



Colorado State University

the Department of

# Anthropology



SPRING 2015

## From the Chair



It's a good thing I embrace CHANGE, because we have had more of it over the 2014-2015 academic year. All in all, the Department of Anthropology has experienced an exciting year, with many faculty and student achievements to report and celebrate. In the Spring 2014 newsletter, I reported on a few new hires in the department. It is true that we succeeded in hiring a new geographer. However, Dr.

Jennifer Lipton elected not to join the department late last summer and, instead, we had the opportunity to bring in Dr. Andrew Bliss. Dr. Bliss received his Ph.D. in 2011 from the University of California, Berkeley. He is a glaciologist and brings an important and timely perspective on climate change with regard to his research and teaching; welcome Andy! We also hired Katie Horton in the position of communications coordinator. Ms. Horton received a master's in biological anthropology in 2014. We are excited to have her join our staff and are confident she represents a perfect fit for the position.

With regard to faculty achievements, a few stood out this year. Dr. Jeff Snodgrass was a co-author on an article about the relationship between telomere length and stress published in the prestigious *Proceedings of the National Academy of Sciences*, Dr. Chris Fisher was part of a research team that identified a previously undocumented ancient city in Honduras, and Dr. Kate Browne has a new book coming out on her ongoing work on a large family affected by Hurricane Katrina – publication of the book marks the 10th anniversary of this disaster. A number of our students also enjoyed successes this year, from receiving a Fulbright scholarship to publishing an ethnography of the food movement in Fort Collins that is also a community cookbook. You will find many interesting stories in this edition of the newsletter.

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## Honduran Settlement Surveyed

by Chris Fisher

Over an 11-day period in February 2015, an interdisciplinary team of archaeologists including myself and other scientists explored and documented a remote valley in the Mosquitia region of Honduras. Over the next few years, the team will be analyzing and publishing its findings in peer-reviewed scientific journals.

In addition to the upcoming scientific publications that will result from this expedition, the Instituto Hondureño de Antropología e Historia and the Honduran president asked the team to announce its findings immediately. They did so through a short news article written by Douglas Preston, archaeological correspondent for *The New Yorker*, with photographs by David Yoder, and posted on the National Geographic website. The online post highlights the important history, ecological richness, and cultural importance of the Mosquitia region. Honduran officials wanted especially to shine a global spotlight on this highly endangered area, with the goal of protecting it as a vital part of the country's ecological and cultural patrimony. This is crucial because, at the present rate of deforestation and looting, this valley is estimated to be reached (and therefore plundered) within six to eight years. With more than a million views in less than two weeks, the response to this news article has been overwhelmingly positive.



In addition to looting, another threat to the newly discovered ruins is deforestation for cattle ranching. At its present pace, deforestation could reach the valley within a few years. (Image by David Yoder, National Geographic)

[Continued on Page 2](#)

# Department News

## Survey of Honduras Settlement

*Continued from Page 1*

The purpose of the expedition was to survey and record what appeared to be large, undocumented settlements (“cities” as defined anthropologically) in a remote valley in the Mosquitia. The settlements were first identified in a 2012 light detection and ranging survey of the area conducted by the National Center for Airborne Laser Mapping and the University of Houston for Under the LiDAR Productions with the approval of IHAH. (The May 2013 issue of *The New Yorker* magazine carried a comprehensive article on this discovery, written by Mr. Preston.) None of these settlements had been documented in academic publications, in unpublished project reports, or in any other documents present in the IHAH archaeological archive maintained in Tegucigalpa. Prior to the first airborne survey of 2012, IHAH’s then head of cultural patrimony was consulted in 2011 in order to avoid areas with already registered sites. The sites were not in the Honduran government database of cultural patrimony.

Through the 2015 fieldwork, the team was able to verify much of the initial 2012 LiDAR findings around one of the larger settlements, as well as document many features not visible in these data by verifying a sample of the overall LiDAR data. Through this work, the team demonstrated that these settlements were embedded within a human-modified landscape that includes roads and paths, water-control features such as reservoirs and canals, possible river channel modification, and agricultural terraces. This research adds a new chapter to an existing body of evidence demonstrating that the Mosquitia region was densely settled in the past. A pristine, undisturbed, and important cache of 52 ground-stone objects was located and documented both photographically and using the TLS scans to create a 3-D image of the cache with a resolution of 1cm or better, without a single object being disturbed. No excavations were undertaken; everything was left *in situ*.

While appropriate academic materials are being prepared, the FAQ about the project can be found at:

<http://resilientworld.com>



*One of many artifacts discovered in a cache at the Honduran settlement.  
(Image by David Yoder, National Geographic)*

## AAA Global Climate Change Task Force



The final report of the American Anthropological Association’s Global Climate Change Task Force concluded that human decisions, actions, and cultural behaviors are now the most important causes of the rapidly changing climate. “We’re not going to solve our environmental problems until we incorporate the social sciences, because it starts with people,” said Dr. Kathleen Galvin, professor in the Department of Anthropology and one of the researchers selected as a task force member. The Department of Anthropology thanks Dr. Galvin for this important service.

# Department News

*Continued from Page 1*

In addition, we have continued our slow progress toward housing a geography major and a Ph.D. program in the Department of Anthropology. I am confident that by next spring I will be able to announce these new programs as “done-deals.” The Department of Anthropology continues to live up to its reputation as a dynamic and vibrant place, with highly productive faculty and students.

