JENNIFER A. MILLER, PH.D.
Associate Professor, Department of Geography and the Environment
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The University of Texas at Austin
Austin, Texas 78712
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EDUCATION

San Diego State University / University of California at Santa Barbara
Ph.D., Geography Joint Doctoral Program, San Diego, CA (September 2003).
Dissertation: "Incorporating spatial dependence in predictive vegetation models" ***Advisor:*** Janet Franklin. ***Committee members:*** Serge Rey (SDSU), Mike Goodchild, and Joel Michaelsen (UCSB)

The Ohio State University
M.A., Geography Department (March 1997), Spatial Analysis Methods emphasis
Thesis: "A Biogeographic Investigation of Raccoon Rabies in the Mid- Atlantic States"
Advisor: Duane Marble

University of Miami
B.A. with Honors, Geography major/Chemistry minor (May 1992)

PROFESSIONAL APPOINTMENTS

Associate Professor, Department of Geography and the Environment, The University of Texas at Austin (2013 –present).

Assistant Professor, Department of Geography and the Environment, The University of Texas at Austin (2007-2013).

Assistant Professor, Department of Geology and Geography, West Virginia University (2003-2007).

PUBLICATIONS

Journal articles (peer-reviewed)

1) S. McCauley, J. Rogan, and **J. Miller** (2013). Modeling forest species distributions in a human-dominated landscape in Northeastern, USA. *International Journal of Applied Geospatial Research* 4:3, 39-57.

2) **J. Miller** (2012). Species distribution models: Spatial autocorrelation and nonstationarity. *Progress in Physical Geography* 36:5, 681-692.

3) **J. Miller** (2012). Using spatially explicit simulated data to analyze animal interactions: a case study with brown hyenas in Northern Botswana. *Transactions in GIS* 16(3):271-291.

4) **J. Miller** and R.Q. Hanham (2011). Spatial nonstationarity and the scale of species-environment relationships in the Mojave Desert, CA**.** *International Journal of Geographical Information Science* 25:3, 423-438.

5) **J. Miller** (2010). Species distribution modeling. *Geography Compass* 4(6):490-509.

6) B. Ghimire, J. Rogan, and **J. Miller** (2010). Contextual land-cover classification: incorporating spatial dependence in land-cover classification models using random forests and the Getis statistic. *Remote Sensing Letters* 1:1, 45-54.

7) J. Rogan, J. Franklin, D. Stow, **J. Miller**, C. Woodcock, and D. Roberts (2008). Mapping land cover modifications over large areas: A comparison of machine learning algorithms. *Remote Sensing of Environment* 112(2272-2283).

8) **J. Miller,** J. Franklin, and R. Aspinall (2007). Incorporating spatial dependence in predictive vegetation models. *Ecological Modelling* 202(225-242).

9) A. Hessl, **J. Miller**, J. Kernan, and D. McKenzie (2007). Mapping paleo-fire boundaries from binary point data: comparing interpolation methods. *The Professional Geographer* 59(1):87-104.

10) **J. Miller** and J. Franklin (2006). Explicitly incorporating spatial dependence in predictive vegetation models in the form of explanatory variables: a Mojave Desert case study. *Journal of Geographical Systems* 8:411-435.

11) **J. Miller** (2005). Incorporating spatial dependence in predictive vegetation models: residual interpolation methods. *The Professional Geographer* 57(2): 169-184.

12) J. Rogan, **J. Miller**, D. Stow, J. Franklin, L. Levien and C. Fischer, (2003). Land-cover change monitoring with classification trees using Landsat TM and ancillary data. *Photogrammetric Engineering and Remote Sensing* 69(7): 793-804.

13) **J. Miller** and J. Franklin (2002). Modeling the distribution of vegetation alliances using generalized linear models and classification trees with spatial dependence. *Ecological Modelling,* 157: 227-247.

Letters (peer-reviewed)

14) R. Aspinall, **J. Miller,** and J. Franklin (2009). Calculations on the back of a climate envelope: addressing the geography of species distributions. *Proceedings of the National Academy of Sciences* 106(16): E44.

Book chapters (peer-reviewed)

15) **J. Miller** and J. Franklin (2010). Incorporating spatial autocorrelation in species distribution models, in Handbook of Applied Spatial Analysis, M. Fischer and A. Getis, eds. Springer Pubs, pgs. 685-702.

