

# Department of Anthropology Newsletter



## Chair's Welcome

I am pleased to introduce the 2013 Anthropology Department newsletter. This year the department has seen a number of exciting changes. Alongside these changes, as is the history of the department, we are committed to excellent teaching and research, and we are proud of our service commitments to the community and profession.

In August 2012, I officially became department chair, following Mark Plew who had been chair for the past 12 years. Our current and former students, community members, and fellow faculty are greatly appreciative of the time and effort Dr. Plew put into the department over the years. Dr. Plew continues to work with renewed focus on his teaching, research, and service activities.

In 2012 the department went through its 5-year external review process and the results were extremely positive. The department was commended for our contributions to the university, research, and the graduate program. Our external reviewers were impressed with the thematic focus of the department and how our curriculum supports that focus. The most important results of the external review were the department developed a strategic 5-year plan, we requested and received a 2-year Visiting Assistant Professor position which is now filled by Dr. David Nolin, and we received two new lab spaces and graduate assistant office space in the newly renovated Math/Geosciences building. All of these changes augment our ability to deliver training to students, conduct research, and build the graduate program.

In the summer of 2012 Dr. Christopher Hill took a position as Associate Dean of the Graduate College at BSU. Because of this move, we were pleased to hire Dr. Kathryn Demps from the University of California, Davis. Dr. Demps is a wonderful and complementary addition to the existing faculty, as her expertise in traditional ecological knowledge and behavioral modeling has expanded our department's thematic focus on human evolution and ecology.

In May 2013 Dr. Margaret Streeter announced her retirement. Dr. Streeter made extensive contributions to the department, our students, and to research over her tenure, and we wish her the best in her new endeavors.

April 19-21, 2013, the department sponsored the first annual Northwest Evolution, Ecology and Human Behavior (NWEHBB) symposium. The Anthropology Club and Archaeology Students Association played a major role in securing the funding and organizing the event. We also received a small grant from the Human Behavior and Evolution Society that was matched by the Dean's office of the College of Social Science and Public Affairs. With these funding sources we were able to invite five plenary speakers which helped us attract another 25 presenters, both faculty and graduate students, from around the Northwest. We hope to make this an annual event, illustrating a strong legacy of student involvement in department scholarship.

In Fall 2013 the department added a skill-based (STEM) coursework component that further distinguishes the Masters of Applied Anthropology from the Masters of Arts in Anthropology degree. The program leading to the Master of Applied Anthropology (MAA) degree is now a professional science masters (PSM) designed to prepare students for careers in cultural resource management. The degree combines rigorous study in anthropological science and skill-based coursework in management, policy, verbal communication, GIS, and technical writing. The program consists of two years of academic preparation with a professional component that includes an internship or other work-related experience. The program leading to the Master of Arts in Anthropology (MA) remains as a thesis-



**John Ziker, Chair**

*The Department of Anthropology at Boise State University is a growing, research-oriented faculty with a thematic focus on human evolution and ecology.*

*Continued on the next page*



## FACULTY

John Ziker, Professor and Chair  
Mark Plew, Professor  
Kathryn Demps, Assistant Professor  
David Nolin, Visiting Assistant Professor  
Samantha Blatt, Visiting Assistant Professor  
Tammy Buonasera, Visiting Assistant Professor  
T. Virginia Cox, Associate Professor Emerita  
Kendall House, Adj. Assistant Professor  
Cynthia Bradbury, Adjunct  
Jacob Fruhlinger, Adjunct  
Robert Graff, Adjunct  
Thomas Green, Adjunct  
Garrett Webb, Adjunct

## RESEARCH ASSOCIATES

James C. Woods  
Beverly Crum  
Janette Forte

## STAFF

Faith Brigham  
Administrative Assistant

## Chair's Welcome, continued.....

based program designed to prepare students for research and development and further study at the doctoral level.

In November 2012, I took over the Managing Editorship of the journal *Sibirica: Interdisciplinary Journal of Siberian Studies* published by Berghahn Press (New York and Oxford). The journal is published 3 times a year and has an international readership. The journal publishes papers in anthropology, archaeology, history, demographics, etc. The Office of Sponsored Projects at BSU has provided support for a graduate student, Elizabeth Smith, who is working as my Editorial Assistant. More information can be found at <http://journals.berghahnbooks.com/sib>.

During the past year the department served more than 3,296 university students. We had 158 anthropology and geoarchaeology majors, 8 graduate students, and 76 minors in anthropology. The department offered 27 courses and 8 workshops. Of note, 27 students made the Dean's List and 6 students were awarded scholarships.

In 2012-2013 we graduated 29 BA students, 2 MA students, and 4 MAA students. In addition, we had 13 students graduate with Anthropology minors across the university. We wish everyone the very best in their future careers and studies.

## Canyon County Crossroads Transportation Museum

The Canyon Crossroads Transportation Museum at Celebration Park is an indoor educational venue currently under construction, and when completed, will provide year-round academic opportunities to 18,000 students each year. The museum will house a 20-bed dormitory, library, classroom space, and a professional kitchen.

Celebration Park, Idaho's only archaeological park, is recognized as an outstanding educational facility by Universities and Colleges in Idaho and the west. Celebration Park hosts Boise State University archaeological field schools, research opportunities, paid internships, credit-bearing coursework and workshops. The Desert Studies Institute, a joint venture between Celebration Park and the Department of Anthropology at Boise State University offers a series of workshops for students and teachers every summer at Celebration Park. The Crossroads Museum will provide boundless new on-site educational and research opportunities for our local students as well as students from all over the world.

To celebrate the completion of the Canyon Crossroads Transportation Museum, the College of Social Science and Public Affairs at

Boise State University, the Department of Anthropology, and the Canyon County Parks, Recreation and Waterways are hosting an Open House on November 2, 2013 from 10:00 am to noon.

