

APCG '17

**Association of Pacific Coast Geographers
80th Annual Meeting**

Sustainable Communities

October 25–28, 2017

Chico, California

Hosted by the Geography & Planning Department
and Alumni Advisory Board at CSU, Chico

ACKNOWLEDGEMENTS

Conference Organizers

Mark Stemen Scott Brady
Dean Fairbanks Jessie Mendoza

Field Trip Organizers

LaDona Knigge Scott Brady Dean Fairbanks
Ryan Miller Don Hankins

Student Assistants

Grace Patterson Ian Stufkosky Milisa McKinney

Volunteers

Carlee Agar Natalie Kinney Suzanne Hartman
Raymond Santana Jamie Martin Maggie Bostic
Mark Budd Oscar Rodriguez Italia Cardenas
Michaela Marr Sophia Bednar

Special Thanks

Bob Richardson Steve Cunha Elena Givental
Awards Committee

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Local Arrangements

Cheri Chastain James Slayer Thomas Rider
Tanner Turner Jahm Ehrke Drew Maxwell

Very Special Thanks

William Bowen

SUMMARY SCHEDULE

Wednesday, October 25

- 4:00pm – 7:00pm Registration (Colusa Hall Foyer)
- 6:00pm – 7:30pm Welcome and Opening Presentation. (Colusa 100 A & B)
- 7:30pm – 8:30pm Reception with Light Refreshments (Colusa 100)

Thursday, October 26

- 8:00am – 9:00am Registration (outside Holt Hall)
- 1:00pm – 4:00pm Registration (Butte Hall 507/509)
- 5:00pm – 6:30pm Registration (SNB Mezzanine)
- 8:00am – 4:00pm Field Trips
- 5:00pm – 7:00pm 80th Annual APCG Conference Opening Reception (Sierra Nevada Brewery Big Room)

Friday, October 27

- 7:30am – 10:00am Executive Committee Meeting (Sylvester's 104)
- 8:00am – 12:00pm Registration (Colusa Hall Foyer)
- 1:00pm – 4:00pm Registration (Butte 507/509)
- 10:00am – 5:00pm Concurrent Sessions
- 12:00pm – 1:00pm Executive Committee Meeting, cont. (Sylvester's 104)
- 5:00pm – 7:00pm Conference Barbeque (Madison Bear Garden)
- 6:30pm – 2:00am Informal Gatherings Downtown

Saturday, October 28

- 8:00am – 10:00am APCG Booth at Chico Certified Farmers Market
- 9:00am – 11:00am Registration (BMU 100 Foyer)
- 9:00am – 5:00pm Concurrent Sessions
- 9:00am – 12:00pm Poster set-up (Bell Memorial Union Atrium)
- 12:00pm – 4:00pm Poster Session (Bell Memorial Union Atrium)
- 12:00pm – 1:30pm Women's Network Lunch (BMU 220G)
- 5:00pm – 6:00pm World Geography Bowl (BMU 210)
- 5:00pm – 6:00pm APCG Business Meeting (BMU 205)
- 6:00pm – 9:00pm Awards Banquet and Presidential Address (Bell Memorial Union Auditorium)

WEDNESDAY, OCTOBER 25

Registration

4:00pm – 7:00pm Colusa Hall Foyer

Welcome and Opening Session

6:00pm – 7:30pm Colusa 100 A & B

Opening Blessing

Kyle McHenry | Mechoopda Tribal Council

Welcome

Dean Fairbanks | CSU, Chico

Department of Geography and Planning

Glen MacDonald | UCLA

Past President of the American Association of Geographers

Keynote Address

David Little | Editor, Chico Enterprise Record

Why Locals Are So Dam Mad: The Crumbling

Oroville Spillway (a story that didn't have to happen)

Reception with Light Refreshments

7:30pm – 8:30pm Colusa 100

THURSDAY, OCTOBER 26

Registration

8:00am – 9:00am Outside Holt Hall

Field Trips

Agricultural Landscapes: Rice to Ruin

9:00 a.m. – 4:00 p.m.

Meet bus outside Holt Hall

*Trip Leader: **Scott Brady***

Gray Lodge Pacific Flyway: Birds and Brews

9:00 a.m. – 1:00 p.m.