16) J. Franklin and **J. Miller** (2009). Statistical methods- Modern Regression, in Spatial Inference and Prediction with Biogeographical Data, J. Franklin, author. Cambridge University Press, pgs. 113-153.

17) **J. Miller** and J. Rogan (2007). Using GIS and remote sensing for ecological mapping and monitoring, in Integration of GIS and Remote Sensing, V. Mesev, Ed. Wiley & Sons, pgs. 233-268.

18) J. Rogan and **J. Miller** (2006). Integrating GIS and remotely sensed data for mapping forest disturbance and change, in Understanding Forest Disturbance and Spatial Pattern: Remote Sensing and GIS Approaches, M. Wulder and S. Franklin, Eds., CRC Press, Boca Raton, FL, pgs. 133-171.

19) J. Franklin, T. Keeler-Wolf, K. Thomas, D. Shaari, P. Stine, J. Michaelsen, and **J. Miller** (2001). Stratified sampling for field survey of environmental gradients in the Mojave Desert Ecoregion, in GIS and Remote Sensing Applications in Biogeography and Ecology, A. Millington, S. Walsh and P. Osborne, Eds., Kluwer Academic Publishers, Netherlands, pgs. 229-253.

Conference proceedings (peer-reviewed extended abstracts or papers)

20) P. Holloway and **J. Miller** (2012). A novel modeling technique to incorporate regular movement into species distribution models. Workshop on Time-GIScience, Columbus, Ohio.

21) **J. Miller** (2011). To what extent are Brown Hyena pairs in Northern Botswana interacting? An exploration using spatially explicit simulated movement patterns. Council on Spatial Information Theory (COSIT) Meeting, Belfast, Maine.

22) **J. Miller** and G. Maude (2010). Using correlated random walks to analyze interaction between Brown Hyena pairs in Northern Botswana, GIScience Meeting, Zurich, Switzerland.

23) **J. Miller** (2009)**.** Spatial non-stationarity and scale of species-environment relationships in the Mojave Desert, CA. International Geocomputation Conference, Sydney, Australia.

24) **J. Miller** (2007). Using simulated data to explore the effects of spatial structure, sampling strategy, and statistical methods on species distribution models. Geocomputation Conference, Maynooth, Ireland.

25) **J. Miller** (2005)**.** Incorporating spatial dependence in predictive vegetation models: Mojave Desert case study. Geocomputation Conference, Ann Arbor, MI.

Book reviews

26) **J. Miller** (2009). A Review of The Handbook of Geographic Information Science, *Annals of the Association of American Geographers* 99(3):637 — 639.

27) C. D'Alessandro-Scarpari, G. Elmes, **J. Miller**, D. Weiner (2006). A Review of Geography and Technology, *Progress in Human Geography* 30:675-677.

RESEARCH GRANTS

Awarded:

National Institutes of Health R21 Grant, "Development and validation of novel prospective GPS/GIS based exposure measures," PI: Jacqueline Kerr (UC San Diego), **J. Miller**: consultant. 2012-2014.

UT Vice President of Research Grant, for "Developing a spatially explicit framework to analyze animal movement and interaction: a case study using brown hyena in Northern Botswana", 2011-2012.

National Science Foundation Grant, Spatial Autocorrelation and Species Distribution Models: Analyzing the Effects of Spatial Structure, Sampling Strategy, Statistical Methods, and Scale Using Simulated Data, **J. Miller**: Sole PI, 2010-2013 (with no-cost extension to 2014) (*$266,863).*

WVU Eberly College of Arts and Sciences Research Proposal Preparation Mini-Grant, June 2006.

National Science Foundation Grant, Spatial inference and prediction with biogeographical data, **J. Miller**: Co-PI (with Janet Franklin, SDSU), 40% relative effort. 2005-2008 (with no-cost extension to 2009) (*$106,106).*

Shared Visions Grant, San Diego State Foundation, San Diego, CA. Dec. 2000.

HONORS/AWARDS/FELLOWSHIPS

UT Liberal Arts Summer Research Assignment, June-August 2013

Association of American Geographers (AAG) Biogeography Specialty Group Travel Grant, to attend the International Biogeography Society Meeting in Heraklion, Crete, Jan. 7-11, 2011. *$1200*

UT College of Liberal Arts Research Fellowship, Fall 2009

UT Liberal Arts Summer Research Assignment, June-August 2008

AAG - NSF Travel Grant, to attend IGU conference in Brisbane, Australia, July 3-7, 2006. *$1200*

ESRI-UCGIS Young Scholar Award, UCGIS Summer Meeting, Adelphi, MD, Oct. 20-23, 2004.

