. Yu will investigate whether industrial restructuring has increased economic inequality in the Japanese population by analyzing changes in employment stability and income distribution with data from the Social Stratification and Social Mobility Survey (SSM). The SSM was the first to collect detailed work and life history information from a nationally representative sample of Japanese men and women for the entire period of economic stagnation. Because individuals' long-term job prospects affect their rates of marriage, divorce, and childbearing, as well as their health, results of this study will have important implications for future research on these topics. In particular, the study will contribute to understanding Japan's rapidly changing demographic conditions, including the increasing postponement of marriage, declining fertility, the rising divorce rate, and the growing prevalence of psychological depression, as well as the relation between economic and social changes in postindustrial societies in general. More specifically, first, this project will provide evidence for whether and how Japan's permanent employment system has been dismantled by systematically analyzing changes in workers' rates of intrafirm job shifts, employer changes, and employment exits. Second, event history models based on Japanese adults' work and life histories through 2005 will be used to investigate whether economic downturns have increased individuals' risks of financial instability over the life course. I will also compare the consequences of Japan's recession for individuals of different gender, age, educational, and occupational groups. In doing so, this research will be the first to demonstrate the impact of economic restructuring on social inequality in Japan. Finally, I will use information on current income from the SSM conducted in 1985, 1995, and 2005 to identify the effect of Japan's labor market changes on the economic returns to men's and women's human capital, life-course stages, and job characteristics.</p>		

### I.d.III. List of Publications of Program Scientists and Brief Summary

The summary table of publications by PRC faculty research associates in alphabetical order is provided next, and lists books, articles, and chapters published since January 2007 as well as those that are forthcoming. The list includes a very rich mix of peer-reviewed articles in demography journals (e.g., *Demography*, *Population Research and Policy Review*, and *International Migration Review*), sociology (e.g., *American Sociological Review*, *Social Forces*, *American Journal of Sociology*), health and medicine (e.g., *Journal of Health and Social Behavior*, *American Journal of Public Health*, *American Journal of Epidemiology*), family studies (e.g., *Journal of Marriage and the Family*), child development (e.g., *Child Development*), and aging (e.g., *Journal of Gerontology: Social Sciences*), economics (e.g., *Review of Economics and Statistics*), and more. The list also includes an array of book chapters and 10 books. Later we discuss the center's publication record in light of the importance of infrastructure support to our program.

#### List of Publications of Program Scientists, 1/1/07-4/30/08

- Ali, K.** In Press. "Population Planning and Policies: Arab States." in *The Encyclopedia of Women and Islamic Cultures*: Koninklijke Brill.
- Amaral, E. and **J.E. Potter**. In press. "Políticas de Poblacion, Programmas Gubernamentales, y Fecundidad: Una Comparacion entre Brasil y Mexico." *Notas de Poblacion*.
- Anderson, E.** 2007. "Medicalized Masculinities." *Contemporary Sociology: A Journal of Reviews* 36:75-76.

- Anderson, E., S. Greene,** and M. Sullivan. In Press. "Divorce and Custody." in *Handbook of Clinical Psychology, Volume II: Children and Adolescents*, edited by M. Hersen and A. Gross. Hoboken, NJ: Wiley Publishers.
- Angel, J., R. Angel,** and M. Jimenéz. 2007. "The Economic Consequences of Widowhood for Older Minority Women." *The Gerontologist* 47(3).
- Angel, J.L.** 2007. "The Effects of Immigration on the Health of Older People." Pp. 123-157 in *Social Structures: Impact of Demographic Changes on the Well-being of Older Persons*, edited by K.W. Schaie and P. Uhlenberg. New York, NY: Springer Publishing.
- Angel, J.L., M.A. Jimenez,** and **R.J. Angel.** 2007. "The Economic Consequences of Widowhood for Older Minority Women." *Gerontologist* 47(2):224-234.
- Angel, J.L.** and K.E. Whitfield. 2007. *The Health of Aging Hispanics: The Mexican-Origin Population*. New York, NY: Springer Publishing.
- Angel, J.L.** and K.E. Whitfield. 2007. "Stetting the Stage: Hispanic Health and Aging in the Americas." Pp. 1-14 in *The Health of Aging Hispanics: The Mexican-Origin Population*, edited by J.L. Angel and K.E. Whitfield. New York, NY: Springer Publishing.
- Angel, R.** In press. "Illness Behavior." in *The Blackwell Encyclopedia of Sociology*, edited by G. Ritzer. London, England: Blackwell Press.
- Angel, R., J. Angel,** and **L. Lein.** 2007. "The Health Care Safety Net for Mexican American Families." in *Handbook of Families and Poverty: Interdisciplinary Perspectives*, edited by R. Crane and E. Marshall. Thousand Oaks, CA: Sage Publications.
- Angel, R.** and S. Frias. 2007. "Migration and Health." Pp. 263-279 in *Encyclopedia of Health and Aging*, edited by K. Markides, D. Blazer, L. Branch, and S. Studenski. Thousand Oaks, CA: Sage Publications.
- Angel, R.J., J.L. Angel,** and T.D. Hill. 2008. "A Comparison of the Health of Older Hispanics in the United States and Mexico: Methodological Challenges." *J Aging Health* 20(1):3-31.
- Angel, R.J.** and S.M. Frias. 2007. "Migration Health." Pp. 374-376 in *Encyclopedia of Health and Aging*, edited by K.S. Markides, D. Blazer, L.G. Branch, and S. Studenski. Thousand Oaks, CA: Sage Publications.
- Barrett, J.B. and **C.J. Buckley.** 2007. "Constrained contraceptive choice: IUD prevalence in Uzbekistan." *International Family Planning Perspectives* 33(2):50-57.
- Barrett, J.B., J. Pearson, **C.L. Muller,** and K.A. Frank. 2007. "Adolescent Religiosity and School Contexts\*." *Social Science Quarterly* 88(4):1024-1037.
- Bartkowski, J. and **C. Ellison.** In press. "Conservative Protestants on Children and Child Rearing." in *The Child in America's Religions*, edited by B. Miller-McLemore and D. Browning. New Brunswick, NJ: Rutgers University Press.
- Bradley, R., P. Nader, M. O'Brien, R. Houts, J. Belsky, **R. L. Crosnoe,** and E.C.C.R.N. NICHD. In press. "Obesity and Depression: Infancy to Middle Childhood." in *Obesity in America*, edited by D. Davies and H. Fitzgerald. Westport, CN: Praeger.
- Bradley, R.H., R. Houts, P. Nader, M. O'Brien, J. Belsky, and **R.L. Crosnoe.** 2008. "Adiposity and Internalizing Problems: Infancy to Middle Childhood." Pp. 73-91 in *Obesity in Childhood and Adolescence, Volume 2: Understanding Development and Prevention*, edited by D. Davies and H. Fitzgerald. Westport, CN: Praeger.
- Brondolo, E., S. Saegert, **C. Cubbin,** R. Wellington, D.L. Beatty, M. Weinstein, J. Tobin, and A. Cassells. In press. "Sociodemographic Variations in Self-reported Racism in a New York City Community Sample of Blacks and Latino(a)s." *Journal of Applied Social Psychology*.
- Buckley, C.J.** In press. "Making Migrants Count." in *The 2002 Russian Census and the Construction of Identity*, edited by D. Arel, D. Kertzer, and V. Tishkov.
- Buckley, C.J.,** B. Ruble, and E. Hofman. In press. *Coming Home: Population Movement and Belonging in Eurasia*. Woodrow Wilson/Johns Hopkins University Press.
- Burdette, A.M., **C.G. Ellison,** D.E. Sherkat, and K.A. Gore. 2007. "Are There Religious Variations in Marital Infidelity?" *Journal of Family Issues* 28(12):1553-1581.
- Callahan, R., L. Wilkinson, and **C.L. Muller.** 2008. "School Context and the Effect of ESL Placement on Mexican-Origin Adolescents' Achievement." *Social Science Quarterly* 89(1):177-198.
- Cavanagh, S.E.,** S. Crissey, and **R.K. Raley.** In press. "Family Structure and Adolescent Opposite Sex Relationships." *Journal of Marriage and Family*.
- Cavanagh, S.E.** 2007. "Peers, Drinking, and the Assimilation of Mexican American Youth." *Sociological Perspectives* 50(3):393-416.

- Cavanagh, S.E.** 2007. "The Social Construction of Romantic Relationships in Adolescence: Examining the Role of Peer Networks, Gender, and Race." *Sociological Inquiry* 77(4):572-600.
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- Cemalcilar, Z. and **T. Falbo**. In press. "A Longitudinal Study of the Adaptation of International Students in the United States." *Journal of Cross Cultural Psychology*.
- Chang, Y.E., **A.C. Huston**, D.A. Crosby, and L.A. Gennetian. 2007. "The Effects of Welfare and Employment Programs on Children's Participation in Head Start." *Economics of Education Review* 26(1):17-32.
- Chatters, L. and **C. Ellison**. In press. "Subjective Well-Being among African American Elderly: Developments in Theory and Research." in *The Black American Elderly: Research on Physical and Psychosocial Health*, edited by J. Jackson. New York, NY: Springer.
- Choi, K., **A. Sakamoto**, and **D. Powers**. In press. "Who is Hispanic? Hispanic Identity among African Americans, Asian Americans, Others, and Whites." *Sociological Inquiry*.
- Cooper, C.E. and **R.L. Crosnoe**. 2007. "The Engagement in Schooling of Economically Disadvantaged Parents and Children." *Youth Society* 38(3):372-391.
- Crews-Meyer, K.A.** In press. "Landscape Dynamism: Disentangling Thematic Versus Structural Change in Northeast Thailand." in *Land Use Change: Science, Policy, and Management*, edited by R. Aspinall and M. Hoill. New York, NY: CRC Press.
- Crews-Meyer, K.A.** In press. "Remote Sensing (1200 words)." in *Encyclopedia of Environment & Society*, edited by P. Robbins. Thousand Oaks, CA: Sage Publications.
- Crews-Meyer, K.A.** and **K.R. Young**. In press. "Introduction." Pp. 367-368 in *Form, Process, and Function: Coalescing Geographic Frontiers*, edited by **K. Young** and **K. Crews-Meyer** (Guest Editors).
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- Crosnoe, R.L.** 2007. "Early Child Care and the School Readiness of Children from Mexican Immigrant Families1." *International Migration Review* 41(1):152-181.
- Crosnoe, R.L.** 2007. "Gender, Obesity, and Education." *Sociology of Education* 80:241-260.
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#### I.d.iv. List of Presentations, Invited Addresses and Conference Presentations of Program Scientists and Brief Summary

The next table lists presentations and addresses made by PRC researchers since January 2007. As with our publications, the list shows a very active faculty who present their work in a variety of settings: on our own campus, across the state, across the country, and internationally. On the whole, the annual meeting of the Population Association of America continues to be a very important venue for our researchers, as evidence in the list of presentations. In Spring 2007, 20 of our faculty and 18 students actively participated in the meeting. All presented papers, presented posters, and acted as discussants. In Spring 2008, 24 faculty and 34 students participated in the meetings. The PRC is a highly visible presence at the core national meetings of population studies. Other well-attended meetings of PRC researchers include the annual meetings of the Southern Demographic Association, the National Council on Family Relations, the Society for Research on Child Development, The Association of American Geographers, and the Gerontological Society of America. PRC faculty also have given a number of invited addresses to numerous academic audiences in the past year.

#### PRC Presentations from January 1, 2007 to April 30, 2008

- Aliaga Linares, L. and **T.W. Pullum**. Exploring Access to Maternal Health Services and Infant Mortality Regional Differentials Peru 2000. Population Association of America Annual Meeting, New York, NY, April, March 2007.
- Amaral, E.F., E.L.G. Rios-Neto, **D. Hamermesh**, and **J.E. Potter**. Demographic Change and Local Labor Market Outcomes in Brazil. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Anderson, E.R.**, Invited presenter. Ready (or Not) to Take a Change Again: Mothers' Experience with Dating After Divorce. Pamela Turbeville Invited Speaker Series, University of Arizona, Tucson, AZ, 2007.
- Angel, J.L.** Invited presenter. Hispanic Health and Aging Research in a New Century. Taking the Next Step: Progress in minority Aging Research, National Institute on Aging Technical Workshop, San Francisco, CA, 2007.
- Angel, J.L.** Invited presenter. Aging Texas: Implications for Long-term Care. Department of Aging and Disability Legal Services Meeting, Austin, TX, 2007.
- Angel, J.L.** Invited presenter. Population Change in Texas: Implications for Human and Socioeconomic Resources in the 21<sup>st</sup> Century. Agency Executive Staff, Texas Department of Insurance, Austin, TX, 2007.
- Angel, J.L., R.J. Angel**, and T.D. Hill. Immigration Influences on Healthful Aging in the U.S. and Mexico. Annual meeting of the Gerontological Society of America, San Francisco, CA, 2007.
- Angel, R.J., J.L. Angel**, and J.K. Montez. The Work-Health Nexus: The Weak Link for Hispanics. Annual meeting of the American Sociological Association, New York, NY, 2007.
- Angel, R. J.** The Institutional Context of Immigration Incorporation. Conflict & Belonging, First Global Conference on Multiculturalism, Mansfield College, Oxford, UK, 2007.
- Angel, R.J.**, H. Bell, and J. Beausoleil. Non-Governmental Organizations, the State, and Families in Crisis. Disaster and Migration Conference, Tulane University and the Social Science Research Council, New Orleans, LA, April, 2007.
- Assuncao, R.M., C.P. Schmertmann, and **J.E. Potter**. Adding Structural Variables to Space-Time Interaction Tests: An Application to Fertility Transition in Brazil. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Augustine, J.M. and **R.L. Crosnoe**. Maternal Education and Early Child Care. Annual meeting of the Population Association of America, March 2007.
- Augustine, J.M., **R.L. Crosnoe**, and **A.C. Huston**. The Transition to Elementary School: Assessing the Impact of Early Learning Opportunities and Classroom Quality on the Achievement Gap. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Ball, Jennifer G. and **P. A. Stout**. Factors Associated with Consumer's Trust of DTC Advertising. Annual Conference of the International Communication Association, Montreal, Canada, May 2008.
- Barrett, J.B., **C.G. Ellison** and C. Grammich. Religious Influences on American Opinion about Family Planning. Annual meeting, Population Association of America, New Orleans, LA, April 2008.

