2014 Joint Meeting of the
Southwest and Great Plains-Rocky Mountain Divisions
of the Association of American Geographers

Breaking Boundaries

Conference Program

Updated October 23, 2014

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Conference Organizers

K. Maria D. Lane, University of New Mexico
J.M. Shawn Hutchinson, Kansas State University

Breaking Boundaries

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Acknowledgements

Maria Lane extends a special thank you to the wonderful students, staff, and faculty from the Department of Geography & Environmental Studies at the University of New Mexico (UNM) who have contributed to the planning and hosting of all conference events. The UNM conference planning assistant, Willard Hunter, deserves particular gratitude for his heroic logistical coordination efforts. Thanks also to UNM College of Arts & Sciences for early financial support and for continued investment in Geography & Environmental Studies over the years. SWAAG President Murray Rice provided invaluable feedback and support during the conference planning process. Thanks, as well, to past SWAAG conference organizers Darrel McDonald (Stephen F. Austin State University) and Michaela Buenemann (New Mexico State University) for sharing their insights over the past year.

Shawn Hutchinson thanks the students, staff, and faculty from the Department of Geography at Kansas State University (KSU) who assisted with web site design, maintenance and construction of the conference program, and coordinating student competitions. Special thanks go to Bill Wetherholt, Lianling Su, Avantika Ramekar, Megan McHaney, and Lisa Harrington. Thanks, as well, go to Dean Peter Dorhout, KSU College of Arts & Sciences, and Chuck Martin, KSU Department of Geography, who volunteered critical early financial support that helped make this conference successful. The GPRM Board of Directors provided valuable advice and guidance during conference planning. Nate Eidem (University of Nebraska – Kearney) organized this year's GPRM GeoBowl event.

Both Maria and Shawn are grateful for Mona Domosh and Scott Collins for their participation and the assistance provided by Patrick Patten of UNM for the design and maintenance of the conference's online registration store.

Breaking Boundaries

Region Board of Directors, 2013-2014

Southwest		Great Plains/Rocky Mtn
Murray Rice University of North Texas	**Chair**	Shawn Hutchinson Kansas State University
	Vice Chair	Jason Combs University of Nebraska Kearney
Michaela Buenemann New Mexico State University	**Secretary**	Robert Watrel South Dakota State University
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Ron Hagelman Texas State University	**Regional Councilor**	Shawn Hutchinson Kansas State University

Conference Website and Social Media

Access the "Conference at a Glance", information for papers and posters in each session, and field trip descriptions at:

http://www.ksu.edu/swgprm2014

Share news, info, and happenings related to this year's joint regional meeting via Twitter with conference participants and the world:

@swgprm_2014 – #AAGinABQ

Breaking Boundaries

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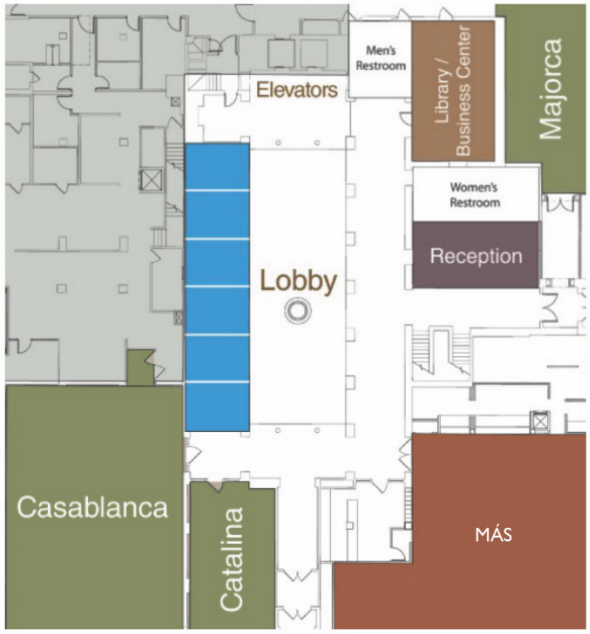
Andaluz Hotel Layout and Guide



1st Floor

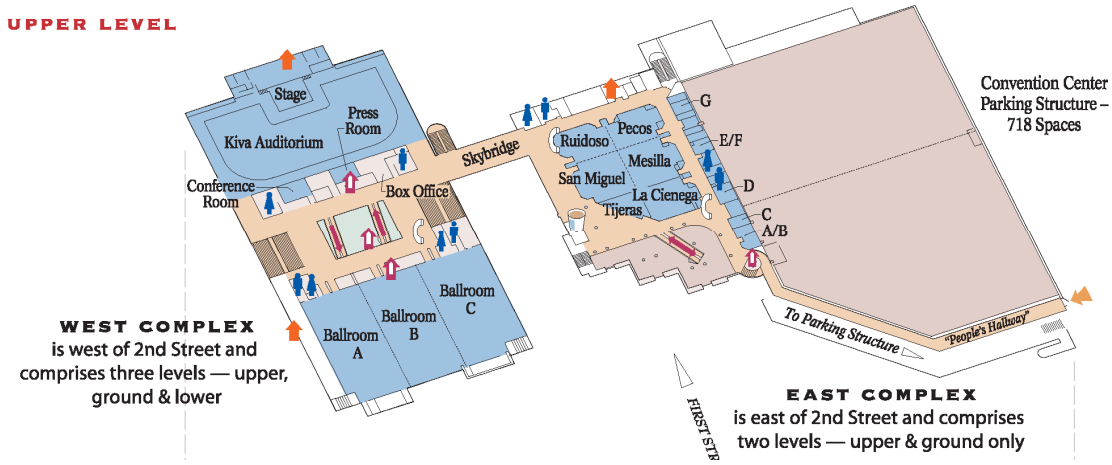
2nd Floor

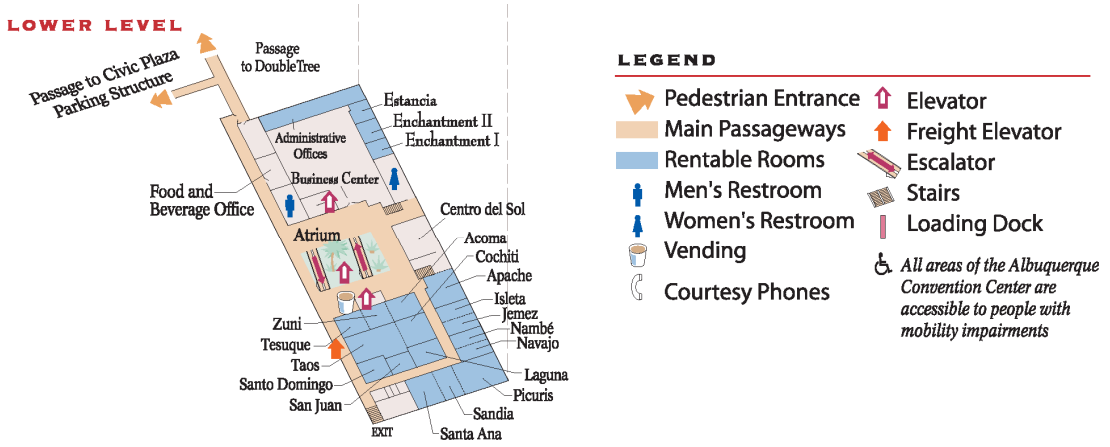
Parking – Complimentary parking is included for all conference guests, both local day guests as well as guests lodging overnight. The hotel's street address is 125 S Second Street NW. The hotel sits at the corner of Second and Copper Streets. While our address is Second Street, the valet drive is on the *COPPER STREET side of the building*.

Wireless Internet – Complimentary wireless access is available throughout the hotel, including meeting rooms. No password is needed. However, when attempting to connect to the Andaluz wireless, the user's device will pop open a browser window, which will auto-direct to the hotel's web site. To connect wirelessly, the user must allow the connection to the hotel's web site to take place. Once the device lands on the page, the wireless is connected.

Registration and Sponsors – The registration booth and sponsor exhibits are located on the second floor mezzanine.

Convention Center Layout and Guide





Parking – All conference events at the Convention Center will be held in the West building, which is between 2nd and 3rd streets. Parking, however, will be in the East Parking Garage, located on Martin Luther King and Broadway. The cost is $6.00 per day.