Meet at City Plaza on Broadway Street side

*Trip Leader: **Dean Fairbanks***

Chico Historic Downtown Tour: Mixing New and Old

1:00 p.m. – 4:00pm

Meet outside The Hotel Diamond, 220 W 4th St

*Trip Leader: **Ryan Miller***

The Feather River Fish Hatchery and Oroville Dam: The Best Dam Tour Around

9:00 a.m. – 4:00 p.m.

Meet bus outside Holt Hall

*Trip Leader: **LaDona Knigge***

Fire Resilient Landscapes

9:00 a.m. – 1:00 p.m.

Meet at City Plaza on Broadway Street side

*Trip Leader: **Don Hankins***

Opening Reception and Social Hour

5:00pm – 7:00pm Sierra Nevada Brewery Big Room

Welcome by CSU, Chico **Provost Debra Larson** and College of Social and Behavioral Science **Dean Eddie Vela**. Light appetizers and a No-Host bar.

FRIDAY, OCTOBER 27

Registration

8:00am – 12:00pm Colusa Hall Foyer

Executive Council Meeting

7:30am – 10:00am SYLVESTER'S 104

Friday Paper Sessions B

10:00am – 11:45am

Geographic Education (COLUSA HALL 100A)

Chair: **Elisabeth J. Sedano**, University of Southern California

10:00am | **Zia Salim**, California State University, Fullerton

Facilitating Student Research through Campus-Community Partnerships: Case Studies from Undergraduate Urban Geography Courses

10:20am | **Dianne Meredith**, California State University-Maritime Academy

Maritime Issues from Land-Based Perspectives: Teaching the Indian Ocean Rim

10:40am | **Jackie M. Silber**, Pennsylvania State University

Geographic Distribution of STEM Degree Return on Investment

11:00am | **Cheryl L. King**, California State University Fullerton**

Advocating for Geography Literacy in K-12 Education for Readiness in College, Career, and Global Citizenship: Part II

11:20am | **Elisabeth J. Sedano**, University of Southern California

Teaching Critical Physical Geography in a General Education Setting: The Case of The Water Planet

Student Paper Competition

* Undergrad

** MA

*** Ph.D

Politics, Recreation, and Technology: The Shaping of North America's Parklands (COLUSA HALL 100B)

Chair: Terence Young, Cal Poly Pomona

10:00am | **Terence Young**, Cal Poly Pomona

'The Most Elaborate and Valuable Apparatus': Transnational Politics and the Linking of Canadian and American Park Agencies

10:20am | **Yolonda Youngs**, Idaho State University

Seeing Nature, Tracing Culture: Repeat Photography, Cultural Landscapes, and River Recreation in National and State Parks

10:40am | **John Crowell** and **Michael Pretes**, University of North Alabama

The Millennial Generation, Generation Z, and National Parks: A Case Study of Visitor Age Trends in Olympic and Mount Rainier National Parks

Departmental Mergers (SYLVESTER'S 100)

Organizer: Jeff Baldwin, Sonoma State University

Panelists:

Jenny Zorn, California State University, Bakersfield

Rob Kent, California State University, Northridge

Bryant Evans, Houston Community College

Ramin Zamanian, Northwest College, HCC

Jaquelin Chase, California State University, Chico

Laura Watt, Sonoma State University

Across the CSU and the US, Geography Departments are contemplating and often engaging in mergers with complimentary departments. The potential benefits and challenges are many. Our discussion panel will feature short presentations from several colleagues who have undertaken mergers, followed by an extended, audience-centered discussion. Bring your concerns and questions.

Lunch

11:45am - 1:00pm

Registration

1:00pm - 4:00pm Butte 507/509

Friday Paper Sessions C

1:00pm – 2:45pm

The Environment 1 (SYLVESTER'S 100)

Chair: Henry H. Krichbaum, University of Nevada, Reno

1:00pm | **Helen Mino Faulkner**, University of Nevada, Reno
Understanding the Quality, Price, and Distance-to-Store for Yellow Onions

1:20pm | **Austin D. Evans**, University of Nevada, Reno
Influence of Wild Horses on the Physical Landscape of Nevada

1:40pm | **Kylie Warne**, University of Nevada, Reno
The Influence of Rising Temperatures in the Arctic Sea on Narwhals