- Bartolic, S., S. J. Lee, and, **Vandewater, E. A.** Relating Activity Involvements to Child Weight Status: Do Normal and Overweight Children Differ in How They Spend Their Time? Annual meeting of the Population Association of America, New York, NY, March 2007.
- Benitez, L.M., A.P. Webb, **E.R. Anderson**, M.K. Sullivan, and **S.M Greene**. Social Support Availability and Divorced Mothers' Dating Practices. Annual meeting of the National Council on Family Relations, Pittsburgh, PA, November 2007.
- Boyd-Soisson, E.F., N. Hazen, L.D. McFarland, and **D.B. Jacobvitz**. A Longitudinal Study of Emotional Sensitivity in the Family. Biennial meeting of the Society of Research in Child Development, Boston, MA, March 2007.
- Buckley, C.J.** Families, Migration and Risk: Evidence from the Southern Caucasus. Conference on Women and HIV/AIDS, SSRC/UNESCO, Paris, France, October 2007.
- Buckley, C.J.** Remittances and economic Development in Tajikistan, Migration in Theoretical and Global Perspectives Conference, Moscow State University, Moscow, Russia, September 2007.
- Buckley, C.J.** Migration and HIV in the southern Caucasus. Annual meeting of the American Sociological Association, New York, NY, August 2007.
- Buckley, C.J.** Meanings, Myths and Measurement: Estimating HIV/AIDS Prevalence in the Southern Caucasus. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Buckley, C.J.** Research Ethics in HIV/AIDS Research and Estimating Prevalence and Incidence. Meetings on Social Science Approaches to HIV/AIDS, SSRC/Russian Academy of Sciences, Moscow, Russia, March 2008.
- Buckley, C.J.** and J.B. Barrett. Women's Perceived Control in the Russian Federation. Annual meeting of the Association for Nationalities Studies, New York, NY, March 2007.
- Buckley, C.J.** and E. Hoffman. Remittances and Family Well-Being in Tajikistan. Poster presented at the annual meetings of the Population Association of America, New York, NY, March 2007.
- Cai, L., J. Lubitz, **M. D. Hayward**, Y. Saito, A. Hagedorn, E. Crimmins. Using the Bootstrap Method to Estimate Variances of Multi-State Life Table Functions. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Carey E Cooper, C.E., **C. Osborne**, and S. McLanahan. Family Instability and Children's Socio-Emotional and Cognitive Development at School Entry. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Cavanagh, S.E.** Puberty in Girls' Lives. New Faculty Colloquium Series, Center for Women's and Gender Studies, The University of Texas at Austin, February 2007.
- Cavanagh, S.E.** Family Instability, Selection, and Child Well-Being in Middle Childhood. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Crews, K.A.** Invited discussant. Landscape Ecology: Current Examples and Future Trends. Annual meeting of the Association of American Geographers, San Francisco, April 2007.
- Crews, K.A.** Invited presenter. Remote Sensing for Management and Monitoring. Charles Darwin Research Station and Galapagos Park Service, Galapagos, Ecuador, January 2007.
- Crews, K.A.** Invited presenter. A Multiscale Framework for Assessing HIV/AIDS Vulnerability. Geospatial Sciences for Sustainable Development in Africa: Global Dialogue on Emerging Science and Technology (GDEST), Cape Town, South Africa, March 2008.
- Crews, K.A.** and **K.R. Young**. Resilience and Stability as a Framework for Health: The Interplay of Social and Environmental Vulnerabilities, in special session Geographies of Health and Environment in the Developing World. Annual meeting of the Association of American Geographers, San Francisco, CA, April 2007.
- Crockett, E.E., **T.J. Loving**, B. Le, and M.S. Korn. Predicting daters' sex-typed coping strategies in the context of geographic separation. Society for Personality and Social Psychology (SPSP) 9<sup>th</sup> annual meeting, Albuquerque, NM, February 2008.
- Crosnoe, R.L.** Schools, Relationships, and Inequality. Stanford Social Psychology Workshop, Stanford Center on Adolescence, Stanford, CA, 2007.
- Crosnoe, R.L.** Invited Presenter. The High School as a Context of Adolescent Development. Biennial meeting of the Society for Research on Child Development, Boston, MA, 2007.
- Crosnoe, R.L.** The School Readiness of Children from Mexican Immigrant Families. Biennial meeting of the Society for Research in Child Development, 2007.
- Crosnoe, R.L.** Drinking and the Transition from Adolescence into Young Adulthood. Center for Health Promotion Research, School of Nursing, The University of Texas at Austin, 2007.

- Cubbin, C.** Excess Mortality among Low SES Adults in High SES Neighborhoods. Colloquium, Department of Family and Community Medicine, University of California, San Fernando, May 2007.
- Everett, B.G., R.G. Rogers, **P.M. Krueger**, and **R.A. Hummer**. Trends in Educational Attainment by Sex, Race/Ethnicity, and Nativity in the U.S., 1989-2005. Annual meeting of the Southern Demographic Association, Birmingham, AL, October 2007.
- Falbo, T.**, K. Chen, and S.H. Kim. Sibling Effects on Health in Later Life. Poster presented at the annual convention of the American Psychological Association, San Francisco, CA, August 2007.
- Falbo, T.** and L.M. Stapleton. The College Motivation of Students With and Without Learning Disabilities. Poster presented at the annual convention of the American Psychological Association, San Francisco, CA, August 2007.
- Falbo, T.** S.H. Kim, and K. Chen. The Effects of Siblings, Parental Socioeconomic Status, Adolescent Aptitude, Educational Attainment, and Wealth on Health in Later Life. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Frisbie, W.P.** and S. Song. Race/Ethnic Disparities in Cause-Specific Infant Mortality Change over Two Decades. Population Association of America Annual Meeting, New York, NY, March 2007.
- Frisbie, W.P.** Race/Ethnic Disparities in Cause-Specific Infant Mortality Change. Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Frisbie, W.P.** and G.L. Gossman. Recurrent Ear Infections among American Indians and Alaska Native Children: Evidence from a National Sample. Poster presented at the annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Frisbie, W.P.**, **R.A. Hummer**, and S. McKinnon. Changing Rates of Low-Risk Cesarean Deliveries in the U.S.: Classification, Race/Ethnicity and Other Factors. Poster presented at the annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Frisbie, W.P.**, S. McKinnon, and S.E. Song. "Changing Rates of Low-Risk Cesarean Deliveries in the U.S.: Classification, Race/Ethnicity and Other Factors." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Gardner, S.K., J.L. Lott, **D.A. Powers**, and T. Le. Doctoral Student Attrition: An Exploratory Event History Analysis. Annual meeting of the American Educational Research Association (AERA), Chicago, IL, April 2007.
- Gossman, G.L. and **W.P. Frisbie**. "Recurrent Ear Infections among American Indians and Alaska Native Children: Evidence from a National Sample." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Gore, K.A. and **R.L. Crosnoe**. Gender Differences in Adolescent Depression: Social Integration into the Normative School Context. Population Association of America Annual Meeting, New York, NY, April 2007.
- Graham, J.E., R. Glaser, **T.J. Loving**, W.B. Malarkey, and J.K. Kiecolt-Glaser. Expression of Cognitive Words Attenuates Serum IL-6 Increases Following Marital Conflict. Society for Behavioral Medicine 28<sup>th</sup> annual meeting, Washington, DC, March 2007.
- Hamilton, E.R. and **A. Villarreal**. "The Macro Sources of Recent Mexican Migration." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Hamilton, E., **A. Villarreal**, and **R. Hummer**. Mother's, Household, and Community U.S. Migration Experience and Infant Mortality in Mexico. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Hayward, M.D.** Bringing the Body Back into Aging and Life Course Research. Annual Meeting of the American Sociological Association, New York, NY, 2007.
- Hayward, M.D.** Does the Body Forget? A Life Course Approach to Adult Health and Mortality. Society of Behavioral Medicine Keynote Address, San Diego, CA, 2008.
- Hayward, M.D.** A Biodemographic Approach in Understanding the Life Course Origins of Chronic Disease. Taiwan Population Association Keynote Address, Taipei, Taiwan, 2008.
- Hayward, M.D.**, E.M. Crimmins, **R.A. Hummer**, M. Hidajat, and D. How Much Life Does a Good Education Buy? Annual Meeting of the Population Association of America, New Orleans, LA, 2008.
- Hayward, M.D.**, M.M. Hidajat, and D. Brown. How Much Life Does a Good Education Buy? Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Hazen, N., **D.B. Jacobvitz**, S.D. Allen, K.N. Higgins, and M.K. Jin. Pathways from Disorganized Attachment to Later Social-emotional Problems: The Role of Gender and Parent-Child Interactions. Biennial meeting of the Society for Research in Child Development, Boston, MA, March 2007.

- Henderson, A.K. and **C.G. Ellison**. "My Body is a Temple: Eating Disturbances, Religious Involvement and Mental Health among Young Adult Women." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Hofmann, E.T. and **C.J. Buckley**. Cultural Responses to Changing Gender Patterns of Migration in Georgia. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Hofmann, E. and **C.J. Buckley**. The Value of Remittances: Effects of Labor Migration on Family Income in Tajikistan. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Hopkins, K.L.** "The Ideal Marriage vs. The Reality of a Bad Marriage: The Experiences of Mexican-American Women." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Hummer, R.A.** Invited presenter. The Department as a Catalyst for Change. Annual meeting of the NST Collaborative on Diversifying the Graduate Student Body of the Social, Behavioral, and Economic Sciences, Santa Barbara, California, 2007.
- Hummer, R.A.** Invited presenter. Difficult Discussions as Opportunities for Learning and Teaching. Collaborative for Instructional Impact, The University of Texas at Austin, Austin, TX, 2007.
- Hummer, R.A.** Health People 2000 and 2010?: Educational Differences in U.S. Adult Mortality. Annual meeting of the Southern Demographic Association, Birmingham, AL, October 2007.
- Hummer, R.A.** Invited presenter. Difficult Dialogues: Getting Them to Talk. Annual workshop on Teaching and Learning, Division of Instructional Innovation and Assessment, The University of Texas at Austin, Austin, TX, 2008.
- Huston, A.C.** From Research to Policy and Back. Presidential Address to the Society for Research in Child Development, Boston, MA, March 2007.
- Huston, A.C.** Invited presenter. New Hope: An Intervention for Working Poor Families and their Children. University of Pittsburgh, Pittsburgh, PA, April 2007.
- Huston, A.C.** How to Infuse Early Child Development Knowledge into the Policy Process. Annual UNICEF Global Consultation on Early Childhood Development: Early Childhood Development and Social Policies, New York, NY, August 2007.
- Jacobvitz, D.B.** Invited presenter. Parental Correlates of Attachment Disorganization in Infancy. Pre-conference, biennial meeting of the Society for Research in Development, Boston, MA, April 2007.
- Jarvis, P., **S.Y. Kim**, and J. Lockman. Invited Presenter. Career opportunities in child development with senior mentors from outside the Boston area. Frances D. Horowitz Millennium Scholars Program, Society for Research in Child Development, Boston, MA, March 2007.
- Jimenez, M.A. and **Y.C. Padilla**. Language of Interview and Self-Rated Health in a Sample of Mothers. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Kim, C. and **A. Sakamoto**. Declining Inter-Industry Wage Dispersion in the United States. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Kim, S.Y.** Heritage language fluency, ethnic Identity, and school effort of immigrant Chinese and Mexican adolescents. Asia in Latin America Conference, University of Texas, Austin, TX, October 2007.
- Kim, S.Y.** and X. Huang. Mother-father acculturation, parenting, and adolescent depressive symptoms in Chinese immigrant families. Society for Research on Adolescence 12<sup>th</sup> biennial meeting, Chicago, IL, March 2008.
- Kim, S.Y.** and A.C.-C. Chen. The Role of Family Cultural Orientation in Depressive Symptoms of Chinese American Emerging Adults. Conference on Emerging Adulthood 3<sup>rd</sup> Conference, Tucson, AZ, February 2007.
- King, B.** No One Dies of AIDS': Political Ecologies of Health in Rural South Africa. Annual meeting of the Association of American Geographers, San Francisco, CA, 2007.
- King, B.** Institutional Ethnographies and Development Studies: Theories, Methods and Lessons. Discussion panel session, Association of American Geographers, San Francisco, CA, 2007.
- King, B.** Sugar Rivers: Irrigation Development in Northeast South Africa. Discussion panel session, Association of American Geographers, San Francisco, CA, 2007.
- King, B.** Livelihood in a Neoliberal World. Discussion panel session, International Development Conference, Berkeley, CA, 2007.
- Knab, J., I. Garfinkel, S. McLanahan, E. Moiduddin, and **C. Osborne**. The Effects of Welfare and Child Support Policies on the Timing and Incidence of Marriage Following a Nonmarital Birth. Conference entitled Ten Years After: Evaluating the Long-Term Effects of Welfare Reform on Children, Families, Welfare, and Work. University of Kentucky Center for Poverty Research, Lexington, KY, April 2007.

- Krueger, P.M.** and V. Chang. Invited presenters. Being Poor and Coping with Stress: Health Behaviors and the Risk of Death. Seminar in Management, Policy and Community Health, The University of Texas School of Public Health, Houston, TX, 2007.
- Krueger, P.M.** and S. Preston. Cohort Fertility Patterns and Breast Cancer Mortality among U.S. Women. Population Association of America Annual Meeting, New York, NY, March 2007.
- Krueger, P.M.**, E. Wildsmith, and X. Gu. Multiple Demands or Multiple Opportunities?: Work, Family, and Spousal Health in the U.S. Annual meetings of the Population Association of America, New York, NY, March 2007.
- Le, B., M.S. Korn, **T.J. Loving**, and E.E. Crockett. Commitment, relationship maintenance, and missing a romantic partner: A longitudinal investigation of short-term geographic separations. Society for Personality and Social Psychology (SPSP) 9<sup>th</sup> annual meeting, Albuquerque, NM, February 2008.
- Leal, D.L.**, J. McCann, and W. Cornelius. Does Engagement in Campaigns and Elections South of the Border Pull Mexican Immigrants away from U.S. Politics? Evidence from the 2006 Mexican Expatriate Study. XXVII International Congress of the Latin American Studies Association, Montreal, QC, Canada, September 2007.
- Leal, D.L.** and C.W. Nichols. Attitudes toward the U.S. Military: The Role of Partisanship, Demographics, and Veteran Status. 2007 Biennial International Conference of the Inter-University Seminar on Armed Forces & Society, Chicago, IL, October 2007.
- Leal, D.L.** and C.W. Nichols. Military Family Attitudes towards Bush, Rumsfeld, and Powell: Institutional and Individual Determinants. 2007 Biennial International Conference of the Inter-University Seminar on Armed Forces & Society, Chicago, IL, October 2007.
- Leal, D.L.** and A. Pantoja. Public Opinion toward Immigration Reform: Evidence from the U.S. and Texas. Annual meeting of the Midwest Political Science Association, Chicago, IL, April 2007.
- Leal, D.L.**, I. White, C. McConaughy, and J. Casellas. A Latino on the Ballot: Explaining Co-Ethnic Voting Among Latinos and White Americans' Response. Annual meeting of the American Political Science Association, Chicago, IL, August 2007.
- Leal, D.L.** and J. Casellas. Illegal, Unauthorized, or Undocumented? Congressional Voting on Immigration Reform in 2006. Annual meeting of the Midwest Political Science Association. Chicago, IL, April 2008.
- Leal, D.L.**, G.P. Freeman, and J. Onyett. Pointless: On the Failure to Adopt an Immigration Points System in the United States. Workshop on Highly Skilled Immigration Policy. University of Toronto, School of Public Policy and Governance and Department of Political Science. Toronto, ON, Canada, February 2008.
- Lee, S. J. and **E.A. Vandewater**. Online Communication and Adolescent Social Ties: Who Benefits More From Internet Use? International Communication Association, Montreal, Canada, May 2008.
- Lee, S. J., **E.A. Vandewater**, and S. Bartolic. Predicting Children's Media Use: Within-time versus Over-time. International Communication Association, San Francisco, CA, March 2007.
- Lochner, K.A., **R.A. Hummer**, and C.S. Cox. "Comparative Analysis of the Public-Use And Restricted-Use National Health Interview Survey (NHIS) Linked Mortality Files." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Loving, T.J.** Nonmarital romances, physiology, and the relationship support process. Department of Psychology, Division of Social Psychology, Texas A&M University, College Station, TX, October 2007.
- Loving, T.J.** You+Me=We+Stress: Marriage, dating, and physiology. University of Wisconsin, Green Bay, WI, November 2007.
- Loving, T.J.** Love on the Line. Student and public lecture on maintaining long-distance relationships as part of the Relationship Enrichment Program at the University of Wisconsin, Green Bay, WI, November 2007.
- Loving, T.J.** Invited speaker. Daters' behavioral physiological, and relationship outcomes: It's certainly the uncertainty. Annual Meeting of the American Psychological Association, San Francisco, CA, August 2007.
- Loving, T.J.** and M. Pope. Uncertainty reduction or uncertainty expansion? When contact with friends promotes termination of dating relationships. Society for Personality and Social Psychology (SPSP) 8<sup>th</sup> annual meeting, Memphis, TN, January 2007.
- Lui, H. and **D.A. Powers**. Bayesian Inference for Count Data With Excess Zeros In Social Science. Annual meeting of the American Sociological Association, New York, NY, March 2007.