Wireless Internet – Complimentary wireless access is available throughout the Convention Center courtesy of the City of Albuquerque. To access this free wireless service, select **ConventionFreeWifi** and authenticate through any browser. Please note that this free service is unsecured and unsupported.

Posters – Poster sessions will be held in the lower level atrium.

Registration and Sponsors – The registration booth and sponsor exhibits are located in the lower level atrium.

Luncheon Presentation

Friday, October 24 from 12:40 PM – 1:40 PM
Ballroom A (Convention Center)

"Ecological Convergence and Contingency in North American and South African Grasslands"

Scott Collins
Regents Professor of Biology
University of New Mexico

Abstract: Ecologists often argue about the generality of their site based research. We conducted a comparative study of mesic grassland ecosystems at Konza Prairie, Kansas, and Kruger Park, South Africa to determine how these two geographically isolated mesic grasslands responded to common drivers of fire, grazing and interannual climate variability. Although these systems differ in evolutionary history and herbivore diversity, many grassland processes (productivity, plant species diversity) responded similarly in these two systems. Therefore, despite historical contingencies, comparative analyses of geographically disparate systems can lead to increased generality in ecological understanding.

Dinner and Awards Banquet Keynote

Friday, October 24 from 6:30 PM – 9:00 PM
Albuquerque Railyards

"From the U.S. South to the Global South: Practicing Development at Home"

Mona Domosh
President, Association of American Geographers
Joan P. and Edward J. Foley, Jr. 1933 Professor of Geography
Dartmouth College

Abstract: Drawing on a range of works that extend from gendered historical analyses of colonialism to critical histories of development, and based on archival research in Alabama, Arkansas, and Mississippi, I argue in this talk that what we now call international development – a form of hegemony different from but related to colonialism – needs to be understood not only as a geopolitical tool of the cold war, but also as a technique of governance that took shape within the realm of the domestic and through a racialized gaze. I do so by tracing some of the key elements of the United States' international development practices in the postwar era to a different time and place: the American South, a region considered 'undeveloped' in the first decades of the 20th century, and the agricultural extension practices that targeted the rural farm home and farm women, particularly African-American women. Thus I am able to interrogate two relatively unexamined elements that are key to understanding the making of American international development: that much of its early focus was on governing through biopolitical practices of the domestic (food preparation, health, and sanitation), and that those practices were based on the agricultural extension work of the United States Department of Agriculture in the American South.

Special Sessions

Thursday, October 23, 2014

A03 Jobs in Geohumanities Panel | Valencia (Andaluz Hotel)

Organized by Laurel C. Smith (University of Oklahoma)

This discussion panel considers the concerns about jobs that Robert Wilson raised in his commentary on *Envisioning Landscapes, Making Worlds: Geography and the Humanities* and *GeoHumanities: Art, History, Text at the Edge of Place*. These concerns range from academic positions in geography departments to career opportunities for undergraduate and graduate students pursuing geography degrees. Panel participants will draw on the Book Review Symposium, personal efforts, and institutional experiences to discuss these matters.

B01 Spatial Thinking | Casa Blanca (Andaluz Hotel)

Organized by Sarah Bednarz and Robert Bednarz (Texas A&M University)

This session welcomes presentations concerning incorporating, applying, and encouraging spatial thinking in geography courses, supporting and highlighting spatial thinking through GIST, assessing spatial thinking skills, and teaching spatial thinking in geography departments. Presentations about pedagogical and theoretical aspects of spatial thinking will be featured.

Friday, October 24, 2014

C01/D01 Land Change Science | Cochiti (Convention Center)

Organized by the Landscape Land Use Change Institute, Kirsten de Beurs (University of Oklahoma) and Jason Julian (Texas State University)

Complex problems associated with broad scale environmental issues cannot be addressed by individual scientific disciplines but instead should be tackled by a consortium of researchers from a variety of different fields. Land change science is one of these new interdisciplinary fields that have emerged as a fundamental component of global environmental change research. Land change science is broadly focused on observation, understanding, modeling, and assessing coupled human-environment systems in a spatial fashion. As we work to understand increasingly complex problems such as interactive effects among climate change, land use, and water resources, this need for truly interdisciplinary science will only increase. With this session, we aim to bring together the SWAAG and GPRM communities interested in land change science.

C02 U.S. Electoral Geography | Iseleta-Jemez (Convention Center)

Organized by Robert Watrel (South Dakota State University) and Fred Shelley (University of Oklahoma)

The purpose of this special session is to present material from the Atlas of the 2012 Elections, which is being published in late 2014 by Rowman and Littlefield. The session will include presentations by some of the contributors to the atlas, followed by a panel discussion led by those of the atlas' editors who will be in attendance at the conference. The panel discussion will focus not only on the atlas itself but also on the implications of the material in the atlas for the elections of 2014 and 2016.

Friday, October 24, 2014

D02 Graduate Program Information Session | Isleta-Jemez (Convention Center)

Organized by Murray Rice (University of North Texas)

This year's joint regional meeting will include a session featuring the geography graduate programs in the SWAAG and GPRM regions. All graduate program representatives are invited to participate. The Graduate Program Information Session (GPIS) is organized to provide time for each participating program to briefly summarize their unique features. We also aim to provide some time for potential students to talk one-on-one with program representatives. In past SWAAG meetings, we have found the GPIS to be beneficial for both potential students and the participating programs.

E01 Law's Geographies | Cochiti (Convention Center)

Organized by Melinda Harm Benson (University of New Mexico)

Legal geography is a growing new field that not only brings a geographic perspective to the applied, pragmatic practices of law but also provides a critical investigation into law's spatialities. This session is a forum for a spectrum of legal geographies, both critical and applied. Papers will address issues related to what legal geography has to offer practice in the legal realm, and what legal research and activism have to offer geography as a discipline for a range of theoretical and methodological perspectives

E02 Collaboration and Outreach | Isleta-Jemez (Convention Center)

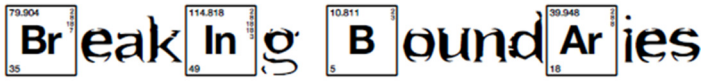
Organized by Murray Rice (University of North Texas)

Listen to and interact with people who have experience in collaboration and outreach activities from various sub-fields within geography. This session will focus on the challenges, suggestions, positives, and negatives associated with work involving an extended network of people from within and outside of geography.

F01 Academic Publishing Panel | Cochiti (Convention Center)

Organized by Melinda Harm Benson (University of New Mexico)

Editors from four journals and a publisher will share advice and tips for getting your work in print.



Conference at a Glance

Thursday, October 23 at Andaluz Hotel					
Time	Casa Blanca	Majorca	Valencia		
10:00 AM - 5:00 PM	Registration and Sponsor Exhibits (Second Floor)				
1:00 PM - 2:40 PM	A01 Sense of Place	A02 Geospatial Techniques 1	A03 Jobs in Geohumanities		
3:00 PM - 4:40 PM	B01 Spatial Thinking	B02 Migration & Ethnicity			
5:00 PM - 6:30 PM	Opening Reception (Main Lobby)				
8:30 PM	Student Social @ Anodyne (409 Central Ave NW)				
Friday, October 24 at Andaluz Hotel					
3:45 PM - 6:15 PM	GPRM GeoBowl Competition				
Saturday, October 25 at Andaluz Hotel					
8:00 AM - 8:30 PM	Field Trip Registration (Main Lobby) and Departure (Copper Avenue Entrance)				
Friday, October 24 at Albuquerque Convention Center					
	Cochiti	Isleta-Jemez	Navajo-Nambe	Santa Ana	Zuni-Tesuque
8:00 AM - 3:30 PM	Registration and Sponsor Exhibits (Lower Level Atrium)				
9:00 AM - 10:40 AM	C01 Land Change Sci 1	C02 U.S. Electoral Geog	C03 Environ & Hazards	C04 Physical Geography 1	C05 Place & Perception
10:40 AM - 12:30 PM	Poster 1 People and Climate – Lower Level Atrium South Alcove (Setup begins 9:00 AM / Cleanup ends 12:40 PM)				
10:50 AM - 12:30 PM	D01 Land Change Sci 2	D02 Grad Program Info	D03 Sustainability	D04 Physical Geography 2	D05 Political Ecology
12:40 PM - 1:40 PM	Luncheon (Ballroom A) Keynote by Scott Collins, "Ecological Convergence and Contingency in North American and South African Grasslands"				
1:50 PM - 3:30 PM	E01 Law's Geographies	E02 Collaborate & Outreach	E03 Plants & Agriculture	E04 Geospatial Techniques 2	E05 Water Resources
3:30 PM - 5:20 PM	Poster 2 (includes Land Change Science Special Session) – Lower Level Atrium South Alcove (Setup begins 1:50 PM / Cleanup ends 5:30 PM)				
3:40 PM - 5:20 PM	F01 Academic Publishing	F02 Transport & Urban	F03 Media & Social Networks	F04 Health	F05 Place Mapping
5:30 PM - 6:30 PM	GRPM Business Mtg	SWAAG Business Mtg			
Friday, October 24 at Albuquerque Railyards					
6:30 PM - 9:00 PM	Banquet and Awards Dinner Keynote by Mona Domosh, "From the U.S. South to the Global South: Practicing Development at Home"				