Last year, I described my desire to organize around the mission of engagement and diversity. As anthropologists and geographers, we need to explain the relevance of our perspective so that we engage with society’s most pervasive problems as well as forge a path for anthropologists and geographers to be employed as such outside of academia. To that end, we offered two new experimental courses at the undergraduate level: Anthropology Perspectives: Evolution and Society, and the Anthropology of Science and Technology. We are also busy developing a faculty-guided internship program and a richer applied anthropology curriculum. As graduate program coordinator, Dr. Lynn Kwiatkowski was able to get a student recruitment mini-grant from the Graduate School specifically geared to recruiting ethnically diverse prospective graduate students. With this money, we were able to bring in three candidates for campus tours and interviews, and two of these students will join our graduate program in the fall of 2015. I hope you will agree that we have made some movement in a positive direction toward greater levels of engagement and diversity than existed before. However, more work needs to be done, and I will continue to focus on engagement and diversity as our organizing principle for departmental events and initiatives in the 2015-2016 academic year.

In the early fall, look for our second annual *Field Notes* report, and other announcements concerning our Anthropology Connections event during Homecoming.

I wish you a happy and relaxing summer.

Best wishes,



Mica Glantz

## International Workshop on Sustainability

Dr. Kathleen Galvin held an international workshop Jan. 28-31, 2015, on Dryland Collaborative Institutions and Innovative Transformations to Sustainability. A group of academics, scholars, managers, and practitioners of dryland collaboratives from Mongolia, Kenya, and the United States met to “discover, dream, design, and deliver” research for a Knowledge Network to address natural resource problems in rangelands. Collaboratives/conservancies constitute a new kind of problem-solving organization for sustainable drylands. Recurring droughts and other extreme climate events, global commodity markets, energy development, and land tenure are driving the development of these innovative organizations. The workshop goal was to develop research and outreach that enhance collaboratives to be resilient under change.



*International Dryland Knowledge Network participants*

## Stay involved



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[twitter.com/CSUAnthro](https://twitter.com/CSUAnthro)



[csuanthro.tumblr.com](https://csuanthro.tumblr.com)



[medium.com/@CSUAnthro](https://medium.com/@CSUAnthro)

# Department News

## The Department of Anthropology Welcomes Dr. Andrew Bliss & Dr. Shaozeng Zhang



The Department of Anthropology welcomes our newest geographer, Dr. Andrew Bliss. Projecting future glacier mass balance on regional and global scales, global sea level rise, effects of glacier changes on local hydrology, present state of glaciers on the Antarctic periphery, glaciology, climatology, hydrology, and geomorphology are the research interests of Dr. Bliss.

After receiving his Ph.D. in geography at the University of California, Berkeley, in 2011, Dr. Bliss worked on his postdoc at the University of Alaska, Fairbanks, to study the mass balance of mountain glaciers and ice caps worldwide.



Dr. Shaozeng Zhang is the Department of Anthropology's newest cultural anthropologist. Dr. Zhang has been interested in how expert knowledge can be developed, mobilized, transformed, and used in environmental policy, as well as how expert knowledge can be embedded in and shaped by social cultural relations between various actors. His most recent work was specifically focused on the

policy evolution of an environmental financial mechanism REDD+ (Reduction of carbon Emissions from Deforestation and forest Degradation) in Brazil. He has also conducted more applied research using a community-based participatory research method to design social-economic sustainability indicator systems for pilot REDD+ projects in the Brazilian Amazon.

## Dr. Chris Fisher Promoted to Professor



## Meet Our New Communications Coordinator



Katie Horton is our new communications coordinator. In 2014, she received her Master of Arts in biological anthropology at CSU and, in 2010, she completed her Bachelor of Science in biology with a concentration in evolution, genetics, and systematics. Ms. Horton is currently a research assistant for The Africa Center at CSU and working on a livelihoods project with The Nature Conservancy.

# Faculty News

## New Department Asset: High-Resolution 3-D Non-Contact Portable Profiler



By Michael Pante

The Department of Anthropology has recently acquired a high-resolution 3-D non-contact portable profiler and associated 3-D analysis software to be used in Dr. Michael Pante's Paleoanthropology and Zooarchaeology Laboratory. The device will be used to inspect and describe the traces left by human ancestors on bones and artifacts. This tool is revolutionizing paleoanthropological research and is becoming increasingly common in anthropology laboratories around the country and the world. Most recently, a similar tool was used to describe the earliest possible human engravings in an article published in the journal *Nature*.

The device will provide new research opportunities for students and faculty throughout CSU. The availability of the device will justify the export of artifacts and fossils to CSU from the renowned UNESCO World Heritage site, Olduvai Gorge in Tanzania. The device may also encourage other researchers to send artifacts from around the world to CSU for analysis. The presence of these artifacts at CSU will afford our students the unique opportunity to handle and study rare, priceless traces of human behavior and evolution. The instrument is available to the entire University and could encourage innovative and groundbreaking research, likely leading to new extramural funding opportunities.



