

METEOROLOGICAL PROFESSIONAL DEVELOPMENT

National Weather Service Training Sessions:

- Skywarn, Severe Weather Spotter Training (Basic/Advanced), February 2008 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), February 2007 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), January 2006 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), February 2005 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), February 2004 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), February 2003 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), February 2002 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), March 2001 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), March 2000 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), March 1999 (Austin, TX)
- Skywarn, Severe Weather Spotter Training (Basic/Advanced), March 1998 (Austin, TX)
- Skywarn, Severe Weather Spotter Training, March 1997 (Austin, TX)
- Skywarn, Severe Weather Spotter Training, March 1996 (Austin, TX)
- Skywarn, Severe Weather Spotter Training, March 1995 (Austin and Waco, TX)
- Skywarn, Severe Weather Spotter Training, March 1994 (Austin and Comanche, TX)
- Skywarn, Severe Weather Spotter Training, March 1993 (Austin, TX)
- Skywarn, Severe Weather Spotter Training, March 1992 (Austin, TX)
- Skywarn, Severe Weather Spotter Training, March 1991 (Austin, TX)
- Skywarn, Severe Weather Spotter Training, 1989 (Koppel, TX)
- Skywarn, Severe Weather Spotter Training, 1988 (Denton, TX)
- Skywarn, Severe Weather Spotter Training, 1985 (San Antonio, TX)
- Skywarn, Severe Weather Spotter Training, 1984 (Garland, TX)
- Skywarn, Severe Weather Spotter Training, 1983 (Garland, TX)
- Skywarn, Severe Weather Spotter Training, 1981 (San Antonio, TX)

American Meteorological Society Short Courses:

- Dual-Polarization Weather Radar: Principles and Applications (Denver, CO; June 2008)
- Climate and the Media: Understanding and Communicating Climate Variability and Change (Washington, DC; August 2005)
- Forensic Meteorology - Principles, Practices and Procedures (San Diego, CA; January 2005)
- What Kind of Storms Will We Have Today? Analyzing Thermodynamic Profiles, Models and Radar (New Orleans, LA; June 2004)
- Severe Weather Forecasting in the New Millennium for Broadcast Meteorologists (Minneapolis, MN; June 2001)
- Understanding and Using The "Imagery" in Satellite Imagery (San Francisco, CA; June 2000)
- Workshop on Remote Sensing: Radar and Satellite Applications for the Broadcast Meteorologist (Orlando, FL; 20 June 1999)
- Satellite Derived Precipitation Estimates (Dallas, TX; 10 January 1999)
- Making Sense Out of The Models (St. Louis, MO; June 1998)
- National Weather Science Data Sources, Formats and Uses (Phoenix, AZ; 11 January 1998)
- Back to the Future: Old and New Forecasting Techniques (Boston, MA; 19 June 1996)
- GOES I-8 and Numerical Weather Prediction (Dallas, TX; 15 January 1995)
- When Disaster Strikes - Are We Prepared to Cope? Awareness Preparedness and Education (Charleston, SC; 28 June 1993)
- The Use and Interpretation of WSR88D/NEXRAD Products Available to the Media and Others (San Diego, CA; 10 June 1992)
- NEXRAD (WSR88D Radar) Applications and the Media (Boulder, CO; 20 June 1990)
- Radar and Satellite Data Applications to Mesoscale Meteorology (Chicago, IL; 16 June 1988)
- Use of Numerical Weather Prediction Guidance and Weather Satellite Imagery by Broadcast Industry (Reno, NV; 25 June 1987)

National Weather Association Workshops:

- 12th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 27-29 March 2008)
- 11th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 22-24 March 2007)
- 10th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 23-25 March 2006)
- 9th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 31 March - 2 April 2005)
- 8th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 25-27 March 2004)
- 7th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 27-29 March 2003)
- 6th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 21-23 March 2002)
- 5th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 29-31 March 2001)
- 4th Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 31 March - 2 April 2000)
- 3rd Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 26-28 March 1999)
- 2nd Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 3-6 April 1998)
- 1st Annual Severe Storms and Doppler Radar Conference (Des Moines, IA; 15-16 March 1997)
- Satellite Interpretation Workshop (Houston, TX; 20 October 1987)

Co-Sponsored Sessions/Workshops:

- National Severe Weather Workshop (Norman, OK; 1-3 March 2007)
- National Severe Weather Workshop (Midwest City, OK; 3-4 March 2006)
- National Severe Weather Workshop (Midwest City, OK; 4-5 March 2005)
- Barons Services Broadcast Product Training (Huntsville, AL; 17-19 January 2003)
- UNISYS WSR88D Interpretation Training (Chicago, IL; 19-20 August 1995)
- UNISYS WSR88D Information Dissemination Training (Dallas, TX; 13-14 January 1994)
- Operation Sierra Storm Mountain/Winter Weather Conference (Lake Tahoe, NV; 17-18 Oct 1992)
- Tornado Symposium III (University of Oklahoma; Norman, OK; 2-5 April 1991)

COMET / Meteorology Education and Training (Distance Learning):

- Urban Flooding: It Can Happen in a Flash - 02 May 2005
- Definition of the Mesoscale - 28 April 2007
- Principles of Convection I: Buoyancy and Cape - 28 April 2007
- Skew-T Mastery - 28 April 2007
- The Science of Global Climate Change/Humans - 28 April 2007
- Conceptual Models of Tropical Waves - 20 September 2008
- Weather and Road Management - 21 September 2008
- A Social Science Perspective of Flood Events - 15 April 2006
- Landfalling Fronts and Cyclones - 28 April 2007
- Principles of Convection II: Using Hodographs - 28 April 2007
- The Impact of Weather on Air Traffic Management - 28 April 2007
- Intro to Tropical Meteorology; Ch 3, Remote Sensing - 20 September 2008
- Principles of Convection III: Shear and Convection - 20 September 2008

Federal Emergency Management Agency - Emergency Management Institute (Distance Learning):

- IS-001 - Emergency Program Manager - An Orientation to the Position (1.0 CEU) - 12 September 2004
- IS-022 - Are You Ready? An In Depth Guide to Citizen Preparedness (1.0 CEU) - 30 October 2004
- IS-100 - Introduction to the Incident Command System (1.0 CEU) - 20 September 2008
- IS-230 - Principles of Emergency Management (1.0 CEU) - 18 September 2004
- IS-271 - Anticipating Hazardous Weather & Community Risk (1.0 CEU) - 17 September 2004
- IS-324 - Community Hurricane Preparedness (1.0 CEU) - 29 October 2004
- IS-700 - National Incident Management System (NIMS), An Introduction - 20 September 2008

TEACHING EXPERIENCE

- Senior Lecturer (Adjunct Position) , Department of Geography and the Environment, University of Texas at Austin

Course: GRG301K - Weather and Climate - 3hr Credit (Lower Division/Undergraduate Class)

Fall Semesters, Fall 1988 through Fall 1992; Fall and Spring Semesters, Fall 1993 to Present

Course: GRG333C - Severe and Unusual Weather - 3hr Credit (Upper Division/Undergraduate Class)

Spring Semesters, Spring 1999 to Spring 2004; Fall and Spring Semesters, Fall 2004 to Present

- Instructor, Lifetime Learning Institute (Concordia University), Austin, TX

Course: The Whats and Whys of Weather - Once a Year, 1987 to 2005, 2007 to Present

- Instructor, University of Texas "Informal Classes" (University of Texas Community Education), Austin, TX

Course: The Whats and Whys of Weather - Once a Year, 1992 to 2001, 2004 to Present

- Volunteer Civilian Instructor, Austin Police Department Training Academy, Austin, TX

Course: Severe Weather Recognition and Safety For Law Enforcement - August 1993 to Present

- Coordinate/Supervise KTBC, LCRA, KVUE and KEYE Weather Internship Programs

Course: Weather Office Internship Programs for University Students - 1989 to 2003

- Intensive visitation/speaking in public/private school classrooms as guest Lecturer as part of KVET/KASE, KTBC, LCRA, KVUE and KEYE Weather Office classroom visitation programs (Approximately 40 classroom visits a year)

PUBLICATIONS

- Author, Inclement/Severe Weather and Extreme Temperature/Precipitation/Wind/Pressure Climatology for Austin and South Central Texas (4th Edition), 51pp, November 2006; (3rd Edition), 52pp, June 2003; (2nd Edition), 51pp, June 2000; (1st Edition), 39pp, February 1998.