- Marmor-Lavie, G. and **P. A. Stout**. Understanding Spiritual Need and the Spiritually-Inclined Consumer: Advertising in the New Age. National Communication Association Annual Conference, Chicago, IL, November 2007.
- Muller, C.L.** Inside High Schools: Opportunities and Social Norms. Hannah Lecture, Michigan State University, May 2007.
- Musick, M.** and M.R. Rose. Role of Religion in the Production of Attitudes toward the Jury. Annual Meeting of the Law and Society Association, Berlin, Germany, July 2007.
- Montez, J.K., **J.L. Angel** and **R.J. Angel**. "Minority Women's Access to Health Insurance: The Intersecting Roles of Work, Marriage and Motherhood." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Neuenschwander, A.L. and **K.A. Crews**. Assessing Temporal Dynamics Using Landsat TM/ETM+: Disturbance and Resilience in the Okavango Delta, Botswana. Annual meeting of the Association of American Geographers, San Francisco, CA, April 2007.
- Osborne, C.** Educational Payoffs to Investments in Early Childhood. Educational Policy and Planning Program P-16 Forum. University of Texas, Austin, TX, October 2007.
- Osborne, C.** Communication Patterns Between Teen Parents. Lifting Teen Families: Strengthening Programs for Pregnant and Parenting Teens conference sponsored by the St. David's Community Health Foundation, Austin, TX, October 2007.
- Osborne, C.** Links Between Early Father Involvement and Subsequent Family Formation. The First Nine Months of Fatherhood conference sponsored by the Texas Office of the Attorney General, Houston, TX, August 2007.
- Osborne, C.** Why Do We Need Healthy Marriage Programs? Texas Healthy Marriage Initiative Summit, Texas Health and Human Services Commission, Austin, TX, June 2007.
- Osborne, C.** Is Marriage Protective for All Children? Cumulative Risks at Birth and Subsequent Child Behavior. Welfare Reform Evaluation Conference. Administration for Children and Families, Washington, DC, June 2007.
- Osborne, C.** Is Marriage Protective for All Children? Cumulative Risks at Birth and Subsequent Child Behavior. National Poverty Center at the University of Michigan. Ann Arbor, MI, March 2007.
- Osborne, C.** Gender, Equity, and Social Policy. Social Models Conference: A Comparison of the United States and Europe. University of Texas, Austin, TX, February 2007.
- Osborne, C.** Demographic Trends Affecting Women: What is Hopeful? What is Problematic? Annual Leadership Texas Conference, Austin, TX, January 2007.
- Osborne, C.** Fragile Families: Who Are They? And How Can We Help? Title VI-D Child Support Forum on Access and Visitation, Austin, TX, 2007.
- Osborne, C.** Is Marriage Protective for All Children? A Cumulative Risk Perspective. Annual Meeting of the Association for Public Policy Analysis and Management, Washington, DC., November 2007.
- Osborne, C.** and S. McLanahan. Family Instability and Children's Socio-emotional Development at School Entry. Population Research Center, University of Texas, Austin, TX, October 2007.
- Osborne, C.** Is Marriage Protective for All Children? Cumulative Risks at Birth and Subsequent Child Well-Being. Center for Family and Demographic Research Seminar Series, Bowling Green State University, Bowling Green, OH, February 2008.
- Padilla, Y.** Global and International Perspectives: The Health of Immigrant Families. University of Michigan's Joint Interdisciplinary Doctoral Program in Social Work and Social Science 50<sup>th</sup> Anniversary Conference, Ann Arbor, MI, October 2007.
- Padilla, Y.** and E. Hamilton. Mexican American Health in Early Childhood: Is the Health Advantage at Birth Sustained? Annual meeting of the Southern Demographic Association, Birmingham, AL, October 2007.
- Padilla, Y.** and G. Villalobos. Cultural Responses to Health in Mexican American Families. Conference of the Inter-University Program for Latino Research, Siglo XXI: Economies of Class, Economies of Culture, Austin, Texas, April 2007.
- Paxson, A.A., E.E. Crockett, and **T.J. Loving**. I love you, but you stress me out: Does self-expansion make falling in love stressful? Society for Personality and Social Psychology (SPSP) 9<sup>th</sup> annual meeting, Albuquerque, NM, February 2008.
- Pereira Bruno, J., **R.J. Angel**, and **J.L. Angel**. Efficiency with a Human Face: Post-Neoliberal Reforms and the Right the Health Care in the Southern Cone. International Congress, Latin American Studies Association, Montreal, Canada, 2007.

- Powers, D.A.** "Differences in Characteristics or Differences in Risk: Decomposing the Black-White Difference in Nonmarital Fertility." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Pullum, T.W.** and J.M. Sullivan. Detecting Bias in DHS Infant and Child Mortality Estimates. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Radey, M. and **Y.C. Padilla**. Informal Financial Support Networks among Single Mothers of Young Children. Annual Meeting of the Society for Social Work and Research, San Francisco, CA, January 2007.
- Raley, R.K.** and M.K. Sullivan. Social-Contextual influences on Adolescent Romantic and Sexual Activity. American Sociological Association, New York, NY, August 2007.
- Raley, R.K.** and C.E. Stokes. Kin Connection: The Association Between Parental Kin Involvement While Growing Up And Union Formation In Adulthood. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Reczek, C. and **D. Umberson**. Commitment Without Marriage: Union Formation of Long-term Gay and Lesbian Couples. Annual meeting of the American Sociological Association, New York, NY, August 2007.
- Roetzel, A.C., **D.B. Jacobvitz**, K.N. Higgins, R.C. Saunders, and N. Hazen. Links among Prenatal Marital Qualities, Mother-toddler Interactions in Dyadic and Triadic Contexts, and Child Anxiety and Aggression. Biennial meeting of the Society for Research in Child Development, Boston, MA, March 2007.
- Rosenau, P.V. and **P.M. Krueger**. The U.S. and Canada: Equivocal, Divisible, With Diversity in Unity for All (A Pilot Study)." Biennial conference of the Association for Canadian Studies in the United States, Toronto, ON, 2007.
- Regnerus, M.G.** Forbidden Fruit? Sex and Religious Faith in the Lives of Young Americans. Baylor University, Waco, TX, September 2007.
- Regnerus, M.G.**, J. Uecker, and N. Angotti. Going Most of the Way: Religion, Pledging, and 'Sexual Substitution' among Young Americans. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Riegle-Crumb, C.** and E. Grodsky. The Intersection of Course-taking and Test Scores: Differences by Students' Race Ethnicity. Annual meeting of the Sociology of Education Association, Monterey, CA, February 2007.
- Riosmena, F. and **R. Wong**. "Health Selectivity and SES-Health Gradients in Mexico-U.S. Migration and Return: A Bi-National Perspective on Older Adults." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Robinson, K.D. and A.L. Harris. To Punish or not to Punish?: Parental Responses to Inadequate Achievement. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Saint Onge, J.M., R.G. Rogers, and **P.M. Krueger**. Major League Baseball Players' Life Expectancies. Poster, annual meeting of the Population Association of America, New York, March 2007.
- Saint Onge, J.M. and **P.M. Krueger**. Education, Exercise, and Body Mass: The Importance of Various Physical Activities." Annual meeting of the Southern Demographic Association, Birmingham, AL, October 2007.
- Saint Onge, J.M. and **P.M. Krueger**. Physical Activity Portfolios, Education, and Race/Ethnic Disparities in Body Mass in the U.S. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Saunders, R.C., **D.B. Jacobvitz**, M. Zaccagnino, A.C. Roetzel, and N. Hazen. The Role of Alternative Support Figures in Adult Earned-security. Biennial meeting of the Society for Research in Child Development, Boston, MA, March 2007.
- Smith, A.M., **T.J. Loving**, and E.E. Crockett. An experimental approach to understanding social support: is closeness a moderator of support effectiveness? Society for Personality and Social Psychology (SPSP) 8<sup>th</sup> annual meeting, Memphis, TN, January 2007.
- Smith, A.M., **T.J. Loving**, and E.E. Crockett. The flip side: HPA-axis consequences of being a support provider. Society for Personality and Social Psychology (SPSP) 9<sup>th</sup> annual meeting, Albuquerque, NM, February 2008.
- Sternthal, M., D. Williams, **M. Musick**, and A. Campbell. Religious Practice, Beliefs, and Mental Health: Variations across Race and Ethnicity. Population Association of America Annual Meeting, New York, NY, March 2007.

- Scremin, Gracieli and **P. A. Stout**. Political Parties as Brands: Developing a Conceptual Framework for Understanding Voter-Based Party Equity. Annual Conference of American Academy of Advertising, San Mateo, CA, March 2008.
- Sullivan, M.K., **S.M. Greene**, and **E.R. Anderson**. Risky Moms & Choosy Moms: Effects of Divorced Mother's Dating Characteristics on Children's Social Adjustment. Biennial meeting of the Society for Research in Child Development, Boston, MA, March 2007.
- Takei, I. and **A. Sakamoto**. Do College-Educated, Native-Born Asian Americans Face a Glass Ceiling in Obtaining Managerial Authority? Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Takei, I., **A. Sakamoto**, and Y. Murase. The Cultural Foundations of Income Inequality: A U.S.-Japan Comparison. Annual meeting of the American Sociological Association, New York, NY, August 2007.
- Traphagan, J.** Consuming Old Age: Elder Services, Well-Being, and Elder Care Entrepreneurialism in Japan. Japan Anthropology Workshop Annual meeting, Oslo, Norway, 2007
- Traphagan, J.** Recollecting the Past: Embodying Memory in Japan. Reischauer Institute, Harvard University, Cambridge, MA. 2007.
- Traphagan, J.** Of Chrysanthemums and Inverted Vs: Anthropology and the Creation of 'Japan' in the Western Imagination. Southwestern Section of the Association for the Advancement of Science, Houston, TX, 2007.
- Trejo, S.J.** and B. Duncan. Ancestry versus Ethnicity: The Complexity and Selectivity of Mexican Identification in the United States. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Uecker, J., N. Angotti, and **M.D. Regnerus**. Going Most of the Way: Technical Virginity among Young Americans. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Umberson, D.** and H. Liu. Marital Status, Marital Transitions, and Body Mass: Gender, Race, and Life Course Considerations. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Umberson, D.**, H.Lui, and C. Reczek. How Parental Status Affects Weight Gain and Loss Over the Life Course? Annual Meeting of American Sociological Association, New York, NY, August 2007.
- Umberson, D.** What's Love Got to Do With It? Marriage and Health Behaviors. Annual meeting of the Western Psychological Association, Vancouver, British Columbia, May 2007.
- Umberson, D.J.**, H. Liu and C. Reczek. Stress and Trajectories of Change in Body Mass: A Life Course Perspective. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Vandewater, E. A.** and S.J. Lee. Can I Have My Own TV?: Relating Bedroom Television to Adolescent Activities and Academic Skills. Society for Research in Child Development, Boston, MA, March 2007.
- Vandewater, E. A.**, S. E. Par, S. J. Lee, and H.E. Lee. Disengaged Parenting: A Common Cause of the Relationships Among Television Viewing, Academic Performance, and Childhood Obesity? International Communication Association, Montreal, Canada, May 2008.
- Villarreal, A., R.A. Hummer**, and E. Hamilton. Mother's, Household, and Community U.S. Migration Experience and Infant Mortality in Mexico. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Villarreal, A. and W. Yu**. Does Economic Globalization Benefit Women? Export Production, Foreign Investment, and Gender Inequality in Mexico. Annual meeting of the Population Association of America, New York, NY, March 2007.
- Warr, M.** Safe at Home: The Transition from Public to Private Life in the United States, 1960-2000. Meetings of the American Society of Criminology, Atlanta, GA, 2007.
- Warr, M.** Invited speaker. Social Reactions to Crime. Parents' Day, The University of Texas, Austin, TX, 2007.
- Warr, M.** Invited speaker. Safe at Home: The Transition from Public to Private Life in the United States, 1960-2000. Department of Sociology, University of Washington, 2007.
- Woodberry, R.D.** Missions and the Origins of Immediate Abolitionism. Yale-Edinburgh Missions History Conference, Yale University, New Haven, CT, June 2007.
- Woodberry, R.D.** The Medical Impact of Missions. Winter meetings of the American Society for Church History. Atlanta, GA, January 2007.
- Woodberry, R.D.** Religion and Intellectuals in Sociology. The Opening of the Evangelical Mind: A Conference on Evangelical Intellectuals, Institute on Culture, Religion and World Affairs, Boston University, Boston, MA, December 2007.
- Woodberry, R.D.** Combining Historical and Statistical Research. Boston University, Boston, MA, October 2007.

- Woodberry, R.D.** Colonial Origins of Post-Colonial Development: The Current Economic and Political Consequences of Colonial Missions. University of North Texas, Denton, TX, May 2007.
- Woodberry, R.D.** The Economic Performance of Civilizations: The Roles of Culture, Religion and the Law. University of Southern California, Los Angeles, CA, February 2007.
- Woodberry, R.D.** and J.C. Esparza. Religion and Patterns of Marriage in Pre-Industrial Germany. Social Science History Association, Chicago, IL, November 2007.
- White, K. and **J.E. Potter**. The Effect of Community Migration on Women's Marriage and Fertility in High Migrant Sending States in Mexico. Annual meeting, Population Association of America, New Orleans, LA, April 2008.
- Warner, D., **M.D. Hayward**, and Melissa A. Hardy. The Retirement Life Course in America at the Dawn of the 21st Century. Annual Meeting of the Population Association of America, New York, NY 2007.
- Weaver, S.R., **S.Y. Kim**, and A.C-C. Chen. Parent-child cultural orientation and adolescent adjustment in Chinese immigrant families. Society for Research in Child Development biennial meeting, Boston, MA, April 2007.
- Weaver, S.R., A.E. Mathew, **S.Y. Kim**, and X. Huang. Examining the structure of depression in first and second generation Chinese American adolescents: Ordinal factor analysis of the CES-D. In D. B. Qin (Chair), Discrimination, Family Dynamics, and Depression: Understanding Psychological and Social Adjustment of Chinese American Adolescents. Society for Research Adolescence 12<sup>th</sup> biennial meeting, Chicago, IL, March 2008.
- Webb, A.P., M.K. Sullivan, **S.M. Greene**, and **E.R. Anderson**. "How Long Should I Wait Before Dating?" Length of Separation Moderated the Impact of Divorced Mothers' Dating on Child Outcomes. Biennial meeting of the Society for Research in Child Development, Boston, MA, March 2007.
- Williams, S.E., A.P. Webb, **E.R. Anderson**, and **S.M. Greene**. Partner Selection Standards of Divorced Mothers. Annual meeting of the National Council on Family Relations, Pittsburgh, PA, November 2007.
- Woo, H., and **M.D. Hayward**. Does the Hispanic Paradox in Mortality Extend to Disablement? International Network on Health Expectancy (REVES-19) 19<sup>th</sup> Meeting, St. Petersburg, FL, 2007.
- Yoshioka, H. and **T.W. Pullum**. "Inequality of Infant Mortality among Ethnic Groups in Guatemala." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Young, K.** Invited speaker. Andean land use and biodiversity: Historical legacies, humanized landscapes, and future species extinctions. 54th Annual Systematics Symposium, Missouri Botanical Garden. 2007.
- Young, K.** Invited speaker. Second Latin America protected area congress, Bariloche, Argentina, 2007.
- Young, K.** Invited speaker. Drivers of landscape and agricultural change in floodplains of the western Amazon. Association of American Geographers Annual Meeting, San Francisco, CA, 2007.
- Young, K.** Invited speaker. Religious Roots of the Print Revolution: Why Some Adopted Printing and Others Waited 300 Years. Association for the Study of Religion, Economics, and Culture, Tampa, FL, November 2007.
- Young, K.R., K.A. Crews**, J. Postigo, and M. Cardozo. Drivers of Landscape and Agricultural Change in Floodplains of the Western Amazon, in special session Conservation and Development from the Andes to the Amazon II. Annual meeting of the Association of American Geographers, San Francisco, CA, April 2007.
- Yu, W.** and K. Su. Transition to First Marriage in Taiwan. East Asian Social Stratification and Social Mobility Workshop, Sendai, Japan, February 2007.
- Zajacova, A. and **R.A. Hummer**. "Gender Differences in Education Inequalities in Mortality by Age and Cause: NHIS, 1986-2002." Annual meeting of the Population Association of America, New Orleans, LA, April 2008.
- Zhang, Z., D. Gu, and **M.D. Hayward**. Childhood Nutritional Deprivation and Cognitive Functioning Among Older Adults in China. International Network on Health Expectancy (REVES-20) 20th Meeting, Manila, Philippines, 2008.
- Zhai, J. and **W. Yu**. Impact of Religion on the Attitudes toward Abortion and Contraception Use in Contemporary Taiwan. Annual meeting of the Population Association of America, New York, NY, March 2007.

#### **I.d.v. Most Significant Research Advanced Produced by Program Scientists**

The most significant advances produced by PRC population scientists and their colleagues are summarized below. Eighteen advances are summarized; this is a bit more than the annual report request to

provide such information for roughly 1/5 of the program's scientists, but all are worthy of reporting. These advances span the thematic areas of the PRC but are listed alphabetical order by the lead researcher of the study.