**Canyon County Crossroads Transportation Museum Open House**  
November 2, 2013  
10:00 am to noon  
6850 Hot Spot Lane, Melba, Idaho

Directions to Celebration Park:

**FROM NAMPA OR CALDWELL:** Take 12th Ave. south to Hwy 45. Turn left on Ferry and right on Hill Road. Follow the curves and turn right on Sinker Road. It will take you to the Guffey Bridge where you turn left on Hot Spot Lane.



**Canyon County Crossroads Transportation Museum under construction.**

**FROM MERIDIAN OR BOISE:** Take Meridian Road to Kuna and turn left on Swan Falls Road. Turn right on Victory Lane, stay on the hard-top as it jogs north and then west. Cross Can-Ada Road. Proceed 1.5 miles to Sinker Road. Turn left on Sinker Road. It will take you to the Guffey Bridge where you turn left on Hot Spot Lane.

RSVP [kkershner@canyonco.org](mailto:kkershner@canyonco.org)  
or [fbrigha@boisestate.edu](mailto:fbrigha@boisestate.edu)

## Introducing Samantha Blatt, Visiting Assistant Professor



**Dr. Samantha Blatt**

Samantha Blatt has joined the department as a Visiting Assistant Professor in biological anthropology. She completed her doctorate at Ohio State University in the spring of 2013, specializing in bioarchaeology, growth and development, odontology, and osteology. Dr. Blatt's dissertation research focused on the use of microscopic incremental growth lines of subadult teeth from Prehistoric Ohioans in order to more precisely estimate age and understand variation between the dental and somatic growth sequences of Prehistoric Native Americans and the Europeans from which traditional aging methods are derived. Dental growth gives clues to a population's adaptive strategy to their environment and teeth are the best archives of evolutionary canalization and provide a baseline for understanding skeletal variation, since the skeletal development is highly influenced by environmental factors. She will be presenting part of her findings from this project at the Western Bioarchaeology Group conference in Berkeley next month. However, her interests also span biocultural topics such as stature and body mass estimation of juveniles, skeletal and dental pathology, paleodiet, quantitative sex estimation, and the bioarchaeology of childhood identity in North America. This year, she co-authored an article in the *Journal of Archaeological Science*, presenting formulas for stature estimation of immature skeletons and presented her research, "An unusual case of a solitary osteochondroma on the mandibular symphysis," at the annual meeting of the American Association of Physical Anthropologists in Knoxville. Most recently, Dr. Blatt

had an article accepted for publication in the *American Journal of Human Biology* entitled, "Joined at the Hip?: A Paleoepidemiological Study of Developmental Dysplasia of the Hip and its Relation to Swaddling Practices among Indigenous Peoples of North America." This paper is the first continental look at the prevalence of developmental dysplasia of the hip among native North Americans, comparing modern and prehistoric cases and the disease etiology and the largest assessment of the disorder in prehistory. Specifically, the paper examines the correlation between hip dysplasia markers, cranial deformation, and swaddling practices and describes cases of the disorder from a Late Prehistoric site in West Virginia. Dr. Blatt was also just awarded the Wenner-Gren Foundation for Anthropological Research, Engaged Anthropology Grant, which will allow her to disseminate her doctoral research to the general public, local native groups, and scientific community in Ohio from which her specimens were collected. The grant, "Toward a Collaborative Indigenous Bioarchaeology: Engaging Communities in the Relevance, Shared Knowledge, and Interpretation of Prehistoric North America," will support a series of workshops and lectures coordinated by Dr. Blatt during the summer of 2014, including a methods workshop allowing hands-on experience collecting, processing, and observing dental enamel microstructures for graduate student research. One of the histological micrographs produced from her dissertation will also be featured in the Buehler 2014 Microstructure Calendar.

## Introducing Tammy Buonasera, Visiting Assistant Professor

Tammy Buonasera is a Visiting Assistant Professor in the Department of Anthropology at Boise State University. She received her Ph.D. from the University of Arizona's School of Anthropology. Her MA in Anthropology and BS in Microbiology were both completed at California State University, Chico. Dr. Buonasera uses experimental replication, ethnographic studies, and modeling approaches from behavioral ecology to explore economic and social issues related to food processing among prehistoric hunter-gatherers. Her theoretical lens is human behavioral ecology and she is especially interested in understanding conditions that affect female autonomy and community roles among complex hunter-gatherers. Some of her current research focuses on expanding the application of simple optimality models to understand factors affecting the design of food processing technology among prehistoric hunters and gatherers. As this approach requires good empirical data on the costs and benefits of different tool and resource combinations, she is planning to conduct a series of food grinding and manufacturing experiments over the winter break and throughout the spring semester. Other research includes the use of gas chromatography-mass spectrometry (GC-MS) to identify organic residues from foods and other substances that have been absorbed and preserved in the matrix of ground stone and pottery. While at Arizona, Dr. Buonasera was a NSF IGERT (National Science Foundation *Integrative Graduate Education and Research Traineeship*) fellow in Archaeological Sciences, and spent time as a visiting researcher at the IIRMES lab (Institute for Integrated Research on Materials, Environment and Society) at CSU, Long Beach analyzing organic residues extracted from pottery and ground stone tools. The goal of the IGERT Program in Archaeological sciences was to train a cadre of students already familiar with archaeological method and theory, such that they gain understanding of the broad range of scientific techniques applicable to archaeology, and that they acquire specialist expertise in one or more of the subfields of archaeological science. One project she hopes to complete this fall with the aid of Boise State's Chemistry Department and GC/MS facility is the identification of black, resinous substances (likely bitumen) found on the exterior of several ornate mortars from Late prehistoric sites in the San Francisco Bay Area. Dr. Buonasera has done archaeological fieldwork in California and the Southwestern U.S. She enjoys hiking, kayaking, and skiing and looks forward to pursuing some of these activities in Idaho.



