

Department of Anthropology Newsletter

Spring 2015



Chair's Welcome

Dear faculty, staff, students, alumni, and friends,

I am pleased to introduce the 2015 Anthropology Department newsletter. In the fall we welcomed Kristin Snopkowski and Pei-Lin Yu as new tenure-track faculty, and Kendall House as a full-time lecturer. For more information on their research interests and teaching profiles see their individual summaries alongside the updates from our other faculty.

We are happy to announce that our Third Annual Northwest Evolution, Ecology, and Human Behavior symposium will take place April 10-12, 2015. Building on the success of the first two symposia, this year promises a stimulating lineup of plenary speakers. The purpose of this symposium is to encourage communication and collaboration between scholars in the northwest region interested in these topics. Our own students take part in the planning and implementation of the event, present their own research, and participate in Q&A and more informal discussions with scholars from top departments in the northwest. For the past two years the Anthropology Club and Archaeology Students Association have played a major role in securing the funding for the event and providing volunteers to help staff the event.



John Ziker, Chair

Thanks go out to our student organizers and volunteers who are making this an event known across and beyond the northwest! The department received small grants from the Human Behavior and Evolution Society to support NWEHBB 1 and 2, and we are grateful for the society's support. We are also honored and grateful to Dan Montgomery, who created the Dan Montgomery NWEHBB Symposium Fund that will provide continuing support for this event into the future.

The Department of Anthropology at Boise State University is a growing, research-oriented faculty with a thematic focus on human evolution and ecology. Our undergraduate program prepares students with a strong background in the discipline, hands-on research opportunities, and critical learning skills needed for today's workforce. Our graduate program is designed around the premises of an integrated causal model and mentoring students through original master's research and projects.

Thank you in advance for taking time to take a look at this year's newsletter. We appreciate your support as we continue to provide excellent teaching, research, and service, and the development of hands-on experiences for students outside the classroom.

Faculty News — Kathryn Demps

Kathryn Demps has started several new ventures in her third year with the Boise State Anthropology Department. She joined the MILES team (Managing Idaho's Landscape for Ecosystem Services) and is working with members of the Biological Sciences Department to understand how local recreationists interact with the environment. The National Science Foundation provided money to hire graduate and undergraduate students to participate in this research. She also enjoyed working with students for the Anthropology Department's first-time participation in STEM Exploration Day and the eGirls science camp this summer. Another first for Dr. Demps was teaching our new online class - Anth 105: Evolution and Human Behavior.

In July, Dr. Demps traveled to Brazil to present her research on foraging group formation among honey collectors in India and silver prospectors in 19th C.



A selfie taken with the Brazilian landscape.

Colorado. She presented this data for the Human Behavior and Evolution Society, as well as for the Ecology Department at the Federal University of Rio Grande do Norte. Dr. Demps published an article on this data in October, and has been invited to co-author another paper on this topic. She has been invited to speak at Arizona State University about similar research.

Dr. Demps travelled to Barcelona in December to discuss her theoretical models on household production and market participation at the international conference on Small-scale Societies and Environmental Transformations.

Dr. Demps has co-authored three additional papers and a book chapter submitted for publication this year. She continues to review articles for several journals and grant applications for the National Science Foundation. She is proud that the Sustainability Club, which she advises, and has tripled the area of cultivation at their garden at 1415 Juanita. She also enjoys teaching her classes and advising graduate students.

She is looking forward to our 3rd annual NWEETHB symposium with an exciting slate of plenary speakers.

Faculty News — Kendall House

Kendall House is teaching four online sections of ANTH 105 Evolution and Human Behavior in the fall and spring semesters, along with ANTH 102 Cultural Anthropology in the fall, and ANTH 307 Indians of North America in the spring. ANTH 105, first offered in spring 2014, received the Quality Matters seal of approval in July.

Kendall is developing a custom eTextbook to support ANTH 105 Evolution and Human Behavior as part of Boise State's first "eTextbook Bootcamp." The eBook is being developed using Apple's iBooks Author software and will incorporate interactive features. Several chapters will be tested during the spring semester of 2015 and the first edition is planned for adoption during fall 2015. Updated editions will be released on an ongoing basis, and will automatically



be delivered to all subscribers. Students who enroll in ANTH 105 will receive access to the eTextbook at no charge, including updated editions in future semesters beyond the semester they are enrolled.