Thursday, October 23, 2014

Paper Session A: 1:00 PM – 2:40 PM

Paper and Poster Sessions

*** Indicates Session Chair**

A01 Sense of Place | Casa Blanca (Andaluz Hotel)

- **Translation and Sense of Place**
  *Constantine Hadjilambrinos and Diane Thiel
  University of New Mexico
- **Exploring Place Attachment in Kansas' Central Great Plains: A Jewell County Pilot Study**
  Bill Wetherholt
  Kansas State University
- **Four Symbolic Boundaries of the American West**
  John B. Wright
  New Mexico State University
- **Pioneer Life on Glass: The Balcom-Green Collection**
  Jason H. Combs (1) and Kenneth Harders (2)
  (1) University of Nebraska – Kearney, (2) Wood River, Nebraska
- **Cultural Planning and Geographical Imaginations: The Role of Affective Mapping in Revealing/Re-valuing Places**
  Joni M. Palmer
  University of New Mexico

A02 Geospatial Techniques 1 | Majorca (Andaluz Hotel)

- **Best Practices for Tethered Weather Balloon Mapping**
  *Su Zhang, Christopher Lippitt, Susan Bogus, and Andy Loerch
  University of New Mexico
- **Vegetation Affects on LIDAR LAS Data**
  Bruce V. Millett
  South Dakota State University
- **Photogrammetrically Measuring Dryland Soil Erosion from a UAS Platform**
  Jeffrey K. Gillan (1) and Jason Karl (2)
  (1) USDA Agricultural Research Service, New Mexico State University, (2) USDA Agricultural Research Service
- ~~**Using Acoustic as Remote Sensing**~~
  ~~Suzi Wiseman (1) and Preston S. Wilson (2)~~
  ~~(1)Texas State University – San Marcos, (2) University of Texas~~
- **K-Vec: A Global and Cross-Scale Analysis Method of Vector Autocorrelation**
  Xi Gong (1), Yongmei Lu (1), Yan Lin (2), F. Benjamin Zhan (1)
  (1) Texas State University – San Marcos, (2) South Dakota State University

Thursday, October 23, 2014

Paper Session A: 1:00 PM – 2:40 PM

A03 Jobs in Geohumanities Panel | Valencia (Andaluz Hotel)

Organized by Laurel C. Smith (University of Oklahoma)

AAG Executive Director Douglas Richardson co-edited two books that were published by Routledge Press in 2011: *Envisioning Landscapes, Making Worlds: Geography and the Humanities* and *GeoHumanities: Art, History, Text at the Edge of Place*. Each of these collections feature essays that embody the sort of scholarship increasingly collected beneath the rubric of the geohumanities. As evident in the marvelous Book Review Symposium featured in the April 2013 issue of *Progress in Human Geography*, these books have generated rich dialogue. And they likely informed the AAG's decision to create a third journal devoted to this field of inquiry.

Inspired by AAG President Mona Domosh's Presidential Column in the July 2104 AAG Newsletter, "Strategic Essentialism and Radical Intra-Disciplinarity," I wonder whether the moniker of geohumanities (or geoHumanities) provides an opportunity to defend and/or augment the work of humanities-oriented geographers? Could it offer leverage for creating research clusters and degree tracks? If so, we need to gird our loins for very pragmatic and often panicked conversations about jobs with students (and their parents).

Accordingly, this discussion panel considers the concerns about jobs that Robert Wilson raised in his commentary on *Envisioning Landscapes, Making Worlds: Geography and the Humanities* and *GeoHumanities: Art, History, Text at the Edge of Place*. These concerns range from academic positions in geography departments to career opportunities for undergraduate and graduate students pursuing geography degrees. Panel participants will draw on the Book Review Symposium, personal efforts, and institutional experiences to discuss these matters.

Discussants:

- Laurel C. Smith – University of Oklahoma
- Mona Domosh – Dartmouth College
- Pete McCormick – Fort Lewis College
- Fred Gibbs – University of New Mexico

Thursday, October 23, 2014

Paper Session B: 3:00 PM – 4:40 PM

B01 Spatial Thinking | Casa Blanca (Andaluz Hotel)

Organized by Sarah Bednarz and Robert Bednarz (Texas A&M University)

- **Research In, For, and About Geospatial Technologies and Learning**
  *Sarah Bednarz (1), Tom Baker (2), Sarah Battersby(3), Al Bodzin (4), Bob Kolvoord (5), Steven Moore (6), Diana Sinton (7), David Uttal (8)
  (1) Texas A&M University, (2) ESRI and University of Kansas, (3) University of South Carolina, (4) Lehigh University, (5) James Madison University, (6) University of Redlands, (7) Executive Director, UCGIS and Cornell University, (8) Northwestern University
- **Spatial Thinking in Education: Implementation, Assessment, Technology, Recommendations**
  Robert S. Bednarz
  Texas A&M University
- **Strategic Planning for K-12 Geography Education in New Mexico: Recent Activities of the New Mexico Geographic Alliance**
  M.N. DeMers
  New Mexico State University
- **Pikas in the Peaks: An Applied Geography Exercise Utilizing Minimal GIS**
  Grant J. Hamilton
  Department of the Interior-VISTA Team/Groundwork Doña Ana

B02 Migration and Ethnicity | Majorca (Andaluz Hotel)

- **Volatility and Persistence in 19th Century California Family Migration**
  *Samuel M. Otterstrom
  Brigham Young University
- **Immigration, Ethnicity and Community Formation in the Oklahoma City Metropolitan Area**
  Michelle Brym, Clarissa Everly, and Kane Watkins
  University of Central Oklahoma
- **Internal Migration in Bangladesh: A Comparative Study of Coastal, Environmentally Challenged, and Other Districts**
  Bimal Kanti Paul
  Kansas State University
- **Twitter, 'Hate' Maps, and Immigrants: The Viability of Mapping Tweets to Identify Anti-Immigrant Places and Sentiments**
  Mary Sue Passe-Smith and John Passe-Smith
  University of Central Arkansas

Friday, October 24, 2014

Paper Session C: 9:00 AM – 10:40 AM

C01 Land Change Science 1 | Cochiti (Convention Center)

Organized by the Landscape Land Use Change Institute, Kirsten de Beurs (University of Oklahoma) and Jason Julian (Texas State University)

- **Comparing Methods for Land Surface Temperature Retrieval over Heterogeneous Land Cover Using Landsat-5 TM Thermal Infrared Data**
  Emily Windahl and Kirsten de Beurs
  University of Oklahoma
- **Role of Environmental Factors in the Growth of West African Cities: A Case of Kumasi of Ghana and Ouagadougou of Burkina Faso**
  Pradeep Adhikari, and Kirsten M de Beurs
  University of Oklahoma
- **Urban Dynamics of a Shrinking City: An Analysis of Detroit**
  Emily S. Thompson, and Kirsten M. de Beurs
  University of Oklahoma
- **Land Cover Change Analysis in the Fastest Growing City in the United States**
  Kumudan Grubh and Nate Currit
  Texas State University
- **Water Resources and Protected Places in the South-Central United States**
  *Jason P. Julian (1,2), Graham Daly (1,2), Erin D. Dascher (1), Jessica Y. Espinoza (1), Harrison W. Flores-Ortiz (1), and Kristen B. Newcomer (1,2)
  (1) Texas State University, (2) Landscape Land Use Change Institute