2:00pm | **Zackery Thill**, University of Oregon***
Constructing Scales and Contesting Science: Environmental Monitoring in Northern Alberta

2:20pm | **Henry H. Krichbaum**, University of Nevada, Reno
Viability of Geothermal as an Alternative Energy in the Western US: An Economic Analysis

Geography and the World (COLUSA HALL 100B)

Chair: Sara Salazar Hughes, Mount Holyoke College

1:00pm | **Clark Akatiff**, Palo Alto, California
The Fabulous Life and Mysterious Death of William Bunge, Radical Geographer, 1928-2013

1:20pm | **Lidia Mezei**, University of Nevada, Reno
Heritage and Nationalism in Hungarian Ethnic Religious Revival

1:40pm | **William Selby, Rob O'Keefe** and **Jing Liu**, Santa Monica College
Your New California Geography Web Site: Improved, Updated, Authoritative

2:20pm | **Sara Salazar Hughes**, Mount Holyoke College
Unbounded Territoriality: Territorial Control in the Occupied Palestinian Territories

Oh, The Wonderful Things You Can Do with a Degree in Geography (COLUSA HALL 100A)

Organizers and Chairs: **Mark Stemen**, California State University Chico and **Jeff Schwein**, Green DOT Transportation Solutions

Panelists:

Dean Fairbanks, California State University, Chico, Department Chair

Cheri Chastain, Sierra Nevada Brewery Co., Sustainability Manager

Steven Maxey, County of Merced, Deputy Director of Planning

Susan Forbes, USDA, Stanislaus National Forest, Range Management Specialist

Kristina Miller, City of Corning, City Manager

The Geography and Planning Department at CSU, Chico created an Alumni Advisory Board to advise and assist the department, and to participate in activities with the students. After a brief description of the Advisory Board, panel of alumni from the CSU, Chico Geography and Planning Department will talk about the wide variety of careers they have pursued with their degrees after graduation, followed by a discussion. This session is intended to expose students and attendees to the wide variety of professions open to graduates with a geography degree.

Clif Sellers Reception with Light Refreshments

2:40pm – 3:00pm

Friday Paper Sessions D

3:00pm – 4:45pm

Environmental Geography II (SYLVESTER'S 100)

Chair: **Katherine G. Sammler**, California State University, Maritime Academy

3:00pm | **Birendra Rana**, University of Nevada Reno***

A Temporal and Spatial Assessment of Small Hydropower Production, Services and Values in Nepal

3:20pm | **Ingrid Behrsin**, University of California, Davis

De/Composing Carbon: Technoscience and the Political Economy of EU Waste-to-Energy Regulation

3:40pm | **Genie Bey**, California State University, Long Beach**

Cultivating Social-Ecological Resilience and Climate Change Adaptation through Green Infrastructure in Long Beach, California

4:00pm | **Joseph M. Klein**, California State University, San Bernardino

Reconstructing the Dialectics of Climate Change for a Skeptical American Consciousness

4:20pm | **Katherine G. Sammler**, California State University, Maritime Academy

Fog, Clouds, and Rain: Incorporating the Atmosphere into a Hydrosocial Framework

Health, The Young, and Geography (COLUSA HALL 100B)

Chair: **Stuart C. Aitken**, San Diego State University

3:00pm | **Mathew C. Schmidlein**, **Heather Diaz**, and **Dale Ainsworth**,

California State University, Sacramento

A Mixed-Methods Approach to Identification and Prioritization of Significant Health Needs in Community Health Needs Assessments

3:20pm | **Daniel Ervin** and **David López-Carr**, University of California, Santa

Barbara; **Rene Nevarez Sanchez** and **Silvia Mejia Arango**, El Colegio de La Frontera Norte

Rural and Indigenous Origin Predicts Diet Change and Diet-Related Anthropometrics in Recent Migrants to Tijuana, MX

3:40pm | **Richard Price**, University of Nevada-Reno

Luminosity's Unseen Danger: The Relationship Between Artificial Light and Cancer in Humans

4:00pm | **Yi Yu**, University of Oregon
Providing Institutional Home for the Elderly Through Public-Private Partnership—a case study of community eldercare in Shanghai, China

4:20pm | **Stuart C. Aitken**, San Diego State University
Young People's Rights and Sustainable Ethics