Buying an iMac to produce the eTextbook inspired Kendall to acquire a Scrivener software package to begin tackling the job of integrating and reducing 1,461 fragments (averaging 4.5 pages, over 6,500 pages to-

tal) into a planned 300-page book on the evolution of exploitative social relations in human societies. He was very pleased when graduates of his "Exploitation Workshop" played key roles in bringing garment workers to the Boise State campus on the evening of October 8. The "Exploitation Workshop" will be offered again, with new material, in the fall semester of 2015.

On November 11, Kendall will do a short presentation as part of Blackboard Day at Boise State, on strategies to reduce academic misconduct related to technical mishaps in online teaching environments. This fall also concludes his service on the eCampus subcommittee of the Strategic Enrollment Plan (SEP) being developed for Boise State.

Faculty News — Mark Plew

Mark Plew supervised the Boise State University Archaeological Field School which conducted excavations at the Late Archaic period Medbury site near Hammett, Idaho. He subsequently conducted an investigation of the shell mound of Warapana in Northwestern Guyana as part of the University of Guyana's Denis Williams Archaeological Field School. Last summer's program trained eight University of Guyana students. In addition, Plew oversaw test excavations of sites in the Sawtooth National Forest Tunnel Hill and Big Creek Allotment project. A report on the investigations of the Medbury site will be included in a Masters thesis being prepared by Shawn Roberts. The report on the Warapana excavations entitled, *Archaeological Excavations of the Warapana Shell Mound, Northwest Guyana* is scheduled for publication in the *Archaeological Monograph* series of the University of Guyana. With graduate student Stacy Guinn he published "Assessing Impacts of



Archaeological Field School students excavating a site near Hammett, Idaho.

Natural Events on the Holocene Anadromous Fish Populations of the Western Snake River Plain" in *Rivers, Fish and People* edited by Pei-Lin Yu and published by the University of Utah Press (2014). Dr. Plew prepared four entries for the *Encyclopedia of Caribbean Archaeology* edited by Basil Reid and Grant Gillmore, University of Florida Press. He also published "Archaeological Test Excavations at Site 10-CA-177, Sawtooth National Forest" through

the Center for Applied Archaeological Science *Cultural Resource Reports* and "Recent Radiocarbon Dates for Occupations of Siriki and Wyva Creek Shell Mounds, Northwestern Guyana" in the *Archaeo-Malacology Newsletter*. He contributed four essays to the *Crossroads Magazine*. With co-authors Shawn Roberts and William Nance, College of Idaho, *Archaeological Excavations at Jump Creek Cave* is scheduled for publication Fall, 2014. Dr. Plew worked with students on papers relating to dietary importance of shellfish in the Northwest (Jeremy Johnson) and winter mobility relating to fuel exploitation in the arid west (Michael Bishop). 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 northwestern Guyana. With Jan Kee he presented on prehistoric mobiliary art in Idaho at the annual meeting of the Society for American Archaeology.

Faculty News — Kristin Snopkowski

Kristin Snopkowski has joined the department as an assistant professor in human behavioral ecology. She completed her doctorate degree in 2011 at the University of New Mexico in evolutionary anthropology. Dr. Snopkowski's dissertation research tested cultural and economic theories of fertility decline by interviewing women from San Borja, Bolivia about reproductive decision-making. Results from this study were recently published in the *American Journal of Physical Anthropology*. This article concluded that both embodied capital and social networks influence fertility outcomes. This is a particularly important result because some researchers have presented economic and cultural hypotheses as competing, but this research argues that economic and cultural processes influence each other and have joint effects on reproductive decision-making.