C02 U.S. Electoral Geography | Iseleta-Jemez (Convention Center)

Organized by Robert Watrel (South Dakota State University) and Fred Shelley (University of Oklahoma)

- **Creating and Interpreting "The Atlas of the 2012 Elections"**
  *Robert H. Watrel (1), Gerald M. Webster (2), Fred M. Shelley (3)
  (1) South Dakota State University, (2) University of Wyoming, (3) University of Oklahoma
- **Texas Elections 2014: Mapping Wendy Davis's Prior Electoral Credibility**
  Brooks Heitmeier
  University of Oklahoma
- **Micropolitan County Voting in the 2012 Presidential Election**
  Jason Combs
  University of Nebraska - Kearney
- **Discussants**
  - Jason Combs – University of Nebraska – Kearney
  - Chris Maier – South Dakota State University
  - Fred Shelley – University of Oklahoma
  - Robert Watrel – South Dakota State University
  - Gerald Webster – University of Wyoming

Friday, October 24, 2014

Paper Session C: 9:00 AM – 10:40 AM

C03 Environment and Hazards | Navajo-Nambe (Convention Center)

- **Condit Dam Removal, Washington: Perceptions and Decision-Making**
  *Laura Wallace and Lisa M.B. Harrington
  Kansas State University
- **The Geography of "No": Further Adventures in Oklahoma's Wind Power Development**
  Steve Stadler (1) and J. Scott Greene (2)
  (1) Oklahoma State University, (2) University of Oklahoma
- **Plan it and they Will Come: An Assessment of Recreation Potential and User Interests on the Green River in Utah**
  Jonathan Bowler
  University of Wyoming
- **Lives Entwined: The Human Obligation to Companion Animals, Livestock, and Wildlife Affected by Natural Hazard Events**
  Connie Brownson
  Texas State University
- **Potential Uses of Social Vulnerability Assessments to Support Decision Making in the Colorado Dam Safety Branch**
  Laura E. Ferré (1), Bill McCormick (2), and Deborah S.K. Thomas (1)
  (1) University of Colorado Denver, (2) Colorado Dam Safety Branch, Colorado Division of Water Resources

C04 Physical Geography 1 | Santa Ana (Convention Center)

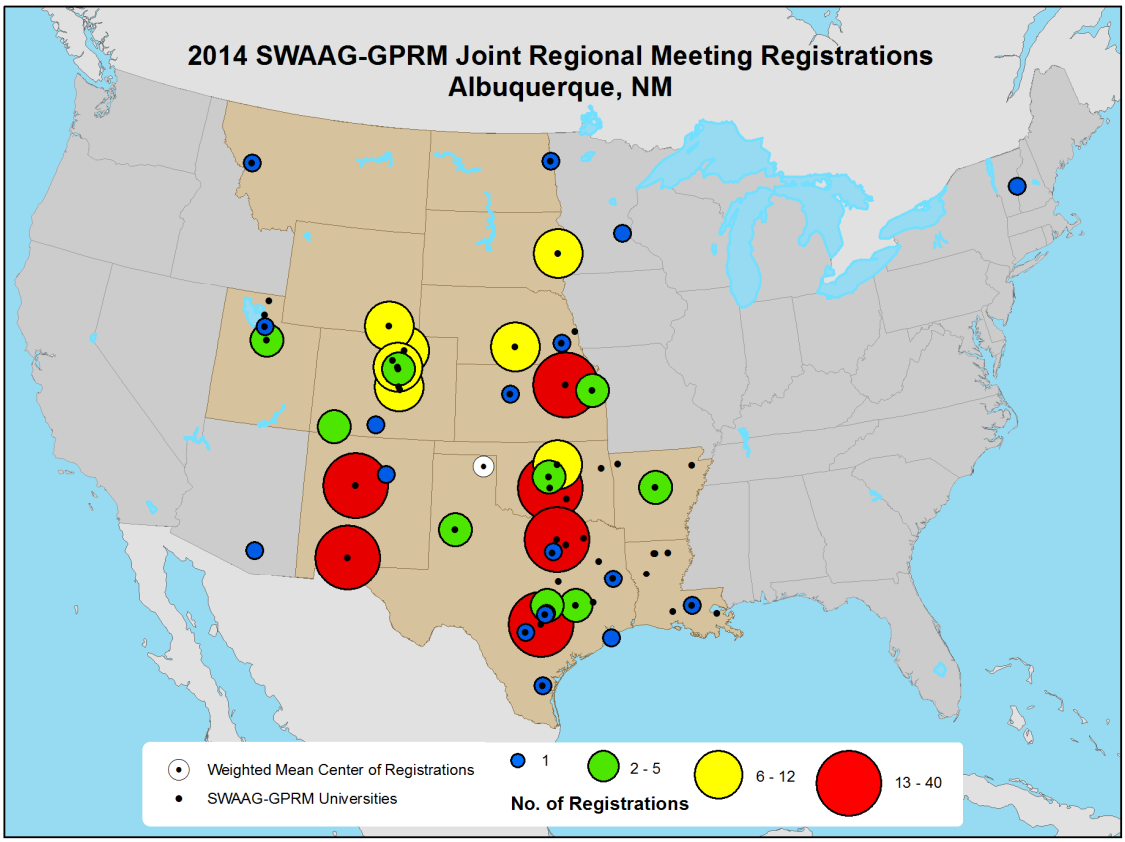
- **Avian Diversity Increased Compared to Grinnell-Storer's Cross-Section through Yosemite**
  *Carol. L. Campbell
  New Mexico State University
- **Mapping Riparian Zones in the Southern Rockies Ecoregion: A Multi-scale, Hierarchical Model**
  Jessica Salo (1) and David Theobald (2)
  (1) University of Northern Colorado, (2) Conservation Science Partners
- **A Proof of Concept Study on the Evolution of Plant Community Fire Adaptation**
  Thomas Brussel (1), Thomas A. Minckley (1), Simon Brewer (2), Colin J. Long (3), and Mitchell J. Power (2)
  (1) University of Wyoming, (2) University of Utah, (3) University of Wisconsin Oshkosh
- **The Footprint of Human Impacts in Cold Climates: Lessons Learned at McMurdo and Palmer Stations, Antarctica**
  Andrew Klein, Paul Montanga, Terry Palmer, José Sericano, Steve Sweet, Terry Wade, Mahlon Kennicutt II
  Texas A&M University
- **Service and Research Opportunities through Peace Corps Response**
  Curt Holder
  University of Colorado

Friday, October 24, 2014

Paper Session C: 9:00 AM – 10:40 AM

C05 Place and Perception | Zuni-Tesuque (Convention Center)

- **Don't it Make My Red State Blue: A Spatio-Temporal Analysis of Oklahoma's Voting-Registration Mismatch**
  *Jonathan C. Comer
  Oklahoma State University
- **Goree Island: An American Political Pilgrimage; Discourse Analysis Examining the Processes of Place Perception in Relation to Public and Political Actors**
  Danielle D. Guthrie
  South Dakota State University
- **Mapping Community Formation on the Plains**
  Robert C. Shepard and Rebecca Wingo
  University of Nebraska-Lincoln
- **Mapping Environmental Justice in Lubbock Through Time: A Mixed-Methods Historical Perspective**
  Jason M. Post, Perry L. Carter, and Cynthia L. Sorrensen
  Texas Tech University
- **Beyond the Ma and Pa: Navigating Rural Sexuality and Gender Identity Networks**
  Brandon H. Haddock
  Kansas State University



Friday, October 24, 2014

Poster Session 1: 10:40 AM – 12:30 PM

P01 People and Climate | Lower Level Atrium South Alcove (Convention Center)

Posters may be set up beginning at 9:00 AM and must be removed no later than 12:40 PM

