Annual Division Meeting
Association of American Geographers
Southwestern Division
Norman, Oklahoma
October 25-28, 2006

Hosted by the University of Oklahoma

Department of Geography
Fred M. Shelley, Chair

College of Atmospheric and Geographic Sciences
John T. Snow, Dean

Center for Spatial Analysis
May Yuan, Director

Environmental Verification and Analysis Center
J. Scott Greene, Director

Oklahoma Alliance for Geographic Education
Gary Gress, Coordinator

Association of Geography Graduate Students
Adrienne Proffer, President

Geography Club
Lucas Baze, President

Officers of the Southwestern Division
John P. Tiefenbacher, Texas State University—San Marcos, Chair
Michael Yoder, Texas A&M International University, Secretary
Sarah W. Bednarz, Texas A&M University, Treasurer
Craig E. Colten, Louisiana State University, Regional Division Councillor

Executive Committee of the Association of American Geographers
Kavita Pandit, University of Georgia, President
Thomas J. Baerwald, National Science Foundation, Vice President
Ines Miyares, City University of New York, Secretary
Kirstin Dow, University of South Carolina, Treasurer
Richard A. Marston, Kansas State University, Past President
Douglas B. Richardson, Executive Director
Wednesday, October 25
7:00 – 9:00 p.m.

**Welcoming Reception**
Sooner Hotel Cottage (Cottage number to be announced)

Thursday, October 26
8:30 – 9:50 a.m.

**Session 111**
**Geographic Education**
Room: Conference Room A

Chair: **R. Eugene Earsom**, Oklahoma Alliance for Geographic Education

8:30 **Nikki Williams**, Tavia Prouhet, Joni Kincaid, Adriana Martinez, Michelle Simms, and **Russell Evans**, Texas A&M University, *Growing a Global Perspective: Utilizing Graduate Students as Scientists in the Classroom*

8:50 **Stephen O’Connell**, Oklahoma State University, *Exploring with GK-12: Using Geographic Information Science in Secondary Education*

9:10 **Darrel L. McDonald**, David Barfield and LaRied Oates, Stephen F. Austin State University, *How Large is a Rural Block? An Integrated Approach to Education and Training Among Students and Community Professionals*

9:30 **Dalynda Evans**, University of Oklahoma, *Encouraging Geography Faculty and Students to Participate in International Educational Programs*

Thursday, October 26
8:30 – 9:50 a.m.

**Session 112**
**Panel Discussion: Ph.D. Students’ Perspective on Ph.D. Education in Geography**
Room: A2/4/6

Sponsors: Association of American Geographers, EDGE Project
University of Oklahoma, Association of Geography Graduate Students

Organizer and Chair: **Bodo Kubartz**, University of Oklahoma

Panelists: **Bodo Kubartz**, University of Oklahoma
**Franklin Heitmuller**, University of Texas at Austin
**Joni Kincaid**, Texas A&M University
**Aswin Subanthore**, Oklahoma State University

Thursday, October 26
8:30 – 9:50 a.m.

Session 113
Geography of China
Room: B2/4

Chair: Jeffrey Lash, University of Houston at Clear Lake

8:30 Li Li, Texas A&M University, Spatial Differentiation and Driving Mechanisms of Urban Sprawl in Shenzhen

8:50 Shujuan Li, Texas A&M University, Does Urban Planning Matter? A Case Study of Shenzhen, China

9:10 Xueqin (Elaine) He, Texas State University—San Marcos, The Socioeconomic Vulnerability of Rural to Urban Temporary Migrants in China

9:30 Yipeng Wang, Texas A&M University, Environmental Impacts of the Qinghai-Tibet Railway: An Initial Exploration

Thursday, October 26
8:30 – 9:50 a.m.

Session 114
Geographic Information Science
Room: B3/5

Chair: Tarek Rashed, University of Oklahoma

8:30 Mang Lung Cheuk, University of Oklahoma, Characterizing Spatial Uncertainty of 3D Building Model for Urban Atmospheric Dispersion Modeling

8:50 Hongbo Yu, Oklahoma State University, A 3D GIS Approach of Implementing the Space-time Prism Concept

9:10 Yin Luo and Michael A. Urban, University of Missouri—Columbia, Assessing Altered Flood Hazards in the Poyang Lake Region: A Remote Sensing Study

9:30 Zengwang Xu, Texas A&M University, Spatial Dimensions of Complex Network Modeling
Thursday, October 26  
8:30 – 9:50 a.m. 