Immediately before arriving in Boise, Dr. Snopkowski worked as a post-doctoral research fellow at the London School of Hygiene and Tropical Medicine, exploring the effects of kin on fertility outcomes. This pro-

ject led to several research areas: first, she explored the mechanisms by which post-marital residence with maternal or paternal kin leads to different fertility outcomes in Thailand (*Evolution and Human Behavior* 2013). Second, she tested an intergenerational conflict model which was proposed to explain human menopause. This model argues that when women live patrilocally after marriage, reproductive conflict between mothers-in-law and daughters-in-law may lead to reproductive suppression for mothers-in-law which, over time, may lead to the evolution of menopause. Using data from Indonesia, Dr. Snopkowski (with colleagues, Drs. Moya and Sear) found that ethnic groups with a history of patrilocal post-marital residence did not have an earlier age at menopause than ethnic groups with a history of matrilocal post-marital residence, suggesting that the



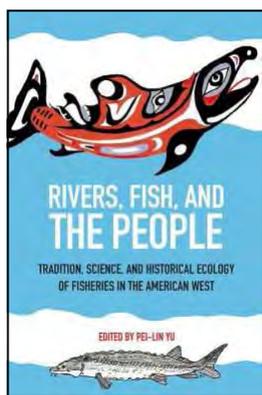
model may need respecification. This study was recently published in *Proceedings of the Royal Society B: Biological Sciences*. Finally, she investigated the predictors of grandparental helping behavior in Indonesia and found that need is a major determinant of help provided by married grandparents and grandmothers. This research suggests that the effect of grandparental presence on child outcome may be confounded by the preferential helping behavior of grand-

parents.

Her future work will explore reproductive and parenting decision-making among men in different contexts. Dr. Snopkowski will apply for grants this spring from the National Science Foundation to fund this work.

Faculty News — Pei-Lin Yu

Dr. Pei-Lin Yu is wrapping up her first year and enjoys meeting students and learning about their research interests. She is wrapping up a number of publications: *Rivers, Fish and the People*, an edited volume about Native use of rivers, archaeology, and historical ecology was published in April 2015. Dr. Mark Plew and BSU Anthropology grad student Stacy Guinn are contributors.



Dr. Yu is guest editor of a special issue of the *Journal of Anthropological Archaeology* in honor of Lewis Binford, which features articles that span millions of years and across the globe that are inspired by the intellectual approaches of Dr. Binford. The issue has been released, and is available through the Boise State Albertson's Library at <http://www.sciencedirect.com/science/journal/02784165/38>. In summer '14 Dr. Yu co-edited *Lithics in the West*, (U. of Montana Press), and authored *Implications of Upper Columbe River Lithic Technology for Prehistoric Fishing in the Rockies* for that volume. Finally, Dr. Yu has signed a new book contract with Left Coast Press for an edited volume of international articles entitled, *Relevancy and Application of Heritage in Contemporary Society*.

Over winter break '14-'15, Dr. Yu visited Taiwan to develop a research design for an ethnoarchaeology project concerning traditional indigenous dryland mountain farming techniques, subsistence intensification and sustainability, and implications for early Neolithic transition on that island. She presented three lectures at Taiwan National University and Academia Sinica in Taipei, as well as the Taiwan National Museum of Prehistory in

Taichung. A highlight was a visit to Paleolithic sea-caves that are currently under excavation and span 30,000 years of prehistory. Dr. Yu gave a Friends of Anthropology lecture, and presented a research poster on this topic at the 2015 NWEHNB.

This spring, Dr. Yu prepared and submitted a research proposal to the Wenner-Gren Foundation in partnership with the Royal Ontario Museum for an international workshop regarding cultural heritage's role in modern society, and another proposal for a major science planning initiative to incorporate cultural sciences and Traditional Ecological Knowledge into research and management for the Great Northern Landscape Conservation Cooperative. Dr. Yu is the sole representative for cultural science in the GNLCC. She is also partnering with the BSU Geosciences Dept. for a project on human dimensions of disaster resiliency in diverse communities and received a seed grant from SSPA to pilot



the project this summer. Finally, Dr. Yu will work with Drs. Ziker, Demps, Plew, and Snopkowski on an NSF WIDER PERSIST Grant in summer '15 to re-tool key anthropology classes.