- **A Summary of the Scottish Referendum on Whether or Not to Secede from the United Kingdom**
  Anna Gibson
  University of Colorado Denver
- **Access to Emergency Healthcare in Wyandotte County, Kansas, 2010**
  Avantika Ramekar
  Kansas State University
- **Space, Time and Crime – A Spatiotemporal Analysis of Crime Related Activities on the Campus of University of Oklahoma**
  Thuso Motselebane, Matankiso Phooko, and Benjamin Ignac
  University of Oklahoma
- **Identifications of Both Water Scarcity and Solutions for Adapting to Climate Changes in the Heihe River Basin of China**
  Xiangzheng Deng (1) and Chunhong Zhao (2)
  (1) Chinese Academy of Sciences, (2) Texas State University
- **Paleoenvironmental Reconstruction of Forest Canyon Pass, Rocky Mountain National Park, Colorado**
  David M. Diggs (1), James P. Doerner (1), Robert H. Brunswig (1), and Mollie R. Doerner (2)
  (1) University of Northern Colorado, (2) University of Denver
- **Projected Prevalence of Malaria in Alta Verapaz, Guatemala for the years 2020 and 2050 using Global Circulation Models and Ecological Niches**
  Diego Pons (1) and Sydney Neeley (2)
  (1) University of Denver, (2) Duke University
- **Body Mass Index (BMI) Mapping and Community Engagement**
  Denise Swack, Erica Reynolds, Filiberto Morales, Dillon Riebel, Peter Anthamatten, and Deborah Thomas
  University of Colorado Denver
- **Central City New Orleans and the Revitalization of Dryades Street/Oretha Castle Haley Boulevard**
  Derrick Rhys Wilson (1), Rebecca Carter (2), and Allen Hertzke (1)
  (1) University of Oklahoma, (2) Brown University
- **Noctilucent Cloud Occurrence: An Indication of Anthropogenic Climate Change**
  Erin Jaynes
  University of Colorado Denver
- **Understanding Latino Community Recovery after the September 2013 Colorado Flash Floods**
  Issamar Pichardo, Jeannette Rodriguez, Deborah Thomas, Andrew Rumbach, Lily Lizarraga, Waverly Klaw, David Lizarraga, Leah Cole, Jeremy Nemeth, and Carrie Makarewicz
  University of Colorado Denver
- **Understanding Variations in Precipitation Seasonality in Kansas**
  John Harrington Jr. (1), Caitlin Dye (1), and Ian Howard (2)
  (1) Kansas State University, (2) University of Arkansas
- **The Current Drought in Texas: Breaking or Not?**
  Kent M. McGregor
  University of North Texas
- ~~**Mapping of Tornadoes in the State of Colorado from 1950 to 2014**~~
  ~~Monika R. Reinholz~~
  ~~University of Colorado Colorado Springs~~

Friday, October 24, 2014

Poster Session 1: 10:40 AM – 12:30 PM

- **The Geography of the Wild Horse Preservees of New Mexico and the American West and their Role in the Conservation of the Endangered Spanish Mustang**
  Paul Polechla, Jr.
  University of New Mexico
- **Spatiotemporal Analysis of Climate Change in Inner Mongolia During 1961-2012**
  Qi Hu (1,2), Feifei Pan (2), Xuebiao Pan (1), Dan Zhang (1), Qiuyue Li (1), Zhihua Pan (1), and Yurong Wei (3)
  (1) China Agricultural University (China), (2) University of North Texas, (3) Inner Mongolia Meteorological Bureau (China)
- **Recreation Impact in Mountain Environments: A Review of Non-Motorized Human Trampling Impacts in Montane, Subalpine, and Alpine Zones**
  Ross H. Martin
  Texas State University
- **Advances in Seasonal Climate Forecasting for Agriculture**
  Toni Klemm and Renee A. McPherson
  University of Oklahoma
- **'Spreading It Faster than We can Shovel It:' Local Perceptions of Power and Controversy in the Management of the Ozark National Scenic Riverways**
  T.B. Larsen
  Kansas State University
- **Exploration of the Relationship Between Weather parameters and Abundance of Seasonal Surface Water**
  Tara Rodgers (1), Stephen DeMaso (2), Nicholas Enwright (2), Mark Shafer (1)
  (1) University of Oklahoma, (2) National Wetlands Research Center
- **Opportunities And Barriers: Toward Sustainable Recycling In Laramie, Wyoming**
  Upendra B Bom
  Texas State University
- **Fostering a Culture of Sustainability at the University of Colorado Colorado Springs**
  Vanessa Ferona and Michael Core
  University of Colorado Colorado Springs
- **Disaster Response and Recovery: Are Women Falling Through the Cracks?**
  Virginia G. Silvis (1) and Kimberly K. Johnson (2)
  (1) University of Oklahoma, (2) Oklahoma State University
- **A GIS-based Risk Assessment of Water Pollution Exposure to Hazardous Waste Sites**
  Yan Lin (1) and Xi Gong (2)
  (1) South Dakota State University, (2) Texas State University

Friday, October 24, 2014

Paper Session D: 10:50 AM – 12:30 PM

D01 Land Change Science 2 | Cochiti (Convention Center)

Organized by the Landscape Land Use Change Institute, Kirsten de Beurs (University of Oklahoma) and Jason Julian (Texas State University – San Marcos)

- **Exploring Land Cover Change in the Oklahoma Cross Timbers**
  Emma L. Kuster and Renee A. McPherson
  University of Oklahoma
- **Monitoring and Classifying Forest Disturbances in Southeastern Oklahoma from 2000 to 2011 using High Spatiotemporal Resolution Imagery**
  Trung V. Tran (1,3), Kirsten M. de Beurs (1,3), and Jason P. Julian (2,3)
  (1) University of Oklahoma, (2) Texas State University, (3) Landscape Land Use Change Institute
- **A Unified Disturbance Analysis for Forests and Grasslands in New Zealand**
  Braden Owsley (1,3), Kirsten de Beurs (1,3), Jason Julian (2,3)
  (1) University of Oklahoma, (2) Texas State University, (3) Landscape Land Use Change Institute
- **Agricultural and Residential Land-Use Effects on North Eastern Cross Timbers Forest Structure and Composition**
  Ingrid Dunn
  University of North Texas
- **Agricultural Changes in European Russia: Implications for Food Security**
  *Kirsten M. de Beurs
  University of Oklahoma

D02 Graduate Program Information Session | Isleta-Jemez (Convention Center)

Organized by Murray Rice (University of North Texas)

Participating Universities and Program Representatives:

- Fort Hays State University - Keith Bremer
- Kansas State University – Douglas Goodin
- South Dakota State University – Darrell Napton
- Texas State University – Paul Adams
- University of Colorado Colorado Springs – John Harner, Emily Skop, and Curtis Holder
- University of Montana - Christiane von Reichert
- University of New Mexico - John Carr
- University of New Orleans – Juana Ibanez
- University of North Texas – Murray Rice
- University of Oklahoma - Aondover Tarhule, Deborah Marsh, Fred Shelley, Darren Purcell
- Oklahoma State University – Jon Comer
- University of Texas – Paul Adams
- University of Utah – George Hepner

Friday, October 24, 2014

Paper Session D: 10:50 AM – 12:30 PM

D03 Sustainability | Navajo-Nambe (Convention Center)

- **Littering in Context(s): Using a Spatially-based Experiment to Explore Geographic Differences in an Antisocial Behavior**
  *Russell Weaver
  Texas State University
- **Comparative Analysis of Waste Management at Kansas State University and the University of Ghana, Legon**
  Matt DeCapo
  Kansas State University
- **Learning Geography and Sustainability: A Focus Group Analysis**
  Ashlee Tziganuk and Travis Gliedt
  University of Oklahoma
- **Plastic Bag Use Analysis in Denton, Texas**
  Ashley Carlisle and Amanda McDaniel
  University of North Texas
- **Scaling Environmental Value: A Non-Profit and Business Comparison**
  Alex Lyakhov, Preston Hartman, and Travis Gliedt
  University of Oklahoma

D04 Physical Geography 2 | Santa Ana (Convention Center)