WVU Summer Grant for Course Development, for GEOG 150, "Digital Earth," June 2004. *1 month summer salary*

J. Warren Nystrom Dissertation Award, AAG Centennial Meeting, Philadelphia, PA, March 14-19th, 2004.

Co-author, Leica Geosystems Award for Best Scientific Paper in Remote Sensing for "Land-Cover Change Monitoring with Classification Trees using Landsat TM Ancillary Data" (PE&RS; 69-7, pp 793-804). 2004

Best Student Presentation, 18th Annual Symposium, International Association for Landscape Ecology-US Chapter (US-IALE), Banff, Alberta, Canada***,*** April 2 – 6, 2003.

NASA-MSU Professional Enhancement Award, 18th Annual Symposium, International Association for Landscape Ecology-US Chapter (US-IALE), Banff, Alberta, Canada***,*** April 2 – 6, 2003.

1st Place, AAG GIS Specialty Group Honors Student Paper Competition, 99th Annual AAG Meeting, New Orleans, LA, March 4 - 8, 2003.

NCGIA Travel Grant, GIScience Conference, Boulder, CO, September 25 - 28, 2002. *$500*

Most Analytical Poster Award: ESRI User's Conference, San Diego, CA, July 8 - 12, 2002.

2nd Place, Cartography, GIS and Remote Sensing Specialty Groups Illustrated Paper Student Competition. Presented at the 98th Annual Meeting of the Association of American Geographers, Los Angeles, CA, March 18 - 24, 2002.

Undergraduate Award in Geography. University of Miami, Coral Gables, FL. May 1992.

Henry King Stanford Scholarship, University of Miami, Coral Gables, FL. 1988 - 1992.

ITT Scholarship, 1988 - 1992.

CONFERENCE PRESENTATIONS

J. Miller, A framework for analyzing dynamic interactions: a case study using brown hyenas in Botswana, International Association of Landscape Ecology- US Chapter Symposium Austin, TX Apr. 13-18.

J. Miller, A framework for analyzing dynamic interactions (between animals): a case study using brown hyenas in Botswana, Association of American Geographers (AAG) Meeting, Los Angeles, CA, Apr. 9-13.

J. Miller, Using simulated data to quantify dynamic interactions between pairs of individuals, International GIScience Conference, Columbus, OH, Sep. 18-21, 2012.

J. Miller, Analyzing movement and interaction of brown hyena in Northern Botswana, ESRI International User Conference, Advances in GIScience Research session, San Diego, CA, Jul. 23-27, 2012.

J. Miller, Using Spatially Explicit Simulated Data for Modeling and Geovisualization Roundtable, Association of American Geographers (AAG) Meeting, New York, NY, Feb. 23-29, 2012*

J. Miller, To what extent are Brown Hyena pairs in Northern Botswana interacting? An exploration using spatially explicit simulated movement patterns, Conference on Spatial Information Theory (COSIT), Belfast, ME. Sep. 12-16, 2011.

J. Miller, Using spatial simulation to analyze dynamic interactions between Brown Hyena pairs in Northern Botswana, AAG Meeting, Seattle, WA Apr. 12 – 16, 2011.

J. Miller and G. Maude, Using spatial simulation to analyze interaction between Brown Hyena pairs in Northern Botswana, International Biogeography Society Meeting, Heraklion, Crete, Jan. 7-11, 2011.

J. Miller and G. Maude, Using correlated random walks to analyze interaction between Brown Hyena pairs in Northern Botswana, GIScience Meeting, Zurich, Switzerland, Sep. 15-17, 2010.

J. Miller, Modeling Species' Distribution and Movement Roundtable, AAG Meeting, Washington D.C., Apr. 13-18, 2010. *

J. Miller, Spatial non-stationarity and scale of species-environment relationships in the Mojave Desert, CA. International Geocomputation Conference, Sydney, Australia, Nov. 30-Dec. 2, 2009.

J. Miller, Species Distribution Modeling Roundtable, AAG Meeting, Las Vegas, NV, Mar. 24-27, 2009. *

J. Miller, Scale and spatial non-stationarity of species-environment relationships in the Mojave Desert, CA. International Biogeography Society, Merida, Mexico, Jan. 8-12, 2009.

