

**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*

Marcie Kuehl and **Kimberly Zerr**, University of Oklahoma, *Would You Light My Candle? A Geography of The Peace Candle Movement on Myspace.com*

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 Courty 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*

Ajax Delvecki, Kim Penrod, Brianna Spears, and Douglas A. Hurt, University of Central Oklahoma, *La Cultura de la Acequia Madre Revisited: Ditch Day in El Cerrito, New Mexico*

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*

3:30 **Junmei Tang**, Texas State University—San Marcos, *Threatened Natural Landscape in Urbanization: A Comparison of Two Petroleum-oriented Cities*

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 Journey**, 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*

Friday, October 27

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 Renfro, 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

3:40 **Joseph Swain** and **Robert Rundstrom**, University of Oklahoma, The Origins of the
'Unfortunate Child': A First Progress Report from A New Study of the Resettlements of
Oklahoma

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

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

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

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

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 Grunfest, 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

4:50 **Istvan Egresi**, University of Oklahoma, The New Romanian Auto-Component Industry and its Impact on Local Economies

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