- **Mapping Spatial Distributions of Stream Power and Channel Change along a Gravel-bed River in Northern Yellowstone**
  *Devin M. Lea and Carl J. Legleiter
  University of Wyoming
- **Distribution of Rock Glaciers in New Mexico with Potential Applications for Climate Research**
  Bryan Kinworthy
  University of New Mexico
- **Remote Sensing for Monitoring Surface Coal Mine Reclamation in Drylands**
  Robert Sabie and Michaela Buenemann
  New Mexico State University
- **A Volumetric Lake Hydrology of Devils Lake, North Dakota: 1950-2010**
  P.E. Todhunter
  University of North Dakota
- **Dynamical Downscaling for Paleoclimate Simulations of Tropical Cyclones in the Last Glacial Maximum Using a 36-km WRF Tropical Channel Regional Climate Model**
  Jinwoong Yoo (1), Joseph Galewsky (1), Suzana J. Camargo (2), and Robert L. Korty (3)
  (1) University of New Mexico, (2) Lamont-Doherty Earth Observatory, (3) Texas A & M University

Friday, October 24, 2014

Paper Session D: 10:50 AM – 12:30 PM and Luncheon: 12:40 PM – 1:40 PM

D05 Political Ecology | Zuni-Tesuque (Convention Center)

- **Framing "Foothills in Flux": Considering Wine and the Consumption and Production of Landscapes in the Sierra Nevada Foothills of California**
  *Colleen C. Hiner
  Texas State University
- ~~**Land Tenure and Tourism Development in Nicaragua: A Case Study from Playa Gigante**~~
  ~~Anna G. Sveinsdóttir~~
  ~~University of Denver~~
- **Social and Environmental Impacts of Big-Leaf Mahogany (*Swietenia macrophylla*) Logging on Peruvian Indigenous Communities**
  Aaron A. P. Groth
  University of Texas
- **Formalizing Indigenous Land Tenure in La Moskita, Honduras: The Value of Participatory Research Mapping in Identifying and Mitigating Conflict**
  Peter H. Herlihy, Taylor A. Tappan, Matthew L. Fahrenbruch, John H. Kelly, and Jerome Dobson
  University of Kansas
- **Mobility and Sustainable Transportation in Latin America: Successes, Failures, and Diffusion of Ideas**
  Sylvia Arriaga Brady
  University of Denver

12:40 PM – 1:40 PM

Luncheon | Ballroom A (Convention Center)

UNM COLLEGE of ARTS & SCIENCES

Sponsored by College of Arts & Sciences, University of New Mexico

- **Opening Remarks:** Dr. Mark Peceny, Dean, College of Arts & Sciences, University of New Mexico
- **Presentation**: Dr. Scott Collins, University of New Mexico

Friday, October 24, 2014

Paper Session E: 1:50 PM – 3:30 PM

E01 Law's Geographies | Cochiti (Convention Center)

Organized by Melinda Harm Benson (University of New Mexico)

- **Methodological Mistakes in Legal Geography**
  K. Maria D. Lane
  University of New Mexico
- **MAN vs. MANATEE: The Legal Framing of Neoliberal Environmental Discourses**
  John Carr and Tema Milstein
  University of New Mexico
- **Terror as Usual: On the Legal Geographies of Indian Drinking in New Mexico**
  David Correia
  University of New Mexico
- **Doctrine of Difference: Cobell v. Salazar and the Failure of Indian Trust**
  Laura Harjo
  University of New Mexico
- **Regulator Takings: Rights or Relations?**
  *Melinda Harm Benson
  University of New Mexico

E02 Collaboration and Outreach | Isleta-Jemez (Convention Center)

Organized by Murray Rice (University of North Texas)

Discussants:

- Michaela Buenneman – New Mexico State University
- J. Scott Greene – University of Oklahoma
- John Harrington, Jr. – Kansas State University
- Murray Rice – University of North Texas
- Deborah S.K. Thomas – University of Colorado Denver

E03 Plants and Agriculture | Navajo-Nambe (Convention Center)

- **Engaging Agricultural Stakeholders and Communicating Climate Change Risk with a WebGIS-based Crop Calendar**
  Lianling Su and J.M. Shawn Hutchinson
  Kansas State University
- **Plant Diffusion within and Scientific Knowledge of the Columbian Exchange: The Importance of Social Processes**
  *Chris S. Duvall
  University of New Mexico
- **"It's Used By the Dissipated and the Deprived": Transforming Perceptions of Hemp in the Anglo-Atlantic World**
  Bradley J. Borougerdi
  Tarrant County College

Friday, October 24, 2014

Paper Session E: 1:50 PM – 3:30 PM

- **Calibration and Validation of the FAO AquaCrop Model for Rainfed Cereals in Nigeria, West Africa**
  U. Akumaga
  University of Oklahoma
- **Land Sharing vs Land Sparing: Agricultural Management Impact on Pollinator Abundance and Crop Production in an Urban Matrix**
  Grace Kellner
  University of Denver

E04 Geospatial Techniques 2| Santa Ana (Convention Center)

- **A Spatially-distributed Hydrological Modelling and Visualization Framework**
  *Feifei Pan
  University of North Texas
- **Route Originality between Competing Automobile Route Guides**
  John T. Bauer
  University of Nebraska - Kearney
- **Using Qualitative GIS and Sketch Mapping to Assess Individual Walking Behavior, Perceptions, and Experiences**
  Meghan Mooney
  University of Denver
- **Developing a Data Discovery Tool for Interdisciplinary Science by Leveraging the Combination of a Web-based Mapping Application and Geosemantic Searching**
  Dylan Perkins
  University of Wyoming
- **Accessibility to Higher Education Geography Programs in Louisiana**
  R.V. Rohli (1) , P.E. Binford (1) , and J. Ibañez (2)
  (1) Louisiana State University, (2) University of New Orleans

E05 Water Resources | Zuni-Tesuque (Convention Center)

- **Comparing the Spatial Distribution of Texas Municipal Water Consumption Drivers using Linear and Non-linear Data Reduction Methods**
  *Matthew H. Connolly (1), Ryan Hile (2), John Stevens (2), Erich Rentz (2), and Simon Brewer (2)
  (1) University of Central Arkansas, (2) University of Utah
- **Water Management in the Southern High Plains of Texas: An Institutional Analysis of Water Governance**
  Caroline Pavlowsky
  University of Oklahoma
- **Pastoral Livelihoods and Household Water Management Strategies in the Central Argentine Andes**
  Julie Parker
  University of North Texas
- **Examining Resiliency-based Approaches to Watershed Management in the Lake Champlain Basin**
  Christopher Brown
  New Mexico State University
- **Enhancing Social-Ecological Resilience in the Colorado River Basin**
  Nathan T. Eidem
  University of Nebraska – Kearney

Friday, October 24, 2014

Poster Session 2: 3:30 PM – 5:20 PM

P02 Land Change Science, Physical Geography, and Geospatial Techniques | Lower Level Atrium South Alcove (Convention Center)

Posters may be set up beginning at 1:50 PM and must be removed no later than 5:30 PM

- **A Geospatial Analysis and Geoheritage Investigation of Land Use Practices In The Upper Pecos River Valley, New Mexico, USA**
  Amanda D. Aragón, Joe P. Zebrowski, Michel S. Petronis
  New Mexico Highlands University
- **The Influence of Local Habitat Variability on White-tailed Deer (Odocoileus virginianus) Body Size at Fort Hood, Texas**
  Amy Eddins and Steven Wolverton
  University of North Texas
- **Using GIScience and Gravity Modeling to Predict UNK's Freshman Class**
  Ashley Larsen and Paul Burger
  University of Nebraska at Kearney
- **Is the 'Loper Fan' a True Fan?**
  Ashley Larsen, Emily Kaslon, and Jeremy Dillon
  University of Nebraska at Kearney
- **Virtual Environments and Spatial Awareness in Adolescents: A Study in Virtual Tours at Southwestern University**
  Brandee Knight and Jen O'Neal
  Southwestern University
- **Mapping Urban Materials in Cedar Falls, Iowa Using Very High Resolution Thermal and Hyperspectral Imagery**
  Clarissa Everly (1) and Bingqing Liang (2)
  (1) University of Central Oklahoma, (2) University of Northern Iowa
- **Study on the Stream Temperature Change in Local Paradise Watershed, Pennsylvania**
  He Jin (1) and Shixiong Hu (2)
  (1) Texas State University, (2) East Stroudsburg University of Pennsylvania
- **Fracking Site Identification in Williston, North Dakota**
  Jose DeJesus
  United States Air Force Academy
- **New Geologic Mapping and Optical Ages from Platte River Floodplain and Terrace Alluvium in the Kearney Quadrangle, South-Central Nebraska, USA**
  Jeremy S. Dillon (1), Paul R. Hanson (2), Jacob Bruihler (2), and Leslie M. Howard (2)
  (1) University of Nebraska at Kearney, (2) University of Nebraska-Lincoln
- **Assessing Post-Hurricane Rita & Ike Sedimentation on the McFaddin National Wildlife Refuge: Implications for Coastal Marsh Aggradation**
  Harry F.L. Williams, Joshua Hodge
  University of North Texas
- **Supervised Classification's Usefulness in Determining Population of Urban Regions**
  Jacob Lee
  United States Air Force Academy
- **Soil Carbon Pools and their Spatial Variability along Environmental Gradients in New South Wales, Australia**
  Michaela Buenemann (1), Heather Throop (1), David J. Eldridge (2)
  (1) New Mexico State University, (2) University of New South Wales (Australia)