J. Miller, Scale and spatial non-stationarity of species-environment relationships in the Mojave Desert, CA. GIScience Meeting, Park City, UT, Sep. 23-26, 2008.

J. Miller, Species distribution modeling roundtable, AAG Meeting, Boston, MA, Apr. 15-19, 2008.*

B. Gilmer and **J. Miller,** Predictive vegetation models: a comparison of model combination approaches. AAG Meeting, San Francisco, CA, Apr. 17-21, 2007.

B. Gilmer and **J. Miller,** Predictive vegetation models: a comparison of model combination approaches. International Association for Landscape Ecology-US Chapter (US-IALE), Tucson, AZ, Apr. 9-13, 2007.

J. Miller, Using simulated data to explore the effects of spatial structure, sampling strategy, and statistical methods on species distribution models. Geocomputation Meeting, Maynooth, Ireland, Sep. 3-6, 2007.

J. Miller, How do spatial structure and sampling strategies affect modeling methods used with spatially autocorrelated binary species data? GIScience Meeting. Münster, Germany, Sep. 20-23, 2006.

J. Miller, The influence of pattern and place on species distribution models. International Geographical Union (IGU), Brisbane, Australia, Jul. 3-7, 2006.*

J. Miller and B. Gilmer, A comparison of statistical models and accuracy measures for species distribution models: a Mojave Desert case study. US-IALE Meeting. San Diego, CA, Mar. 28-Apr. 1, 2006.

J. Miller and B. Gilmer, A comparison of statistical models and accuracy measures for species distribution models: a Mojave Desert case study. AAG Meeting. Chicago, IL, Mar. 7-11, 2006.

P. Scull and **J. Miller**. Using multivariate adaptive regression splines to assess the extent to which climate controls landscape-scale soil carbon variability. AAG Meeting, Chicago, IL, Mar. 7-11, 2006

J. Miller. A comparison of methods used to incorporate spatial dependence in predictive vegetation models. Geocomputation Meeting, Ann Arbor, MI, Aug. 1-3, 2005.

J. Miller. A spatially explicit accuracy assessment of two predictive vegetation modeling methods. AAG Meeting, Denver, CO, Apr. 4-10, 2005.

J. Miller and J. Rogan. A quantitative comparison of non-parametric change detection classification techniques for efficient large area map updating. American Society of Photogrammetric Engineering and Remote Sensing Conference, Baltimore, MD, Mar. 7-11, 2005.

J. Miller and J. Franklin. A comparison of methods for incorporating spatial dependence in predictive vegetation models. Spatial Accuracy/Environmetrics Joint Meeting, Portland, ME, Jun. 28 – Jul. 1, 2004.

J. Miller and J. Franklin. Incorporating spatial dependence in predictive vegetation models. US-IALE Meeting, Las Vegas, NV**,** Mar. 30 – Apr. 2, 2004.

J. Miller and J. Franklin. Incorporating spatial dependence in predictive vegetation models: residual interpolation methods. AAG Nystrom Competition. Philadelphia, PA, Mar. 14 - 19, 2004.

J. Miller and J. Franklin. A comparison of methods for incorporating spatial dependence in predictive vegetation models. US-IALE Meeting, Banff, Alberta, Canada**,** Apr. 2 – 6, 2003.

J. Miller and J. Franklin. Incorporating spatial dependence in predictive vegetation models. AAG-GIS SG Honors Student Paper Competition. New Orleans, LA, Mar. 4 - 8, 2003.

J. Miller and J. Franklin. Incorporating spatial dependence in predictive vegetation maps. GIScience 2002, Boulder, CO. Sep. 25-28, 2002.

J. Miller and J. Franklin. Vegetation modeling in the Mojave Desert with spatial dependence. 22nd Annual ESRI International User Conference, San Diego, CA Jul. 8 -12, 2002.

J. Miller and J. Franklin. Modeling vegetation alliances in the Mojave Desert with spatial dependence. 98th Annual AAG Meeting, Los Angeles, CA Mar. 19-23, 2002.

J. Miller and J. Franklin. Modeling the distribution of vegetation alliances in the Mojave Desert Ecoregion. 97th Annual AAG Meeting, New York, NY Feb. 28 - Mar. 3, 2001.

J. Miller and J. Franklin. Predictive modeling in the Mojave Desert with spatial dependence. 96th Annual AAG Meeting, Pittsburgh, PA Apr. 4-8, 2000.