- Author/Editor, Skywarn - A Guide for National Weather Services Spotters in South Central Texas, (8th Edition), 15pp, 2008; (7th Edition), 15pp, 2004; (6th Edition), 15pp, 2001; (5th Edition), 15pp, 1999; (4th Edition), 15pp, 1997; (3rd Edition), 15pp, 1996; (2nd Edition), 15pp, 1995; (1st Edition), 10pp, 1993 (co-authored with Lou Withrow, Meteorologist in Charge, National Weather Service Office, Austin, TX)

- Author/Editor, Central Texas Law Enforcement Weather Spotting/Information/Safety Handbook (2nd Edition), 8pp, 2001; (1st Edition), 11pp, 1997.

- Author, USA Broadcast Meteorologist/Weathercaster Directory (5th Edition), 52pp, July 1999; (4th Edition), 47pp, July 1998; (3rd Edition), 1997; (2nd Edition), 1996; (1st Edition), 1995;

- Co-Author (with Richard Earl, Geography and Planning, SWTSU), The Weather and Climate of South Central Texas, National Council of Geographic Education San Antonio Meeting Site Guide, p 31-40, 1995.

- Author, Weather and Climate in Austin, Texas , (Central Texas Chapter AMS Brochure), 1994

- Author, A Look at Careers in Meteorology , (Central Texas Chapter AMS Brochure), 1993

BUSINESS INTERESTS

- Manager/Owner, KimCo Meteorological Services

KimCo Meteorological Services provides real time meteorological support for business and commerce including trip and game event weather forecasts for the Texas A&M University Athletic Department.

Certified Observer / Weather Observations for Insurance Purposes (Outdoor Public Venues)

Production Meteorologist, Brandon Schantz Productions, "Fan on the Street" On Line Series, 2007 to Present
Website: <http://max.movies.go.com/dolbroadband/max/fanreviews?aff=noip>

KimCo Meteorological Services was originally established in September 1981 in Bryan/College Station, Texas.

PAPERS PRESENTED

- Presentation/Speaker (Co-Authored with Greg Fishel, WRAL-TV, Raleigh, NC), "The Good, Bad and Ugly - Everything You Need to Know About Surface Weather Observations," 11th Annual Severe Storms and Doppler Radar Conference, Des Moines, IA, 22-24 March 2007.
- Invited Speaker, "NOAA Data Users Forum: Surface Weather and Climate Observations and Data," National Weather Service Training Center, Kansas City, MO, 3-4 June 2004.
- Invited Speaker, "An Update On the AMS Certification Programs" (as past Chair, AMS Ad-Hoc Committee on Recertification), Operation Sierra Storm, South Lake Tahoe, NV, 9-10 January 2002.
- Invited Panel Member, "Working With The Media - A Panel Discussion", National Weather Service Warning Coordination Meteorologist Meeting, San Antonio, TX, .
- Invited Speaker, "An Update On The AMS Certification Programs" (as Chair, AMS Ad-Hoc Committee on Recertification), Certified Consulting Meteorologists Breakfast, AMS Annual Meeting, Albuquerque, NM; January 2001.
- Invited Speaker, "An Update On The AMS Certification Programs" (as Chair, AMS Ad-Hoc Committee on Recertification), Operation Sierra Storm, South Lake Tahoe, NV, 8 January 2001.
- Presentation/Speaker, "ASOS and METARS - What You Need to Know", 3rd Severe Storms and Doppler Radar Conference, Des Moines, IA, 26-28 March 1999.
- Invited Presentation/Speaker, "An Overview of the Central Texas Tornadoes of Tuesday, 27 May 1997" (with co-author Mark Murray), 2nd Severe Storms and Doppler Radar Conference, Des Moines, IA, 3-6 April 1998.
- Invited Presentation/Speaker (with co-authors Mark Murray and Lon Curtis), "A Video Introduction: Media and Storm Spotter Perspective Events (The Jarrell, TX Tornado of May 27 1997: A Radar Perspective)," 28th Conference on Radar Meteorology, American Meteorological Society, Austin, TX, 11 September 1997.
- Invited Presentation/Speaker (with co-author Mark Murray), "The Central Texas Tornado Outbreak of 27 May 1997:" 26th Conference on Broadcast Meteorology, American Meteorological Society, Salt Lake City, UT, 20 June 1997.
- Invited Paper/Speaker, "Employment Opportunities for Broadcast Meteorologists over the Next Decade," 76th Annual Meeting, American Meteorological Society, Atlanta, GA, January 1996
- Paper Session Presentation, "An Operational Severe Weather Preparedness Policy for Small Market Television," American Meteorological Society Radio/TV Weathercasters Conference, Seattle, WA, June 1982
- Second Place Paper Presentation Award, Association of American Geographers Southwestern Regional Meetings (SWAAG), Hot Springs, AR, October 1982, (Paper Presented: "A New Look at Wind Shear - The Crash of Pan Am Flight 759")
- First Place Paper Presentation Award, Association of American Geographers Southwestern Regional Meetings (SWAAG), College Station, TX, October 1979 (Paper Presented: "Severe Weather Occurrences in Arkansas and Their Relationship to Topography")