1. *Shannon E. Cavanagh: Educational Consequences of Girls' Pubertal Timing*

In a paper published in *Social Psychology Quarterly*, Cavanagh and her coauthors extended previous research on the social psychological implications of pubertal timing to the educational domain. It applied a life course framework to data from the Add Health and from the Adolescent Health and Academic Achievement Study. Early pubertal timing, which has previously been associated with major social psychological changes in girls' lives during middle school, was found to be negatively associated with girls' grade point average and probability of course failure at the start of high school. Because of this initial failure during the high school transition, the results also showed that early pubertal timing also increased girls' probability of dropping out of high school, and, among those who graduated, was negatively associated with their grade point average at the end of high school. Such research demonstrates one way in which the immediate social psychological risk of early pubertal timing translates into long-term disadvantage for girls, thereby opening up new avenues of research for social psychologists interested in youth development, health, and education.

2. *Robert Crosnoe, A Developmental Perspective on Educational Achievement*

The socioeconomic stratification of American society profoundly influences how the life course unfolds by shaping various developmental pathways as well as the connections among these pathways. Drawing on a nationally representative sample of American adolescents, Robert Crosnoe and Aletha Huston charted trajectories of personal control and parental consultation from middle school to the end of high school and then examined how various combinations of these trajectories were associated with math/science course taking in high school across socioeconomic strata. Published in a recent article in *Developmental Psychology*, their results indicated that low and/or decreasing levels of personal control were associated with the accumulation of fewer math/science credits, as were declining levels of parental consultation no matter what the initial level. Mismatches between control and consultation trajectories (e.g., high, stable control with low, stable consultation) were also associated with fewer math/science credits. These patterns tended to be less predictive of math/science credit accumulation at the highest and lowest ends of the socioeconomic spectrum

3. *W. Parker Frisbie: Changing Race/Ethnic Disparities in Infant Mortality*

Increasing rates of cesarean deliveries in the U.S., especially among low-risk women, continue to be of concern. Unfortunately, the call for additional research on C-section differentials by race/ethnicity has gone largely unheeded. In a paper recently presented at the 2008 PAA meetings, this study traced 1991-2002 trends in cesarean deliveries for low-risk women separately for first-birth and multiparous low-risk pregnancies among six race/ethnic groups using two sets of characteristics that have been used to categorize pregnancies as low-risk. Frisbie and his colleagues then modeled the risk of surgical deliveries for all women over time using NCHS birth records. Their study showed that C-section rates increased over time for both first-birth and multiparous women for each race/ethnic group, and that non-Hispanic black women consistently had the highest rates. However, the temporal trajectory varied depending on whether traditional or more stringent criteria were used to denote low-risk women. When the three conventional criteria are employed, the rate of cesareans first decreases, and then rises again. Using the more stringent criteria to define low risk, the trend in the cross-tabulations is one of monotonic increase. Regression models indicated that the likelihood of a cesarean was typically greater among minorities than that for non-Hispanic whites.

4. *Daniel Hamermesh: An Economic Theory of Time Stress*

Social commentators have pointed to problems of workers who face "time stress"—an absence of sufficient time to accomplish all their tasks. An economic theory views time stress as reflecting how tightly the time constraint binds households. Time stress will be more prevalent in households with higher full earnings and whose members work longer in the market or on "required" homework. In a recent article published in *The Review of Economics and Statistics*, Hamermesh draws on national surveys from Australia, Germany, the United States and Korea. His analysis provides strong evidence corroborating the theory, and the pattern of associations is remarkably similar across countries. Adults in households with higher earnings perceive more time stress for the same amount of time spent in market work and household work. The importance of

higher full earnings in generating time stress is not small, particularly in the United States—much is “yuppie kvetch.”

##### 5. *Mark Hayward: The Long Arm of Childhood: Early Life Influences on Adult Health*

Although it is well established that under-nutrition in infancy and childhood has negative effects on children’s cognitive development, it remains unclear whether this adverse effect of early nutritional deprivation persists into adolescence, adulthood and old age. Recently, clinical and community-based research suggests that limb length (e.g., arm span, knee height, leg length, and height), as a marker of childhood growth and development, was inversely associated with cognitive function, cognitive decline, Alzheimer’s disease, and dementia among older adults in the United States, London, Israel, and South Korea. Early nutritional deprivation can impair the development of the brain and result in less efficient brain function because of less myelin, less branching of dendrites, and less developed connectivity patterns”, although the brain can still function normally. The negative effects of the impaired brain development may be small until aggravated by the aging process. Malnourished children may also lack energy and motor skills to learn in school and thus have fewer year of schooling, which in turn affects late-life cognition. Drawing on the Chinese Health and Longevity Study, this study documents that for both men and women, nutritional deprivation (indexed by shorter arms/knee heights and frequent hunger) in childhood significantly raises the odds of cognitive impairment in old age, controlling for age and ethnicity. The negative effects of under-nutrition on late-life cognition are little changed after adjustment for childhood SES and adulthood confounding factors, pointing to impaired brain development in childhood as the linking mechanism. The results of this study will be presented at the upcoming 2008 meetings of the International Network on Health Life Expectancy in Manila, Philippines.

##### 6. *Robert Hummer: The Hispanic Paradox and Infant Mortality*

Recent research suggests that the favorable mortality outcomes for the Mexican immigrant population in the United States may largely be attributable to selective out-migration among Mexican immigrants, resulting in artificially low recorded death rates for the Mexican-origin population. In a 2007 *Demography* article, Hummer and his colleagues calculated detailed age-specific infant mortality rates by maternal race/ethnicity and nativity for two important reasons: (1) it is extremely unlikely that women of Mexican origin would migrate to Mexico with newborn babies, especially if the infants were only a few hours or a few days old; and (2) more than 50% of all infant deaths in the United States occur during the first week of life, when the chances of out-migration are very small. They used concatenated data from the U.S. linked birth and infant death cohort files from 1995 to 2000, which provided over 20 million births and more than 150,000 infant deaths to analyze. The results clearly show that first-hour, first-day, and first-week mortality rates among infants born in the United States to Mexican immigrant women are about 10% lower than those experienced by infants of non-Hispanic, white U.S.-born women. It is extremely unlikely that such favorable rates are artificially caused by the out-migration of Mexican origin women and infants, as they demonstrate with a simulation exercise. Further, infants born to U.S.-born Mexican American women exhibit rates of mortality that are statistically equal to those of non-Hispanic white women during the first weeks of life and fare considerably better than infants born to non-Hispanic black women, with whom they share similar socioeconomic profiles. These patterns are all consistent with the definition of the epidemiologic paradox as originally proposed by Markides and Coreil (1986).

##### 7. *Aletha Huston, Consequences of Welfare Reform Policies for Children and Families*

Welfare and employment policies designed for low-income adults affect their children and their family lives. For the last ten years, Aletha Huston has followed families participating in New Hope, an employment-based anti-poverty program started by community activists and business leaders in Milwaukee as a model for national policy that was evaluated with a random assignment experimental design. An outgrowth of this work is the Next Generation Project, a collaboration with researchers at MDRC in New York and several universities. Huston and her colleagues have synthesized evidence from New Hope and several other policy experiments to understand the conditions under which policy-induced increases in employment among low-income, single parents can promote children’s well-being or reduce it. This effort resulted in a major book last year entitled *Higher ground: New Hope for Working Poor Families and their Children*, coauthored with G. Duncan and T. Weiser. Results showcased in the book document that programs and policies that supplement earnings increase family income and improve children’s school achievement and social behavior. Without earnings supplements, single parents’ earnings alone do not improve income, and children’s achievement is not improved. New Hope impacts lasted into adolescence. One critical component of successful programs is

child care assistance that enables parents to use center-based child care instead of care by relatives and others in their homes. Quality child care also plays a central role in the positive effects of policies on children's development. In two related investigations, Huston and her colleagues are evaluating a program to train caregiver of infants and toddlers in order to improve child care quality for very young children. They are also investigating preschool precursors to school achievement, attention problems, and social behavior.

#### 8. *Su Yeong Kim: Ethnic Identities in Immigrant Populations*

Prior research often assumes that heritage language fluency is an essential component of ethnic identity and that both factors are important predictors of school effort. In a forthcoming article in *Cultural Diversity and Ethnic Minority Psychology*, Kim and her colleague report the results of a study examining these hypotheses across two ethnic groups spanning multiple generations of immigrants. Their sample consisted of immigrant Chinese (first- and second-generation) and Mexican (first-, second-, and third-generation) adolescents. The findings demonstrated that it is appropriate to use heritage language fluency as a component of ethnic identity for Mexican adolescents. However, using heritage language fluency as a component of identity is not appropriate for use with second-generation Chinese adolescents, as it can lead to artificially deflated ethnic identity scores. In fact, among second-generation Chinese, a high sense of ethnic identity was achieved with a low level of heritage language fluency. Lastly, ethnic identity exploration and higher reading and writing skills in Spanish were both significant predictors of school effort in second-generation Mexican adolescents.

#### 9. *Chandra Muller: Social Dynamics of Mathematics Course Taking in High School*

What happens in high school lays the groundwork for adult life, but adolescents may not always take such a long view when deciding what to do—and how to do it—during high school. What may be more important to them is what is immediate in chronological and social terms. In a forthcoming paper in the *American Journal of Sociology*, Muller and her colleagues document that though math course taking has implications for adolescents' future education and occupations, girls in particular factor in norms of their immediate social contexts in choosing whether or not to advance in math. As a consequence, norms contribute to the fundamental social dynamics that affect educational motivation, attainment, and stratification. The key to testing the effects of the norms of social contexts in this study was to conceptualize the social organization of the school in terms of local positions, clusters of students who take courses together. Muller and her co-authors found that girls were more likely to advance in math in 1995–96 the higher the level of math taken in 1994–95 by other girls in their local position. This finding is consistent with their characterization of group effects of the local position because they controlled for dyadic social contexts defined by course mates and friends as well as for the broader organization context of the school. The strong effect of the local position norm suggests that local positions are quite salient as a social context, at least for girls. This salience may emerge as members of local positions accentuate their influence by administering social sanctions to perpetuate group norms or by collectively defining a basis for reference. This accentuates their influence beyond the mere informational effects of a weak tie. When group processes based on norms and reference are present, local positions constitute what Coleman termed *milieus*, representing small segments of adolescent subculture that have an immediacy in adolescents'—especially girls'—lives.

#### 10. *Marc Musick: How Volunteering Influences Mental and Physical Health*

Who tends to volunteer and why? What causes attract certain types of volunteers? What motivates people to volunteer? How can volunteers be persuaded to continue their service? Making use of a broad range of survey information from several nationally representative data sets, Musick and his co-author, John Wilson, provide a detailed portrait of the volunteer in America in their recent book, *The Volunteer*. Their study addressed issues of volunteer motivation by focusing on individuals' subjective states, their available resources, and the influence of gender and race. In a section on social context, their analysis revealed how volunteer work is influenced by family relationships and obligations through the impact of schools, churches, and communities. Musick and Wilson also made use of data from other countries and considered cross-national differences in volunteering and historical trends, and they discussed the implications of their research for the organization of volunteer work and the consequences of volunteering for the volunteer. This book represents perhaps the most in-depth scientific analysis of a fundamentally important pro-social behavior.

#### 11. *Cynthia Osborne: The Consequences of Welfare Reform for Child Well-Being*

In a recent paper published in *Children and Youth Services Review*, Osborne and co-author, Jean Knab, used data from the Fragile Families and Child Wellbeing Study to examine the health and emotional behavior of 3-year-old children. They limited the sample to mothers who received welfare over the course of their child's life and compared child outcomes across three groups of mothers: those who currently receive welfare, those who have moved off welfare into employment following their child's birth, and those who no longer receive welfare but do not work. Specifically, they investigated whether children of mothers who have left welfare for employment have better health and behavioral outcomes at age 3 compared with children of mothers who remain on welfare or who do not work. It is unclear in prior research whether the benefits of employment will outweigh the potential costs to welfare mothers who face many barriers to employment and who generally participate in low-wage employment. However, based on the existing research on slightly older children, they hypothesized that children of mothers who make the transition from welfare to work will have better health and behavioral outcomes at age 3. Osborne and Knab also examined several possible mechanisms through which employment may affect child well-being, including household income, maternal depression, and maternal stress. The results of their investigation showed that employed mothers who are no longer receiving welfare report better health and behavioral outcomes for their children. However, OLS and instrumental variable analyses suggested that these advantages are largely explained by the characteristics of mothers who make a successful transition to employment, rather than by work per se. Children of mothers who had left welfare but were not currently employed had similar behavioral outcomes to children of mothers on welfare, but the latter were more likely to be in poor health.

#### 12. *Kelly Raley: Classroom Contexts and Academic Achievement*

In a recent paper published in *Social Science Quarterly* with co-authors Kate H. Choi, Chandra Muller, and Catherine Riegle-Crumb, Raley investigated the influence of course-mates on adolescents' college enrollment using longitudinal data from the Add Health and the AHAA study. This study makes clear that schools are internally segregated so that adolescents of college-educated parents typically take courses with students whose parents also have a college education. The analysis also shows that students in courses with a higher proportion of classmates with a college educated parent are more likely to attend college. This association persists net of controls for the student's own parents' education, their college expectations at the start of high school, the proportion of students in the school that have college educated parents, math course placement, GPA, and other student characteristics. These findings imply that schools that segregate less by socioeconomic status will reduce the intergenerational transmission of educational disadvantage.

#### 13. *Mark Regnerus: Sex and Religion in the Lives of American Teenagers*

While many adults presume that reticence about adolescent sexual behavior is rooted in religion, how exactly religion contributes to the formation of teenagers' sexual values and behaviors has been poorly understood before now. Does religion really motivate the sexual choices of a significant segment of adolescent society? Are abstinence pledges effective? Is there evidence for a "technical virginity" phenomenon among religious teenagers? What does it mean to be "emotionally ready" for sex? Who expresses regrets about their sexual activity and why? In a recently published book, *Forbidden Fruit*, Regnerus and his colleagues investigate the sexual values and practices of American teenagers, paying particular attention to how participating in organized religion shapes sexual decision-making. Merging analyses of three national surveys of teenagers with stories from interviews with over 250 of them across America, the book covers a wide range of topics, including sentiment about waiting to have sex until marriage, motivation to pursue sexual relationships, proclivity for same-sex attraction and behaviors, teenagers' experience of virginity loss, and the frequency of several heterosexual practices. The book reveals the complexity of teenagers' sexual decision-making, documenting that religion affects their sexual attitudes, but that it does not often motivate their decisions to act. Instead, religion often accompanies other "secular" reasons for delaying sex, like concern for safeguarding one's educational future. More broadly, however, *Forbidden Fruit* puts to rest inane fears about rampant teenage sexuality, concluding that most teenage sex is "traditional," while pointing out new evidence for disturbing trends both in particular sexual practices and how teenagers learn about human sexuality.

#### 14. *Arthur Sakamoto: Changing Income Inequality in Contemporary America*

Income inequalities are rising remarkably in contemporary America. Further demographic and sociological research is needed to clarify the nature, sources, and consequences of these heightened inequalities. In a series of recent studies by Sakamoto and colleagues presented at PAA and the ASA annual meetings, they document that rising wage inequality in manufacturing industries is largely unrelated to

productivity gains contrary to popular business rhetoric. Although economists emphasize the importance of absolute incomes, relative deprivation per se reduces job satisfaction and worker productivity. In addition, Sakamoto and his colleagues challenge sociologists' argument emphasizing the salience of occupational structure as the major source of income inequalities. Their analysis documents that, although occupational structure may have been a major source of inequality in the past, its significance is declining. The effects of unions, industrial structure, and public employment also appear to be declining.