J. Miller. A Biogeographical investigation of raccoon-borne rabies in the Mid-Atlantic States. 93rd Annual AAG Meeting, Ft. Worth, TX Apr. 1-5, 1997.

* indicates sessions I organized.

INVITED TALKS/WORKSHOPS

Clark University, Conservation seminar, Worcester, MA, "Using simulated data to analyze animal interactions: a case study with brown hyenas in Northern Botswana." Feb. 22, 2013.

University of North Texas Department of Geography, Denton, TX, "Using simulated data to analyze animal interactions: a case study with brown hyenas in Northern Botswana." Sep. 28, 2012.

DIMACS/MBI Workshop in Quantitative Landscape Ecology and Environmental Sustainability, University of KwaZulu-Natal, Durban, South Africa, "Using simulated data to quantify dynamic interactions between pairs of individuals", July 6, 2012.

Clark University Graduate School of Geography, Worcester, MA, "Virtual Biogeography: Using simulated data as a species modeling tool." Sep. 16, 2011.

Workshop on Identifying Objects, Processes, and Events from Spatio-temporal Data, COSIT (Belfast, ME). Sep. 12, 2011.

University of Texas Department of Geography and the Environment, Austin, TX, "Virtual Biogeography: Using simulated data as a species modeling tool." Feb. 18, 2011.

University of Utah Department of Geography, Salt Lake City, UT, "Virtual Biogeography: Using simulated data as a species modeling tool." Nov. 19, 2010.

Movement Pattern Analysis Workshop, University of Zurich, Zurich, Switzerland, Sep. 14, 2010.

Arizona State University School of Geographical Sciences Colloquium Series, Tempe, AZ, "The impact of pattern and place on predictive vegetation models: A Mojave Desert case study." Feb. 2, 2007

Clark University Graduate School of Geography Colloquium, Worcester, MA, "Species and Space: The impact of pattern and place on predictive vegetation models." Nov. 17, 2005.

San Diego State University Department of Geography Colloquium, San Diego, CA, "Incorporating spatial dependence in predictive vegetation models," Nov. 12, 2004

Workshop on Generalized Regression Analysis and Spatial Prediction: Grasping ecological patterns from species to landscape, Riederalp, Switzerland, Aug. 16-20, 2004.

Workshop on Advances in GLM/GAM Modeling: from species' distribution to environmental management. Riederalp, Switzerland, Aug. 6 – 10, 2001.

GRADUATE STUDENT SUPERVISION

West Virginia University:
Ben Gilmer, M.A., Geography, **Committee chair** (completed May 2007)
Catalin Demian, M.A., Geography, **Committee chair** (completed May 2007)
Jim Kernan, Ph.D., Geography, Committee member (completed September 2008)

University of Texas:
Lazarus Pomara, Ph.D., Geography, Committee member (completed December 2009)
Ophelia Wang, Ph.D., Geography, Committee member (completed December 2011)
Paul Holloway, Ph.D., Geography, **Committee chair** (2011 - present)
Niti Mishra, Ph.D., Geography, Committee member (2008 - present)
Xuebin Yang, Ph. D., Geography, Committee member (2011 – present)

Othoniel Vázquez Domínguez, M.A., Geography, Committee member (completed August 2011)
Maria José LaRota, M.A., Geography, Committee member (completed December 2011)
Dylan Malcomb, M.A., Geography, Committee member (completed May 2012)
Renata Ponte, M.A., Geography, **Committee chair** (completed May 2012)
Jennifer Alexander, M.A., Geography, Committee member (2010 - present)
Alex Biggs, M.A., Geography, Committee member (2012 – present)
John Clary, M.A., Geography, Committee member (2012 – present)
Justin Laue, M.A., Geography, Committee member (2012 – present)

Allison Bullock, B.A., Geography, Honors thesis reader (completed May 2010)
Maggie Houchen, B.A., Geography, Honors thesis reader (completed May 2012)
Andrew Townsend, B.A., Geography, Honors thesis reader (completed May 2012)

Isaac Sasson, Portfolio in Applied Statistical Modeling, Adviser (completed December 2010)

Christina Andruks, Ph.D., Biology, Committee member (2008 - present)
Kelly Pierce, Ph.D., Biology, Committee member (2010 - present)
Matthew Moskwik, Ph.D., Biology, Committee member (2011 - present)
Stavana Strutz, Ph.D., Biology, Committee member (2011 - present)