Clif Sellers Planning Soapbox (COLUSA HALL 100A)

*Organizers and Chairs: **Jeff Schwein**, Green DOT Transportation Solutions, and **Mark Stemen**, California State University Chico*

Panelists:

Jeff Schwein, Principal Transportation Planner, Green DOT Transportation Solutions
Connecting the North State with Battery Electric Buses

Megan Gosch, Principal, Geografika
GIS Applications for California High Speed Rail

Aubrey Rose, Supervisor, City of Oakland
Rural Planning in an Urban Environment

Molly Marcussen, Civic Spark Fellow, Butte County Planning Department
Climate Change Vulnerability Assessment

In honor of a long serving planner for the City of Chico, the CSU Chico Alumni Advisory Board is hosting the Clif Sellers Planning Soapbox. After a brief description of Clif's Sellers and the new scholarship in his name, Alumni planning professionals will present quick five-minute presentations on the most interesting projects they have worked on, followed by a panel discussion. This session is intended to expose students and attendees to the wide variety of projects worked on by geographers and planners throughout the world. It is also intended to provide insight into the progressive work being done by professionals to improve society and the environment.

Annual Barbeque

5:00pm – 7:00pm Madison Bear Garden

SATURDAY, OCTOBER 28

Registration

9:00am – 12:00pm BMU 100 Foyer

Visit the Chico Certified Farmers Market

As the local hosts, we are especially proud of the local “Farm to Fork” gourmet dinner we are serving at the Awards Banquet. On Saturday morning, from 8am to 10am, we will have an APCG table at the Chico Saturday Farmers Market in downtown Chico where we will be celebrating the many farms and farmers providing food for our banquet. Essential Travel ranked the Chico Saturday Market among the top 10 Farmers Markets around the world. We think you will agree. The first thirty people who show their conference badge at our table will receive \$1 coupon for their market purchase.

Saturday Paper Sessions B

10:00am – 11:45am

MODELING I (BMU 100)

Chair: Elizabeth Ridder, California State University, San Marcos

10:00am | **Maranda J. Hamilton, Summer L. Grandy,** and **Ted C. Eckmann,** University of Portland*

Modeling Soil-Vegetation-Atmosphere Interactions on a Green Roof in Current and Future Climates

10:20am | **Sasha N. Lower, Abigail Kessi, Isabella Neuzil,** and **Ted C. Eckmann,** University of Portland*

Economic Valuation of Large Coniferous Trees in Urban Areas

10:40am | **Annemarie Morach, Anjali Haripriyan, Audra McNamee** and **Ted C. Eckmann,** University of Portland*

Measuring and Modeling Microclimate Impacts of Sequoiadendron giganteum

11:00am | **Marcella A. Rose,** California State University, Northridge
Utilizing UAS-Derived Earth Observations to Analyze Vegetation Health and Heat-Islands for a Sustainable Campus

11:20am | **Elizabeth Ridder,** California State University, San Marcos
Past, Present, and Future of Woody Trees and Shrubs on Cyprus

Geography and Water I (BMU 203)

Chair: Steven M. Graves, California State University, Northridge

10:00am | **Gregory S. Bohr**, Cal Polytechnic State University, San Luis Obispo
Variability in California Snowpack, and the Contribution of Extreme Storm Events

10:20am | **Kerri Jean Ormerod** and **Leann Silvia**, University of Nevada, Reno
Newspaper Coverage of Potable Water Reuse at Orange County Water District's Groundwater Replenishment System

10:40am | **Robert Farnum**, University of Nevada, Reno
Concerns for Earth Dam Safety in the 21st Century: Additional Safety Concerns for U.S. Earth Dams From Extreme Weather Events

11:00am | **Steven M. Graves**, California State University, Northridge
Domestic Water Consumption: Profligacy and Conservation in Santa Clarita

Economic and Tourism Geography (BMU 204)

Chair: Kyle Loewen, The University of British Columbia

10:00am | **Elena Givental**, California State University, East Bay
"Using Capitalism to Save Socialism": International Tourism in Havana, Cuba

10:20am | **Gina K. Thornburg**, Independent Scholar-Activist
The Neoliberal Trap: When Direct-Market Policy Fails Small- to Midscale Growers