15. *Stephen Trejo: Ethnic Identity Across Generations: Implications for the Intergenerational Transmission of Economic Status*

With co-author Brian Duncan of the University of Colorado at Denver, Stephen Trejo has continued to investigate the selectivity of ethnic identification among the descendants of Mexican immigrants and whether this process might bias observed measures of intergenerational progress for Mexican-American population. The paper "Ancestry versus Ethnicity: The Complexity and Selectivity of Mexican Identification in the United States" reports their latest findings on this topic. This paper, which was presented at the 2008 meetings of the Population Association of American, is currently being revised at the request of the journal *Research in Labor Economics*. Using micro-data from the 2000 U.S. Census, Duncan and Trejo analyze the responses of Mexican Americans to questions eliciting their "ethnicity" (or Hispanic origin) and their "ancestry." They investigate whether different patterns of responses to these questions reflect varying degrees of ethnic attachment. For example, those identified as "Mexican" in both the Hispanic origin and the ancestry questions might have stronger ethnic ties than those identified as Mexican only in the ancestry question. How U.S.-born Mexicans report their ethnicity/ancestry is strongly associated with measures of human capital and labor market performance. In particular, educational attainment, English proficiency, and earnings are especially high for men and women who claim a Mexican ancestry but report their ethnicity as "not Hispanic." Further, intermarriage and the Mexican identification of children are also strongly related to how U.S.-born Mexican adults report their ethnicity/ancestry, revealing a possible link between the intergenerational transmission of Mexican identifications and economic status.

16. *Andres Villarreal: Economic Globalization and Gender Inequality*

Sociological research has been generally critical of the effects of economic globalization on developing countries. However, greater worldwide economic integration may have created new employment opportunities for women. In a recent article published in the *American Sociological Review*, Andrés Villarreal and Wei-hsin Yu examined the effect of foreign investment and export production on gender inequality in Mexico, a country that epitomizes the global shift to an open-market economic strategy. Using data from nationally representative surveys of manufacturing firms between 1992 and 2001, they found that foreign and export-oriented firms employed significantly more women at every occupational level than did nationally-owned firms producing goods for sale in the domestic market. The greater employment of women in foreign and export firms could not be explained by these firms' higher demand for workers of lower skill levels, their size, capital intensity, production technology, wage level, use of temporary workers, or industry. Using managers' responses to survey questions regarding gender preferences in hiring, Villarreal and Yu found that managers in foreign-owned export firms have a preference for hiring women that could not be explained by firm-level factors. This preference may account for the observed differences in female employment. Finally, using firms' payroll information to analyze the gender wage gap in manufacturing firms, they found that foreign-owned export firms discriminated against women less in terms of wages.

17. *Robert Woodberry: Long Term Consequences of Colonialism and Missionary Activity for Development and Population Health*

Why do some former colonies end up better off than others with respect to infant mortality, longevity, education, newspaper circulation, GDP, corruption, and political democracy? To understand these interrelated questions, Woodberry has done extensive work on the comparative history of colonialism and missionary activity around the world. In addition to extensive historical work, he has also constructed a massive geo-spatial data set to test some of his ideas. This data set has geo-spatial information on over 20 geographic and climatic variables (e.g., soil quality, rainfall, and temperature), temporal information about the process of discovery and colonization, and spatially located data on virtually all Protestant and Catholic missionary activity, education, and medical work from the mid-19th to early 20th century. These missionary variables have proved extremely powerful in predicting modern outcomes. For example, they explain about half the variation in post-colonial democracy and a substantial proportion of post-colonial educational enrollments and infant mortality despite extensive work to deal with endogeneity problems. Woodberry's

historical work has also revealed several major findings about the adoption of technological innovations. The spread of printing (which influenced many other outcomes) was not primarily through technological discovery or the spread of markets. Most societies in Asia and North Africa knew about printing and had multiple examples of printing in their own language for two- to three hundred years before anyone used it. Elites all over resisted substantial expansion of education and texts – fearing diminution of social distinction among other things. What led to indigenous adaption of printing was usually reaction to massive printing of texts and newspapers by Protestant missionaries who had substantially different interests – wanting everyone to be able to read the Bible in their own language. Even China and Korea (which had movable, metal font prior to Europe) did not exploit printing to its full extent. Missionaries and their converts introduced the first newspapers and educational institutions for non-elites. Variations in the timing of mass printing and education seem to have had long-term influence on the class structure, economic development, and even infant mortality rates of different societies. In the past year and a half this research has resulted in three journal articles, four book chapters, and three encyclopedia articles. Woodberry is also in the process of submitting a series of articles on this topic to *ASR*, *AJS*, *Social Forces*, *The Journal of Economic History*, and the *Quarterly Journal of Economics*.

18. *Wei-hsin Yu. 2009. Gendered Trajectories: Women, Work, and Social Change in Japan and Taiwan*

Previous studies examining cross-national differences in gender disparities generally rely on comparisons made at a single point in time and take the cross-country variations in conditions affecting women's work as fixed. Instead, in Yu's forthcoming book by Stanford University Press, she compares the long-term development of women's employment opportunities in two countries. Despite its more advanced economic development and welfare policies, Japan has undergone much less improvement in women's economic status than Taiwan during last half century. The fact that these two countries share many values and institutional practices makes this difference particularly puzzling. Through a detailed analysis of the economic histories of Japan and Taiwan, Yu shows that gender inequality in the workplace is a result of a long-term social process that involves organizational responses to market forces and individuals' choices made under the constraints imposed by business organizations. Throughout the book she emphasizes the mechanisms linking macrolevel social and economic factors to the microlevel decision-making processes that women experience. She argues that country-specific organizational arrangements, industrial policies, and social norms affect women's employment decisions by shaping their work and home environments and hence their assessments of the feasibility of combining work and family life. Prior studies comparing women's employment in East Asia and elsewhere have paid insufficient attention to these microlevel social dynamics that directly influence women's lives. Using a life-course approach, Yu shows that women in Japan and Taiwan exhibit different patterns of labor force exits and reentry because of the different job conditions and workplace atmospheres they face. These different patterns then account for the two countries' divergent trajectories in reducing gender inequality.

#### **I.d.vi. Most Significant New Research Projects Under Development**

A number of new projects at the PRC are in development (i.e., currently being written for *first* grant submission in the next year or which are currently being revised for re-submission. Several of the projects underway have receipted support from the PRC's development core or have applied for such support for this upcoming summer. The following sections summarize nine especially promising projects we expect to have submitted for NIH review within the next year (i.e., by June 2009).

1. *Title: Consequences of Family Instability for the Home Environment. Investigator: Shannon Cavanagh (PI)*

Status: R01 submission planned for Fall 2008

*Summary:* As the living arrangements of American children become more dynamic, family scholars have begun exploring the implications of cumulative family instability for the social and emotional adjustment of young people. Across multiple data sets, a significant link between experiences of family instability and the contours of young people's lives has been identified. What remains less clear is why this link exists. The theory that motivates much of this work posits that family change sets into motion myriad changes in the home environment that, in turn, are stressful to children and increase the likelihood that they engage in nonnormative behaviors. And while the broader family structure literature provides empirical support for the some of these links, data limitations have precluded scholars from mapping out the multiple pathways linking

family transition, the home environment, and stress in children's lives. More importantly, we have been unable to estimate empirically how the home environment changes with each subsequent transition. Finally, the theory fails to address the ways contextual factors, including transition type and child age, moderate the strength of the link. Using a sample drawn from the National Study of Child Care and Youth Development (SECCYD), this proposed study will examine some of the untested assumptions that guide this research through three objectives: 1) mapping out the ways a single family transition alters the home environment; 2) exploring how multiple changes in family structure are associated with changes in the home environment; and 3) examining how transition type and child age moderates the links explored in objectives 1 and 2. Cavanagh plans to use a class of statistical models to estimate the effects of longitudinal processes linking family instability and the home environment. This research will inform theory development in this emerging field and improve measurement of family instability at a time when the living arrangements of youth are increasingly fluid.

2. *Title: Cumulative socioeconomic Disadvantage in Context: Understanding Disparities in Obesity among Children and Mothers.* Investigator: Catherine Cubbin (PI)

Status: An NIH R01 submission is planned for Fall 2008

*Summary:* An NIH R01 proposal is currently being developed to: (1) examine relationships between cumulative socioeconomic advantage/disadvantage, context-specific supports/barriers to health, and women's and children's health; and (2) assess whether relationships vary according to race/ethnicity (Black, Latina immigrant, Latina US-born, Asian/Pacific Islander immigrant, Asian/Pacific Islander US-born, White). The proposed study seeks to identify links between cumulative socioeconomic advantage/disadvantage, perceived supports and barriers in multiple social contexts, and obesity among women and their children. Data would be based on a follow-up study to the Maternal and Infant Health Assessment (MIHA), which is an ongoing, annual, statewide-representative mail survey of mothers a few months after they give birth to live-born infants in California (n=3,500 women per year). MIHA is linked with birth certificates, census identifiers, and latitude/longitude according to the respondent address at the time of birth. The current study would re-contact and interview women in 2009 who participated in MIHA between 2002 and 2007. Surveys would be web-based with mail or telephone administration as alternatives. A pilot study has already been completed; results of that indicate that women are able to be found and are willing to participate.

3. *Title: Socio-Biological Limits to Life? Insights from Trends in Educational Differences in the Rectangularization of Survival.* Investigators: Mark Hayward (PI) and Robert Hummer (co-PI).

Status: R01 submission planned for Fall 2008

*Summary:* Are the mortality experiences of highly educated persons approaching an upper limit in human longevity? Fries put forth the idea that in the context of a fixed life span, the postponement of chronic disease will lead to the rectangularization of the survival curve as life expectancy abuts fixed genetic limits. Typically, comparisons across countries are used as the analytic strategy to assess this issue, yet this approach leads to ambiguous conclusions due to a host of societal and historical differences in factors influencing chronic disease processes over a population's lifetime. Here, we plan to investigate this issue by comparing educational differences *within* the United States in the rectangularization of the survival curve and historical trends in these differences since 1979. Because education leads to multiple and reinforcing socio-biological pathways that influence the nature and timing of chronic disease processes, examining educational differences in the rectangularization of the survival curves will offer new insights into whether "fixed" genetic limits in life span are evident for persons who have the greatest advantage in postponing chronic disease. We will examine three components of rectangularization based on the work by Cheung, Robine, Tu, and Caselli (2005 *Demography* 42:243-258). These are: "horizontalization" (how long a cohort can live and how many cohort members survive before aging-related deaths significantly decrease survivorship; 2) "verticalization" (the clustering of age-related deaths around the modal age), and 3) the "longevity extension" (how far the right hand tale of the survival curve can exceed the modal age of death). We hypothesize that evidence for rectangularization will be most evident for socially advantaged groups defined by the intersection of education and race/ethnicity. We are especially interested whether *trends* in mortality over the later part of the 20<sup>th</sup> Century point to *increasing* rectangularization of survival for high education groups more so than for low education groups.

4. *Title: The Ecology of HIV/AIDS & Cofactors in Sub-Saharan Africa: Forecasting HIV/AIDS-Vulnerable Landscapes and Populations. Investigator: Kelly Crews (PI)*

Status: R01 Submission planned for Winter 2009

*Summary:* This research will map areas of highest current and future HIV/AIDS-vulnerable populations under different intervention, climatic, urbanization, and land management scenarios at the population level in Sub-Saharan Africa, with particular focus on the country of Botswana, home to the world's highest estimated adult HIV/AIDS rates. The project will combine multiscale analyses of environmental and social surveys with remotely sensed data and existing health and population data into a spatially explicit graph automata for simulation modeling. The working hypotheses are that 1) HIV/AIDS-vulnerability is more accurately estimated by simultaneously considering the multiplicative effects of the three largest contributors: parasites, nutrition, and cofactor diseases; 2) each of the three predictive components has landscapes or regions more or less suitable for proliferation; 3) human exposure to each of these three factors can be spatially represented from household interviews and existing datasets (e.g., parasitic exposure, malnutrition, and malaria prevalence); 4) future HIV/AIDS-vulnerability (both population and regional) can be predicted under different scenarios of health intervention programs, climatic changes, urbanization, and land management. Thus an ecological approach to incorporating factor and environment interactions into a spatially explicit analysis will better identify regions and populations at risk and therefore offer better guidance for implementation of HIV/AIDS mitigation policies.

5. *Title: Nonmarital Romantic Transitions: Stress, Support Seeking, & Relationship Outcomes. Investigator: Timothy Loving (PI)*

Status: NSF re-submission planned for Fall 2008. Mechanism: CAREER.

*Summary:* Researchers have elucidated a host of factors that predict positive and negative outcomes of marriage -- for better or worse, it is undeniable that marital relationships impact psychological and physical health. In Western societies, however, virtually all marriages are preceded by a series of relationship transitions, beginning with movement into and out of nonmarital romances and culminating in an engagement and ceremony that officially marks the transition into marriage. Knowledge of how these non-marital and premarital transitions affect health-relevant physiological parameters is sparse, despite the fact that relationship transitions are characterized by a high degree of uncertainty and need for adaptation – two critical inducers of stress. Moreover, understanding of how outsiders, or relationship support providers, influence the development and physiological consequences of non-marital romances is severely limited. The overall objective of this CAREER application is to: (1) assess the impact of romantic relationship transitions on non-married individuals' stress responses, (2) examine the importance of outsiders on individuals' psychological and physiological responses to relationship transitions, and (3) determine the extent to which stress responses and relationship support processes forecast subsequent romantic relationship outcomes.

6. *Title: Partnership Instability and Children's Healthy Development: Investigating Why Instability Matters. Investigator: Cynthia Osborne (PI)*

Status: R03 submission planned for October 2008

*Summary:* The structure of families has changed considerably over the past 40 years such that today, almost 2 out of every 5 children is born to an unmarried mother, and an even greater number will spend some portion of their childhood in a family form that is an alternative to the traditional, two biological, married parent family. Children disadvantaged by low parental education or minority status have been disproportionately affected by these changes. Approximately half of children born outside of marriage live with both of their biological parents at birth, but these relationships are much less stable than marriages, with half dissolving by child age 3. Mothers in cohabiting relationships or who are single are likely to transition into and out of several relationships (both cohabiting and dating) during the child's early life course. Indeed, these partnership changes seem to explain much of the differences in children's well-being across married and unmarried parent families.

Although understanding of the associations between instability and child well-being is increasing, there is still much to learn regarding why instability matters and whether it has similar effects on all children. The child's race/ethnicity, gender, age, and family structure of origin are all important moderators to consider when attempting to better understand the processes through which instability matters.

In this study, Osborne will address 2 broad research questions:

1. What are the primary mechanisms through which instability negatively affects children's healthy development?
2. Are these mechanisms similar for all children regardless of their race/ethnicity, gender, age, and family structure of origin?

With regard to the first aim, she plans to investigate several potential mechanisms that may co-occur with partnership instability and lead to negative outcomes in children. These include changes in economic and social resources available to the mother, relationship conflict, and psychological distress and parenting efficacy. With regard to the second aim, she plans to investigate whether partnership has a similar effect on all children. The types of partnership changes children are exposed to vary by their race/ethnicity, age, and their family structure at birth. Black and Hispanic children are much more likely to be born to a single or cohabiting mother as compared to White children, and are thus much more likely to experience transitions. Black mothers are more likely not to live with their child's biological father at their child's birth, and are thus likely to experience the most partnership instability. As children age, the types of transitions they are exposed to changes. Fewer transitions will involve the biological father, and more will involve social fathers (either married or cohabiting step fathers). Examining the whether and why partnership instability is associated with poor child outcomes for all race/ethnic groups and across a child's life course will help us to better understand the processes driving these effects.

*7. Title: Does Work Environment Influence Family Formation and Stability? Investigator: Kelly Raley (PI)*  
Status: R01 application submission planned for Fall 2008

*Summary:* Raley is designing a study to investigate the influences of workplace and occupational characteristics on marriage and divorce using data from the 1979 and 1997 National Longitudinal Survey youth and the O\*Net database on occupational characteristics. Most research attempting to explain stratification in family stability has focused on earnings and employment as indicators of individuals' ability to afford marriage or of their attractiveness on the marriage market. Another line of research emerging from Parsons describes how employment, particularly women's employment, competes with family life. This second perspective does not sit well with contemporary research findings. Women with greater labor market opportunities generally enjoy much more stable family lives compared to those with low levels of education (McLanahan, 2004). One reason for this inconsistency between theory and findings may be that researchers have not investigated the ways that the work environments of more educated men and women may accommodate family responsibilities more easily. The proposed project examines the connections between the labor force and family formation and stability, adding a focus on aspects of work, such as autonomy, flexibility, and composition.