COMMUNITY AND CIVIC ACTIVITIES

- Member, Austin Police Department Civil Defense Battalion and CERT Volunteer Member
 - Assigned to Bruce Mills, Director of Public Safety and Emergency Management, City of Austin, January 2002 to Present
 - Assigned to Chief Denise Hatch, Austin Bergstrom International Airport Public Safety Department, January 2002 to Present
 - Assigned to Austin/ Travis County Office of Emergency Management as Consulting Meteorologist, January 2005 to Present
- Member, City of Austin Airport Advisory Board (Mayor Kirk Watson Nominee), February 2000 to December 2000
- Volunteer Lecturer/Role Play Participant/Field Sobriety Practicals Volunteer Coordinator, Austin Police Department Training Academy, 1993 to Present
- Advisory Board Member, AIDS Services of Austin, 1991 to 1998
 - Emcee, ASA Annual AIDS Walk, 1993 to 1999
 - Emcee / Co-Host, ASA Annual Viva Las Vegas Casino Night, 1993 to Present
- Advisory Board Member, United Cerebral Palsy of the Capital Area, 1995 to 1999
 - Emcee, UCPCA Bridal Fair, 1996 to 1997
 - Emcee, UCPCA Midnight in Monte Carlo Fundraiser, 1996 to 1997
- Academic/Faculty Advisor, Kappa Sigma Fraternity (Tau Chapter), University of Texas at Austin, 1990 to 1998
- Academic/Faculty Advisor, Pi Kappa Alpha (Beta Mu Chapter), University of Texas, 1998 to Present
- Assisted as Local Co-Host, Children's Miracle Network Radiothon (KVET Radio), June 2005 and May 2006
- Local Co-Host, Children's Miracle Network Telethon (KVUE), June 1988, 1989, 1991, 1992, 1993
- Local Co-Host, Jerry Lewis MDA Telethon (KVUE), September 1984 and September 1987
- Local Co-Host, Cerebral Palsy Telethon (KVUE), January 1985 and January 1986

PROFESSIONAL AWARDS / HONORS / ASSIGNMENTS

- Elected as national Councilor, National Weather Association, 2008 to Present
- Appointed by the National Weather Service to the Texas Flood War Council, October 2007 to Present
- Named as State Coordinator, CoCoRaHS (Community Collaborative Rain, Hail and Snow) Observer Network in Texas, April 2007
- Recognized by Austin City Manager Toby Hammett Futrell, Austin Mayor Will Wynn and the Austin City Council for "your skills as a meteorologist and years of experience handling emergency situations in Austin being invaluable as we managed the situation at the Emergency Operations Center" during the winter storm that affected the city of Austin and south central Texas in January 2007.
- Named to College of Liberal Arts Public Affairs Advisory Committee, University of Texas, 2006.
- Consulting Operational Meteorologist (Assignment), Safety and Security Committee, University of Texas at Austin; November 2005.
- Passed Written Exam and Awarded American Meteorological Society Certified Broadcast Meteorologist (CBM) Certification (Certificate #25); 17 May 2005
- Recognized by 3M Austin Amateur Radio Club for "15 Years of Exceptional Commitment and Leadership in Severe Weather Spotter Education for the Safety of Central Texans" as Program Coordinator - South Central Texas Skywarn 2005 Program; 26 February 2005
- Invited Participant, 1st National Weather and Climate Enterprise Partnership Summit - Developing a National Mesoscale Observing Network: Fundamental Questions (American Meteorological Society); Dallas, TX; 27-28 July 2004
- Member, National Awards Committee, National Weather Association, 2002 to 2004
- Named to Web Page Evaluation Committee, American Meteorological Society, 2004 to Present
- Named to Certified Broadcast Meteorologist (CBM) Implementation Committee, American Meteorological Society, 2003-2004
- Awarded Austin Police Department Civilian Lifesaver Award, 2003
- Recognized for Innovative Use of Instructional Technology, 2000, Tornadoes - A Satellite and Radar Perspective (Computer Learning Web-Based Module), Office of the Provost and the Center for Instructional Technology, University of Texas at Austin; 28 April 2000