# Faculty News

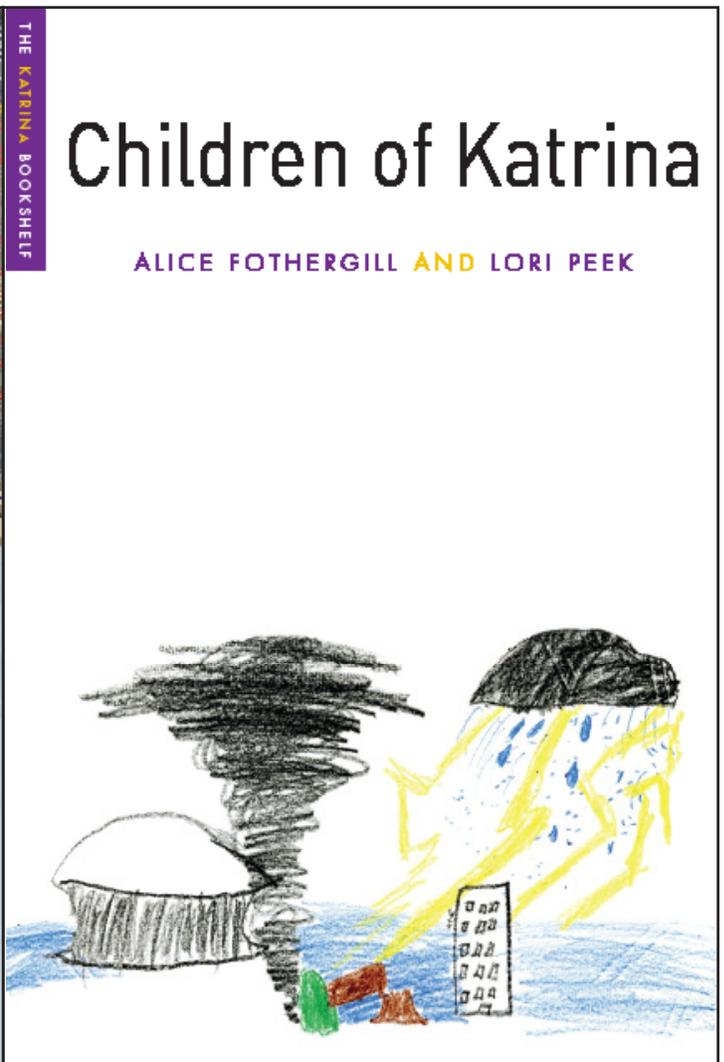
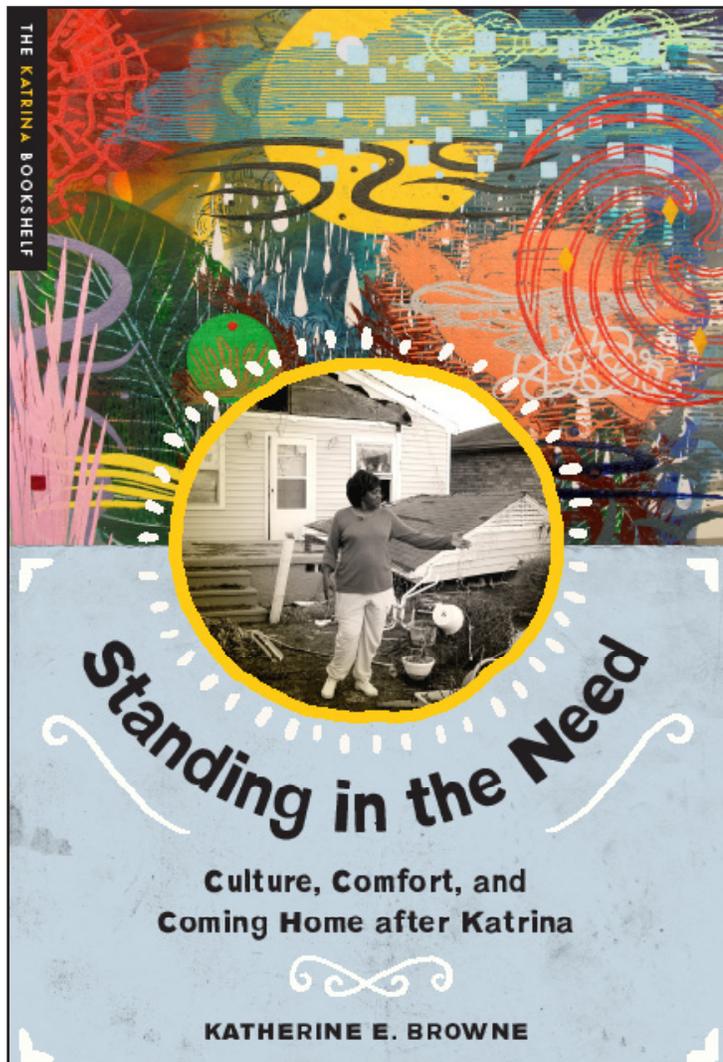
Save the Date!

Katrina Book Launch, Music, and Celebration  
Avogadro's Number, Fort Collins, Colo.  
Thursday, Sept. 10, from 5 to 7 p.m.

Please join Professors Kate Browne and Lori Peek for the launch of their books and a musical tribute to New Orleans on the occasion of the 10th anniversary of Hurricane Katrina. Help us celebrate the resilience and courage of people who lost everything and whose lives are documented in these books.