In April of 2015, Dr. Yu is serving as lead discussant in a NAGPRA summit for the University of

Montana, and presenting a paper on evolutionary implications of Archaic women hunters at the Society for American Archaeology meetings in San Francisco. She is also serving on a forum panel to discuss the archaeology of climate change, and how ancient and traditional adaptations can inform modern sustainability practices.

On the teaching front, Dr. Yu is getting into the swing with two large sections of ANTH 103. She is also teaching ANTH 312 North American Prehistory, and ANTH 400 Hunter-Gatherers in Global Perspective. She looks forward to teaching ANTH 513 Research Designs at the graduate level in spring '16.

Dr. Yu is leading an initiative to raise Boise State University's participation in federal science networks, and in October '14 conducted two campus-wide meetings of faculty, graduate students, and researchers in coordination with the Office of Sponsored Research. In March '15, Dr. Yu helped assemble and submit Boise State's application to the Rocky Mountains Cooperative Ecosystem Studies Unit, the largest federal science network in the U.S. Last but not least, Dr. Yu is on the organizing committee of the NWEHNB, and also coordinated our wildly successful Science, Technology, Engineering, Mathematics (STEM) activity for Boise State in February this year.

DEPARTMENT OF ANTHROPOLOGY "FRIENDS OF ANTHROPOLOGY"
COLLEGE OF SOCIAL SCIENCES AND PUBLIC AFFAIRS

Late Paleolithic and Early Neolithic Adaptations in Taiwan

Pei-Lin Yu
Friday, February 13, 2015
10:30-11:30 AM
Bishop Barnwell Room, Student Union Building

Between 4,000 and 6,000 years ago, the Neolithic ancestors of Taiwan's indigenous people sailed across thousands of ocean miles to colonize hundreds of Pacific islands including the Philippines, Hawaii, Tahiti, Madagascar, and coastal New Guinea. Yet we still know very little about the origins of these enterprising peoples from their ancient Paleolithic roots. Archaeological evidence indicates that, before Taiwanese Neolithic peoples could set out on ocean voyages, they boated across the Taiwan Strait from coastal China. On arrival, they would have encountered Paleolithic foraging people already in place for tens of thousands of years. What happened next? Was it a clash of cultures or more of a cross-pollination? This talk will present an overview of the evolutionary framework to tackle this question, and features discussion of important archaeological sites and their contribution to the state of our knowledge.



"Friends of Anthropology" is intended to facilitate communication and links between the Department of Anthropology and other academic units and programs in the university that share basic and applied research interests.

DEPARTMENT OF ANTHROPOLOGY "FRIENDS OF ANTHROPOLOGY"
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Faculty News — Samantha Blatt

Samantha Blatt is happy to be continuing her second year at BSU. Over the summer she participated in excavations at an Archaic Native American site in Ohio and enjoyed working with students for STEM Exploration Day and eGirls camp. This past January she traveled to Ohio and ran a Wenner-Gren Foundation sponsored open forum with local Native American groups to discuss how bioarchaeologists and indigenous groups could cooperate more effectively in interpreting and analyzing human remains. This past year she also presented her research on dental aging and growth at the AAPA meeting in St. Louis and added a graduate seminar in bioarchaeology and an

internship geared toward public outreach opportunities to her teaching repertoire.

A project with the Department of Material Science and Engineering involving a mysterious artificially deformed cranium with adhered animal and human hair as well as cinnabar pigment dating to the 1300s is ongoing. The cinnabar pigment

was chemically analyzed and isotopes as well as aDNA results continue to leave open a very interesting and confounding story for the origins of the skull, but have resulted in a growing relationship between our two departments. She has also submitted two manuscripts for publication which include analyses of the bioarchaeology of care from a prehistoric skeleton with a large facial tumor and

a mortuary study of the inclusion of a large cache of Glacial Kame projectile points in Late Prehistoric burials from Ohio. This summer, Dr. Blatt will begin surveying a cholera cemetery from the 1820s in Ohio for excavation in the years to come.



Samantha Blatt at eGirls camp. Students Austin Tenagio and Audrey Rogers assisting.