Session 115  
Poster Session: Environmental Geography  
Room: A3/5 

Christy Batterson and Bruce Hoagland, University of Oklahoma, *Upland Forest Vegetation on the Ozark Plateau, Cherokee County, Oklahoma*

Anthony M. Filippi and Lei Meng, Texas A&M University, *Autonomous Endmember Identification for Remote-Sensing Assessment of Hurricane-Induced Vegetation Damage*

Dustin Howard and May Yuan, University of Oklahoma, *Modeling Weather Radar Terrain Occultation using GIS*

Adriana Martinez, Texas A&M University, *Sediment Dynamics of an Impounded River: Yegua Creek, Texas*

Kent M. McGregor, University of North Texas, *Inside the Texas-Oklahoma Drought of 2005-2006*

Jeremy Odenwald, Oklahoma State University, *Testing the Effectiveness and Efficiency of a Local Irrigation Network in Morocco*
Thursday, October 26
10:00 – 11:20 a.m.

Session 121
Panel Discussion: Technology in the Classroom
Room: Conference Room A

Sponsors: Geography Faculty Development Alliance
National Council for Geographic Education

Chair: Brad Bays, Oklahoma State University

Panelists: Brad Bays, Oklahoma State University
Amanda Coleman, University of Oregon
Jeffrey Lash, University of Houston—Clear Lake
Marco Micozzi, East Central University

Thursday, October 26
10:00 – 11:20 a.m.

Session 122
Panel Discussion: Advanced Placement Human Geography
Room: A2/4/6

Organizer and Chair: Gary Gress, Norman High School and University of Oklahoma

Panelists: Gary Gress, Norman High School and University of Oklahoma
Sarah Bednarz, Texas A&M University
Darren Purcell, University of Oklahoma

Thursday, October 26
10:00 – 11:20 a.m.

Session 123
Sports and Food
Room: B2/4

Chair: Theodore L. Goudge, Northwest Missouri State University

10:00 Theodore L. Goudge, Northwest Missouri State University, A Spatial Analysis of Big 12 Football Blue Chips, 1996-2006

10:20 Jennifer L. Beste, Northwest Missouri State University, Digging It: A Geographical Analysis of Women’s Major College Volleyball

10:40 Paul L. Butt, University of Central Arkansas, Food-Place Associations: A Classification.
11:00 Donald J. Huebner, University of Texas at Austin, *Texas Bar-B-Que: Melding of Place and Ethnicity*

Thursday, October 26
10:00 – 11:20 a.m.

Session 124
Geomorphology and Physical Systems
Room: B3/5

Chair: Douglas J. Sherman, Texas A&M University

10:00 Songgang Gu and Hongxing Liu, Texas A&M University, *Derivation of Beach Attributes From High-Resolution Aerial Photos for Oahu Island*

10:20 Eugene J. Farrell and Douglas J. Sherman, Texas A&M University, *Using Scaled Models in Aeolian Geomorphology*

10:40 Bailing Li and Douglas J. Sherman, Texas A&M University, *Density and Kinematic Viscosity Equivalence: Preliminary Research on Aeolian Sediment Dynamics Under different Air Temperature, Pressure and Humidity Conditions*

Thursday, October 26
10:00 – 11:20 a.m.

Session 125
Poster Session: Student Poster Competition
Room: A3/5

Bharati Ayyalasomayajula, Texas State University—San Marcos, *Mumbai Monsoon Floods 2005*

Stacey Brown, Oklahoma State University, *Emergency Shelters and Socially Vulnerable Populations*

Franklin T. Heitmuller, University of Texas at Austin, *Downstream Variability in Channel Morphology of the Llano River, Central Texas*


Alexandra Myers, University of Texas at Austin, *Evaluating Remediation Effectiveness with an All-Scenarios Matrix*

Jiao Wang, Texas State University—San Marcos, *Monitoring Temporal and Spatial Built-up Urban Expansion by Remote Sensing in Shenyang City, China*
**Cody Wiley**, University of New Mexico, *Eagle Vision: Lessons Learned in Helping Teachers Use GIS*

**Suzi Wiseman**, Texas State University—San Marcos, *The Motivation for a Global Hydrogen Fuel Economy*

Thursday, October 26
11:30 a.m. – 1:00 p.m.