- Recognized by 3M Austin Amateur Radio Club for "10 Years of Outstanding Dedication and Leadership in Community Weather Safety Education for Central Texas" as Program Coordinator - South Central Texas Skywarn 2000 Program; 4 March 2000
- Appointed to University Corporation for Atmospheric Research (UCAR) Review Team for the NWS/Storm Prediction Center, Norman, OK, 1998 to 1999
- Awarded "Best Weathercast in Austin - 1998," Austin Chronicle, September 1998
- Received "Outstanding Service by a Broadcast Meteorologist" Award, American Meteorological Society, January 1998
- Named to Oversight Committee, Meteorological Career Guide, American Meteorological Society, May 1997
- Rated "Best Local TV Meteorologist" by Central Texas Directions (Austin Business Trend Survey), 2 December 1996
- Received National Weather Service Special Service Award (Southern Region Headquarters) for "Your dedication to the improvement of National Weather Service products and services as the Chairperson of the Southern Region's Service Enhancement Project Evaluation Committee," November 1996.
- Elected to Board on Continuing Education - 2 Year Term (Commission on Professional Affairs), American Meteorological Society, January 1996 to January 1998.
- Awarded "Best Weathercast in Austin - 1995," Austin Chronicle, September 1995
- Served on Program Committee, Fourth Symposium on Education, 75th Annual Meeting, American Meteorological Society, Dallas, TX; January 1995
- Received National Weather Service Special Service Award in "Recognition and appreciation of services rendered by the Lower Colorado River Authority for the National Weather Service," December 1994
- Received National Weather Service Special Services Award in "Recognition and appreciation of services rendered for the National Weather Service as Program Co-Chairperson of SkyWarn '94," March 1994
- Named Chairperson, Board on Broadcast Meteorology - 1 Year Term (Commission on Professional Affairs), American Meteorological Society, January 1994
- Finalist, 1993 Texas Katie Awards, Weathercast - Major Market Television (KVUE-TV), Dallas Press Club
- Awarded Associated Press 1992 First Place, Best Weathercast / Major Market Television (KVUE-TV), AP Broadcasters of Texas
- Appointment to Ad-Hoc Committee on Local Chapters, American Meteorological Society, 1993 through 1995
- Awarded Kappa Sigma Fraternity National "Manuel Chrysoloras Award," August 1992 for "Exemplary service to the Tau Chapter of Kappa Alpha Fraternity at the University of Texas at Austin as Academic/Faculty Advisor for the 1991-92 Academic Year."
- Awarded "Best Weathercast in Austin - 1992," Austin Chronicle, October 1992
- Elected to Board on Broadcast Meteorology - 3 Year Term (Commission on Professional Affairs), American Meteorological Society, 1992 through 1994
- Served on Organizing Committee, Symposium on Education, 72nd Annual Meetings, American Meteorological Society, Atlanta, GA; January 1992
- Elected to Board on Women and Minorities - 3 Year Term (Education and Manpower Commission), American Meteorological Society, 1991 through 1994
- Awarded "Best Weathercast in Austin - 1991 (Tie)," Austin Chronicle, September 1991
- Awarded Associated Press 1991 Second Place, Best Weathercast in Texas - Division II (KVUE - TV); AP Broadcasters of Texas
- Awarded Associated Press 1990 First Place, Best Weathercast in Texas - Division II (KVUE -TV), UPI Broadcasters of Texas
- Awarded Associated Press 1988 Honorable Mention, Best Weathercast in Texas - Division II (KVUE -TV), AP Broadcasters of Texas
- Awarded National Weather Association's 1988 National Television Broadcaster of the Year, National Weather Association's Annual Meeting, Denver, CO; 19 October 1988
- Awarded United Press International's 1987 Award of Excellence: 1st Place, Best Weathercast in Texas - Division II (KVUE-TV), UPI Broadcasters of Texas