*Children of Katrina* (by Dr. Lori Peek and Dr. Alice Fothergill)

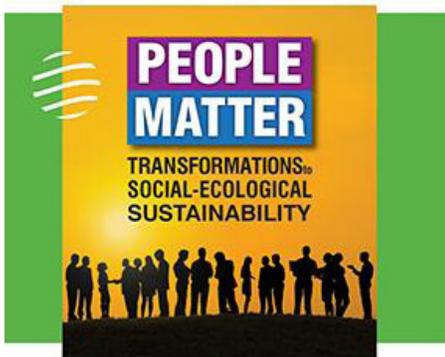
*Standing in the Need: Culture, Comfort, and Coming Home after Katrina* (by Dr. Kate Browne)



# Faculty News

Dr. Kathleen Galvin and Dr. Chris Fisher were panelists in “People Matter: Transformations to Social-Ecological Sustainability”

Colorado State University  
International Colloquium on Global Environmental Sustainability  
VISIONS OF FUTURE EARTH



For more information about the International Colloquium and this session, visit <http://look.su.ysu.edu>

**Tuesday, October 7, 2014**  
2:30pm-4pm | LSC Room 304-306 Free and open to the public



hosted by the School of Global Environmental Sustainability and CSU Office of International Programs

Dr. Jeff Snodgrass & Dr. Shaozeng Zhang were panelists in “Why does culture matter for environmental conservation?”

**WHY DOES CULTURE MATTER for ENVIRONMENTAL CONSERVATION?**

**PANEL DISCUSSION**

**Moderator:** DOMINIQUE BARRI-CHEVREZ, Avogadro's Number, CSU

**Panelists:** SEBASTIAN APICIANO, Dept. of Anthropology, CSU; JAMIE FOLSON, Dept. of Anthropology, CSU; MICHAEL GALVIN, School of Global Environmental Sustainability, CSU; MICHAEL MARPREE, School of Global Environmental Sustainability, CSU; JEFF SNODGRASS, Department of Anthropology, CSU; ROSA MARIA VIDAL, Department of Forest Land, Parks and Recreation, CSU; SHAOZENG ZHANG, Department of Anthropology, CSU

**TUESDAY**  
**APRIL 14, 2015**  
5pm - 6:30pm  
AVOGADRO'S NUMBER, 605 S. MASON STREET

**MANAGING THE PLANET**  
FEB 11, 2015 5PM-6:30PM  
AVOGADRO'S NUMBER, 605 S. MASON ST.

**ARE TOO MANY PEOPLE THE PROBLEM?**

**OVERPOPULATION & BIODIVERSITY LOSS**

**FEATURING PANELISTS:** KATHLEEN GALVIN, Department of Anthropology, CSU; PAUL CARROLL, Department of Anthropology, CSU; JEFF SNODGRASS, Department of Anthropology, CSU; ROBIN REED, Department of Forestry, Science and Sustainability, CSU; SHAOZENG ZHANG, Department of Anthropology, CSU

Dr. Kathleen Galvin was a panelist in Managing the Planet SoGES Series “Are too many people the problem? Overpopulation & Biodiversity Loss”

## Dr. Stephen Leisz NASA 2015 Land-Cover/Land-Use Change Webinar Series

Dr. Stephen Leisz, a geographer in the Department of Anthropology, participated in the NASA 2015 Land-Cover/Land-Use Change Webinar Series on May 26. A recording of his presentation, “Increased Accessibility, Landscape Changes, Rural Transformations, and Urbanization: Impacts of the East-West Economic Corridor from Da Nang, Vietnam, to Khon Kaen, Thailand,” will be available on NASA’s website within the next few weeks. The NASA 2015 LCLUC Webinar Series features projects focusing on detection and monitoring of land-cover and land-use changes. These projects contribute to the revised science questions identified in the land-use, land-cover change theme of the 2003 U.S. Climate Change Science Program Strategic Plan.



# Fall Courses

## Anthropology Courses

### Undergraduate Courses

ANTH 100 Introductory Cultural Anthropology  
ANTH 120 Human Origins and Variation  
ANTH 121 Human Origins and Variation Laboratory  
ANTH 140 Introduction to Prehistory  
ANTH 200 Cultures and the Global System  
ANTH 281A1 Introduction to Forensic Anthropology  
ANTH 329 Cultural Change  
ANTH 340 Medical Anthropology  
ANTH 343 Applied Medical Anthropology  
ANTH 360 Archaeological Investigation  
ANTH 372 Human Osteology  
ANTH 400 History of Anthropological Thought  
ANTH 415 Indigenous Ecologies and the Modern World  
ANTH 446 New Orleans and the Caribbean  
ANTH 449 Participatory Monitoring and Evaluation  
ANTH 452 Archaeology of Mesoamerica  
ANTH 472 Human Biology  
ANTH 473 The Neandertals  
ANTH 479 International Development Theory and Practice

### Graduate Courses

ANTH 530 Human-Environment Interactions  
ANTH 545 Global Mental Health: Theory and Method  
ANTH 551 Historical Archaeology  
ANTH 571 Anthropology and Global Health

## Geography Courses

### Undergraduate Courses

GR 100 Introduction to Geography  
GR 210 Physical Geography  
GR 304 Sustainable Watersheds  
GR 320 Cultural Geography  
GR 323 Remote Sensing and Image Interpretation  
GR 330 Urban Geography  
GR 381 Glaciology  
GR 480A5 Mountain Geography: Environment and Culture

### Graduate Courses

GR 503 Remote Sensing and Image Analysis  
GR 580A2 Forests in a Warming World



*Paleontology Field School*



*Dr. Kate Browne teaching*



*Dr. Jason LaBelle with archaeology students*

# Student News

## Celebrate Undergraduate Research and Creativity Showcase

<p>Kristen Edwards</p> <p>“Dental Wear and Oral Lesions: Implications for Adult Men in 9th Century Great Moravia at Pohansko near Breclav, Czech Republic”</p>	<p>Phillip Stern</p> <p>“A case study of the Liang Bua cave specimens and the impact of their classification on the interpretation of the hominin lineage”</p>	<p>Jared Peltzman</p> <p>“Dietary Adaptations Among Early Eocene Primates from the Willwood Formation: A Dental Metrics Analysis”</p>	<p>Lucas Weaver</p> <p>“Early Eocene primate distribution in relation to paleosol maturity: Implications for determining microhabitat preferences using geologic proxies”</p>
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## Congratulations, CURC Winners!