Friday, October 24, 2014

Poster Session 2: 3:30 PM – 5:20 PM

- **Spatiotemporal Analysis of Growing Season Length and Freeze Dates as a Measure of Climate Change for Agricultural Producers in Kansas**
  Megan McHaney, J.M. Shawn Hutchinson, and Anandhi Swamy
  Kansas State University
- **Stream Channel Form and Associated Vegetation in Two Southern Appalachian Peatlands**
  Melanie B. Stine
  University of Texas at San Antonio
- **Variables Affecting Meander Bend Migration of Regulated Stream, Kansas River, USA**
  Nickolas L. Patch
  Kansas State University
- **A Simple Method for Change Detection Applicable to the Classroom**
  Robert R. J. Mohler (1) and M. Justin Wilkinson (2)
  (1) Civil Programs/Bioastronautics, Lockheed Martin Exploration and Mission Support and Texas A&M, Galveston, (2) ESCG-Jacobs Technology
- **The Birds and the Trees: The Effects of Salt Cedar Removal on Migratory Bird Community Compositions**
  Rebecca L. Martin and Carol L. Campbell
  New Mexico State University
- **Landscape Factors that Contribute to Animal-Vehicle Collisions in Two Northern Utah Canyons**
  Ryan R. Jensen (1) and Rusty Gonser (2)
  (1) Brigham Young University, (2) Indiana State University
- **Glacier Mapping Using Google Earth Engine**
  Xian Dong, Yang Ju, and Andrew Klein
  Texas A&M University

Land Change Science Special Poster Subsession

- **Analyzing the Effectiveness of Urban Growth Boundaries Using Spectral Un-mixing**
  Austin J. Cooner
  United States Air Force Academy
- **Analyzing Desertification in Eastern Brazil Using Change Detection Analysis**
  Christopher S. McNerney and Ahmed J. Groce
  United States Air Force Academy
- **The Spatiotemporal Effect of Regionality on Species Distribution Modeling Using MaxEnt**
  Daryn R. Hardwick
  University of Oklahoma
- **Combined Effects of Drought and Water Management on the Flow Regime of the Kiamichi River, Oklahoma**
  David Szpakowski and Jason P. Julian
  Texas State University
- **Changing Ecosystem Services in the Fastest Growing City in the Nation**
  Graham Daly and Jason P. Julian
  Texas State University
- **Identifying Critical Source Areas of Sediment Runoff and their Effect on River Water Quality Using High-Resolution Spatio-Temporal Datasets**
  Ioannis Kamarinas (1), Jason Julian (1), Braden Owsley (2), Kirsten de Beurs (2), Andrew Hughes (3)
  (1) Texas State University, (2) University of Oklahoma, (3) National Institute of Water and Atmospheric Research (New Zealand)

Friday, October 24, 2014

Poster Session 2: 3:30 PM – 5:20 PM

- **Spatiotemporal Changes in Interior Least Tern Sandbar Habitat Along the Red River Below Denison Dam**
  K.B. Newcomer (1,2), Jason Julian (1,2), and Kimberly Meitzen (1)
  (1) Texas State University, (2) Landscape Land Use Change Institute
- **Governance and Land Use Cover Change in the Southern Great Plains: A Case Study from Cimarron County, OK and Union County, NM**
  Nicole Colston (1), Todd Fagin (2,3), Amy Graham (1), Jacqueline Vadjunec (1)
  (1) Oklahoma State University, (2) University of Oklahoma, (3) Oklahoma Biological Survey/Oklahoma Natural Heritage Inventory
- **Legacy Effects of Land Use and an Extreme Precipitation Event on River Turbidity in the Manawatu Catchment, New Zealand**
  Samantha Abbott (1,2), Ioannis Kamarinas (1,2), Jason Julian (1,2), and John Dymond (3)
  (1) Texas State University, (2) Landscape Land Use Change Institute, (3) Landcare Research, Soils & Landscapes Team (New Zealand)
- **Monitoring Inter- and Intra-Annual Vegetation Dynamics on U.S. Army Training Lands using MODIS Composite Imagery and Temporal Decomposition Methods**
  J.M. Shawn Hutchinson (1), Anne Jacquin (2), Stacy L. Hutchinson (1), and Jan Verbesselt (4)
  (1) Kansas State University, (2) Université de Toulouse Ecole d'Ingénieurs de Purpan (France), (3) Wageningen University (The Netherlands)

University/Organization	Total Registrations	University/Organization	Total Registrations
University of Oklahoma	41	University of Kansas	2
Texas State University-San Marcos	28	W.H. Freeman/Macmillan Education	2
New Mexico State University	22	Adams State University	1
University of New Mexico	22	Austin Community College	1
Kansas State University	19	Cengage Learning	1
University of North Texas	19	Dartmouth College	1
South Dakota State University	12	Department of the Interior	1
United States Air Force Academy	12	Fort Hays State University	1
University of Northern Colorado	11	Gulfport Energy Corporation	1
University of Colorado Denver	10	Louisiana State University	1
University of Wyoming	10	New Mexico Highlands University	1
University of Nebraska at Kearney	9	Stephen F. Austin State University	1
Oklahoma State University	8	Tarrant County College	1
University of Colorado Colorado Springs	8	Texas A&M University-Kingsville	1
Texas A&M University	6	Texas A&M University at Galveston	1
University of Denver	5	University of Arizona	1
Texas Tech University	4	University of Minnesota	1
University of Central Arkansas	4	University of Montana	1
American Sentinel University	3	University of Nebraska-Lincoln	1
Brigham Young University	3	University of North Dakota	1
China Agricultural University	2	University of Texas at Austin	1
Fort Lewis College	2	University of Texas at San Antonio	1
Southwestern University	2	University of Utah	1

Friday, October 24, 2014

Paper Session F: 3:40 PM – 5:20 PM

F01 Academic Publishing Panel | Cochiti (Convention Center)

Organized by Melinda Harm Benson (University of New Mexico)

Discussants:

- K. Maria D. Lane – Editor, Historical Geography (University of New Mexico)
- John Tiefenbacher – Editor, Southwestern Geographer (Texas State university – San Marcos)
- Bimal Paul – Editor, Geographical Review (Kansas State University)
- Michael Leon Trujillo – Co-Editor of Contextos Book Series from University of New Mexico Press
- Ronald Keith Gaddie – Editor, Social Science Quarterly (University of Oklahoma)

F02 Transportation & Urban | Isleta-Jemez (Convention Center)

- **Urban Growth and Development Re-imagined (in Minnesota)**
  *Rod Squires
  University of Minnesota
- **Urban Transport Governance and Public Dialogue: A Transition to Compressed Natural Gas in Bolivia**
  Jerl Levi McCollum
  University of North Texas
- **Internship Program at the United Nations Office at Nairobi: Building a National Urban Policy Database for United Nations Human Settlements Programme (UN–Habitat)**
  Gaurav Thapa
  New Mexico State University
- **Revisiting the Functional Region: Two Case Studies of Cargo Transport and Economic Development**
  Michael S. Yoder
  University of Central Arkansas
- **Mediating Power: The Agency of Urban Open Space in the Post-Industrial City**
  Joern Langhorst
  University of Colorado Denver

F03 Media and Social Networks | Navajo-Nambe (Convention Center)