- Elected President, Central Texas Chapter, American Meteorological Society Austin, TX; September 1987 through August 1990
- Elected Vice President, Central Texas Chapter, American Meteorological Society, Austin, TX; September 1986 through August 1987
- Awarded United Press International 1985 Award of Excellence: Outstanding Achievement, Television Weathercast - Division II (KVUE -TV), UPI Broadcasters of Texas
- Granted American Meteorological Society's Radio Weathercast Seal of Approval (Seal #110), October 1985
- Awarded United Press International's 1984 Award of Excellence: 1st Place, Best Weathercast in Texas - Division II (KVUE-TV), UPI Broadcasters of Texas
- Elected Secretary/Treasurer, Central Texas Chapter, American Meteorological Society, August 1986
- Granted American Meteorological Society's Television Weathercast Seal of Approval (Seal #344), September 1984
- Selected Panelist, Media Panel Discussion, Hurricane Awareness '84 Conference, Houston, TX; 16-8 June 1984
- Granted National Weather Association's Television Weathercast Seal of Approval (Seal #8301133); March 1983
- Awarded United Press International's 1983 Award of Excellence: Outstanding Achievement: Television Weathercast / Division III (KBTX-TV) UPI Broadcasters of Texas

CONFERENCE AND WORKSHOPS ATTENDED

- AMS 36th Conference on Broadcast Meteorology, Denver, CO; 25-28 June 2008
- AMS Short Course "Dual-Polarization Weather Radar: Principles and Applications; 24 June 2008
- NWA 12th Annual Severe Storms and Doppler Radar Conference; Des Moines, IA; 27-29 March 2008
- NWS Skywarn 2008 Severe Weather Spotter Training, Austin, TX; 23 February 2008
- NWA 11th Annual Severe Storms and Doppler Radar Conference; Des Moines, IA; 22-24 March 2007
- NWS National Severe Weather Workshop; Norman, OK; 1-3 March 2007
- NWS Skywarn 2007 Severe Weather Spotter Training, Austin, TX; 10 February 2007
- NWA 10th Annual Severe Storms and Doppler Radar Conference; Des Moines, IA; 23-25 March 2006
- NWS National Severe Weather Workshop; Midwest City, OK; 3-4 March 2006
- NWS Skywarn 2006 Severe Weather Spotter Training, Austin, TX; 14 January 2006
- AMS 33rd Conference on Broadcast Meteorology, Washington, DC; August 2005
- AMS Short Course "Climate and the Media: Understanding and Communicating Climate Variability and Change "; Washington, DC; 31 July 2005
- NWA 9th Annual Severe Storms and Doppler Radar Conference; Des Moines, IA; 31 March - 2 April 2005
- NWS National Severe Weather Workshop; Midwest City, OK; 4-5 March 2005
- NWS Skywarn 2005 Severe Weather Spotter Training, Austin, TX; 26 February 2005
- AMS Short Course "Forensic Meteorology - Principles, Practices and Procedures"; San Diego, CA; 9 January 2005
- AMS Short Course "What Kind of Storms Will We Have Today? Analyzing Thermodynamic Diagrams, Models, Radar"; New Orleans, LA; 14 June 2004
- NWA 8th Annual Severe Storms and Doppler Radar Conference; Des Moines, IA; 25-27 March 2004
- NWS Skywarn 2004 Severe Weather Spotter Training, Austin, TX; 28 February 2004
- AMS 32nd Conference on Broadcast Meteorology, Seattle, WA; August 2003
- NWA 7th Annual Severe Storms and Doppler Radar Conference, Des Moines, IA; 27-29 March 2003
- NWS Skywarn 2003 Severe Weather Spotter Training, Austin, TX; February 2003
- NWA 6th Annual Severe Storms and Doppler Radar Conference, Des Moines, IA; 21-23 March 2002
- NWS Skywarn 2002 Severe Weather Spotter Training, Austin, TX; 23 February 2002
- AMS 30th Conference on Broadcast Meteorology, Minneapolis, MN; June 2001
- AMS Short Course "Severe Weather Forecasting in the New Millennium for Broadcast Meteorologists," Minneapolis, MN; June 2001
- NWA 5th Annual Severe Storms and Doppler Radar Conference, Des Moines, IA; 29-31 March 2001
- NWS Skywarn 2001 Severe Weather Spotter Training, Austin, TX; 3 March 2001
- AMS 29th Conference on Broadcast Meteorology, San Francisco, CA; June 2000
- AMS Short Course "Understanding and Using The "Imagery," in Satellite Imagery," San Francisco, CA; June 2000
- NWA 4th Annual Severe Storms and Doppler Radar Conference, Des Moines, IA; 31 March-2 April 2000
- NWS Skywarn 2000 Severe Weather Spotter Training, Austin, TX; 4 March 2000
- AMS 28th Conference on Broadcast Meteorology, Orlando, FL; 21-23 June 1999
- AMS Short Course "Workshop on Remote Sensing: Radar and Satellite Applications for the Broadcast Meteorologist," Orlando, FL; 20 June 1999
- NWA 3rd Annual Severe Storms and Doppler Radar Conference, Des Moines, IA; 26-28 March 1999
- NWS Skywarn '99 Severe Weather Spotter Training, Austin, TX 6 March 1999
- AMS 79th Annual Meetings, Dallas, TX, 10-15 January 1999
- AMS 27th Conference on Broadcast Meteorology, St. Louis, MO, 17-20 June 1998
- NWA 2nd Annual Severe Storms and Doppler Radar Conference, Des Moines, IA; 3-6 April 1998
- NWS Skywarn '98 Severe Weather Spotter Training, Austin, TX, 7 March 1998
- AMS 78th Annual Meetings, Phoenix, AZ, 11-15 January 1998
- AMS 28th Conference on Radar Meteorology, Austin, TX; 7-12 September 1997