*8. Title: Sex and Emotional Health in Young Adulthood. Investigator: Mark Regnerus (PI)*  
Status: R03 application being revised for resubmission for Fall 2008

*Summary:* Social scientists have long evaluated the risks of sexual behavior, yet most of their investigations have focused on the potential physical health consequences of sexual activity, not its possible emotional health consequences. Yet the long-term emotional effects of poor sexual decisions, relationships that ended badly, and certainly the unwanted experience of sexual abuse linger for years. Many unmarried American young adults (ages 18-23) pursue sexual relationships in a variety of ways—some seeking a long-term monogamous relationship, some moving in and out of shorter-term relationships, some searching for sex with “no strings attached,” without romance or a relationship. Some mix and match these types at different times, while some prefer to avoid sexual relationships altogether or until marriage. At the same time, far more young women than men are diagnosed and treated for depression and express low levels of life satisfaction. Whether and how heterosexual activity patterns contribute to—or reflect—different emotional health outcomes among young adult men and women is not well understood. Research has been primarily limited to adolescence, where sexual relationships appear to contribute to depression, especially among girls. Research on young adults is rarer, in part because conceptions of sexual risk are often age-delineated and prevention efforts tend to target unwanted pregnancies. Since most young adults are out of high school, they're thought to be more responsible, more mature, and more aware of and able to manage a degree of risk in their relationships. But are they? Building on data from two in-person interview projects with 18-23-year-olds, the proposed research is intended to bridge methods and evaluate the short- and long-term effects

of heterosexual activity patterns on the emotional health of young adults using the first and third waves of the National Longitudinal Study of Adolescent Health.

9. *Title: Poverty, Parental Involvement, and Academic Achievement. Investigator: Keith Robinson (PI)*  
Status: R03 submission planned for October 2008

*Summary:* There is an abundance of literature indicating that economic deprivation decreases the likelihood that children will be exposed to intellectually stimulating materials and experiences, both inside and outside the home (Bradley et al. 2001; Bradley and Whiteside-Mansell 1997). A key educational policy goal is to help parents become involved in their children's academic lives. This objective is supported by a host of empirical studies suggesting that such involvement is beneficial for children. Surprisingly, little research has been conducted on the role of parental involvement in poor families. Accordingly, the proposed study will investigate the relationship between parental involvement and achievement for poverty and non-poverty families. Twelve forms of school and home involvement are used to predict reading and math test scores. The 5 aims are:

- 1) Are parents of the poorest students less involved between first and fifth grades?
- 2) Does parental involvement for both groups depend on where children are situated in achievement distribution?
- 3) If so, is it grade level specific?
- 4) What impact does parental involvement have for poverty and non-poverty students' achievement?
- 5) Are there differential returns to involvement across groups?

In addressing these core aims, it is important to consider that a large number of families in poverty contain at least one adult wage-earner who works full time. Single parent mothers represent the modal family form of poor children. When two parents are present they must work, typically at low wages, to secure a living family income. Thus, time to devote to child learning at home will be compromised by the working conditions of poor parents. At the same time, working parents generate income albeit a small income that keeps them below the poverty threshold, but one that could provide academic benefits for the child such as, home educational materials or a family car allowing parents to be more involved at their child's school, and so forth. Taken together with research suggesting achievement disparities between poor and non-poor children become cumulatively larger over schooling suggests the interrelation of work, family structure, and economic status play a role in this process.

#### **I.D.vii. Most Significant Evidence of Other Scientific Accomplishments and Impact**

The scientific impact of our faculty is also strongly felt through our training mission, our awards, and through our activity in professional roles and organizations. These are, of course, strongly related to the scientific contributions of our research. The following two sub-sections briefly discuss: 1) our most recent awards and elected professional activities, and 2) our training impact on the field.

*Honors, Elected Positions, and Awards.* Two PRC faculty received recognition in the past year for their outstanding contributions to the study of human development. Robert Crosnoe won the 2007 Early Career Award from the Society for the Study of Human Development (SSHD), a multi-disciplinary professional society dedicated to the study of the full span of the human life course and its applications to human development policies and programs. The award is given periodically to recognize scholars in the early stages of their career who have significantly contributed to the study of human development. Crosnoe's research on the educational experiences of children and adolescents was his contribution. The award was presented at the 2007 Biennial Meeting of the SSHD, which was held at Pennsylvania State University in October. Aletha Huston—The Priscilla Pond Flawn Regents Professor of Child Development in the Department of Human Ecology at UT and former Associate Director of the Population Research Center—completed her two-year term as president of the Society for Research in Child Development (SRCD), the world's largest professional association dedicated to the study of human development. As president, Dr. Huston oversaw a membership of nearly 6,000 researchers and practitioners from over 50 countries, encouraging the exchange of information among scientists and other professionals from multiple disciplines as well as the applications of scientific research. Huston was also the recipient of the Rueben Hill Award from the National Council on Family Relations.

In addition to Huston's presidency of the SRCD, she chaired ICPRS Council last year. A number of PRC faculty also held elected offices in professional associations and organizations in the population sciences. Joe Potter recently completed his term on the PAA Board of Directors, and Robert Hummer is currently a board member and chair of the PAA's Finance Committee. Hummer also completed his presidency last year of the Southern Demographic Association, while Mark Hayward completed his term as Vice President of the Association of Population Centers. Raley was elected to the American Sociological Association Population Council.

Two PRC faculty were honored this past year as recipients of lifetime achievement awards. Toni Falbo, an expert on single-child families, was awarded the Newman-Proshansky Prize for Lifetime Achievement in Population Psychology. The award was presented in San Francisco at the annual American Psychological Association (APA) convention. Norval Glenn, Ashbel Smith Professor of Sociology, was awarded the "Warren E. Miller Award for Meritorious Service to the Social Sciences." Presented annually by the Inter-University Consortium for Political and Social Research (ICPSR) at the University of Michigan, this award is in memory of Warren E. Miller's lifetime of contributions to the social sciences.

PRC faculty also were also highly visible in the past year as in scientific advisory activities. Ronald Angel was appointed to the Board of the Scientific Counselors at the National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention. Hummer was asked to serve as Chairperson of the NCHS review of the National Health Interview Survey, an activity which is being conducted in 2008 and will help inform the future direction of this important national survey. Hayward completed his term on the Board of Overseers of the Panel Study of Income Dynamics. A number of PRC faculty served on standing NIH review panels or were appointed in the past year, including Hummer (Social Sciences and Population Sciences), Hayward (Social Sciences and Population Sciences), Elizabeth Vandewater (Social Sciences and Population), and Jacqui Angel (Chair, Behavior and Social Science of Aging Review Committee, NIA). While they are not standing members, many PRC faculty served as reviewers for R03 and R01 proposals, center grants, and program projects in the population sciences including Kelley Crews (NSF, NASA), Mark Hayward (NIA, NICHD), Aletha Huston (NICHD), Chandra Muller (NSF), Kelly Raley (NICHD), and Ken Young (NSF).

The Population Research Center is the new editorial home of the journal, *Population Research and Policy Review*, sometimes referred to as PRPR or PR-squared. Thomas Pullum, a PRC Faculty Research Associate and Professor of Sociology, is the journal's editor-in-chief. Pullum has been processing new submissions since April 2007, and his first issue as editor will appear sometime in 2008. While the journal is based at UT, the deputy editors include Mark Hayward, Bob Hummer, Cynthia Osborne, and Kelly Raley.

*Training Impacts on the Field.* As an educational institution, our scientific impact on population research and the field as a whole is not strictly limited to our research productivity. The PRC offers an outstanding training environment, and the center's accomplishments are evidenced by our recent substantial successes in placing our graduates in leading academic, postdoctoral, and research positions throughout the country. Historically, five basic elements have constituted the core of the PRC graduate training program: coursework, apprenticeships, conference attendance, infrastructure support (computers and office space), and the Brownbag series. Each of these elements has changed in recent years to reflect broad changes in the population research field. For example, although we still require courses that cover the core substantive material and methodological techniques of population research, we now allow students greater choice in areas of specialization. As another example, the Brownbag series has been systematically broadened to include presenters from Economics, the LBJ School or Public Affairs, Human Ecology, and Epidemiology. Not only have existing elements changed, but we have also added elements to the training program to take advantage of our growing research activity and disciplinary diversity. The formation in recent years of interdisciplinary topical working groups has added an especially important dimension to training. These groups involve a set of faculty members and their students from across campus, each bringing their own disciplinary perspectives and expertise to address a focused set of research questions. These groups are important test beds for the vetting and debating of new ideas and have served to launch interdisciplinary and collaborative research projects. As such, these groups are a vital institutional means to socialize students in the development of cutting-edge research ideas informed by interdisciplinary perspectives. Students also learn about the craft of grantsmanship as ideas mature within the topical working groups to form the core of grant applications. The PRC thus provides a culture in which students become oriented toward – and directly

contribute to – the production and dissemination of the highest level of population science and the submission and support of federal and foundation grants. This is a fundamentally important means by which students become oriented toward careers in the population sciences in the United States and abroad.

Another important development in the PRC training program concerns the emergence of a strong postdoctoral program. Over the last 5 years the PRC has hosted 7 postdoctoral scholars with Ph.D. degrees from schools other than UT. In addition, 42 visiting scholars have spent some time at UT participating on a funded project and/or benefiting from the training resources available at the PRC. Some of the growth in the postdoctoral program is a direct result of the fact that the NICHD training grant included funds for one postdoctoral trainee in the last round of funding. Growth in grant activity, particularly associated with the interdisciplinary topical research groups, has also been an important factor. As our postdoctoral community grows, we are developing new ways to integrate these scholars into our research community and to foster cross-disciplinary conversations. One mechanism is the integration of postdoctoral scholars through participation in the PRC's interdisciplinary topical working groups. Another is their participation in the PRC's "proposal boot camp." The boot camp is a series of workshops led by Mark Hayward to train junior faculty and postdocs in the craft of writing competitive grant applications. This has been a major source of success among junior PRC faculty. A third and related mechanism is the direct involvement of postdocs in developing grant applications with senior faculty to expand the PRC's signature projects, and this has contributed greatly to postdocs' recent success in becoming co-investigators of large-scale collaborative projects funded by NICHD and NSF.

Complementing the pre- and post-doctoral training program is the center's strong commitment to undergraduate training — a key component to attract outstanding students from UT and elsewhere to attend graduate school in the field. Our NSF-supported Research Experience for Undergraduates (REU) program in "Minority Group Demography" and the PRC's development of certification in "Social Inequality, Health, and Policy," part of UT's Bridging the Disciplines Program, highlights PRC-related undergraduate training at UT. Students from these programs have been placed in our own graduate program, and in other leading programs around the country, including those at Chicago, Michigan, Pennsylvania, Princeton, UCLA, Wisconsin, and Washington. The synergies between the undergraduate and graduate programs have become especially evident in recent years. Over the past two years, NSF established a grant program for the improved recruitment and retention of under-represented minority (URM) graduate students in the Social, Behavioral, and Economic Sciences. Hummer is principal investigator of this grant at UT, and UT is the lead institution of the alliance of four schools (including Stanford, USC, and Texas A&M) working on this effort in the southwest region of the U.S. UT was chosen largely because of the PRC's extraordinarily successful REU program. The new recruiting funds made available through NSF have played an important role in helping the PRC attract highly-promising minority graduate students to UT, and several of these students are now part of the PRC training program.

The broadening of our training program reflects the increasingly interdisciplinary nature of population research at the PRC and throughout the discipline. The scientific impact and success of the center's training program is evidenced by the substantial number of PRC graduate students who have been placed into important academic and governmental positions in the past year. These placements in the last year include:

- Sandra Valongueiro Alves (Ph.D. Sociology, 2006), Researcher, Hospital of the Federal University of Pernambuco and Coordinator of the Maternal Mortality Committee of the State of Pernambuco
- Ernesto Amaral (Ph.D. Sociology, 2007), Researcher, CEDEPLAR (Center for Regional Development and planning) at the Federal University of Minas Gerais, Brazil
- Jennifer Barrett (Ph.D. Sociology, 2008), Assistant Professor, Sociology, Loyola University of Chicago
- Maureen Reindl Benjamins (Ph.D. Sociology, 2004), Epidemiologist, Sinai Urban Health Institute, Chicago, Illinois
- Umut Bespinar-Ekici (Ph.D. Sociology, 2008), Assistant Professor, Sociology, Middle East Technical University (Turkey)
- Matt Bradshaw (Ph.D. Sociology, 2008), Postdoctoral Research Associate, Carolina Population Center, UNC Chapel-Hill
- Amy Burdette (Ph.D. Sociology, 2007), Assistant Professor, Sociology, Mississippi State University

- Emily Durden (Ph.D. Sociology, 2006), Researcher, Thomson-Medstat
- Samuel Echevarria-Cruz (Ph.D. Sociology, 2007), Research Associate, Educational Administration, University of Texas at Austin
- Sinikka Elliott (Ph.D. Sociology, 2008), Assistant Professor, Sociology, North Carolina State University
- Gang-Hua Fan (Ph.D. Sociology, 2007), Postdoctoral Research Associate, Institute of Sociology, Academia Sinica
- Sonia Frias (Ph.D. Sociology, 2008), Research Assistant, Centro Regional de Investigaciones Multidisciplinarias (CRIM), Universidad Nacional Autonoma de Mexico
- Kurt Gore (Ph.D. Sociology, 2007), Evaluation Analyst, Austin Independent School District
- Maren Jimenez (Ph.D. Sociology, 2007), Associate Population Affairs Officer, Population Division (CELADE) UN Economic Commission for Latin America and the Caribbean (ECLAC), Santiago, Chile
- Changhwan Kim (Ph.D. Sociology, 2006), Postdoctoral Fellow, Minnesota Population Center. Recently hired as an Assistant Professor, Sociology, University of Kansas
- Jinyoung Kim (Ph.D. Sociology, 2006), Research Assistant, University of Colorado at Denver and Health Sciences Center
- Joonbaeck Kim (Ph.D. Sociology, 2008), Assistant Professor, Sociology, University of Tennessee
- Amy Langenkamp (Ph.D. Sociology, 2007), Assistant Professor of Sociology, Georgia State University
- Cathy Liu (Ph.D. Sociology, 2008), Assistant Professor, Sociology, Michigan State University
- Belinda Needham (Ph.D. Sociology, 2006), Assistant Professor, Sociology, University of Alabama-Birmingham
- Jenny Pearson, (Ph.D. Sociology, 2008), Assistant Professor, Sociology, Wichita State University
- Paul Peters, (Ph.D. Sociology, 2008), Technical Specialist, Statistics Canada
- Michael Roemer (Ph.D. Sociology, 2008), Assistant Professor, Religious Studies, Ball State University
- Heeju Shin, (Ph.D. Sociology, 2008), Assistant Professor, Sociology, University of Wisconsin-Milwaukee
- Jennifer Tovar (Ph.D. Sociology, 2006), Postdoctoral Fellow, University of Texas Medical Branch/Galveston
- Jenny Trinitapoli (Ph.D. Sociology, 2007), Assistant Professor, School of Social and Family Dynamics, Arizona State University
- Hyeyoung Woo, (Ph.D. Sociology, 2008), Assistant Professor, Sociology, Wichita State University
- Sara Yeatman (Ph.D. Sociology, 2008), Assistant Professor, Health and Behavioral Sciences, University of Colorado at Denver
- Elisa Zhai, (Ph.D. Sociology, 2007), Postdoctoral Fellow, Baylor University

An important illustration of the PRC's long-term training impact on the field was last year's conference on "The Birth and Rebirth of Latin American Demography: The UT-Austin Experience." Organized by Joe Potter and Bryan Roberts, together with PRC graduates, the conference assessed what PRC graduates were working on, as well as priorities for future training and research efforts. The conference involved the presentation of some of the most interesting research now being conducted by our graduates, as well as an interpretation of how things have changed over the past 35 years, and consideration of what the training mission for the PRC should be in the coming decades. An increasing proportion of the PRC's graduates are now involved in evaluating the impact of social programs, as well as, in some cases, designing and will be implementing those programs. Certainly, the agenda and opportunities for the PRC's graduates have changed, and this conference provided an excellent opportunity to see where we can be most useful and effective in the future.

#### **I.d.viii. Information on Dissemination and Application of Research Activities**

PRC research activities have been disseminated in a number of ways in the past year. Most often, dissemination is through academic outlets, e.g., presentations and publications, and this form of dissemination was summarized in tabular form earlier. Below, we provide examples of other types of

dissemination outside the classic professional forums – data dissemination to the research community, the dissemination of research findings via the public media, and dissemination via major addresses and presentations to lay audiences and professional organizations outside the population sciences.