**Dr. Tammy Buonasera**

# Anthropology Faculty Research and Highlights

## Kathryn Demps

Humans are simultaneously susceptible to evolutionary processes at both the individual and group level, especially so as cultural primates. To understand the evolution of human behavior, we must consider all levels of selection. In my research I blend human behavioral and evolutionary ecology with cultural evolution to examine modern human behavioral patterns as a consequence of our current socioecological circumstances and previous evolutionary history.

In this sense, I am an evolutionary anthropologist who focuses on how human behavior can be constrained by or interact with the physical and social environment. One of the projects I am engaged in is a systematic examination of the composition of, the interactions within, and the decision-making of groups. A paper I recently wrote examines the formation of ephemeral work groups for resource extraction. I found that short-term human foraging groups formed to collect honey in South India or mine silver in 19th century Colorado do not follow predictions made for other animal species. Human groups are more flexibly formed depending on how the size of the resource patch varies and for socialization purposes. Another project in this vein is an exploration of the origin, evolution, and effects of markets. I am finalizing a model of marketing behavior combining foraging theory with aspects of economic models on production and exchange. This analysis will predict the location of markets, amount of processing of goods, exchange rates, and can help us solve mysteries such as missing markets. Dr. Nolin and I recently submitted a grant proposal to test these predictions on four types of exchange markets in Lamalera, Indonesia.

Another aspect of human behavior is our knowledge of and interaction with local environments. My dissertation work in South India studied the transmission of local knowledge related to honey collecting. I examined how learning patterns change over the lifecycle and how transmission patterns can affect the pattern of cultural evolution. Current projects at this field site include an examination of the trade-offs between acquiring schooling and traditional ecological knowledge, and how children and their parents make decisions regarding these trade-offs. Simultaneously, I will continue a longitudinal study of social learning, focusing on intergenerational transmission and how childhood learning affects adult behavior. Various other collaborations include the study of human well-being at my field site with members of the Ethnology Lab at the Autonomous University of Barcelona, and the study of cultural group selection with colleagues at UC Davis.

Finally, modeling the selection of social learning strategies among individuals examines the efficiency of acquiring local knowledge depending on ecologies of information. I create agent-based simulations to study learning patterns in complex environments. Population size, the learning strategies of others, rate of mutation, and many other factors all contribute to the benefit generated from different learning biases. As mentioned above, our understanding of cultural evolution is dependent on transmission between individuals within a social environment. I will test predictions from these models at my field site as well.



Dr. Kathryn Demps

Despite the often quantitative nature of this kind of research, I also strongly believe in incorporating qualitative methods and perspectives. I am currently writing an ethnography of my study site. This monograph will include not only my representation of their society and culture, but at least 15 other perspectives from: historical and government documents, medical records, research assistants' experiences, previous anthropological work, songs, recipes, and even coffee advertisements. I plan to continue to integrate these methods with the theoretical and empirical work above to understand variability in human behavior on the individual and social levels.

## David Nolin

David Nolin joined the department as a visiting assistant professor in the fall of 2012. Dr. Nolin received his Ph.D. in Anthropology from the University of Washington in 2008 and completed a two-year post-doctoral fellowship in demography at the Carolina Population Center in 2010. He has taught for Duke University, the University of North Carolina at Chapel Hill, the University of Cincinnati, and most recently the University of California at Davis. Dr. Nolin's research focuses on three main areas: food sharing and the evolution of cooperation, marriage and reproductive delay, and intergenerational transmission of wealth. His field research site is the traditional fishing and whaling community of Lamalera, Indonesia. He has methodological interests in social network analysis, demography, and statistics. Since his arrival, Dr. Nolin has continued work with colleagues at UC Davis and UC



Dr. David Nolin

Berkeley on two projects applying social network analysis to primatological data sets. He is also currently working on two additional papers based on his research in Lamalera: one assessing the reliability of subject responses in social network data, and a second applying novel social network statistics to test for generalized reciprocity. In the past year Dr. Nolin coauthored a grant proposal submitted to the Human Behavior and Evolution Society with Drs. Demps and Ziker to help fund the NWEHBS Symposium. This past summer Dr. Nolin conducted pilot research in Lamalera which contributed to the development of a joint NSF research proposal with Dr. Demps to study Lamalera's barter and cash market participation. In November he attended the American Anthropological Association meetings in San Francisco, where he served as a presentation judging panelist for the Evolutionary Anthropology Society. He has also collaborated with Drs. Ziker and Demps in organizing the NWEHBS Symposium.

# Anthropology Faculty Research and Highlights

## Mark Plew

Mark Plew supervised the BSU Archaeological Field school which conducted excavations at the site of Three Island Crossing near Glenns Ferry, Idaho and an archaeological survey at Karanambu in central Guyana. A report on the investigations entitled *Archaeological Investigations of the Caven Site (10-EL-215): Middle and Late Archaic Occupations near Glenns Ferry, Idaho and Archaeological Excavations at Siriki Shell Mound, Northwest Guyana* were published in 2013. The Siriki report contains an important bioarchaeological analysis of the human remains prepared by Dr. Margaret Streeter and students. Dr. Plew published on crescents from the Alvord Desert area and on test excavations at the North Fork Overhang in southeastern Oregon in the *Idaho Archaeologist* and on recent discoveries of pictographic rock art in southern Guyana in the *Journal of American Indian Rock Art*. He contributed "Experimental Archaeology" to the *Oxford Dictionary of Archaeology 2<sup>nd</sup> Edition*, a book review to *Sibirica* and four essays to the *Crossroads Magazine*. With graduate student Stacy Guinn, a chapter entitled "Assessing Impacts of Natural Events on the Holocene Anadromous Fish Populations of the Western Snake River Plain" in *Rivers, Fish and People* edited by Pei-Lin Yu is in final review by the University of Utah Press. Dr. Plew has had accepted for publication four entries into the *Encyclopedia of Caribbean Archaeology* to be published in 2014 by the University of Florida Press.