10:40am | **John Phillips**, University of Nevada Reno
Economic Success in the Basque Country in Modern History: The Case of Mondragon Corporation

11:00am | **Noelle Ruggieri**, University of Nevada, Reno
Examining Gay-Friendly Rankings in the Case of Reno, Nevada

11:20am | **Kyle Loewen**, The University of British Columbia
Producing Delivery: Gender, Work, and the (re)Construction of Retail Markets

Climate Action in the Classroom: Innovative Pedagogies for Teaching Climate Justice, Adaptation, Resilience, and Sustainability in Higher Ed (BMU 210)

Chair: Lily House-Peters, California State University Long Beach

10:00am | **Jeff Baldwin**, Sonoma State University

Sustainability Education through Active-Learning in Large Lecture Settings: Evaluation of Four Out-Of- Class Exercises

10:20am | **Lily House-Peters**, California State University Long Beach

Integrating Climate Justice & Social Justice in the Geography Classroom: An Experiential Pedagogy Approach

10:40am | **Sanchayeeta Adhikari**, California State University, Northridge

Climate Change Debate: a Class Assignment on Evaluating Digital Media Content

11:00am | **Devin M. Lea**, University of Oregon

Bringing place and student agency to physical geography discussions of climate change

11:20am | **Tera B. Trujillo**, California State University, Northridge

Knowledge that Grows: Educational and Sustainable Food Production and Waste Reduction on Campus

Political Geography II (BMU 303)

Chair: Jacquelyn R. Chase, California State University, Chico

10:00am | **Sophia Borgias**, University of Arizona.

Rule of Law in a Resource Colony: The Struggle for Water and Sovereignty in the Owens Valley of California.

10:20am | **Don L. Hankins**, California State University, Chico, California Indian Water Commission.

Ecocultural Equality in the Miwko Waali

10:40am | **Robin E. Datel**, California State University, Sacramento.

Civil Rights Geographies: Geography Awareness Week 2017 at California State University Sacramento.

11:00am | **Terry Simmons**, Center for Global Policy Studies,

Constitutional and Spatial Dilemmas for Free Speech on Campus.

11:20am | **Jacquelyn R. Chase**, California State University, Chico; **Denise de**

Castro Pereira, **Liliane Oliveira Guimarães** and **Paulo Victor Siffert**, PUC Minas.
Where is the Struggle? Content Analysis of Field Research with Communities Displaced by Mining in Brazil.

Lunch

11:40pm – 1:00pm

Women's Network Lunch

11:40pm – 1:00pm BMU 220G

President's Reception/Poster Session

12:00pm to 4:00pm

Michael W. Andrews, California State University Maritime Academy,
J. Anthony Koslow, Scripps Institution of Oceanography, **Ian Perry**, Fisheries
and Oceans Canada, **Moira Galbraith**, Fisheries and Oceans Canada,
Janet T. Duffy-Anderson, Alaska Fisheries Science Center
*Coherence in Fish Communities Across the California and Alaska Currents:
Principal Component Analysis of Ichthyoplankton Abundance Time-Series*

Dani M. Castillo and **Ted C. Eckmann**, University of Portland
Democratizing High-Resolution Orthoimage Generation Using Drones

Kenia D. Conner, California State University Maritime Academy
*Possible Areas for Both Onshore and Offshore Wind Farms in the
Hawaiian Islands*

Jonathan C. DeBoer, University of Nevada, Reno, **Aaron M. Bauer**,
Villanova University, and **Jill S. Heaton**, University of Nevada, Reno
Ecological Modeling of the New Caledonian Gecko Genus, Bavayia

Michael R. Fischella, University of California, Los Angeles
*Investigating the Influence of Climate and Precipitation on Dryland
Ecohydrology*

Mark A. Hedlund, California State University, Sacramento
Geographic Impacts of Sacramento's Fruit and Vegetable Canneries

Bethany R. Johnson, California State University Maritime Academy
Environmental Imperialism in the Pacific: A History of the Johnston Atoll

Brendan W. Lawrence and **Jill S. Heaton**, University of Nevada, Reno
*Determining the Spatial Footprint and Intensity of Reno, Nevada's
Urban Heat Island*

Avishesh Neupane and **Daniela F. Cusack**, University of California
Los Angeles. *Effects of Warming on the Fate of Carbon Across a
Hawaiian Soil Mineralogical Gradient*