*Data Dissemination to the Research Community.* The PRC's most visible data dissemination activity is the release of data developed by Chandra Muller's NICHD/NSF-funded study, *Adolescent Health and Academic Achievement (AHAA)*. The AHAA collected high school transcripts for the *National Longitudinal Study of Adolescent Health (Add Health)* respondents and created measures of (1) educational achievement, (2) course taking patterns on multiple levels, (3) educational context variables, and (4) curricular exposure that can be used by researchers to study education, health, and human relationships during adolescence and early adulthood. The project goes beyond existing transcript studies to produce theoretically informed and methodologically sophisticated measures of social and educational stratification in adolescents' lives. The measures are designed to be analyzed as outcomes as well as predictor variables for adolescents' relationships with their families, communities, peers, and schools. Previous research on the relationships between educational stratification and life course outcomes has relied on overly simplistic measures (such as high school graduation status) to investigate outcomes as diverse as health or the development of human relationships, or it has taken an economic approach linking educational measures to labor force outcomes. This study provides rich data to inform how school processes affect adolescents and their transition to adulthood, and allows researchers the opportunity to validate their findings with quality controls for academic measures not previously available in the Add Health data set.

The Add Health study released the first AHAA data in July 2005. Since then, Add Health has continued to release additional AHAA data files and the dissemination of the complete array of AHAA measures is anticipated within the next 6 months. The widespread scientific impact of the AHAA data cannot be underestimated – even in such a short time period. Here are some of the major indicators documenting the value of the AHAA data to the population sciences.

- Currently, 188 contract investigators of the Add Health data have asked for one or more of the AHAA education files, and a number of the contracts cover multiple users at their home institutions
- Contract investigators at 12 NICHD population centers have requested AHAA data files
- AHAA users span the fields of sociology, demography, economics, education, human development, and psychology.
- AHAA users include many distinguished population scientists including Dalton Conley, Jacque Eccles, Glen Elder, James Heckman, Dennis Hogan, Denise Kandel, Robert Mare, Jane McLeod, Chris Paxson, Steve Raudenbush, and Yu Xie – to name only a subset.

The AHAA study is impacting in very important ways how major data collection efforts are gathering data on the children's and adolescents' educational experiences. The AHAA methodology to coding textbooks and using them (funded by NSF) was picked up not only for ECL-K (Early Childhood Longitudinal Study, Kindergarten Cohort) but also the new HLS (High School Longitudinal Study) to be fielded next year. The U.S. Department of Education used the AHAA curriculum component as a model for their 2005 National Assessment of Educational Progress (NAEP) (known as "The Nation's Report Card") study. As a huge cross-sectional trend study, the NAEP is unmatched in its potential to shape educational policy. The AHAA study design is already being adapted for the next NAEP high school transcript study which will be fielded in 2009. At the invitation of the Commissioner of Education, Chandra Muller, PI of the AHAA study, will be briefing the IES (Institute of Education Sciences) this week about the possibilities for this approach.

*Dissemination of Research Findings via Public Media.* PRC faculty were quoted in the national and international media over 200 times in the 2006-07 period based on statistics provided by UT's College of the Liberal Arts. Although it is notoriously difficult to interpret the "number of media hits", the visibility of many of the media outlets and topics points to the value of PRC research in informing topics of broad public interest. For example,

- PRC research was profiled in print outlets such as the *Boston Globe*, *The Times* (London), the *New York Times*, the *Daily Telegraph*, the *Daily Mirror*, the *Washington Post*, the *Chicago Sun Times*, the *Philadelphia Inquirer*, *USA Today*, and *Newsweek*.

- PRC research was featured in the television media on the Today Show, Fox News, ABC World News Tonight, and CNN American Morning
- PRC research was profiled on major web news outlets such as WebMD.com, ScienceDaily.com, Foxnews.com, and MSNBC.com
- PRC researchers whose work was most commonly featured in the media were Norval Glenn, Mark Hayward, John Mirowsky, Mark Regnerus, and Debra Umberson

The University of Texas also featured PRC research in its media outlets as well. For example, the work of a number of PRC faculty (e.g., Norval Glenn, Mark Hayward, Bob Hummer, John Mirowsky, Joe Potter, Catherine Ross, and Debra Umberson) was profiled in the College of Liberal Art's quarterly publication, *Life and Letters* ([http://www.utexas.edu/cola/life\\_and\\_letters/](http://www.utexas.edu/cola/life_and_letters/)). The University of Texas' home page (<http://www.utexas.edu>) has featured research in the past year by Chiquita Collins, Chris Ellison, Mark Regnerus, Jacqueline Angel, Chandra Muller, Norval Glenn, Mark Hayward, Kelly Raley, and Debra Umberson. In fact, the UT homepage featured PRC research on marriage by Umberson, Raley, Glenn and Hayward (<http://www.utexas.edu/features/2008/marriage/>) that was the most-clicked/read story in the history of more than 300 stories that have appeared on the homepage since 2002...quite a feat! It earned about 30,000 clicks in its first week.

*Dissemination via Major Addresses and Presentations to Lay Audiences and Professional Organizations Outside the Population Sciences.* Another indicator of the scientific visibility and impact of the PRC is the featuring of the center's faculty in non-traditional forums. In the past year, for example, Robert Crosnoe gave the Plenary Lecture at the Jean Piaget Society, Mark Hayward gave a keynote address at the Society of Behavioral Medicine, and Robert Hummer gave an invited presentation at the annual meeting of the NSF Collaborative on Diversifying the Graduate Student Body of the Social, Behavioral, and Economic Sciences. As noted earlier, Chandra Muller has an upcoming presentation to the Institute of Education Sciences, and her presentations to a variety of policy audiences have already fostered changes at the national level in the measurement of educational experiences in the population.

Mark Regnerus' book, *Forbidden Fruit*, sold over 3,500 copies in first year. His book generated wide interest and led to two presentations to DHHS grantees about current trends in youth sexual behavior and presentations on youth sexual behavior patterns to student audiences in Illinois and Texas.

## **I.e. INFRASTRUCTURE COMPONENTS**

The following four sub-sections discuss changes and accomplishments of the infrastructure components of the PRC and provides examples for how the infrastructure program facilitates and helps sustain high-quality, innovative research.

### **I.e.i. Administrative Services Core: Changes, Accomplishments, and Challenges**

*Changes.* In the fall of 2007 the leadership of the Administrative Services Core changed. Cecilia Dean retired from Center after 18 years and Mary De La Garza was promoted to director of the core. Mary De La Garza has over 23 years of administrative experience at the University, 5 year at the Population Research Center.

*Accomplishments.* The over-arching purpose of the core is to provide leadership in developing programmatic and service priorities and initiatives. As such, the core has become a bedrock for the services provided by the other two PRC cores and the range of scientific development activities within the center. Services of the core are guided by three major aims: building scientific community; recruiting/retaining/developing a cadre of outstanding population scientists at UT, and providing outstanding services to facilitate the day-to-day development and support of large-scale population research.

The core has focused its energies over the past year on enhancing grant application support and on the improvement of fiscal procedures and accountability. With the assistance of the center's computing core, the administrative core has also made a number of technological advancements in an effort to facilitate research. The development of an electronic document management and document sharing system has increased

production, cost efficiency, and has dramatically improved accessibility of information by PRC affiliates. The merging of the center's alumni data base with the University's prospect management system has allowed the core to more easily identify and track PRC graduates. Improved communication between the center and its alumni has aided our efforts to promote the interdisciplinary growth and collaborative nature of PRC research, and to solicit funds to further support our organization and further advance student training.

Following up on the Center's efforts to enhance its interdisciplinary mission, the Director (Mark Hayward, Sociology) has continued with a number of activities designed to facilitate these efforts. Among these, the administrative staff of the PRC has increased efforts to promote seminars across disciplinary lines. In addition to designing fliers and maintaining the Web site announcing our series, the staff disseminates electronic announcements of relevant speakers sponsored by the academic units of our faculty research associates. Interchange of speaker series are facilitated between the PRC and the departments of sociology, human ecology, economics, geography, the LBJ School of Public Affairs and the Center for Social Work Research. Our own Brownbag Series has been a huge success this year, with attendance regularly in the 50-60 range, or even more. Roughly one half of the speakers are at UT; the rest are visitors (some of whom were cost-shared with projects or other units on campus). Overall, the Series line-up since January of 2007 has been as follows:

**PRC BROWN BAG SPEAKERS, JANUARY 2007-MAY 2008**

<b>Presenter/Date</b>	<b>Affiliation</b>	<b>Title</b>
Toni Falbo 1/19/07	Department of Sociology The University of Texas at Austin	The Only Child: Myths and Realities
Philip Morgan 1/26/07	Department of Sociology Duke University	A Consilient Theory of Social and Demographic Change
Su Yeong Kim 2/2/07	Department of Human Ecology The University of Texas at Austin	Cultural Marginality and Depressive Symptoms in Asian American Family Members
Angelica Ware 2/0/07	Population Research Center The University of Texas at Austin	Latina Mothers' Parenting and Girl's Anxiety and Depression in an Urban Sample: Associations with Ethnic Identity and Neighborhood Context
Marcela Cerrutti 2/16/07	Teresa Lozano Long Institute of Latin American Studies The University of Texas at Austin	Migration in the Southern Cone: Gender and Remittances of Paraguayan Migrants in Argentina
Luisa Franzini 2/23/07	School of Public Health The University of Texas Health Science Center at Houston	Perceptions of Disorder: Contribution of Neighborhood Characteristics to Subjective Perceptions of Disorder
Kelly Raley 3/2/07	Department of Sociology The University of Texas at Austin	Do Kin Networks Contribute to Black-White Differences in Marriage and Cohabitation?
Arthur Sakamoto, Kimberly Huyser and Isao Takei 3/9/07	Department of Sociology The University of Texas at Austin	Segmented Assimilation in the Long Run? The Socioeconomic Attainments of Native Americans
Cathy Liu and Jeremy Uecker 3/23/07	Population Research Center The University of Texas at Austin	Are Marital Status Differences in Health Increasing or Decreasing by Cohort? An Examination by Race and Gender in Younger Adults/Going Most of the Way: "Technical Virginity" Among Young Americans
Michale Spittel 4/6/07	Program Officer National Institute of Child Health and Human Development	Trends, Priorities, and Opportunities for Federal Funding in the area of Population Health
Patrick Krueger 4/13/07	School of Public Health The University of Texas Health Science Center at Houston	Personal Health and Spousal Work and Earnings
Harold Lentzner and Elsie Pamuk 4/20/07	National Center for Health Statistics and the Centers for Disease Control and Prevention	Charting Trends in Population Health: An Introduction to the NCHS Health Data Archives
Diane Lauderdale 5/4/07	Health Studies, Biological Sciences Collegiate Division University of Chicago	Short Sleep, A New Lifestyle Risk Factor: Is Prevalence Really Increasing?
Jennifer Pearson 9/7/07	Population Research Center The University of Texas at Austin	Schools and Stigma: The Well Being and Academic Success of Sexual Minority Youth
Scott Schieman 9/14/07	Department of Sociology University of Toronto	Divine Control: Beliefs about God's Influence in Everyday Life

Sapna Swaroop 9/21/07	State University of New York at Albany	Neighborhood Racial Context and Intergroup Relations: Race/Ethnicity, Gender, and Interpersonal Discrimination
Michele G. Shedlin 9/28/07	College of Health Sciences, University of Texas-EI Paso	New Hispanic Immigrant Communities and HIV Risk
Daniel Hamermesh, Joseph Potter, and Ernesto Amaral 10/5/07	Population Research Center The University of Texas at Austin	The Demographic Dividend and the Structure of Wages: A Demand-Theoretic Analysis for Brazil
Cynthia Osborne 10/19/07	LBJ School of Public Affairs	Is Marriage Protective for All Children? A Cumulative Risk Perspective"
László J. Kulcsár 10/26/07	Director, Kansas Population Center, Kansas State University	Home on the range? Population trends and water resources in the Great Plains
Sarah O. Meadows 11/02/07	Department of Sociology Princeton University	Stability and Change in Family Structure and Maternal Health Trajectories
Tetyana Pudrovska 11/9/07	Department of Sociology University of Wisconsin	The Role That Never Ends: Psychological Implications of Parenthood at Midlife
Miles Taylor 11/13/07	Department of Sociology University of North Carolina, Chapel Hill	Timing, Accumulation, and the Black/White Disability Gap in Later Life
Yu Xie 11/30/07	Department of Sociology University of Michigan	Population Heterogeneity and Causal Inference
Brian King 12/7/07	Department of Geography The University of Texas at Austin	Political Ecologies of Health: Linking Livelihoods and Environments in the New South Africa
Mark Regnerus 1/25/08	Population Research Center The University of Texas at Austin	Heterosexual Relationships among American Young Adults
Sara Yeatman 2/1/08	Population Research Center The University of Texas at Austin	Fertility in Times of Crisis: HIV Infection and Childbearing Preferences in Rural Malawi
Sajeda Amin 2/15/08	Senior Associate Population Council	Dowry Discounts for Child Brides: Exploring the Connections Between Age at Marriage, Dowry, and Daughter's well-being in Bangladesh
Lisa Gennetian 2/22/08	Senior Research Director Economic Studies Program The Brookings Institution	Addressing Child Poverty Through Income Security Policies
Sharmila Rudrappa 2/29/08	Population Research Center The University of Texas at Austin	Race, Citizenship and Labor in the Information Technology Industry
Jeronimo Muniz 3/7/08	Department of Sociology University of Wisconsin	Differential Reproduction, Poverty, and the Dynamics of Inequality in Brazil, 1980-2000
Ilana Redstone Akresh 3/21/08	Department of Sociology University of Illinois	U.S. Immigrants' Occupational Adjustment: Disaggregating the Transitions
Rene Zenteno 3/28/08	Center for U.S.-Mexican Studies University of California, San Diego	The Transmission of Economic Status and Inequality: U.S.-Mexico in Comparative Perspective
Keith Robinson 4/4/08	Population Research Center The University of Texas at Austin	To Punish or Not to Punish: Parental Responses to Inadequate Achievement
Thomas DiPrete 4/11/08	Department of Sociology Columbia University	Race and the Growing Female Advantage in Educational Attainment: A Trend Comparison

In addition to the Brown Bag Seminar Series, the PRC co-sponsored a number of other seminars, interdisciplinary workshops and conferences over the past year. A partial listing of such events held since January 2007 are presented in the table below.

#### **SPECIAL SEMINARS, CONFERENCES AND WORKSHOPS HELD FROM January 2007-MAY 2008**

<b>Presenter or Organizer/ non-UT Affiliation/Date</b>	<b>Co-Sponsored By</b>	<b>Event Title</b>
Joseph Potter and Ernesto Amaral 3/21/07		Panel: Labor Migration in Latin America
Cynthia Buckley 3/23/07	Center for Russian, East European, and Eurasian Studies The University of Texas at Austin	Challenges, Choices and Context: Health Behaviors in Eastern Europe and Eurasia
Kristine Hopkins 9/22/08	Every Nations Campus Ministry	Reception: Love, Labor, and Loss: Raising Awareness about Obstetric Fistula
Bryan Roberts 2/7/08	Latin American Studies The University of Texas at Austin	XXVIII Annual ILASSA Student Conference

PRC Graduate Trainees 2/8/08	The University of Texas at Dallas	Statistics Seminar: Modeling Spatial Dependencies with and in Inter-regional Flows: A Spatial Filtering Approach
Erin Hamilton 4/4-4/6/08	Departments in the College of Liberal Arts, Natural Sciences and Communication The University of Texas at Austin	Mephistos: A Graduate Student Conference in History, Anthropology, Philosophy, Sociology of Science, Technology, and Medicine
Bryan Roberts 4/9/08	Teresa Lozano Long Institute of Latin American Studies The University of Texas at Austin	Conference: Mexico-US Migration: Rural Transformation and Development
Mark Hayward 4/10/08	Center for European Studies The University of Texas at Austin	Conference: Making Europe/Making Europeans: The Ethnographic and the Everyday

*Challenges.* The single-most important challenge facing the Administrative Core in previous years has simply been the volume of work that the grant and training activities of the PRC has brought about, particularly in the context of growth in the number, size, and complexity of funded projects at the PRC. In the coming couple of years, the loss of Mellon Foundation and Hewlett Foundation support for population research will also hamper activities of the Administrative Core, because a portion of our center funds from both Mellon and Hewlett supported the administration of the Center. Currently, the Administrative Core provides services to over 530 Faculty Research Associates and their collaborators, PRC trainees, and a host of research staff that include interviewers, translators, transcribers and data coders.