Faculty News — John Ziker

John Ziker has been working on several projects the past year. The first is a study of faculty time allocation using anthropological observation techniques in collaboration with Dr. Kathryn Demps and Dr. Matthew Genuchi in Psychology with support from the College of SSPA. The preliminary results were published in March 2014 in *The Blue Review*,

Boise State's online journal of popular scholarship in the public interest. Within a month of publishing this article, over 50,000 unique people had viewed the article. Dr. Ziker was subsequently interviewed for news articles about the research in *Inside Higher Ed* and the *Chronicle of Higher Education*. The research



is entering a new phase that will utilize smart phones and a random time generator to sample faculty time. There is much interest in this study across the country. Numerous colleagues interested in the results and the prospects of

broadening the study have contacted Dr. Ziker.

Two projects with Dr. David Nolin and Joellie Rasmussen (MA, 2014) are continuing. These include analyses of food sharing and demographic data from Siberia. An article in the journal *Sustainabil-*

ity Science was recently published and another submitted to *Current Anthropology* has just been accepted for publication. Dr. Ziker travelled to Prince George, BC in May to present the research on food sharing to the 8th Triennial International Congress of Arctic Social Scientists.

Dr. Ziker is establishing a Human Cooperation and Social Networks Laboratory in the department. The lab will focus on discussions of recently published studies and developing research projects in collaboration with graduate and undergraduate students. If any students are interested in participating, please contact Dr. Ziker.

2015 Desert Studies Institute

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. There is also a new non-credit option available. 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/>



Great Basin Birds of Prey

June 1-4, 2015 by Marc Bechard, Boise State University

Water in the West: Politics, Science and Economics

June 3 & 4, 2015 by Scott Lowe, Boise State University

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

June 6 & 7, 2015 by Ray Vizgirdas, Venture Fish and Wildlife Office—Desert Division

Owls of the Snake River Plain

June 8-11, 2015 by Marc Bechard, Boise State University

The Cultural Heritage of Idaho's Chinese Sojourners

June 10 & 11, 2015 by Pei-Lin Yu, Boise State University

Depositional Environments and Organisms of Ancient Lake Idaho

June 12 & 13, 2015 by Tiffany Rivera, Westminster College

Soils Analysis for the Archaeologist

June 13 & 14, 2015 by Jerry Jerrems, Boise State University

Death of an Ecosystem: Ground Squirrels, Cheatgrass and Wildfires

June 23 & 24, 2015 by Eric Yensen, College of Idaho, Emeritus

Basque Tree Carvings in Idaho

June 23, 26-28, 2015 by John Bieter, Boise State University

The Way West Through Southern Idaho

June 27 & 28, 2015 by Jerry Jerrems, Boise State University

Fish and Invertebrates of the Snake and Boise Rivers

July 21 & 22, 2015 by Terry Maret, U.S. Geological Survey, Idaho Water Science Center

TAWKS Study Mobile App

Phase 3 of the TAWKS (Time Allocation Workload Knowledge Study) is underway. Phase 3 will ask participants to respond to prompts from a mobile app, which is currently being developed by Boise State OIT designers, that will ask them several times a day at randomly generated times what they are doing right now and to quickly categorize it. The prompts will run as long as participants wish to continue. Participants will also be asked on the last prompt of the day about how they rank themselves in terms of productivity that day. At the end of the study we'll ask about how self monitoring changed their behavior. An SSPA mini grant and a gift from Interfolio.com were awarded to assist with the development of the



mobile app. The research team consists of Drs. John Ziker, Matt Genuchi, and Kathryn Demps. Boise State OIT specialists Phil Merrill and Colin Smith are working on the app design. Kelly McGinnis has been working with the team to analyze the Phase 2 data.

Phase 1, which used the 24-hour recall diary method, was completed in 2013. John Ziker wrote a summary article in *The Blue Review* entitled, "The Long, Lonely Job of Homo academicus" in March 2014 (<https://theblureview.org/faculty-time-allocation/>). Academics from around the world continue to contact him about the study.

STEM Exploration Day



STEM Exploration Day volunteers (from left to right): Drew Mcguire, Samantha Blatt, Kaitlyn Mansfield, Amy Smith, Pei-Lin Yu, Meighan Hymas, Phil Daily, and Julia Edwards.