Noriyuki Sato, California State University, Chico, and **Chelsea L. Teale**,
Humboldt State University
*Infusing New Tools into a Climatology Course: American Meteorological
Society Climate Studies Diversity Project*

Saturday Paper Sessions C

1:00pm – 2:45pm

Geography and Water II (BMU 203)

Chair: **Dean H. K. Fairbanks**, California State University, Chico

1:00pm | **Brian Pompeii**, Cal Poly - San Luis Obispo

Revealing Political Vulnerability in the Wake of the Great California Drought: Tulare County, CA

1:20pm | **Alexander J. Lyon**, University of Nevada of Reno

Glacial Retreat in Santiago, Chile and the Cordillera Blanca, Peru and the Influence on Water Supplies

1:40pm | **Zachary P. Sugg**, Stanford University

Understanding the Role of Water Resource Decision Support Tools for River Management and Aquifer Recharge in the California Central Valley Project

2:00pm | **Dean H.K. Fairbanks** and **Anita M. Chaudhry**, California State University, Chico

Selling Water from a Distance or the Neighbor Effect?: Drought Driven Short-term Agricultural Water Sales in Northern California's Private Irrigation Districts

Place and Geography (BMU 204)

Chair: **Matthew T. Fuller**, University of Victoria

1:00pm | **Bidita J. Tithi**, University of California, Davis***

(Re)Claiming Multi-sensorial Landscape Representations as Counter-conducts: Reflections on Sensing and Resisting Remotely

1:20pm | **Brian Garcia**, University College London

Place and Public Transport

1:40pm | **Sean J. Pries**, University of California, Davis***

"The Past is the Key to the Present:" Landscape of the Upper North Fork American River

2:00pm | **Rajrani Kalra**, California State University, San Bernardino

Exploring Sikhs and Sikhism In and Around California

2:20pm | **Matthew T. Fuller**, University of Victoria

Alliance-building on the Thin Green Line: Indigenous/non-indigenous Confrontations with Extractivist Industries and a Case Study of the Lummi Nation Totem Pole Journey

Modeling II (BMU 210)

Chair: Ian M. Dunham, San Francisco State University

1:00pm | **Logan K Simpson** and **Ted C. Eckmann**, University of Portland*
Computational Modeling of Industrial Odors in Portland, Oregon using AERMOD

1:20pm | **Joe L Walker**, University of Portland*
Forecasting Air Pollution Using K-Nearest Neighbor and Genetic Machine Learning Algorithm

1:40pm | **Rheyne Laney**, Sonoma State University
Assessing Payment-for-Environmental-Services (PES) Projects In Support of Wildlife Habitat on Agricultural Working Lands

2:00pm | **E. Jamie Trammell**, Southern Oregon University
Salmon 2050: Using Scenario Analysis to Develop an Integrated Understanding of Uncertainty

2:20pm | **Ian M. Dunham**, San Francisco State University
Citizen Science for Urban Forest Management: Data Density and Richness of Urban Forest Volunteered Geographic Information

GIS (BMU 303)

Chair: Julia L. Goldsworth, University of Southern California

1:00pm | **Naomi W. Lazarus**, California State University, Chico
A Risk Assessment of the Dengue Virus in Southwestern Sri Lanka

1:20pm | **Jeffrey S. Jenkins**, University of California, Merced
CAMERA: Developing a Comparative Photographic Assessment to Communicate Climate Change and Survey Participants on Management Preferences in the Sierra Nevada

1:40pm | **Ajay S. Singh**, California State University, Sacramento, and **Francis Eanes**, Bates College
Communicating the Uncertainty of Climate Change to a Skeptical Population: An Examination of Aleatoric and Epistemic Uncertainty and Attitudes Towards Adaptation

2:00pm | **Tom Sanchez**, University of Nevada, Reno and **Robby Schlesinger**
Spatial Trends in the Flavor Profile of Craft Beers in the Contiguous United States

2:20pm | **Julia L. Goldsworth**, University of Southern California
Exploring Land Use Changes in the City of Irvine's Master Plan

Tips and Strategies in Writing Effective Proposals for the National Science Foundation (NSF) (BMU 100)