Alejandra Ramirez Cuesta, Ph.D., Public Affairs, Committee member (completed December 2012)

Texas State University:
Timothy Fotinos, Ph.D., Biology, Committee member (2008 - present)

Clark University:
Steve McCauley, Ph.D., Geography, Committee member (completed December 2009)
Ashley Curtis, M.A., Geography, Committee member (completed August 2008)
Andrew Shatz, M.A., Geography, Committee member (completed August 2013)

External:
Frederique Olivier, Ph.D. University of Tasmania, External reviewer (2006)
Cordelia Moore, Ph.D. University of Western Australia, External reviewer (2009)
Shi Haijing, Ph.D. University of New South Wales, External reviewer (2012)

PROFESSIONAL SERVICE

University of Texas
Department of Geography and the Environment:
External chair search committee (2012)
Honors thesis advisor (2010-present)
GIScience faculty search committee (2010)
Department representative at UT Spring Commencement (May 2010, May 2011)
Department representative at COLA Parents' Dinner (Oct. 2007, Oct. 2010, Oct. 2011)
Colloquium chair (Spring 2009)
Merit committee (2009)
Physical Geography faculty search committee (2008)
Graduate committee (2007-present)
Department representative at COLA Fall Commencement (Dec. 2007)
Health Geography faculty search committee (2007)
Minority Liaison (2007-2010)

Chair, Department Computer committee (2008- present)

College/University:
UT College of Liberal Arts Faculty IT Advisory Committee (2010 –present)
Associated Faculty, UT Division of Statistics and Scientific Computing (2009 – present)
Director, UT GIScience Center (2009- present)

West Virginia University
Department of Geology and Geography:
Graduate Committee (2006-2007)
Undergraduate Committee (2003- 2006)
Faculty advisor for Geography Club (2003-2007)

Other professional service:
AAG Review of Books, Editorial Board
Elected, AAG Spatial Analysis & Methods (SAM) Specialty Group, Board member (2013-2016).
Site Selection committee, US Chapter of International Association of Landscape Ecology (2010-present)
Selection committee, William L. Garrison Award for Best Dissertation in Computational Geography (2010).
Programme committee, International Geocomputation Conference (2009)
Elected, AAG GIS Specialty Group Chair (2008-2009)
Elected, AAG GIS Specialty Group Vice-Chair (2007-2008)
Elected, AAG GIS Specialty Group Academic Councilor (2005-2007)
Judge, Sigma Xi Research Day, WVU, (April 2006)
Selection committee, UCGIS Young Scholar Awards, (May 2005)

Article reviews for 2003-2012 (counts are for number of reviews since 2007 (29 total)):
Annals of the Association of American Geographers, Applied Geography (1), Applied Vegetation Science (1), Biogeosciences (1), Biological Invasions (1), Canadian Journal of Remote Sensing (1), Diversity and Distributions (2), Ecography (1), Ecological Modelling (3), Ecological Applications (1), Ecology, Environmental Management (1), Journal of Applied Ecology, Journal of Biogeography (1), Journal of Geographical Systems (2), Journal of Vegetation Science, Geocarto International, Geographical Analysis, International Journal of Geographic Information Science (4), International Journal of Global Environmental Issues, International Journal of Remote Sensing, Landscape Ecology (2), Marine Ecology Progress (1), Photogrammetric Engineering and Remote Sensing, PLOS One (1), The Professional Geographer (3), Remote Sensing of the Environment (1), Remote Sensing Letters (1), Transactions in GIS (1).

Manuscript reviews:
(2011) E-book proposal for "Remote Predictive Mapping (RPM) of Northern Environments." Bentham Science Publishers
(2009) Franklin, J. Spatial Inference and Prediction with Biogeographical Data (with the exception of chapter 6, which I co-authored). Cambridge University Press
(2009) Chang, Introduction to Geographic Information Systems (reviewed 5th ed for 6th ed). McGraw-Hill.
(2008) McKenzie, D. *et al.,* Scaling laws and complexity in fire regimes, Chapter 2 in The Landscape Ecology of Fire. Springer-Verlag.

Proposal reviews for:
Hungarian Scientific Research Fund (OTKA) (2010), Kansas State University Dept. of Geography (2008), National Science Foundation (2007).

Professional affiliations:
Association of American Geographers (1997 – present)
International Association of Landscape Ecology (2002 – present)
International Biogeographical Society (2007 – present)