Dr. Mark Plew

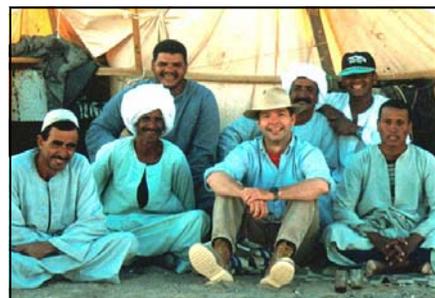
Dr. Plew is working with other students on papers relating to dietary importance of shellfish in the Northwest and winter mobility relating to fuel exploitation in the arid west. Based upon his work with shell midden deposits in northwestern Guyana he is working on a paper that re-examines the Middle Holocene shell middens of Eastern Guayana. He is also preparing a manuscript that addresses issues of scale in the interpretation of ridged field agriculture in the Guianas. He is presently developing a research proposal for the Karanambu Trust as the basis for long-term field investigations in southern Guyana. In a similar vein, he is developing a cooperative agreement with the Sawtooth National Forest in Idaho.

During the past year he received awards of funding from the Republic of Guyana (\$6000), Shoshoni-Paiute Tribe (\$1500), The Idaho Army National Guard (\$8000), the Idaho Department of Transportation (39,969), the U.S. Forest Service (\$31,000) and the Idaho Heritage Trust (\$1000). He continued service as Editor of the *Idaho Archaeologist* and Associate Editor of *Archaeology and Anthropology* and was a reviewer for *Plenum* and *American Antiquity*. He continued his service as a member of the Scientific Advisory Board of the Walter Roth Museum of Anthropology and as Affiliate of Iwokrama, the Center for Rainforest Development and Sustainability. He continues to serve as an expert witness in Indian Child Welfare cases for the Idaho Department of Health and Welfare and has recently been appointed to the newly created Canyon County Historical Commission.

## Christopher Hill

It has been a surprising and exciting year. Perhaps the biggest news is that last summer I was appointed Associate Dean of the Graduate College, joining Dean Jack Pelton's tremendous team at the BSU Graduate College. Within a few short weeks of the appointment, I was in Boston attending a

"boot camp" immersion experience for Graduate College Deans (I learned the secret hand-shake and everything). There is a steep learning curve with the job, but I am especially grateful to be able to help expand and strengthen the graduate programs at BSU. Besides gaining more experience with all



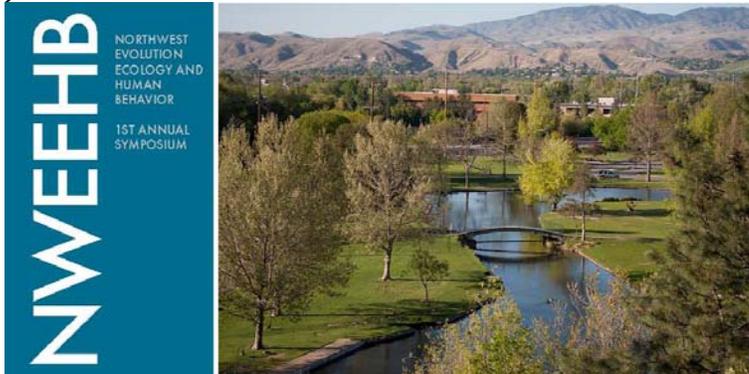
Dr. Christopher Hill

the graduate programs at BSU in general (there are over 75 master's, plus three types of doctorates), I am especially interested in exploring ways BSU can develop professional science master's programs. As part of my transition to the Graduate College, Dr. Scott Lowe took over the responsibility of directing the Environmental Studies Program. Besides sitting on thesis committees, I have also been active with the mobile learning initiative at BSU, serving as a presenter for the Summer Institute and as a key note panelist for "B Mobile Day."

On the research side of things, it has been a busy year, too. I was lucky to get back some new radiocarbon dates on a mammoth skeleton from Montana indicating it died about 12,500 years ago. This is especially important because there is evidence of human activity associated with the mammoth fossils (although no projectile points!) and the dates would indicate that the find is about 1,500 years older than Clovis. I reported on the new dates and the geologic context of the mammoth at the 2012 meeting of the Geological Society of America. At the American Quaternary Association meetings last summer, Tami Cox and I presented a paper on a mammoth found in southwest Idaho (in a gravel pit near Fruitland) and Cynthia Bradbury and I presented a paper on isotopes in mammoth teeth (they could be related to climate and diet). I also prepared papers for the Ecological Society of America (long-term biodiversity in the Rocky Mountains) and a conference in Turkey (the evolution of ecosystems in the Taurus Mountains and Ceyhan River basin). Last Fall, I had the opportunity to give a talk on "Environments, Evolution, and Extinction" for the BSU Ocher Institute and also was a participant in National Public Radio's Science Friday "Ice Age C-Stars: Horses, Camels, and Cheetahs." That was fun.

I continue to serve as the Secretary-Treasurer of the Archaeological Geology Division of the Geological Society of America and as a reviewer for National Science Foundation grant proposals and for several journals. I also served as part of an external review team for the Department of Earth and Environmental Systems at Indiana State University. Four papers that were submitted a while ago have made it through the peer review process and have been accepted for publication. So, it has been a busy, but fun, year with lots of new things to learn.

# Northwest Evolution, Ecology and Human Behavior Symposium



## Plenary Speakers

Ed Hagen, Washington State University, Vancouver

Kristen Hawkes, University of Utah

Donna Leonetti, University of Washington

Karen Kramer, University of Utah

Anna Prentiss, University of Montana

The first annual Northwest Evolution, Ecology and Human Behavior (NWEEHB) Symposium was held on the Boise State University campus on April 19-21, 2013. The purpose of the symposium was to promote greater interaction between regional departments and scholars with interests in evolution, ecology, and human behavior and foster opportunities for collaboration with colleagues in the region. To this end the symposium was a resounding success, with 16 presentations given by faculty and graduate students from around the Northwest, along with 15 research posters from faculty and graduate students at institutions across the Northwest including Boise State University, College of Western Idaho, Idaho Museum of Natural History, Idaho State University, Logan Simpson Design, University of Montana, University of Nevada-Reno, University of Utah, University of Washington, Washington State University (Pullman and Vancouver).