Organizer and Chair: **Antoinette Winkler-Prins**

Panelists:

Scott Mensing, University of Nevada, Reno

Antoinette Winkler-Prins, National Science Foundation (Geography and Spatial Sciences)

This outreach session is intended for faculty members, professional geographers, and graduate students who engage in geographic or spatial scientific research and who wish to learn how to prepare effective proposals for NSF. A Program Director from the Geography and Spatial Sciences (GSS) Program at the National Science Foundation (NSF) will discuss research grant opportunities at NSF, and will highlight ways to improve the quality and competitiveness of a proposal. The session will include details about the review process, including the intellectual merit and broader impacts review criteria. Successful awardees will serve as panelists offering their own insights into the process. Time for Q&A will be provided.

Saturday Paper Sessions D

3:00pm – 4:45pm

Geography and Fieldwork (BMU 203)

Chair: **Betty Elaine Smith**, Eastern Illinois University

3:00pm | **Jeffrey P. Schaffer**

Will the Sierra Nevada's Major Uplift Myth Finally Die?

3:20pm | **Patrick G. Duffy**, University of California, Berkeley

Yosemite, America's Secular Cathedral

3:40pm | **John A Menary**, California State University, Dominguez Hills
and **Ray Sumner**, Long Beach City College

Hidden Lives: Affect, Cultural Heritage, Story Mapping and Gamification in Field Methods and California Geography

4:00pm | **Ray Sumner**, Long Beach City College and **John Menary**, California State University, Dominguez Hills

Surprises in Fieldwork.

4:20pm | **Betty Elaine Smith**, Eastern Illinois University

Early Planning and Construction of Historic Ponderosa Way Firebreak and Truck Trail

Urban Geography (BMU 204)

Chair: Scott B. Kelley, University of Nevada, Reno

3:00pm | **Alexander B. Murphy**, University of Oregon

Promoting Environmental Sustainability in Megacities: Geographical Considerations

3:20pm | **Kris Bezdecny**, California State University, Los Angeles

The Dystopian Consequences to Themed Urban Utopias: The Case Study of Celebration, Florida

3:40pm | **Michael T. Lemmon**, University of Nevada, Reno

Assessing the Advantages and Disadvantages of Privately-Financed Highway Infrastructure Through Public-Private Partnerships

4:00pm | **Lorne Platt**, Cal Poly Pomona

The Natural Rhythms of Urban Space: Skateboarding the Asphalt-banked Schoolyards of Coastal Los Angeles (1975-1979)

4:20pm | **Scott B. Kelley**, University of Nevada, Reno

Autonomous Hesitancy: Spatial Patterns of Travelers Unwilling to Consider Connected and Automated Vehicles (CAVs)

Geography and Fire (BMU 210)

Chair: Cameron Krek, University of Nevada, Reno

3:00pm | **Dongmei Chen**, University of Oregon and Christopher Bone, University of Victoria

Climate, Fire Suppression and Mountain Pine Beetle Outbreaks: Conceptual Models for Socio-ecological Systems

3:20pm | **Kevin P. Sinnott**, University of Nevada, Reno

Increased Temperatures and Wildland Fires in Alaska

3:40pm | **Katherine R. Hayes**** and **Daniel Gavin**, University of Oregon

Reconstructing Paleofire in Old Growth Coast Redwood Forests of Northern California Using Pyrogenic Carbon and Soil Charcoal

4:00pm | **Micah C. Wright** and **Rosemary Sherriff**, Humboldt State University; **Amy E. Miller**, National Park Service

Warming Temperatures Induce Shift in Productivity for White Spruce Across an Ecological Gradient in Southwest Alaska

4:20pm | **Cameron Krek**, University of Nevada, Reno

Comparison of Areas in California where Trees Died from Bark Beetles Infestations with Wildland Fire

Business Meeting

5:00pm – 6:00pm BMU 205
Coffee Service

Geography Bowl

5:00pm – 6:00pm BMU 210

Annual Student Awards Banquet and Presidential Address

6:00pm – 9:00pm Bell Memorial Union Auditorium

Brief Comments on the Field

Douglas Richardson, AAG Executive Director

*The Village Homes Subdivision in Davis: Origins and
Evolution of “A Better Place to Live”*

Dennis Dingemans, APCG President