Lunch, Center for Continuing Education
Box lunches, water, and soft drinks to be provided

Thursday, October 26
1:00 p.m. – 2:20 p.m.

**Session 131**
**Special Session: Student Paper Competition Finalists I**
Room: Conference Room A

Chair: **Olen Paul Matthews**, University of New Mexico

1:00 **Dustin Howard**, University of Oklahoma, *Invasive Construction: Militaristic Metaphors, Domination and Nature’s Stewards*

1:20 **Courtney Harmon**, Texas A&M University, *Geomorphology and Dynamics of Desert Pavements, Big Bend National Park, TX*

1:40 **Jennifer Miller**, University of Texas at Austin, *Southern Two-Lined Salamanders in an Urbanizing Area: Their Fate and a New GIS Classification Technique*

2:00 **Wendy Patzewitsch**, Texas A&M University, *The Challenge and Response of Water Management: A Case Study of Fire Prevention in the Central Business District*

Thursday, October 26
1:00 p.m. – 2:20 p.m.

**Session 132**
**Panel Discussion: Preparing for a Career in Geography**
Room: A2/4/6

Sponsor: University of Oklahoma Geography Club

Chair: **Charles Ziehr**, Northeastern State University

Panelists: **Charles Ziehr**, Northeastern State University  
**Heather Donner**, Oral Roberts University  
**Chad Landgraf**, Oklahoma State University Center for Rural Health
R. Fenton Rood, Oklahoma Department of Environmental Quality
Jennifer Saint Sterling, Mayor's Beautification Program, Tampa, Florida

Thursday, October 26
1:00 p.m. – 2:20 p.m.

Session 133
Pre-Modern Historical Geography
Room: B2/4

Chair: Rebecca Sheehan, Oklahoma State University

1:00 Lucas Baze, University of Oklahoma, *The Little Ice Age and the Spiro Mound Culture.*

1:20 Michael J. Lynch III, University of Arkansas at Pine Bluff, *Dorf, Furt, Stadt: Contemporary Examples of Haufendörfer Development in Germany*

1:40 Emily Duda, University of Oklahoma, *Love in the Wilderness: Forest and Courtly Landscapes in the Lais of Marie de France*

2:00 K. Maria D. Lane, University of New Mexico, *High Science: Mountain Geography in Astronomical Debates*

Thursday, October 26
1:00 p.m. – 2:20 p.m.

Session 134
Water Resources and Coastal Geography
Room: B3/5

Chair: Aondover Tarhule, University of Oklahoma

1:00 Indumathi Srinath, Texas A&M University, *Changing land use and water quality in the Vaddarahalli Watershed, Bangalore, India*

1:20 Rachel E. Turney-Work, University of Oklahoma, *Dendroclimatic Reconstructions for the Arbuckle-Simpson Aquifer to Facilitate Sustainable Water Use Strategies*

1:40 Aondover Tarhule and Joseph Zume, University of Oklahoma, *Statistical Analysis of a 300-Year Hydroclimatic Time Series of the Arbuckle-Simpson Aquifer Based on Tree Rings*
2:00 Frank Hopf, Jr., Texas A&M University, *Coastal Geomorphology and the Aeolian Process Section of the Coastal Engineering Manual*

---

Thursday, October 26
1:00 p.m. – 2:20 p.m.

**Session 135**  
**Poster Session: Human Geography**  
Room: A3/5

**Eric Burley** and **Nicholas Benson**, University of Oklahoma, *The Diffusion of U.S. National Parks*

**Jonathan C. Comer** and **Thomas A. Wikle**, Oklahoma State University, *Global Patterns of Cell Phone Penetration and Diffusion*


**Diana Hinson**, Oklahoma State University, *A Regional Study of Urban Areas that Compost Organic Waste*

**Adriana Martinez**, **Tavia Prouhet**, **Joni Kincaid**, **Nikki Williams**, **Michelle Simms**, and **Russell Evans**, Texas A&M University, *Graduate Student to Scientist: Enhancing Graduate Studies Through Public School Interaction*

**Brad W. Watkins** and **Jean Aresco**, Oklahoma State University, *Classroom Connections: Global Positioning System Technology for Cross-Curriculum Education*

**Leslie Wilson**, Texas A&M University, *Misconceptions in Human Geography: Students’ Understanding of Change*

---

Thursday, October 26
2:30 p.m. – 3:50 p.m.