The symposium fulfilled its goal of providing graduate and undergraduate students an opportunity to learn about graduate programs in the region as well as interacting with faculty in a less formal setting. The Boise State Anthropology Club and Archaeological Students Association Club students were instrumental in organizing and working the conference.

The symposium funding came through the Human Behavior and Evolution Society, the BSU College of Social Science and Public Affairs Dean's Office, and the Associated Students of Boise State University.



**NWEEHB Reception and poster session, Student Union Look-out Room.**

## Dan Montgomery NWEEHB Symposium Fund

The department would like to thank Dan Montgomery for supporting the Northwest Evolution, Ecology and Human Behavior Symposium through the creation of the Dan Montgomery NWEEHB Symposium Fund. This annual grant, set up through the BSU Foundation, is designed to support the NWEEHB Symposium with an emphasis on maximized student participation. Up to 25% of the funds may be used to support the creation of Boise State student (both grad and undergrad) and faculty posters related to the symposium, and the remainder is to be spent at the approval of the department chair on the symposium. If the symposium is hosted by a different regional university, funds are to be used for the cost of student and faculty transportation to the hosting university. Priority will be students first and then those presenting at the symposium.

*—SAVE THE DATE—  
2nd Annual NWEEHB  
Symposium  
March 7-9, 2013.*

## Anthropology Open House Welcomes New Research Spaces



On September 18, 2013 the Anthropology Department hosted an open house to celebrate our three new spaces in the Mathematics building (formerly Math/Geo).

The Anthropology Research Lab (Math 138) supports graduate and faculty research involving chemical processing. This space will be utilized by the bioanthropology and archaeology faculty. The remodel was funded by the BSU central administration and included new safety infrastructure, two fume hoods, three sediment traps, and specialized storage space.

The new Anthropology Teaching Lab (Math 127) serves biological anthropology courses as well as specialized graduate courses and undergraduate methods courses. The remodel includes expansive cabinet space for our skeletal collections, Ethernet wiring, lab tables and chairs, and aesthetic improvements to the room. This investment is relevant to graduate and undergraduate teaching goals, and developing graduate culture as future graduate students will be involved in facilitating undergraduate learning as we grow the graduate program.

The new Anthropology Graduate Lab (Math 137) is intended for our growing graduate student enrollment. This lab provides space for graduate students to work on projects/research and for interaction with undergraduates as part of teaching assistant duties. The space will become increasingly important as we have more graduate students taking on teaching assistantship roles, an important part of developing the graduate culture at BSU and graduate student professional development. Adjacent to the Graduate Lab are two new office spaces for anthropology faculty.

## BSU Faculty Use of Time and Work

John Ziker, Kathryn Demps, and David Nolin of the Department of Anthropology teamed up with Matthew Genuchi of the Department of Psychology for a Time Allocation Workload Knowledge Study (TAWKS) of faculty at Boise State University. The TAWKS project focuses on what academic faculty members are doing at work and when they work. The main purpose of Phase 1 was to get a general idea of what an average day looks like for a faculty member at Boise State University. In the first phase of the project they worked with 30 faculty members using a modified version of the 24-hour recall diary. That method has been used by the U.S. Bureau of Labor Statistics Americans Time Use Survey as well as other studies. The team trained 14 undergraduate research assistants in the method and gathered 166 person-days worth of data in early April.

According to the findings, the faculty participants worked on average 61 hours per week. Each faculty worked approximately 10 hours per weekday and just under 10 hours on the two weekend days combined. Interestingly enough, faculty spend 13 percent of their time doing administrative activities (such as reporting, taking surveys, filling out forms) during the weekdays. Roughly 40 percent of their time is spent on teaching-related activities on both weekdays and weekends. However, faculty spent a greater portion of their time doing research over the weekend than during the weekdays.

The main categories were broken down to provide data on activities. One of the most significant findings of the analysis was that faculty spent approximately 17 percent of their work week days in

meetings, which ranged from advising meetings to committee meetings. During the weekend, faculty spent 23 percent of their time on class preparation compared to 12 percent during the weekday.

Despite faculty only spending 59 percent of their work time on campus, the total sum of hours working on campus came out to 36 hours a week. When faculty worked at home, 50 percent of their time was focused on teaching-related activities. The study showed 57 percent of the faculty's time was spent working alone while approximately 17 percent of the time they were with other colleagues and 15 percent with students.

These data illustrate that the work of faculty members were more complex than represented in the university workload policy and annual reporting activities. The results show that BSU faculty work significantly more than the average 40 hours per week and that the largest portions of their time are spent on teaching-related activities and conducting research. The weekends were spent catching up on courses and also conducting research. Faculty also spent a substantial amount of time working off campus. In order to better understand workload time allocation, Phase 2 of this project will include a daily self-report about satisfaction with the day's productivity at the conclusion of each work day.

The investigators acknowledge the support of the College of Social Science and Public Affairs Dean's office for providing financial support to train the research assistants and to develop the mobile application for Phase 2 of the TAWKS research project.