- AMS 26th Conference on Broadcast Meteorology, Salt Lake City, UT; 18-21 June 1997
- NWA 1st Annual Severe Storms and Doppler Radar Conference, Des Moines, IA; 15-16 March 1997
- NWS Skywarn`97 Severe Weather Spotter Training, Austin, TX; 1 March 1997
- AMS Short Course "Back to the Future - Old and New Forecasting Techniques," Boston, MA; 9 June 1996
- AMS 25th Conference on Broadcast Meteorology, Boston, MA; 20-22 June 1996
- NWS Skywarn`96 Severe Weather Spotter Training, Austin, TX; 2 March 1996
- AMS 76th Annual Meetings, Atlanta, GA, 28 January - 1 February 1996
- UNISYS WSR88D Interpretation Training Seminar, Chicago, IL; 19-20 August 1995
- NWS Skywarn`95 Severe Weather Spotter Training, Austin, TX; 4 March 1995
- NWS Skywarn`95 Severe Weather Spotter Training, Waco, TX; 25 February 1995
- AMS Short Course "GOES I-8 and Numerical Weather Prediction," Dallas, TX; 15 January 1995
- AMS 24th Conference on Broadcast Meteorology, Dallas, TX; 15-18 January 1995
- AMS 75th Annual Meetings, Dallas, TX; 15-29 January 1993
- NWS Skywarn`94 Severe Weather Spotter Training, Austin, TX; 6 March 1994
- NWS Skywarn`94 Severe Weather Spotter Training, Comanche, TX; February 1994
- AMS 74th Annual Meetings, Nashville, TN; 22-27 January 1994
- UNISYS WSR88D Information Dissemination Service Training, Dallas, TX; 13-14 January 1994
- AMS 23rd Conference on Broadcast Meteorology, Charleston, SC, 29 June - 1 July 1993
- AMS Short Course "When Disaster Strikes - Are We Prepared to Cope? Awareness, Preparedness and Education," Charleston, SC; 28 June 1993
- NWS Skywarn`93 Severe Weather Spotter Training, Austin, TX; 6 March 1993
- AMS 73rd Annual Meeting, Anaheim, CA; 17-22 January 1993
- NWS Operation Sierra Storm, Mountain Winter Weather Conference, Lake Tahoe, NV; 17-18 October 1992
- AMS 22nd Conference on Broadcast Meteorology, San Diego, CA, 11-13 June 1992
- AMS Short Course "The Use and Interpretation of WSR88D/NEXRAD Products Available to the Media and Others," San Diego, CA; 10 June 1992
- NWS Skywarn`92 Severe Weather Spotter Training, Austin, TX; 7 March 1992
- Tornado Symposium III, University of Oklahoma, Norman, OK; 2-5 April 1991
- NWS Skywarn`91 Severe Weather Spotter Training, Austin, TX; 23 March 1991
- NWS TV/Radio Weathercasters Workshop, National Severe Storms Forecast Center, Kansas City, MO; 15-16 March 1991
- AMS 71st Annual Meeting, New Orleans, LA; 13-15 January 1991
- AMS 20th Conference on Broadcast Meteorology, Boulder, CO; 21-24 June 1990
- AMS Short Course, "NEXRAD Applications and the Media," Boulder, CO; 20 June 1990
- NWS TV/Radio Weathercasters Workshop, National Severe Storms Laboratory, Norman, OK; 23-24 March 1990
- NWS TV/Radio Weathercasters Workshop, National Severe Storms Forecast Center, Kansas City, MO; 10-11 March 1989
- NWS Skywarn`89 Severe Weather Spotter Training, Koppel, TX; February 1989
