Sustainable Communities
October 25–28, 2017
Chico, California
# ACKNOWLEDGEMENTS

## Conference Organizers
- Mark Stemen
- Dean Fairbanks

## Field Trip Organizers
- LaDonna Knigge
- Ryan Miller

## Student Assistants
- Grace Patterson
- Ian Stufkosky

## Volunteers
- Carlee Agar
- Raymond Santana
- Mark Budd
- Michaela Marr

## Special Thanks
- Bob Richardson
- Awards Committee
- William Bowen

## Cover Design
- Grace Patterson

## Cover Image
- Owen Bettis

## Interior Program Design
- Jim Craine
- David Deis

## Local Arrangements
- Cheri Chastain
- Tanner Turner

## 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: LaDonna 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

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 Faukner, 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. Schmidtlein, 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*


*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.
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

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  |  **Rheyna 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