## Alumni In Action

- **Alex Blake** (BA '09) began his second year as an MA student in Global Human Development at Georgetown University.
- **Keitha Gamble** (BA '13) began her first year in the Master of Public Health at ISU.
- **Matt Douraghi** (BA '12) began his first year in the MA in Anthropology at California State University, East Bay.
- **Amber (Thompson) Koski** (BA '10) is working as a full-time archaeologist with the BLM in Price, Utah.
- **Jackson Irish** (BA '06), a Captain in the US Army, graduated from the Defense Language Institute Basic Thai, and is beginning the Southeast Asian Securities Master's Program at the Naval Postgraduate School in Monterey, CA.
- **Stephanie Lyle** (BA '03) is beginning a PhD in Industrial Organization Psychology at the University of Phoenix.
- **Joseph Purcell** (MA '12) is a medico-legal death investigator at the Ada County Coroner's office.
- **Kersti (Harter) Kennedy** (BA '07) is a Litigation Associate Attorney at Stoel Rives, LLP, in Boise Idaho.
- **Robert Karinen** (MA '09), Forensic Supervisor at the Ada County Coroner's office began the PhD program in Public Policy at Boise State University.
- **Katharine Drahold-Cross** (MAA '13), is teaching English as a second language in the Boise School District.

## Margaret Streeter Retires



**Dr. Margaret Streeter**

Dr. Streeter joined the Boise State Anthropology Department in August 2005. In 2012-13 Dr. Streeter published two peer-reviewed book chapters and a journal publication. The first was a chapter in *Forensic Microscopy for Skeletal Tissues: Methods and Protocols*, edited by Lynne S. Bell, and part of Springer's *Methods in Molecular Biology* series, volume 915. The second was in the book *Bone Histology: An Anthropological Perspective*, published by CRC Press, known for publishing scientific, technical, and medical references and handbooks. Dr. Streeter's three conference presentations were in co-authorship with students and colleagues at BSU, as well as students and colleagues at University of Montreal, illustrating her long-term commitment to involving students in research and in developing research collaborations. In 2012-13 Dr. Streeter also mentored a number of undergraduate and graduate students who volunteered to work in her lab applying histological and forensic methods. Margaret retired in May 2013 and has since moved with her husband to Bonita Springs, Florida. We wish Dr. Streeter the very best in this new phase of her life. Her many contributions to the department will be missed.

## 2014 Desert Studies Institute Workshops

The Desert Studies Institute (DSI) was established in 1997 as a cooperative program between the Department of Anthropology and Celebration Park, which is operated by Canyon County Parks, Recreation and Waterways. Each year the Desert Studies Institute provides a broad range of academic offerings of interest and value to students, teaching professionals, Idaho's citizens, and visitors.

The mission of the Institute is to provide educational programs and scholarly presentations concerning the prehistory, history, ecology, and politics of Idaho's desert environments and deserts worldwide. The programs are presented to enrich the understanding and appreciation of complex desert ecosystems in Idaho and to promote their perpetual preservation as educational resources for the future.

The summer DSI workshops are offered for pass/fail credit at the undergraduate or graduate level. For more information call Extended Studies at (208) 426-1709 or visit <http://boisestate.edu/summer>.

For descriptions of the workshops go to <http://sspa.boisestate.edu/anthropology/desert-studies-institute/>

### Exploring Desert Ecology

May 29 & 30, 2014 by Mark Plew & Tom Bicak, Boise State University and Canyon County Parks, Recreation and Waterways

### Desert Decisions: Politics, Science and the Public in the Great Basin

June 3 & 4, 2014 by John Freemuth, Boise State University

### A Japanese American Camp in the Idaho Desert

June 5 & 6, 2014 by Russell Tremayne, College of Southern Idaho

### Ethnobotany: An Introduction to Edible, Medicinal, and Useful Plants

June 7 & 8, 2014 by Ray Vizgirdas, Boise State University

### Great Basin Birds of Prey

June 9-12, 2014 by Marc Bechard, Boise State University

### Depositional Environments and Organisms of Ancient Lake Idaho

June 13 & 14, 2014 by Tiffany Rivera, College of Western Idaho

### Owls of the Snake River Plain

June 16-19, 2014 by Marc Bechard, Boise State University

### Indians of Idaho

June 21 & 22, 2014 by Garrett Webb, Boise State University

### Volcanoes of the Western Snake River Plain

June 27 & 28, 2014 by Craig White, Boise State University

### Fish and Invertebrates of the Snake and Boise Rivers

July 22 & 23, 2014 by Terry Maret, U.S. Geological Survey, Idaho Water Science Center

## Boise State University Archaeological Field School



Test excavations conducted at Harrington Park in the South Hills near Twin Falls, Idaho.

During May and June 2013, Boise State University conducted its annual archaeological field school at three different locations. Test excavations were conducted at Three Island Crossing—location of previous BSU field schools. The project re-mapped the locations of previous investigations and recovered additional evidence of Late Archaic occupations (2000-150 BP). Additional testing was conducted at Harrington Park in the South Hills near Twin Falls, Idaho in conjunction with the Sawtooth National Forest. Testing produced evidence of only limited use of the location—quite apart from the nearby Rock

Creek site. The final week of field school was spent working alongside members of the Idaho Army National Guard's archaeological survey team on the Orchard Training Center south of Boise.

The field school participants included Yvette Brown, Hope Esplain, Andrew Eubanks, Cheyanna Grant, Abram Grisham, Matthew Koob, Jordan Modellmog, Emily Moes, Katherine Petersen, Angie Richard, Audrey Rogers, and Jen Roundtree. Shawn Roberts served as graduate field school assistant.

## Denis Williams Archaeological Field School, Guyana



Mark Plew at the field station.

The Sixth Denis Williams Summer Archaeology Field School—a joint program between Boise State, the University of Guyana and the Walter Roth Museum of Anthropology was conducted July 5-17, 2013.

This year's field school conducted survey at Karanambu in the north Rupununi. The field crew included Guyanese archaeologists Gerard Pereira and Louisa Daggers as well as staff from the Walter Roth Museum of Anthropology and the University of Guyana. The survey team also included seven Mukusi students from Yupukari Village. The survey identified 13 new Rupununi phase sites including large lithic reductions stations not previously recorded in the Rupununi.