The Anthropology Department participated in a very successful STEM Exploration Day event on February 7, 2015. Drs. Pei-Lin Yu and Samantha Blatt were assisted by Meighan Hymas, Phil Daily, Drew Mcguire, Amy Smith and her husband Zane, Julia Edwards, and Kaitlyn Mansfield.

The BSU Anthropology STEM (Science, Technology, Engineering & Mathematics) activities included magnetic pull-apart skulls, lithic manufacturing tools and debitage, a 'Blow it! Throw it! Bow it!' projectile station with a real South American arrow and a modern atlatl, and a very popular blow-gun demonstration. A poster developed by our Anthropology STEM students fea-

tured the ways that projectile technology varies by habitat and prey targets.

An estimated 700 children, plus their families, visited us in the Jordan Ballroom. The children were engaged and excited, and the highlight of the event was a blind 5-year-old boy who successfully used the blowgun and performed an 'awesome dance' when he heard the thunk of the dart in the target! This event placed children in a learning environment very supportive of Anthropology, and STEM learning areas in general. The BSU Anthropology students were outstanding in planning and carrying out a diverse array of activities in a busy, high stress day.

Service Learning at Zoo Boise and Beyond

While most of our students have visited the zoo, watched the primates, learned about primate behavior through classes or videos; how many have thought about the lives of these animals, their connection with the wild, or how they can participate in primate lives through volunteer work or conservation? To explore these connections, the Anthropology Department has partnered with Zoo Boise through ANTH 297/397 Enriching Lives of Zoo Boise Primates to provide an authentic experience where the student can see what they have learned has value in the community. This is a service learning class where reflection on the components of academics, civic involvement, and personal growth helps students integrate their learning and experiences.

In ANTH 297/397, students realize that Zoo Boise primates require daily enrichment and that the staff has limited time to develop new items. Once this need is recognized, students learn from the staff the individual nature and daily needs of each primate. With this information, research on

wild behavior, and their own observations, students develop enrichments that must be formally proposed and approved by the Zoo staff. This process provides direct experience in team work, project deadlines, and research.

Enrichments are built in a single day marathon with saws, drills, glue, etc. This semester, we made eleven puzzle feeders, three kerplunk feeders, two water bottle tumblers, and two PVC tumbler/cap puzzles. The payoff comes on

the day these items are presented to the primates. Keepers fill each item with favorite treats and everyone waits for a response.

There are always surprises, such as the timid male lemur who is the first to figure out flipping the bottle leads to treats. That is the fun, as well as the learning experience, since hypotheses based on previous behavior may



Patas monkey with PVC tumbler/cap puzzle. Photo by Adam Heldmy-

now be proven false. Poster presentations and reflection essays allow students to demonstrate their greater understanding of primate behavior, the role of zoos, and how they can be involved in the community and conservation.

In Spring 2015, John Ziker introduced an optional Service Learning component into ANTH 306, Kinship and Social Organization. The BSU Service

Learning office developed projects with six community organizations: the Community Council of Idaho, International Rescue Committee, the Basque Museum, Neighborhood Housing Services, Boise Parks and Rec After-school Mobile Recreation Unit, and the Boise International Market. The idea is to link student service with fundamental course concepts such as parental investment and allo-care. In Spring 2016 we will repeat the optional service learning component for Kinship and Social Organization, allowing students to develop their observational skills and create a mini-ethnography for their organization.



Lauren Willows-Munro and Lisa Greer.

John Ziker Selected for Fulbright Canada-RBC Eco-Leadership Award

John Ziker was selected for an award from the Fulbright Canada-RBC Eco-Leadership Program to support the project, "Applying Local Indigenous Wisdom for Environmental Education." In consultation with local Native American organizations and education stakeholders in Idaho, the project will develop educational materials for schools (K-12), reach out to schools and teachers, and offer opt-in field trips around the Boise area.