- **Viewing China through the Geopolitical Lens of Late-Night Humor**
  *Darren Purcell
  University of Oklahoma
- ~~**Metageographic Communities: Structuring the Non-place Place**~~
  ~~Katherine Nashleanas~~
  ~~University of Nebraska- Lincoln~~
- ~~**The Relationship of Social Media and Area Marketing in Promoting Boy Bands**~~
  ~~Susanna Diller~~
  ~~University of Colorado at Denver~~
- **Geographic Discourse in Children's Literature**
  Deborah G. Hann
  Texas State University
- **The Appalachian Trail: Visual Discourse of the National Geographic Society**
  Benjamin Prince
  Texas State University

Friday, October 24, 2014

Paper Session F: 3:40 PM – 5:20 PM

F04 Health | Santa Ana (Convention Center)

- **An Individual-based Assessment of Air Pollution Exposure and Health Risk**
  *Yongmei Lu
  Texas State University
- **Influence of the Choice of Disease Mapping Method on Population Characteristics in Areas of High Disease Burdens**
  Khyati Desai, Chetan Tiwari, and Joseph Oppong
  University of North Texas
- **Analyzing Human Health Effects and Perceptions of Using Shampoo and Conditioner that uses Sodium Lauryl Sulfate as an Emulsifier**
  Madeline Hinchliffe, and Travis Gliedt
  University of Oklahoma
- **Landscape of Cervical Cancer Screening, Diagnosis and Pre-Cancerous Treatment Services in New Mexico, USA**
  Yolanda J. McDonald (1), Michael Schwind (1), Daniel W. Goldberg (1), Isabel Scarinci (2), Philip E, Castle (3), Jack Cuzick (4), Ann Powell (5), Michael Robertson (5), and Cosette M. Wheeler (5,6)
  (1) Texas A&M University, (2) University of Alabama, (3) Global Coalition Against Cervical Cancer, (4) University of London (UK), (5) University of New Mexico, (6) New Mexico HPV Pap Registry Steering Committee
- **Doves and Dust Revisited: An Improved Object-Oriented Maximum Entropy Approach for Modeling Dust Sources from Presence-Only Data**
  Charles P. Jackson and Curtis W. Atherton
  New Mexico State University

F05 Place Mapping | Zuni-Tesuque (Convention Center)

- **Spatial-Temporal Cluster Analysis to Identify Emerging Agglomeration of Texas Wineries, 1973-2014**
  *Thomas C Shelton
  Texas State University – San Marcos
- **Where is the Texas Hill Country?**
  Don Jonsson
  Austin Community College
- **Animated Growth of Colorado Springs**
  John Harner
  University of Colorado
- **Benefits of Return Migration to Rural U.S. Communities**
  Christiane von Reichert (1), John Cromartie (2), and Ryan Arthun (1)
  (1) University of Montana, (2) Economic Research Service, U.S. Department of Agriculture
- **Sacred Space and Globalization: An Historical and Geographical Appraisal**
  Alyson Greiner
  Oklahoma State University

Friday, October 24, 2014

GeoBowl, Business Meetings, and Banquet and Awards Dinner

GPRM GeoBowl Competition: 3:45 PM – 6:15 PM

Preliminary Rounds | Valencia, Majorca, Catalina (Andaluz Hotel)

Championship Round | Majorca (Andaluz Hotel)

Region Business Meetings: 5:30 PM – 6:30 PM

GRPM Business Meeting | Cochiti (Convention Center)

SWAAG Business Meeting | Jemez-Isleta (Convention Center)

6:30 PM – 9:00 PM

Banquet and Awards Dinner | Historic Albuquerque Railyards

KANSAS STATE
College of Arts and Sciences

Sponsored by College of Arts & Sciences, Kansas State University

- **Bar Opens –** 6:30 PM
- **Dinner Served –** 7:15 PM
- **Program Begins – 7:45 PM**
  - Opening Remarks: Dr. Charles Martin, Kansas State University
  - Keynote Presentation: Dr. Mona Domosh, Dartmouth College
  - Acknowledgements: Dr. K. Maria D. Lane, University of New Mexico
  - Presentation of Student Awards
- **Notes:**
  - Shuttle service from Andaluz Hotel to Railyards begins at 6:20 PM and ends at 7:20 PM.
  - Shuttle service from Railyards to Andaluz Hotel begins at 9:00 PM and ends at 10:00 PM
  - The Albuquerque Railyards is a partial open air venue. Attendees should come prepared for cool weather with warm jackets!

Field Trips

Meet in Andaluz Hotel Lobby; Depart from Copper Avenue Entrance

Albuquerque's Public Art

Host: Joni M. Palmer, University of New Mexico
Duration: Half Day (8:30 AM – 11:30 PM)
Recommended: Urban touring clothes and water bottle.
Cost: $5.00

This field trip serves as an introduction to, and exploration of, Albuquerque's public art and cultural/urban geography. Albuquerque's public art program just celebrated 35 years, marking it as one of a dozen of the early 1% programs in the United States. We will start at Albuquerque's City Hall, where the Public Art Program Manager will provide a brief overview of the public art program before we embark on an urban exploration of some of the highlights of the collection (ranging from early pieces to more recent installations).

From Conquistadors to Casinos: The Cultural Landscapes of I-40

Host: Jeffrey Smith, Kansas State University
Duration: Full Day (8:30 AM – 5:30 PM)
Recommended: Sturdy walking shows, water bottle, and long pants.
Cost: $35.00 (includes transportation and lunch)

This field trip explores both Indigenous- and Spanish-settled communities west of the Duke City. Emphasis is placed on land use patterns, water rights and usage, religious practices, and contemporary economic livelihood. Lunch (included in the price) will feature local Nuevo Mexicano cuisine.

Decoding the Myth of Santa Fe

Host: John Carr, University of New Mexico
Duration: Full Day (8:30 AM – 5:00 PM)
Recommended: Sturdy walking shows, water bottle, and long pants.
Cost: $10.00 (includes train ticket; lunch on your own)

This field trip serves as an introduction to and a deconstruction of Santa Fe's urban geography. At once one of the oldest European settlements in the US, a pioneer of urban "place marketing," and an increasingly important node in transnational networks of art, tourism, and biotech research, Santa Fe is one of the most unique and engaging cities in North America. This field trip traces the ways that competing ideas of history, authenticity, modernity, progress, and citizenship manifest in the built environment.

Saturday, October 25, 2014

Field Trips

Meet in Andaluz Hotel Lobby; Depart from Copper Avenue Entrance

Landscapes Remnants of the Hispano Homeland

Host: Brock Brown (Texas State University) and Richard Nostrand (University of Oklahoma, Emeritus)
Duration: Full Day (8:00 AM – 4:00 PM)
Recommended: Sturdy walking shows, water bottle, and long pants.
Cost: $25.00 (includes transportation; lunch on your own at Plaza Hotel in Las Vegas)

The archaic folk culture that evolved in Northern New Mexico was unique among North American Spanish Homelands. The Pecos Enclave provides enduring examples of landscape remnants of this disappearing cultural expression. Traveling through the San Miguel del Bado Land-grant, we will visit tiny villages, explore an acequia system, and observe landscape features such as long lots, old churches, and crumbling urban landscapes. El Cerrito, the village where we will spend the most time, has been recreated in the virtual space in Second Life where students can attend a field school with avatars. The link http://vimeo.com/49795972 will take you to a four minute video overview and is recommended for viewing before the field trip.

Urban Wildlife Refuges and the Future of Flood Control

Host: John Kelly and Melinda Harm Benson (University of New Mexico)
Duration: Half Day (8:30 AM – 12:30 PM)
Recommended: Sturdy walking shoes, water bottle, and long pants.
Cost: $18.00

Monsoonal rain patterns and mountain backdrops result in a complex and interesting stormwater management challenge for the City of Albuquerque. This field trip will tour the Albuquerque Metropolitan Arroyo Flood Control Authority projects for flood control, including the Valle de Oro Urban Wildlife Refuge, a wetlands restoration project that will use the city's stormwater runoff to help create Albuquerque's first urban wildlife refuge.

See You Next Year!

SWAAG	GPRM
San Antonio, Texas	Kearney, Nebraska
Texas State University	University of Nebraska - Kearney