**Session 141**  
**Special Session: Student Paper Competition Finalists II**  
Room: Conference Room A

Chair: **Sarah Bednarz**, Texas A&M University

2:30 **Lisa J. Powell**, University of Texas at Austin, *Tourism and Nature in Gateway Communities to Great Smoky Mountains National Park*

2:50 **Amanda Coleman**, University of Oregon, *The Visual Production of the South and Southerners in Photographs of the Farm Security Administration: Stories of Region and Redemption.*
3:10 **Drew Bennett**, University of Texas at Austin, *Indigenous Land Use and Livelihood Transitions in the Sumaco Biosphere Reserve, Ecuador*


Thursday, October 26
2:30 p.m. – 3:50 p.m.

**Session 142**
Panel Discussion: Application and Admission to Graduate School in Geography
Room: A2/4/6

Sponsors: University of Oklahoma Geography Club
University of Oklahoma Association of Geography Graduate Students

Chair: **Leo Zonn**, University of Texas at Austin

Panelists: **Leo Zonn**, University of Texas at Austin
**Alexandra Myers**, University of Texas at Austin
**Kavita Pandit**, University of Georgia
President, Association of American Geographers
**Janel Spaulding**, Southern Illinois University—Carbondale

Thursday, October 26
2:30 p.m. – 4:10 p.m.

**Session 143**
Conflict and Development in Eurasia
Room: B2/4

Chair: **Erik Prout**, Texas A&M University

2:30 **Kathryn M. Lucchese**, Texas A&M University, *Modeling the Meaning of Place Using Continuums of Scale*

2:50 **Darren Purcell**, University of Oklahoma, *The Diffusion of E-Governmentality in Europe*

3:10 **Alpan Risvanoglu**, University of Oklahoma, *Recreation and Leisure Spaces in Istanbul*

3:30 **William C. Rowe**, Louisiana State University, *Post-Conflict Development in Western Afghanistan: A Preliminary Assessment*
3:50 Bella Bychkova Jordan, University of Texas at Austin, *Diamonds vs. Oil: Dilemma of the Sakha Republic (Yakutia) Future Development*

Thursday, October 26
2:30 p.m. – 4:10 p.m.

**Session 144**

**Vegetation Dynamics I**

Room: B3/5

Chair: Bruce Hoagland, University of Oklahoma

2:30 Lacy Isom, University of Oklahoma, *Spatial Heterogeneity and Species Richness in the Mixedgrass Prairie, Ellis County, Oklahoma*

2:50 Lacy Jo Burgess, University of Oklahoma, *Invasive Species Dynamics Along a Stretch of the Canadian River in Norman, Cleveland County, Oklahoma*

3:10 Serena Aldrich and Charles W. Lafon, Texas A&M University, and Henri D. Grissino-Mayer and Georgina D. Wight, University of Tennessee, *Fire History and Stand Dynamics of Table Mountain Pine Forests on Mill Mountain, Virginia*

3:30 Jennifer A. Hoss and Charles W. Lafon, Texas A&M University, and Henri D. Grissino-Mayer and Georgina D. Wight, University of Tennessee, *Rekindling the Flame: Reconstructing a fire history for Peters Mountain, Giles County, Virginia*

3:50 Priscilla H. C. Crawford and Bruce W. Hoagland, University of Oklahoma, *Can Herbarium Records Be Used to Map Plant Invasion Over the Past 100 Years?*

Thursday, October 26
3:30 – 5:00 p.m.

**Tour, National Weather Center**

National Weather Center
120 David L. Boren Boulevard, Norman

Thursday, October 26
4:30 – 6:30 p.m.

**Volleyball Tournament**

Reaves Park
Northeast corner of Jenkins and Constitution, Norman

Sponsor: University of Oklahoma Geography Club

Thursday, October 26
5:00 – 7:00 p.m.
Informal Conversation: Hospitality Suite Open
Sooner Hotel Cottage (Cottage number to be announced)

Thursday, October 26
7:00 – 9:30 p.m.

University of Oklahoma Geography Alumni Reunion Dinner
Legend’s Restaurant
1313 West Lindsey, Norman

Thursday, October 26
7:30 – 9:30 p.m.

Student Dinner
Open to undergraduate and graduate students at all universities (Dutch treat, cash bar)
Venue to be announced

Friday, October 27
8:30 a.m. – 9:50 a.m.