**Ashley Packard**

- Awarded high honors at the annual Celebrate Undergraduate Research and Creativity Showcase.



**Madison Brandt**

- Awarded highest score in the writing competition at the annual CURC Showcase.
- During fall 2014, Ms. Brandt published an ethnography of the food movement in Fort Collins that is also a community cookbook.

## What are our students doing?



Anthropology senior, Kelli Wick, is studying abroad in Senegal and is pictured above with her host family.



Leigha Bohn, a senior cultural anthropology student at Colorado State University, has been selected for the 2015-2016 Fulbright U.S. Student Award to Argentina.



Jared Peltzman will be attending the 2015 Astypalaia Bioanthropology Field School in Greece under the direction of Dr. Simon Hillson. The research program involves recovery and analysis of juvenile remains from an early historical burial site.

## Colorado Archaeological Society Alice Hamilton Scholarship Awards

- Hallie Meeker
- Aaron Whittenburg
- Jesse Bain

## Department of Anthropology Scholarship Awards

- Crystal Simms
- Nigel Dawson

# Student News



## Amanda Jones Field Study Abroad Award Recipient Kellyn Davis

### Koobi Fora Field School in Kenya Essay Excerpt by Kellyn Davis

This is truly a once-in-a-lifetime adventure and chance for me to explore one of my passions and learn more about future career opportunities. Through the Koobi Fora Field School, I will be able to learn skills and have experiences unique to true fieldwork, while also immersing myself in another culture. Having the opportunity to see Africa in such a unique light will help me develop a unique perspective on other beliefs, and international careers. Relevant to both my major in biological anthropology and biomedical sciences, I will be involved in work surrounding evolution, anthropology, and other interdisciplinary research. Participating in this program will be the ultimate experiential learning opportunity for me to gain a better understanding of all of the things that I love about science. I think my unique perspectives on science and people gained through my distinctive academic and extra-curricular experiences will help me a lot working in this interdisciplinary research setting. Having the chance to see such a remarkable part of the world in this light comes only once-in-a-lifetime, so I hope come this summer, I'll find myself in Africa.

### The Amanda Jones Field Study Abroad Award

In honor of CSU anthropology alumna ('13) Amanda 'Mandy' Jones, the Department of Anthropology is pleased to invite applications for the Amanda Jones Field Study Abroad Award. Amanda was an anthropology major with a keen interest in applied work, and her desire was to learn about other cultures by working in conjunction with communities to build sustainable futures. She participated in a field program for applied anthropology in Peru and found the experience to be one of the best of her undergraduate career; one that took her beyond the borders of the United States and brought to life her anthropology training.

The Amanda Jones Award will provide a \$5,000 award to defer costs of an international field school or international program in applied anthropology. To be eligible for the award, you must 1) have completed 15 credits of an anthropology major; 2) identified an international field school or academic program that features applied anthropology; and 3) complete a 1,500 word essay. In your essay, you must describe 1) the chosen program of study; 2) your interest in the specific locale of the program; 3) how completion of the program will further your career goals, and 4) how you expect to be affected by participation in such work.

### Applications are due March 1st, 2015

<http://anthropology.colostate.edu/scholarships/>

Colorado State University



Department of Anthropology

## Society for Applied Anthropology Panel :: "Involve Me and I Learn: Teaching Anthropological Research Methods and Examples of Student-Directed Research Projects"

At the 2015 SfAA annual conference, Dr. Jeff Snodgrass set up the session, "Involve Me and I Learn: Teaching Anthropological Research Methods and Examples of Student-Directed Research Projects," to allow his students to showcase their work. Pictured to the right is Dr. Snodgrass with Andrew Bagwel, Madison Brandt, Angela Huxel, and Max Van Oostenburg at the SfAA 2015 conference. The first presentation, "A Guild Full of Anthropologists: Teaching Ethnographic and Cultural Psychiatric Research Methods in an Online Virtual World," detailed the logic and approach that the students have been using to mixed-methods ethnography. The second presentation, "From GW2 to IRL: Student Applications of Ethnographic Methods Learned in an Online Environment to Other Research," discussed how the methods learned in Dr. Snodgrass's class were applied to the students' research projects.



# Student News



Luke Weaver, an anthropology major with a minor in geology, presented his capstone research project, “Lateral and temporal distribution of early Eocene primates in relation to relative paleosol maturity, Willwood Formation, Bighorn Basin, Wyoming,” at the Western Association of Vertebrate Paleontologists Conference held at California State University, Stanislaus, on Feb. 14, 2015, in Turlock, Calif. The Willwood Formation is a sedimentary soil sequence that can be found in Bighorn Basin, Wyo., with vast exposures of fossiliferous paleosols, ancient soils, and a soil maturity that is based on proximity to ancient stream channels. Mr. Weaver’s research considered the relationship between paleosol maturity and primate species distribution to potentially determine the microhabitat preference of early Eocene primates. Data from the Paleontology Field School Lab housed in the Department of Anthropology was used for Mr. Weaver’s research. The preliminary investigation suggests that paleosol maturity may not be a reliable proxy for determining the microhabitat preferences of early Eocene primates. The method may be better utilized examining taphonomic processes and determining the formation of a particular fossil locality temporally.