#### **I.e.ii. Computing Services Core: Changes and Accomplishments**

*Changes.* In the spring of 2007 funding was provided by the college that would allow for the hire of an additional desktop support specialist. Mark Boze started in January 2007 and has been working alongside Scott Shepherd providing desktop support for the ever increasing number of faculty, students and visitors. In the fall of 2007 the leadership of the Computing Services Core also changed. Starling Pullum retired from Center after 22 years, and Steve Boren was promoted to director of the core. Steve Boren had experience working in the core for over 9 years as the PRC's Windows Network Administrator. After becoming director, Boren initiated a search for a programmer/data analyst to fill the void in core support for data analysis. Sarah McKinnon was hired in this position. McKinnon brings over 9 years of experience as a statistical programmer and statistical analyst. Currently, she is completing her dissertation in Sociology but plans to continue in her programming/analyst role after completing her thesis.

*Accomplishments.* After a period of testing Exchange email services on a trial basis, CS has migrated email for all Population Research Center faculty, students and staff. The shared calendars and remote PDA access have improved communication and coordination for all PRC users. The remote terminal server proved very useful, and we have now set up an additional compute server using Microsoft Terminal Services as well. The Compute server is loaded with many statistical packages and has become a great asset to local and remote users alike.

The core also installed a new firewall for the Population Research Center network as well as the PRC supported network for the center's HDFS faculty who are primarily housed outside the PRC in the SEAY building across campus. This change significantly improved the security of the PRC operations in SEAY and also facilitated a closer integration with the main PRC computing network. In addition to normal additions and replacements of faculty computers, we also have replaced and reconfigured the nine PCs in the PRC lab which run statistical analyses. Lastly, the University's substantial contribution this year to computing resources has allowed us to upgrade our hardware resources to the levels required to meet the increasing demands of additional users running larger and more complex analyses.

*Challenges.* Significant challenges remain in managing growth. Increasingly, growth in the PRC faculty as well as their disciplinary diversity has led to challenges in supporting their computing outside the PRC (located in the UT Tower). As noted above, this has led us to set up a "satellite" computing cluster in HDFS, but we continue to support individual faculty as well outside the Tower. In addition, we anticipate that

challenges will come from adapting to the increasingly diverse research goals of the PRC's faculty and students, and the growth in the sheer volume of the computing needs of faculty, students, and visitors.

### I.e.iii. Project Development Core: Changes and Accomplishments

*Changes.* As the PRC's director, Hayward continues to direct the overall core, while Stephen Trejo, the PRC's new Associate Director, joins Hayward in this effort. Hayward and Trejo follow the PRC's long tradition of jointly teaching the core's summer proposal boot camp, and both of them jointly review requests for seed projects. The overarching goals of the PDC remain the same, and they are to promote: 1) the development of an active and engaged community of population scholars in which interdisciplinary collaboration is valued and common; and 2) to facilitate the development of nascent ideas into proposals that successfully compete for extramural funding. In accomplishing these goals, the PDC's efforts are organized around several reinforcing activities.

- *The PDC's Seed Grant Program.* The PDC's seed grant program promotes the development of population scientists throughout the "research life course" – from jump starting the research careers of junior researchers, to assisting researchers in scaling their research up in complexity and design and nurturing the development of interdisciplinary research projects. The seed grant program includes the PRC's Summer Proposal Boot Camp aimed at junior investigators or investigators new to the population sciences. The boot camp covers the following basic issues: the scientific missions and funding environments at NIH and NSF; the parameters of writing a good proposal; how to survive the review process; seeing proposals through the eye of the reviewer; and learning about each other's work. The end products of the boot camp are twofold – a proposal draft and the development of an identity as a PRC researcher and community member. The seed grant program also offers senior investigators funding with the primary goal of fostering the development of interdisciplinary collaborative research teams, which ultimately culminate in cutting edge research with the potential to significantly advance the field. Level 1 funding (\$2-5k) is provided to support the development of nascent interdisciplinary networking and topical working groups. Level 2 funding (\$5-20k) is provided to interdisciplinary projects that are distinguished by having specific research questions, a well-conceived theoretical basis, an identified team of collaborators, and significant potential to gain external funding.
- *Topical Working Groups.* The PDC fosters scientific community through the encouragement and support of topical working groups. The working groups arose at the impetus of the faculty, when a critical mass of faculty with common interests converged. The center's current topical working groups which arose from faculty impetus are focused on health and mortality and the transition to adulthood. A new group is in the process of forming around the idea of investigating comparative aging and health in the U.S. and Mexico.

*Accomplishments.* A major portion of the success of the PDC is measured by the submission and ultimately the receipt of federal and major foundation grants in population research. To that end, the PRC has a number of recent successes to report. Perhaps most significantly, proposal boot campers, Wei-Hsin Yu, Su Yeong Kim, and Patrick Krueger, each received fundable scores on their NICHD R03 applications in the most current review cycle. Catherine Cubbin who also participated in last year's boot camp plans to submit an R01 application this fall. Shannon Cavanagh, who participated in the prior year's boot camp, was also awarded an NICHD grant. One boot camp participant, Angelic Ware, decided to not submit her K01 application that she developed in the boot camp. She recently decided to embark on a non-academic career.

Seed grants were also awarded to support larger-scale pilots by senior investigators. Several Level 1 seed projects were awarded to Edward Anderson, Chris Ellison and Kristine Hopkins. These projects span a range of topics – re-partnering processes among middle-aged and older persons (Anderson), mortality in an exceptionally advantaged population (Ellison), and adolescent sexual behavior and pregnancy among Latinas. All pilot projects are just ramping up, and we anticipate that grant applications based on this work will be submitted over the next year. Bugao Xu (Textiles), one of the PRC's research affiliates (a faculty member whose research agenda is beginning to branch into the population sciences) was awarded a Level 2 seed grant to develop an application with colleagues in Nutrition to validate an innovative technology to obtain new anthropometry measures in studies of population health. Xu received an NIH award this past

year to pursue this study. Chandra Muller and Kelley Crews also received Level 2 awards this past year. Muller's award supported the development of a very large interdisciplinary and multi-university project to examine the transition to college among minority and low income students; an application is currently under review at NSF. Crews' award is to support pilot research in the field in Botswana to develop a major application on the ecology of HIV/AIDS and three major cofactors – parasites, nutrition, and co-factor diseases.

In the past year, a small working group involving UTMB (Rebeca Wong, Kokos Markides, and Kristen Peek) and PRC faculty (Hayward, Hummer, and J. Angel) has already been formed to develop ideas around the general topic of comparative aging and health in the U.S. Hispanic and Mexican populations. Currently, Wong and Hayward are discussing strategies for the best way for the investigators from the two units to communicate. Over the past 6 months, the group has met three times in person (rotating between UTMB and UT-Austin) which points to significant energy and interest. Nonetheless, we anticipate using video conferencing to supplement in-person meetings. The group's near term agenda is focused on examining the Mexican Family Life Survey, the Mexican Health and Aging Survey, the Hispanic EPESE study in the U.S., and the Health and Retirement Study to assess complementarities and gaps in key aspects of aging, health, and the life course in these data sets. The group is at the very early stages of contemplating new data collection efforts that would permit in-depth comparative studies of aging and health processes on both sides of the U.S. – Mexico border. The group is also beginning to consider the feasibility of a small P01 built around the recently released MxFLS that would potentially draw in investigators from other universities.

The two long-standing working groups continue to be highly active. The “Transition to Adulthood” group continues to meet approximately monthly. This group is highly dynamic and self organizing, and group discussions have spawned several new collaborations in the past year (e.g., the collaboration between Crosnoe, Cavanagh, and Osborne which led to a new NICHD project, and the collaboration between Muller, Raley, Riegle-Crumb and others that resulted in a major new NSF project that is expected to be funded). The “Health and Mortality” group is also thriving. They meet approximately every two weeks to review current progress on a series of studies built around Hummer and Frisbie's two NICHD projects. Discussions have begun in this group about “next steps” – ideas for new projects that will continue investigations of educational influences on health and mortality over the life course as well as projects examining race/ethnic disparities in the health of infants and children.

*Challenges.* Perhaps the single most important challenge for the PDC is to find innovative ways to encourage the development of an active and engaged community of scholars within the center. On almost every front, the PRC has been successful in this effort, yet it is important to encourage innovation to ensure that our strong community culture continues. To this end, two steps were taken in the past year. First, the topical working groups' activities were tied more closely to the PRC brownbag by providing each working group with \$2,500 to bring in outside speakers for the brownbag. This helps to ensure strong faculty participation in the brownbag series – which is already high – and exposes our graduate students to a range of ideas and debates from population scientists across the country. Second, the PRC is initiating an annual competition for a major pilot project \$25-30k to encourage the development of signature multi-investigator, interdisciplinary projects. The first competition will be held this summer.

#### **I.e.iv. How the Infrastructure Program Facilitates and Sustains High-Quality, Innovative Research**

The discussion above makes clear that the R24 support has provided fundamentally important resources for the Center to develop a culture that promotes and facilitates the highest level of population research. A major portion of that are the highly valuable on-the-ground administrative and computing services. These are the “front line” resources that make it possible for our faculty to develop and manage their grant supported research projects. The administrative and computing services, of course, are complemented by our Project Development Core which in no small measure is the means by which we “socialize” junior faculty into the PRC interdisciplinary culture and provide them with the knowledge of how to write grant applications, and make best use of the center's infrastructural resources. The Project Development Core has also been fundamentally important in helping faculty move beyond individual, single investigator projects, providing funds and mentorship that has led to multi-investigator, collaborative, and interdisciplinary research.

The most fundamental way that the infrastructure program facilitates and sustains high quality, innovative research is in attracting and retaining outstanding faculty. As noted earlier, we have recently

recruited a number of excellent junior faculty to the Center: Keith Robinson (Sociology), Tetyana Pudrovskaya (Sociology), Adina Batnitzky (Geography and the Environment), and Rebeca Wong (UTMB). Several searches in Economics and Sociology have outstanding offers, and a search in Anthropology for a senior faculty member is on-going. At the same time, that the PRC was gaining faculty, we lost several faculty which we see as healthy over the long run. And, the increase in faculty as well as the on-going university commitment to continue building faculty capacity in the population sciences directly reflects the University's view that the infrastructure program is fundamentally important in building and sustaining outstanding scholarship in the population sciences at the University of Texas.

Somewhat hidden in the observable comings and goings of faculty recruitment has been UT's response in keeping outstanding PRC faculty. In the past year, PRC faculty members were actively recruited by Cornell, Harvard, the University of North Carolina, Vanderbilt, the University of Washington, and Penn State University. In all of these cases, the University of Texas vigorously countered and retained its faculty. This would not have been the case in the absence of a strong infrastructure program promoting outstanding scientific research.

The infrastructure program over the past year fostered research development leading to almost \$11 million in total support last year. Of this amount, the PRC faculty received over \$4 million in support from NICHD and over \$2 million from other parts of NIH. The University of Texas generously provided \$584,591 in institutional support, demonstrating its commitment to maintaining a strong infrastructure program in the population sciences. These overall figures are somewhat similar to those reported in our latest R24 application, although we experienced increases in NICHD and other NIH support in the past year (almost \$1 million in each category). And, although the number of new grants was down from the prior year, this appears to reflect the success of prior years' grant applications rather than a downturn in scientific activity.

The scientific activity of the PRC faculty continues to be outstanding. As a group, the faculty published or have in press over 290 articles, books, and book chapters. As was evident in the description of the past year's major research findings, books continue to be a hallmark feature of the Center's scholarship. In the past year, 10 books were published or are in press by Jacqui Angel, Cindy Buckley, Chris Ellison, Robert Hummer, Aletha Huston, Laura Lein, Marc Musick, Mark Regnerus, Gretchen Ritter, John Traphagan, Robert Wilson and Peter Ward. The PRC faculty are visible in population science journals (5 articles) and they also publish in highly visible disciplinary and interdisciplinary outlets. For example, the PRC faculty have published articles (or have papers in press) in the *American Sociological Review* (2 articles), the *American Journal of Sociology* (2 articles), and *Social Forces* (2 articles). The faculty have also published a number of articles in top-tier specialty journals (e.g., *Journal of Marriage and the Family* (9 articles)), and they actively publish in high visible population health journals (e.g., *Journal of Health and Social Behavior*, *Social Science and Medicine* and the *American Journal of Public Health* (23 articles)). Complementing this high rate of publication in visible outlets is the faculty's activity at major scientific meetings – particularly their high visibility at the annual meetings of the Population Association of America. The University of Texas' Population Research Center is one of the most visible centers of excellence in our field.

## **J. STATEMENT OF PROJECT-GENERATED RESOURCES**

This grant does not have any associated project-generated resources.

## **K. STATEMENT OF HUMAN SUBJECTS**

All research at the Population Research Center undergoes annual review for compliance to federal and university policies concerning collection and use of data on human subjects. All faculty, trainees, graduate research assistants, collaborators, consultants, and staff are trained in the appropriate procedures for conducting research in human subjects and are certified accordingly.

GRANT NUMBER  
R24HD042849-06**CHECKLIST****1. PROGRAM INCOME (See instructions.)**

All applications must indicate whether program income is anticipated during the period(s) for which grant support is requested. If program income is anticipated, use the format below to reflect the amount and source(s).

Budget Period	Anticipated Amount	Source(s)

**2. ASSURANCES/CERTIFICATIONS (See instructions.)**

In signing the application Face Page, the authorized organizational representative agrees to comply with the policies, assurances and/or certifications listed in the application instructions when applicable. Descriptions of individual assurances/certifications are provided in Part III of the [PHS 398](#), and listed in Part I, 4.1 under Item 14. If unable to certify compliance, where applicable, provide an explanation and place it after the Progress Report (Form Page 5).

**3. FACILITIES AND ADMINISTRATIVE (F&A) COSTS**

Indicate the applicant organization's most recent F&A cost rate established with the appropriate DHHS Regional Office, or, in the case of for-profit organizations, the rate established with the appropriate PHS Agency Cost Advisory Office.

F&A costs will **not** be paid on construction grants, grants to Federal organizations, grants to individuals, and conference grants. Follow any additional instructions provided for Research Career Awards, Institutional National Research Service Awards, Small Business Innovation Research/Small Business Technology Transfer Grants, foreign grants, and specialized grant applications.

DHHS Agreement dated: October 25, 2004  No Facilities and Administrative Costs Requested.

No DHHS Agreement, but rate established with \_\_\_\_\_ Date \_\_\_\_\_

**CALCULATION\***

Entire proposed budget period: Amount of base \$ 415,405 x Rate applied 50% % = F&A costs \$ 207,703

Add to total direct costs from Form Page 2 and enter new total on Face Page, Item 8b.

\*Check appropriate box(es):

Salary and wages base  Modified total direct cost base  Other base (Explain)

Off-site, other special rate, or more than one rate involved (Explain)

Explanation (Attach separate sheet, if necessary.):

Total direct costs less tuition remission: \$419,473 less \$4,068

**SENIOR/KEY PERSONNEL REPORT**

**GRANT NUMBER**  
2 R24 HD042849-06

Place this form at the end of the signed original copy of the application. Do not duplicate.

**All Key Personnel for the Current Budget Period (do not include Other Significant Contributors)**

Name	Degree(s)	SSN (last 4 digits)	Role on Project (e.g. PI, Res. Assoc.)	Months Devoted to Project		
				Cal	Acad	Summer
<b>Research Staff</b>						
Kristine L. Hopkins	PhD		Faculty Webmaster	2.10		
Keith Robinson	PhD		Research Associate	1.50		
Angel Harris	PhD		Research Associate	1.00		
Catherine Cubbin	PhD		Research Associate	1.75		
Mark D. Hayward	PhD		PI	1.00		
Stephen J. Trejo	PhD		Research Associate	1.00		
Daniel Powers	PhD		Research Associate	0.25		
R. Kelly Raley	PhD		Research Associate	1.00		
<b>Technical Staff</b>						
Carmen Wallace	n/a		Grants Specialist	4.16		