Session 211
Panel Discussion: Balancing Work and Family
Room: Conference Room A

Sponsor: Geography Faculty Development Alliance

Chair: J. Scott Greene, University of Oklahoma

Panelists: J. Scott Greene, University of Oklahoma
Michelle Bussemey, Texas State University—San Marcos
Robert Kerr, University of Central Oklahoma
K. Maria D. Lane, University of New Mexico

Friday, October 27
8:30 a.m. – 9:50 a.m.

Session 212
Political Geography and Policy
Room: A2/4/6

Chair: Dennis K. Ehrhardt, University of Louisiana-Lafayette

8:30 Olen Paul Matthews, University of New Mexico, The Commerce Clause, Navigation and Federal Power over Water

8:50 Miguel de Oliver, University of Texas at San Antonio, Democratic Imperialism: Keeping Perspective in the Era of Democracy’s International Triumph
9:10 **Dennis K. Ehrhardt**, University of Louisiana-Lafayette, *Spatial Vulnerability of Our Air and Water Transportation Systems in the Era of Global Terrorism*

9:30 **Todd Reynolds**, University of Oklahoma, *A Dualism in the Production of Difference*

Friday, October 27
8:30 a.m. – 9:50 a.m.

**Session 213**
**Oklahoma Cultural and Historical Geography**
Room: B2/4

Chair: **Richard L. Nostrand**, University of Oklahoma

8:30 **Brad W. Watkins**, Oklahoma State University, *Piecing Together the Past: Public Land Surveys and Landscape Reconstruction of the Choctaw Nation, Indian Territory, 1894-1898*

8:50 **Gregory Plumb**, East Central University, *The Murals of Oklahoma*

9:10 **John Milbauer**, Northeastern State University, *Courthouse Squares in Oklahoma*

9:30 **Robert Newcomer**, East Central University, *Ethnic Change and Cultural Adaptation in One Oklahoma Town*

Friday, October 27
8:30 a.m. – 9:50 a.m.

**Session 214**
**Special Session: Nature and Conservation**
Room: B3/5

Organizer and Chair: **Andrew Millington**, Texas A&M University

8:30 **Andrew Millington**, Texas A&M University, *Considering Conservation when Forests Fragment*

8:50 **Danny Redo**, Texas A&M University, *Park Performance and Usage in the Bolivian Chaco from a Human-Environment Perspective*

9:10 **Abhineety Goel**, Texas A&M University, *Human Impact and Indigenous Knowledge on Biodiversity in Rajaji National Park*

Friday, October 27
8:30 a.m. – 9:50 a.m.
Session 215
Special Poster Session: AP Human Geography Posters (Cultural Geography)
Room: A3/5

Organizer: Gary Gress, Norman High School and University of Oklahoma

Paden Beckwith, Norman High School, Extremism within America: Is There a Threat?
Tessa Breder, Norman High School, Swedish Finns: A Culture Within a Culture
Lindy Guan, Norman High School, Quebec Culture and Language: The Future of Quebec Separatism
Maria Kenney, Norman High School, Frequency of Various Housing Styles in Norman, Oklahoma
Keisha Lambeth and Kateri Zapp, Norman High School, Overseas Chinese
Anna Noichl, Norman High School, Esperanto: Can It Survive?
Christina Smith and Khadeeja Elyazgi, Norman High School, Anti-Americanism and Public Diplomacy in Middle East, Europe, and Asia
Nick Vick, Norman High School, Mexican Immigration

Friday, October 27
10:00 – 11:20 a.m.

Session 221
Special Session: Weather and Society
Room: Conference Room A

Sponsor: Weather and Society—Integrated Studies (WAS*IS) Project

Organizer and Chair: Carlie Lawson, University of Oklahoma

10:00 Somer Erickson, University of Oklahoma, Tornado Warning Statistics: A Different Perspective

10:20 Eve Gruntfest and Steven Radil, University of Colorado at Colorado Springs, Flash Flood and Tornado Warning Perceptions: A Summary of Research Findings and Directions for Future Research

10:40 Carlie Lawson and Mark Meo, University of Oklahoma, The Fire Danger Model and the Mesonet – The Underutilized Benefit of IT Software in Oklahoma's Drought Planning and Management
Friday, October 27
10:00 – 11:20 a.m.