2013 Denis Williams Archaeology Field School participants.

### OTHER NEWS

- **Robert Graff** had an article published in the June 2013 Centers for Disease Control and Prevention's Preventing Chronic Disease volume entitled, "Using a Geographic Information System to Improve Childhood Lead-Screening Efforts."
- **Kathryn Demps** was interviewed by Forests News, a blog by the Center for International Forestry Research  
<http://blog.cifor.org/18647/indias-jenu-kuruba-forest-honey-industry-sticks-to-tradition-study/#.UiNyzcu9KSM>
- One of **Samantha Blatt's** histological microscopy photos (of an archaeological tooth) was selected to be in the 2014 Buehler Microstructure Calendar and was awarded an honorarium. The calendar will be published in December.
- **John Ziker** was quoted in an October 3, 2013 Boise State Public Radio story about StoryCorps and why people tell and record their stories.

## Master's in Anthropology Graduates



**Louisa Dagers (M.A.A. 2012)** received her BA in Tourism Studies from the University of Guyana. She completed her Boise State Masters of Applied Anthropology project entitled, "The Development of a Cultural Management Archaeological Infrastructure Necessary for Guyana and Developing Countries."



**Nicole Nickoloff (M.A.A. 2012)** received her BA in Anthropology from the Boise State University. She completed the Boise State Masters of Applied Anthropology program with her project entitled, "Analysis of Sediments from Danskin Rockshelter."



**Joseph Purcell (M.A. 2012)** received his BA in Anthropology from The Ohio State University. He completed the Boise State Masters of Arts in Anthropology program with his thesis entitled, "Investigation of Histomorphometric Values in an East Arctic Foraging Group, the Sadlermiut."



**Jillian Roberts (M.A.A. 2012)** received her BA in Anthropology from Boise State University. She completed the Boise State Masters of Applied Anthropology program with her project entitled, "Lower Boise River Archaeological Context."



**Samuel Smith (M.A. 2013)** received his BA in Anthropology from Boise State University. He completed the Boise State Masters of Arts in Anthropology with his thesis entitled, "Effects of Sediment Consolidation and Frost-Heaving on the Vertical Movement of Lithic and Ceramic Artifacts."



**Katharine Drahold-Cross (M.A.A. 2013)** received her BA in Anthropology from Washington State University. She completed the Boise State Masters of Applied Anthropology program with her project entitled, "Health Status of African American Subadults at Shiloh Cemetery in 19th Century Missouri."

## Anthropology Graduate Student Research Activities

**Jon Dugmore**, MA in Anthropology, presented a paper at the 40th Idaho Archaeological Society Conference entitled, "A Modern Approach to Site Recording on the Orchard Combat Training Center."

**Joellie Rasmussen**, MA in Anthropology, presented a poster at the inaugural Washington State University Interdisciplinary Research in Anthropology Conference entitled, "Male Reproductive Success and forms at Wealth in Northern Siberia."

**Marielle Black**, MA in Anthropology, received a Student Research Initiative fellowship for her project "Using XRF to assess variance in obsidian source distribution in Southern Idaho."

## 2013 MA and MAA Anthropology Cohort

Six students have been accepted into the Fall 2013 graduate program cohort. We welcome **Mark Beil**, BA in Anthropology from Boise State University, **Teresa Casort**, BS in Anthropology from Missouri State University, **Jonathan Dugmore**, BA in Anthropology from Boise State University, **Sheila Brierley**, BA in Anthropology from Pacific Lutheran University, **Rebecca Jumonville**, BA in Anthropology from Boise State University, and **Shawn Roberts**, BA in Anthropology from Boise State University.

## Donations Needed for Scholarships

Help endow the Anthropology Department Scholarship Fund!

Donations can be made to the Boise State University Foundation, a private, non-profit 501(c)(3) organization established to raise, manage and invest funds on behalf of Boise State University. Designate fund SR026 on the form: <https://giving.boisestate-foundation.org>.

Contributions are tax-deductible.

If you are interested in making a donation to the department but have questions, please make your inquiries to:

Rick Jung  
SSPA Development Director  
1910 University Drive  
Boise State University  
Boise, ID 83725-1900  
(208) 426-3715  
[rickjung@boisestate.edu](mailto:rickjung@boisestate.edu)

SUPPORT BOISE STATE  
Make a Gift

## \$20.13 Scholarship Campaign

The Department of Anthropology is continuing with the scholarship campaign called Campaign \$20.13. The premise is simple. If each and every student graduating from SSPA this year were to make a gift of \$20.13 to the SSPA \$20.13 Endowed Scholarship Fund we could potentially raise well over \$15,000. This would be enough to provide one new scholarship to a deserving SSPA student in perpetuity. But we are taking this a little further. We are also asking the SSPA Advisory Board to support this endeavor with matching gifts as well as family, friends, faculty, and staff to step up and support this project. When this campaign is completed at the end of June 2013 we are hoping to have raised \$25,000. Then we will start all over again on July 2014 with Campaign \$20.14.

We in the Department of Anthropology hope that you will consider making your gift in support of campaign \$20.13. We realize that many of you struggled to make this dream of a college education a reality. We are asking that you leave behind a permanent legacy that will ensure students following in your footsteps will have it just a little easier. Your gift of \$20.13 will do that!

For more information please contact Rick Jung at [rickjung@boisestate.edu](mailto:rickjung@boisestate.edu).

## Silver Archaeology Scholarship

The Department of Anthropology has been gifted a new scholarship through the Perry and Charlotte Silver estate. Perry Silver was a founding member of the Idaho Archaeological Society and served as the organization's secretary for many years. Mr. Silver helped to create the society's annual conference and its state journal the *Idaho Archaeologist*. He was dedicated in his support of all efforts to preserve Idaho's past heritage and educate its public about Idaho archaeology. Perry and Charlotte were, as were John and Florence Schaertl, great supporters of Boise State. We are very grateful that they chose to make this donation to the department, as it will provide much needed graduate student support.