During the past couple summers, Mr. Weaver has participated in the Department of Anthropology’s Paleontology Field School, in the Iowa State Geology Field Camp, and with the Johns Hopkins Paleontology Field Crew. In addition, he is currently working on research and a publication with Kim Nichols and Thomas Bown. Mr. Weaver will be attending graduate school at the University of Washington and, this summer, will begin working with his doctoral adviser at Late Cretaceous fossil localities in the Hell Creek Formation in Montana. Before going there, Mr. Weaver will assist with field research at the CSU 2015 Paleontology Field Course in the Bighorn Basin, Wyo.

Weaver, Lucas N. and Kimberly A. Nichols (2015). Lateral and temporal distribution of early Eocene primates in relation to relative paleosol maturity, Willwood Formation, Bighorn Basin, Wyoming, Abstract, *PaleoBios* 32(1):17.

# Student News



## Congratulations to the Spring 2015 graduates!

### Bachelor of Arts

#### Majors

Dustin Clark  
Kyle Cordain  
Abigeal Downes\*\*  
Kristen Glauner  
Savanna Hamilton  
Samantha Kayser  
Caroline Kleine  
Sarah Lillis\*\*  
Michael Pichon  
Christine Vandenhoff\*\*  
Eric (Jack) Wheeler\*\*

#### Archaeology

Christina Burch\*  
Cassidy Crawford  
Dominique Kovalaski  
Blake Moyer  
Ashley Packard\*  
Lance Shockley  
Jenny Simacek\*\*

#### Biological

Kristen Edwards  
Kelsey-Lea Padilla  
Jared Peltzman  
Lucas Weaver

#### Cultural

Leigha Bohn\*  
Brianna Broe  
John Commissaris  
Colin Cook  
Tanner Dodrill  
Jennifer Fenner  
Eryn Hummel  
Katherine Kotsides  
Erik Linden  
Scott Morton\*\*  
Melaura Munn  
Jacob Satterthwait  
Cheryl Smarr-Foster

#### Minors

##### Anthropology

Taylor Alexander\*  
Brooke Bettolo  
Mark Brown  
Sonia Cortez  
Mackenzie Davis  
Spencer Downing  
Torey Feil  
Sarah Gilliam  
Matthew Lancto  
Elizabeth Matthews  
Brandi Megrew  
Taylor Rozendaal  
Brandon Wyckoff

##### Geography

Erik Linden  
Steven Tavares

\* Honors

\*\*Double Major

# Student News

Congratulations to the Spring 2015 graduates!

## Master of Arts in Anthropology

### Archaeology

Jason Chambers (Dr. Jason LaBelle, Adviser)

Archaeology Concentration

Thesis: "Lindenmeier Redux: Spatial Patterns of the Lindenmeier Folsom Site (5LR13)"

Benjamin Perlmutter (Dr. Jason LaBelle, Adviser)

Archaeology Concentration

Thesis: "Bringing it all Back Home: Early Ceramic Period Residential Occupation at the Kinney Spring Site (5LR144c), Larimer County, Colorado"

Kristy Griffin (Dr. Mary Van Buren, Adviser)

Archaeology Concentration

Thesis: "Consuming Ideals: An Archaeological Investigation of the Social Hygiene Movement in Colorado"

### Biological

Kristin Reiter (Dr. Ann Magennis, Adviser)

Biological

Portfolio Option

### Cultural

Jonathan Fanning (Dr. Jeffrey Snodgrass, Adviser)

Cultural Concentration

Thesis: "We Flow Like Water: Contemporary Livelihoods and the Partitioning of the Self Among the Chamorro of Guam"

### International Development

Nicholas Mott (Dr. Steve Leisz, Adviser)

International Development Specialization

Portfolio Option

Sierra Patterson (Dr. Kate Browne, Adviser)

International Development Specialization

Portfolio Option

Rachel Wendland (Dr. Steve Leisz, Adviser)

International Development Specialization

Portfolio Option

# Sponsored Events

Dr. Julie Esdale

Fort Wainwright, Alaska  
CSU-CEMML Archaeology in  
Alaska: Research and Cultural  
Resources Management on  
Army Lands

The Department of Anthropology, Colorado State University  
**CSU-CEMML  
ARCHAEOLOGY IN ALASKA**  
Research and Cultural Resources Management on Army Lands

Guest Lecture  
**Julie Esdale, PhD**  
Fort Wainwright Alaska, Archaeologist  
CSU Center for Environmental Management of Military Lands.

WEDNESDAY, APRIL 8, 2015  
3:00 TO 4:00 PM  
CSU CLARK BUILDING C249

Anthropology  
<https://anthropology.colostate.edu> @CSUAnthro <https://www.facebook.com/CSUAnthro>

Julie Esdale is currently the Archaeologist for Fort Wainwright in Alaska. She has been doing arctic and subarctic archaeology for 15 years, with specialties in lithic technology and geoarchaeology. Dr. Esdale has a Ph.D. in anthropology from Brown University and an M.Sc. in quaternary geology from the University of Alberta.



Dr. Charles Musiba

University of Colorado Denver

What is New at Laetoli World Heritage Site: Do we really need research and new conservation strategy for the Laetoli footprints?