Session 222
Urban Analysis
Room A2/4/6

Chair: Donald Lyons, University of North Texas

10:00 Chris Leonard and Donald Lyons, University of North Texas, Measuring the Impact of Rail Transit on Surrounding Property Values in Dallas County: A Hedonic Approach

10:20 Pamela Skraastad Jurney, Oklahoma State University, The Spatial Equity of Parks in the Oklahoma City Metropolitan Area

10:40 Aya Oda, Texas A&M University, College Students’ Cognitive Representations of a City: A Case Study in Bryan and College Station, Texas

11:00 Michael Seman and Donald Lyons, University of North Texas, More Buildings about Songs and Food: A Case Study of Omaha’s Slowdown Project

Friday, October 27
10:00 – 11:20 a.m.

Session 223
Place, Culture, and Landscape
Room: B2/4

Chair: Leo Zonn, University of Texas at Austin

10:00 Rebecca Sheehan, Oklahoma State University, Order and Disorder in New Orleans: Jackson Square in its Making and Doing

10:20 Jennifer Speights-Binet, University of Houston at Clear Lake, Monument and Memory: The Huey Long Legacy and the Construction of the Louisiana State Capitol

10:40 Hayden Roberts, University of Oklahoma, Virtual Representations of Space and Their Impact on Cultural Relations to Place

11:00 Kevin Romig, Texas State University—San Marcos, and Alex Feidler, University of North Dakota, Therapeutic Landscape? Contextualizing Methamphetamine in North Dakota
10:00 – 11:20 a.m.

Session 224
Vegetation Dynamics II
Room: B3/5

Chair: Steve Stadler, Oklahoma State University

10:00 Nathan Currit, Texas State University—San Marcos, Indirect Methods of Measuring Leaf Area Index

10:20 Yuhong He and Xulin Guo, University of Saskatchewan, and John Wilmshurst, Parks Canada, A comparison of different methods of measuring LAI in the mixed grassland

10:40 William T. Flatley, Texas A&M University, and Carolyn A. Copenheaver, Virginia Polytechnic Institute and State University, Successive Land Surveys as Indicators of Vegetation Change in an Agricultural Landscape

11:00 Richard Mbatu, Oklahoma State University, Measuring the Rate of Forest Loss in Cameroon: Case Studies of the Limbe/Buea and Bertoua Regions

Friday, October 27
10:00 – 11:20 a.m.

Session 225
Special Poster Session: AP Human Geography Posters (Environmental and Economic Geography)
Room: A3/5

Organizer: Gary Gress, Norman High School and University of Oklahoma

Austin Harris, Norman High School, Is "Tornado Alley" Still Tornado Alley?

Melissa Hembera, Norman High School, Energy Potential That’ll Blow You Away

Wesley Jones, Norman High School, Outsourcing and Its Effects on Child Exploitation

Mahfuz Kabir, Norman High School, The New World Economic Order

Tait Nilsson, Norman High School, Taking It To the Limit: Global Overfishing.

Jack Renfroe, Norman High School, The Geography of High-Speed Rail in the U.S.

Stefan Terrell and James Horne, Norman High School, Alternative Fuel Sources For Cars
David R. Westrop, Norman High School, *Climate Change and Biodiversity: A Review of the Plight of the Polar Bear (Ursus maritimus)*

Friday, October 27
11:30 a.m. – 1:15 p.m.
Lunch, Center for Continuing Education Commons

Speaker: Kavita Pandit, University of Georgia
President, Association of American Geographers
*Internationalization and Geography*

Friday, October 27
1:30 p.m. – 2:50 p.m.

Session 231
Panel Discussion: Toward Healthy Geography Departments
Room: Conference Room A

Sponsor: Association of American Geographers, Healthy Departments Initiative

Organizer and Chair: Richard A. Marston, Kansas State University
Past President, Association of American Geographers

Panelists: Richard A. Marston, Kansas State University
Past President, Association of American Geographers
Thomas J. Baerwald, National Science Foundation
Vice President, Association of American Geographers
Kenneth E. Foote, University of Colorado
Carol Harden, University of Tennessee
John T. Snow, University of Oklahoma
Dean, College of Atmospheric and Geographic Sciences

Friday, October 27
1:30 p.m. – 2:50 p.m.