- NWA Annual Meetings, Denver, CO; 19 October 1988
- AMS Short Course "Radar and Satellite Data Applications to Mesoscale Meteorology," Chicago, IL; 16 June 1988
- NWS Skywarn Advanced Severe Storm Spotter Training, Denton, TX; 21 March 1988
- NWS TV/Radio Weathercasters Workshop, National Severe Storms Laboratory, Norman, OK; 19 March 1988
- FAA/NWS 2nd Annual Aviation Problems Seminar - Low Level Wind Shear, San Antonio, TX; 2-3 December 1987
- NWA Satellite Interpretation Workshop, Houston, TX; 20 October 1987
- AMS Short Course "Use of Numerical Weather Prediction Guidance and Weather Satellite Imagery by Broadcast Industry," Reno, NV; 25 June 1987
- AMS 17th Conference on Broadcast Industry, Reno, NV; 25-28 June 1987
- NWS TV/Radio Weathercasters Workshop, National Severe Storms Forecast Center, Kansas City, MO; 6-7 March 1987
- AAG Southwestern Association of American Geographers Fall Meeting, San Marcos, TX; 25-26 September 1986
- NWS Gulf Coastal Users Conference, New Orleans, LA; 10-11 September 1986
- AMS 14th Conference on Severe Local Storms, Indianapolis, IN; 29 October - 1 November 1985
- NWS Regional Users Conference, NWS/Southern Region Headquarters, Fort Worth, TX; 19-20 September 1985
- NWS Severe Weather Workshop, San Antonio, TX; 12 February 1985
- Hurricane Awareness Conference '84, Institute for Storm Research University of St. Thomas, Houston, TX; 6-8 June 1984
- NWS Advanced Severe Storms Spotter Training, Garland, TX; February 1984
- AMS 13th Conference on Severe Local Storms, Tulsa, OK; 17-20 October 1983
- AMS 5th Conference on Hydrometeorology, Tulsa, OK; 17-20 October 1983
- NWS Advanced Severe Storms Spotter Training, Garland, TX; February 1983
- AAG Southwestern Association of American Geographers Fall Meeting, Hot Springs, AR; October 1982
- AMS 12th Conference on Weathercasting (Radio and TV), Seattle, WA; 25-27 June 1982
- AAG Annual Meetings, San Antonio, TX; 25-28 April 1982
- AMS Annual Meetings, San Antonio, TX; 12-15 January 1982
- AMS 12th Conference on Severe Local Storms, San Antonio, TX; 12-15 January 1982
- NWS TV Weathercasters Workshop, National Severe Storms Forecast Center, Kansas City, MO; March 1981
- NWS Severe Storms Spotter Training, San Antonio, TX; 26 January 1981
- AMS 10th Conference on Weathercasting (Radio/TV), Denver, CO; 14-15 June 1980
- AAG Southwestern Association of American Geographers Fall Meetings, College Station, TX; October 1979
- AMS 11th Conference on Severe Local Storms, Kansas City, MO; 2-5 October 1979
- NWS TV Weathercasters Workshop, National Severe Storms Forecast Center, Kansas City, MO; March 1979

Abbreviations for Professional Affiliations/Groups:

NWS - National Weather Service AMS - American Meteorological Society
 NWA - National Weather Association FAA - Federal Aviation Administration AAG - Association of American Geographers