Cultural World Heritage sites all over the world are increasingly playing a major role in shaping the socioeconomic, stewardship, preservation, conservation, and sustainable use of these sites. Many African countries now recognize that apart from constructing national and sociocultural identities, cultural World Heritage sites have the potential to also propel the economic growth for communities surrounding these sites. If properly managed, these sites have the capacity of not only becoming beacons of peace, but they can also become centers of tourism (Ho and McKercher 2004; Mabulla 2000). For many years, the management of cultural heritage sites and the designation of some of them as World Heritage sites

in Africa were based on European ideas of conservation, and this disconnected many African local communities from their cultural heritage sites. As a result, local African communities living near cultural heritage sites were not involved in their conservation and management. Discourses on the administration of cultural heritage sites in many African countries, such as Botswana, South Africa, Kenya, Tanzania, and Zimbabwe, are now making it possible to engage local people in the management of these sites. Part of the strategy of sustainable management of cultural World Heritage sites in many parts of Africa must include creating opportunities for the local communities to be involved in cultural heritage tourism activities so as to economically empower them and improve their lives. Dr. Musiba discussed some new efforts to develop Laetoli and Olduvai Gorge World Heritage sites into educational, cultural, and tourist areas. Additionally, some preliminary results were discussed from continued research and excavation at Laetoli hominin footprints Site G.

Colorado State University

**WHAT IS NEW at  
LAETOLI WORLD  
HERITAGE SITE:**  
Do we really need research and new conservation  
strategy for the Laetoli hominid footprints?

**CHARLES  
MUSIBA**  
Department of Anthropology  
University of Colorado Denver

FRIDAY Free and open to the public  
**APRIL 24, 2015**  
3PM-4PM  
Reception immediately following in LSC room 382  
**LORY STUDENT CENTER  
GREY ROCK ROOM**  
[africacenter.colostate.edu/content/charles-musiba](http://africacenter.colostate.edu/content/charles-musiba)

**AFRICA CENTER**  
Colorado State University  
INTERNATIONAL  
ENVIRONMENTAL  
SUSTAINABILITY  
Center

Anthropology

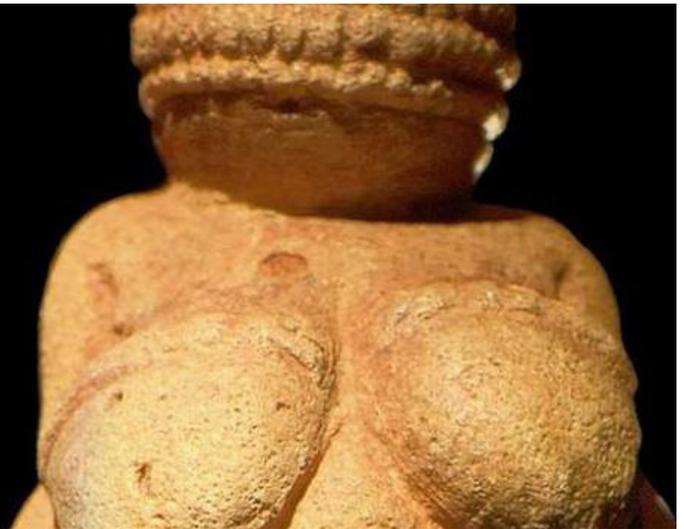
# Sponsored Events

Anthropology Connections :: Homecoming 2014

Dr. April Nowell, University of Victoria

Pornography is in the Eye of the Beholder: Sex, Science, and the Media in the study of Ice-Age Figurines

## Portrait? Or Pinup?



With more than 100 students, faculty, alumni, and friends in attendance, Dr. April Nowell, professor in the Department of Anthropology at the University of Victoria, presented “Pornography is in the Eye of the Beholder: Sex, Science, and the Media in the study of Ice-Age Figurines,” at our Anthropology Connections in October 2014. When the discovery of the Aurignacian Hohle Fels figurine from Germany was announced publicly in June 2009, it was described in popular media and academic journals as “pornographic,” a “35,000-year-old sex object”, and as a “prehistoric pin-up.” But what does “pornographic” mean in an Ice Age context? This talk examined the role of presentism in the analysis and interpretation of human figures in the visual cultures of the European Upper Paleolithic.

It is suggested that interpreting the figurines in a purely sexual context obstructs their objective, scientific study and has unintended social consequences. Following from this, Dr. Nowell considered why the Venus hypothesis persists in the popular media and scholarly research despite decades of reflexive critiques. Finally, building on these critiques, Dr. Nowell argued for the importance of contextualization in the study of Upper Paleolithic figurines and discussed new approaches to their analysis.

## Anthropology Connections :: Homecoming 2015 ~ Save the Date!

Dr. Anthony Oliver-Smith

Professor Emeritus, Department of Anthropology, University of Florida

Climate change and population displacement as a looming problem for social policy and practice

Friday, Oct. 16, 2015, 6 p.m.

Room 131 Behavioral Sciences Building

# Publications

Bliss, AK, R Hock, and V Radiv. (2014) Global response of glacier runoff to twenty-first century climate change. *Journal of Geophysical Research: Earth Surface*. 119(4):717-730.

Browne, K and L Peek (2014) Beyond the IRB: An Ethical Toolkit for Long-Term Disaster Research. *International Journal of Mass Emergencies and Disasters*. 32(1):82-120.