Session 232
A Tribute to Dr. Gary Thompson
Room: A2/4/6

Organizer and Chair: Jeroen Wagendorp, Grand Valley State University

1:30 Sean Terry, Drury College, Gary Thompson: A Man of Vision and Compassion in Geography

1:50 Jeroen Wagendorp, Grand Valley State University, Geography Induced Efficiencies in Operational Aspects of Local Governments in Michigan
2:10 Binita Sinha, Diablo Valley College, The Influence of School Quality on Residential Real Estate

Friday, October 27
1:30 p.m. – 2:50 p.m.

Session 233
Environmental Analysis
Room: B2/4

Chair: Nathan Currit, Texas State University—San Marcos

1:30 Shinichi Kobara and William D. Heyman, Texas A&M University, Caribbean-wide Geospatial Analysis of the Location of Transient Reef Fish Spawning Aggregation Sites

1:50 Michelle Bussemey, Texas State University—San Marcos, Analysis Through the Use of Repeat Photography of the Impact from the reconstruction of the Rio Vista Dam on the San Marcos River

2:10 Zhenqian Lu, Hong S. He, Mark C. Cowell, and Jian Yang, University of Missouri-Columbia, A Method for Developing a Decision Support System for Forestry Management

2:30 Steve Stadler and Allen Finchum, Oklahoma State University, Robert Rabin, National Severe Storms Laboratory, Phillip Bothwell, Storm Prediction Center, and Elaine Prins, Jason Brunner, and Christopher Schmidt, Cooperative Institute for Meteorological Satellite Studies, An Exploratory Study of Oklahoma’s Wildfire Pattern Using Spatial Databases

Friday, October 27
1:30 p.m. – 2:50 p.m.

Session 234
Natural and Environmental Hazards
Room: B3/5

Chair: Eve Gruntfest, University of Colorado at Colorado Springs

1:30 William Monfredo, University of New Orleans, Hurricane Katrina, Evacuation Issues, and Assessing the Damage

1:50 Jerry Reynolds, University of Central Arkansas, The Failure of the Federal Government to Promote Public Responsibility in High Risk Hazardous Environments of the United States

2:10 John P. Tiefenbacher, Texas State University—San Marcos, Assessing the Hazard, Risk and Vulnerability of Low Water Crossings in the Hill Country, Texas
2:30 Aaron Kreag, Robert Watchal, and Donald Lyons, University of North Texas, *A Spatial Analysis of Variation in Accidental Trauma Mortality Rates in Texas*

Friday, October 27
3:00 p.m. – 4:20 p.m.

**Session 241**
**Panel Discussion: Concerns of Early Career Faculty**
Room: A3/5

Sponsor: Geography Faculty Development Alliance

Organizer and Chair: Kenneth E. Foote, University of Colorado

Panelists: Kenneth E. Foote, University of Colorado
Donald J. Huebner, University of Texas at Austin
William Monfredo, University of New Orleans
Paul Nagel, Northwestern State University

Friday, October 27
3:00 p.m. – 4:20 p.m.

**Session 242**
**Special Session: Making 'An Unfortunate Child': Environmental and Human Change Across Oklahoma, 1870-1907**
Room: A2/4/6

Organizer and Chair: Robert Rundstrom, University of Oklahoma

3:00 Bruce Hoagland, University of Oklahoma, A Baseline for the Study of Land Cover Change and Settlement: A Digital Public Land Survey Map of Oklahoma, Circa 1870

3:20 Todd Fagin and Bruce Hoagland, University of Oklahoma, Vegetation and Land Cover Change in the Arbuckle Mountains, 1871-1897


4:00 Robert Rundstrom and Joseph Swain, University of Oklahoma, The Origins of the ‘Unfortunate Child’: Preliminary Results from a New Study of the Resettlement of Oklahoma Territory, 1889-1907

Friday, October 27
3:00 p.m. – 4:20 p.m.

**Session 243**
**U.S.-Mexico Borderlands and Latin America**  
Room: B2/4

Chair: **Karl Offen**, University of Oklahoma

3:00 **Richard C. Jones**, University of Texas at San Antonio, Ethnic Segregation, Suburbanization, and Immigration: The Case of San Antonio

3:20 **Michael S. Yoder**, Texas A&M International University, Inland Ports and Transportation Geography: Lessons From Two International Bridges in the Lower Rio Grande Valley of Texas

3:40 **Cyrus Reed**, University of Texas at Austin, Farmer Water Use, Conservation and Conversations in the Conchos Basin, Chihuahua in a Free Trade Era, 1990-2005

4:00 **Bryant Evans**, Houston Community College, Perspectives of Primacy in the Southern Cone