The department has created a new page on Facebook. Take a moment to check out what the department is doing, and make sure to "like" us!



**Boise State University Anthropology Department**

# BOISE STATE UNIVERSITY

DEPARTMENT OF ANTHROPOLOGY  
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Fax: 208-426-4329  
E-mail: [anthropology@boisestate.edu](mailto:anthropology@boisestate.edu)

We're on the Web!  
See us at:

<http://sspa.boisestate.edu/anthropology/>

## Anthropology Club

The officers for 2013-2014 are:  
*President—Melissa Kidd*  
*Vice-President—Bailey Piña*  
*Treasurer—Kim Young*  
*Secretary—Brandy Blush*

## Archaeological Student Association (ASA) Club

The officers for 2013-2014 are:  
*Director—Audrey Rogers*  
*Events Coord—Nicole Inghilterra*  
*Secretary—Yvette Brown*  
*Treasurer—Steve Russell Jr.*

## 2013 FAST FACTS:

- Anthropology Majors: 124  
Freshmen: 23  
Sophomores: 27  
Juniors: 26  
Seniors: 43  
2nd Degree Majors: 5
- Anthropology & Native American Studies Minors: 66
- Internships: 4
- Independent Studies: 1
- Cultural Awareness Training (CAT) workshop certificates: 10
- Students served by department: 3,296

## Student News

### Dean's List Fall 2012

**Highest Honors:** Emily Dubie, Phil Daily, Keitha Gamble, Nychele Haskell, Andrew Eubanks.

**High Honors:** Keri Urbanski, Jasmine Deroy, Dusti Huddleston, Cassie Green, Lonnie Smith, Mandi Stewart, Shawn Roberts, Mitchell Brinton, Sarada Issuree, Yvette Brown, Julia Edwards, Jared Albrecht, Janette Watson, Candis Redfield.

**Honors:** Melissa Kidd, Ashlen Cooper, Haley Myers, Sierra Miller, Brendon Robbins, Kayla Bartling, Jeremy Johnson, Michael Stover.

### Dean's List Spring 2013

**Highest Honors:** Jared Albrecht, Hope Esplain, Lonnie Smith, Ashlen Cooper, Melissa Kidd.

**High Honors:** Katie Taylor, Keri Urbanski, Emily Moes, Sarah Kehne, Yvette Brown, Anne Hasnain, Andrew Eubanks, Nychele Haskell, Jasmine Deroy, Emily Dubie, Phil Daily.

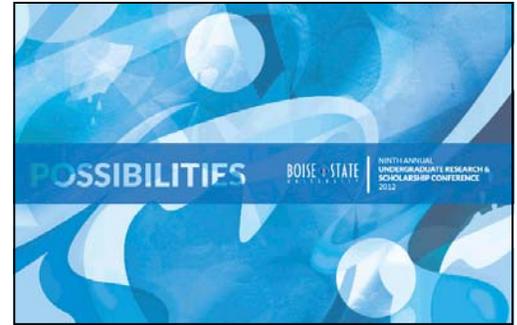
**Honors:** Chuck Gilbert, Valerie Strasser, Candis Redfield, Holli Newman, Rachel Cook, Laura Larson, Kayla Bartling, Shawn Roberts, Amber Bennett, Mark Beil, Sarada Issuree, Dianna Ezzell.

### 2013 Scholarship Recipients

**Nychele Haskell, Jared Albrecht, Cristen Iris, Sarada Issuree, Mandi Stewart, and Emily Dubie** received Anthropology Department scholarships. **Ashlynn Goody** received the Native American Student Scholarship.

### Anthropology Graduates

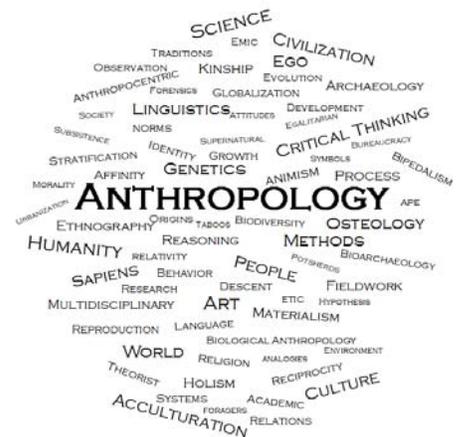
David Christensen, Jeremy Johnson, Jeff Prengamen, Nick Thomas, Keesha Renna, Tyler Burkholder, Carrie Jilek, Coral Hill, Valerie Hayes, James Eschenbrenner, Armic Momovic, Louisa Dagggers, Matt Douraghi, Kayla Bartling, Megan Bauer, Mark Beil, Rachel Cook, Reid Copeland, Natalie Ferri, Keitha Gamble, Ashley Hislop, Sara Kirby, Laura Larson, Katherine Mcbeth, Molly McCartney, Juli McCoy, Holli Newman, Shawn Roberts, Cheyenne Robinson, Michael Stover, Keri Urbanski, Katherine Drahold-Cross.



### BSU Undergraduate Research & Scholarship Conference

The annual BSU Undergraduate Research and Scholarship Conference provides undergraduate students at Boise State University a forum to share their research projects and be recognized for their exceptional work. At the 9th Annual BSU Undergraduate Research and Scholarship Conference on April 16, 2012 Beki Jumonville presented a poster entitled, "Analysis of Human Remains from the Siriki Shell Mound, Northwestern Guyana."

### **Boise State's Anthropology Club**



The Anthropology Club is selling tee-shirts with the above logo. If you are interested in purchasing a tee-shirt, please contact Melissa Kidd, Anthropology Club President, at [MelissaKidd1@u.boisestate.edu](mailto:MelissaKidd1@u.boisestate.edu). The cost of the tee-shirt will be between \$12-15.