Chin, A, KA Galvin, AK Gerlak, CP Harden and E Wohl. (2014) The Future of Human-Landscape Interactions: Drawing on the Past, Anticipating the Future. *Environmental Management*. 53(1):1-3.

de Pinho, JR, C Grilo, RB Boone, KA Galvin, and JG Snodgrass (2014) Influence of Aesthetic Appreciation of Wildlife Species on Attitudes towards Their Conservation in Kenyan Agropastoralist Communities. *PLoS ONE* 9(2):e88842.

Fernanda Gebara, M, L Fatorelli, P May, and S Zhang (2014) REDD+1 policy networks in Brazil: constraints and opportunities for successful policy making. *Ecology and Society*. 19(3).

Fernandez-Diaz, JC, WE Carter, RL Shrestha, SJ Leisz, CT Fisher, AM Gonzalez, D Thompson, S Elkins (2014) Archaeological prospection of north Eastern Honduras with airborne mapping LiDAR. 2014 IEEE International GeoScience and Remote Sensing Symposium (IGARSS) 2014:902-905.

Galvin, KA, T Beeton, R Boone and S BurnSilver (2015) Nutritional status of Maasai pastoralists under change. *Human Ecology*. 2015:1-14.

Beeton, T, M Glantz, A Trainer, S Temirbekov, and R Reich (2014) The fundamental hominin niche in late Pleistocene Central Asia: a preliminary refugium model. *Journal of Biogeography*. 41: 95-110.

Harden, C, A Chin, MR English, R Fu, KA Galvin, A Gerlak, P McDowell, D McNamara, J Peterson, N L Poff, E Rosa, WD Solecki, and E Wohl (2014) Understanding human-landscape interactions in the “Anthropocene.” *Environmental Management*. 53(1):4-13.

Kwiatkowski, L (2014) Domestic Violence, Ethnic Diversity, and Political and Economic Change in an Upland Community of Vietnam. Special Issue on Intimate Partner Violence and Cultural Diversity (Ghayda Hassan, ed.). *Alterstice: International Journal of Intercultural Research* 3(2):51-65.

Klein, JA, KA Hopping, EYeh, Y Nyima, RB Boone, and KA Galvin (2014) Unexpected climate impacts on the Tibetan Plateau: Local and scientific knowledge in findings of delayed summer. *Global Environmental Change*. 28:141-152.

LaBelle, JM (2014) The Lithic Caches of Colorado: An Introduction and Overview of Known Examples. To be included in *The Caches of Colorado, Southwestern Lore Memoir*, edited by Jason M. LaBelle and Christopher M. Johnston. *Southwestern Lore*.

# Publications

Pante, MC, RS Scott, RJ Blumenschine, SD Capaldo (2015) Revalidation of bone surface modification models for inferring fossil hominin and carnivore feeding interactions. *Quaternary International*. 355(12):164-168.

Pfeffer, WT, AA Arendt, A Bliss, T Bolch, JG Cogley, AS Gardner, J-O Hagen, R Hock, G Kaser, C Kienholz, ES Miles, G Moholdt, N Mölg, F Paul, V Radiv, P Rastner, BH Raup, J Rich, MJ Sharp and the Randolph Consortium. (2014) The Randolph Glacier Inventory: a globally complete inventory of glaciers. *Journal of Glaciology*. 60(221):537-552.

Reid, RS, Fernández-Giménez, ME, Galvin, KA (2014) Dynamics and resilience of rangelands and pastoral peoples around the globe. *Annual Review of Environment and Resources*. 39:217-242.

Rounsevell, MDA, A Arneth, P Alexander, DG Brown, N de Noblet-Ducoudré, E Ellis, J Finnigan, K Galvin, N Grigg, I Harman, J Lennox, N Magliocca, D Parker, BC O'Neill, PH Verburg, and OYoung (2014) Towards decision-based global land use models for improved understanding of the Earth system, *Earth System Dynamics*, 5:117-137.

Snodgrass, JG, MG Lacy, HJ Francois Dengah II, S Eisenhauer, G Batchelder, and RJ Cookson (2014) A Vacation from Your Mind: Problematic Online Gaming Is a Stress Response. *Computers in Human Behavior*. 38:248-260.

Van Buren, M (2014) Historical Archaeology of Hispanic South America. In *Encyclopedia of Global Archaeology*, edited by C. Smith. New York: Springer.

Van Buren, M, and BJM Weaver (2014) Exigir una diferencia: el uso estratégico de la cerámica Inka Provincial en el período Colonial Temprano. In *Ocupación Inka y dinámicas regionales en los Andes (Siglos XV-XVII)*, edited by Claudia Ricera Casanovas. Pp. 247-268. IFEA/Plural, La Paz.

Zahran, S, JG Snodgrass, D Maranon, D Granger, C Upadhyay, and S Bailey (2015) Stress and Telomere Shortening Among Central Indian Conservation Refugees. *Proceedings of the National Academy of Sciences*.

Zahran, S, IM Breunig, B Link, H Mielke, JG Snodgrass, and S Weiler (2014) Maternal Exposure to Hurricane Destruction and Fetal Mortality. *Journal of Epidemiology and Community Health*. (online access)

Snodgrass, JG, HJ Francois Dengah II, MG Lacy, and J Fagan (2014) I swear to God, I only want people here who are losers!': Cultural dissonance and the (problematic) allure of Azeroth. *Medical Anthropology Quarterly*. (online access)

Zahran, S, IM Breunig, B Link, JG Snodgrass, and S Weiler (2014) A Quasi-Experimental Analysis of Maternal Altitude Exposure and Infant Birth Weight. *American Journal of Public Health*. 104(S1): S166-S174. (online access)



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