---

**Session 244**  
**Climate, Rainfall, and Drought**  
Room: B3/5

Chair: **Kent M. McGregor**, University of North Texas

3:00 **Daniel S. Berkowitz**, National Weather Service, Kernel Estimation and Its Application in Radar-Rain Gauge Rainfall Comparisons

3:20 **Xianwei Wang**, University of Texas at San Antonio, Comparison of the NEXRAD MPE and Stage III Precipitation Products in the Texas Hill Country

3:40 **James D. Bothwell**, University of Oklahoma, Ecological Zone Perturbations Embedded in IPCC Climate Change Scenarios

4:00 **Matthew Collier**, University of Oklahoma, Towards Characterizing the Spatiotemporal Nature of Drought

---

**Session 245**  
**Special Panel Discussion: Gilbert White’s Contributions to Geography**  
In Memory of Gilbert White (1911-2006)  
Room: Conference Room A

Organizer and Chair: **Tarek Rashed**, University of Oklahoma
Panelists: Tarek Rashed, University of Oklahoma
Craig Colten, Louisiana State University
Eve Gruntfest, University of Colorado—Colorado Springs
John Tiefenbacher, Texas State University—San Marcos

Friday, October 27
4:30 – 5:40 p.m.

Session 251
Special Panel Discussion: The Future of Geographic Information Science
Room: Conference Room A

Sponsor: University of Oklahoma, Center for Spatial Analysis
Organizer and Chair: May Yuan, University of Oklahoma

Panelists: May Yuan, University of Oklahoma
Mei-Po Kwan, Ohio State University
Douglas B. Richardson, Executive Director, Association of American Geographers
Dawn Wright, Oregon State University

Friday, October 27
4:30 – 5:40 p.m

Session 252
Special Session: Corporate Geography
Room: A2/4/6

Organizers: Donald Lyons and Murray Rice, University of North Texas

Chair: Murray Rice, University of North Texas

4:30 Bodo Kubartz, University of Oklahoma, Global Fragrance? The Changing Corporate Geographies of the Flavor and Fragrance Industry


5:10 Murray Rice, University of North Texas, A Comparative Analysis of the Headquarters Communities of New York and Toronto

Discussant: Donald Lyons, University of North Texas

Friday, October 27
4:30 – 5:40 p.m.
Session 253
U.S. Historical Geography
Room: B2/4

Chair: Alyson Greiner, Oklahoma State University

4:30 David Robertson, SUNY-Geneseo, The Genesee Valley: Confronting the Pristine Myth on the Developer’s Frontier

4:50 Mark Micozzi, East Central University, The Corp of Discovery: Reinforcing of the Geographic Perspective Along the Lewis and Clark Trail

5:10 Nancy N. Hanks, International Boundary and Water Commission and Texas Clean Rivers Program, The Short Architectural History of Hobbs, New Mexico

Friday, October 27
4:30 – 5:40 p.m.

Session 254
Panel Discussion: Active Pedagogy in the Geography Classroom
Room: B3/5

Sponsors: Geography Faculty Development Alliance
National Council for Geographic Education

Chair: Sarah Bednarz, Texas A&M University

Panelists: Sarah Bednarz, Texas A&M University
    Douglas Hurt, University of Central Oklahoma
    Paul Nagel, Northwestern State University
    Joseph Swain, University of Oklahoma

Friday, October 27
5:45 – 6:45 p.m.

SWAAG Business Meeting
Room: Conference Room A

Presiding: John P. Tiefenbacher, Texas State University—San Marcos
    Chair, Southwestern Division, Association of American Geographers

Friday, October 27
7:00 p.m. – 10:00 p.m.

SWAAG Barbecue
Center for Continuing Education Commons
    Presentation of Student Paper and Poster Awards
Saturday, October 28
8:30 a.m. – 5:00 p.m.

Field Trip 1: When the Wind Comes Sweeping Down the Plain and Generates Electricity

Sponsor: University of Oklahoma, Environmental Verification and Analysis Center
Leader: Scott Greene, University of Oklahoma

8:30 a.m. – 5:00 p.m.

Field Trip 2: Arbuckle Mountains: Land and History

Leader: Bruce Hoagland, University of Oklahoma

9:00 a.m. – 2:30 p.m.

Field Trip 3: Oklahoma Wines and Wineries

Leader: Gary Gress, University of Oklahoma