Mark Beil, an anthropology graduate student, and Delaney Glass, an anthropology undergraduate, helped develop the project. The project will work with the Inter-Tribal Native Council (INC), a Boi-



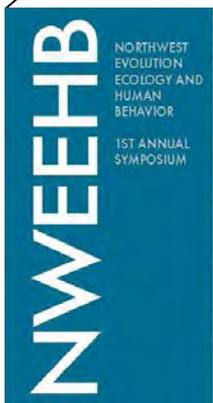
se State University student group, and the Native American Coalition of Boise (NACOB). The project includes a plan to design curricular materials and a K-12 Professional Development course to be offered through Boise State Extended Studies.

Creating an educational format wherein K-12 students can rediscover their environment and its human history through interacting with its resources and indigenous peoples is paramount in breaking down old perceptions. Furthermore, the involvement of students, the INC and the NACOB, the local tribes who main-

tain their ancestral relationship to the Boise River Valley, and Extended Studies will help ensure the sustainability of the project. The project aims to expand perceptions of our environment and perceptions of the indigenous peoples. The project aims to foster the development of ecological knowledge through active engagement with native tribal members and elders.

The Fulbright Canada-RBC Eco-Leadership Program provides small grants to current grantees and alumni of the Fulbright Canada program to partner with local organizations in order to make a significant positive environmental impact in their community.

2015 NWEHNB Symposium



Plenary Speakers

Elizabeth Cashdan, University of Utah

Karen Lupo, Southern Methodist University

Brooke Scelza, UCLA

Bruce Winterhalder, UC Davis

David Zeanah, Cal State Sacramento

The third annual Northwest Evolution, Ecology and Human Behavior symposium will be held on the Boise State University campus April 10-12, 2015. This year's symposium has an impressive line-up of talks and posters from presenters based both in the Northwest, the wider U.S., and internationally. The presentations include a wide variety of topics, including foraging models, collective action, reproductive decision-making, parental investment, sexual conflict and others that speak to the broader research area of human evolutionary ecology. This conference offers a unique opportunity to meet some of the best researchers in the field, in a less formal, more intimate setting. As we enter our third year of the NWEHNB conference, we hope it continues to promote greater interaction between departments, scholars, and students in the region and further afield. We envision this conference as an event where undergraduates can learn more about graduate programs and meet potential advisors, and where graduate students can present and solicit feedback on their own research from other scholars.

The Boise State Anthropology Club and Archaeological Students Association Club students are instrumental in organizing and working the conference. A special thanks to the Anthropology Club president, Jared Albrecht, and the ASA Club Director, Phil Daily, for the many hours they put into organizing the conference. Funding came through the Human Behavior and Evolution Society, the Associated Students of Boise State University, and the Dan Montgomery NWEHNB Symposium Fund.

Anthropology Lab Groups

The Department of Anthropology supports a series of lab groups bringing together undergraduate, graduate students, and faculty to research topics of broad public relevance.

Human Cooperation and Social Networks Lab Group led by John Ziker. The Human Cooperation and Social Networks lab group addresses multiple methods including online and field experiments, behavioral economics, social network analysis, and ethnographic field research. Social networks play a central role in cooperative vs. non-cooperative behavior, such as learning, economic exchange, adoption of new products, the languages and terminologies we use, disease transmission, as well as whether or not we decide to become criminals or pious religious functionaries. Network analysis helps to understand how network structures impact behavior, and how networks structures develop in the first place.

Endocrinology of Social Relationships Lab Group led by Kathryn Demps and Kristin Snopkowski. The Endocrinology of Social Relationships lab group explores the physiological mechanisms and explanations for human behavior in social contexts. Drs. Demps and Snopkowski specialize in evolutionary explanations of patterns of human behavior, most of which are contingent on mechanisms such as hormones. The lab group delves into those proximate

mechanisms to understand how responses might have been shaped by our evolutionary history and might still be shaped by our experiences growing up and the culture we currently live in.

Phylogenies of “Slavery” Project led by Kendall House. Exploitative social relations pose one of the most fundamental challenges facing contemporary nations and communities, with significant implications for a host of human problems, including demographic growth and contraction, human health, poverty, war, and cross-national cooperation on issues ranging from climate change to minority rights. Despite this, the origin and divergent development of exploitative social relations in human societies remains one of the most overlooked areas in anthropology and the sciences of humanity. The evolutionary sciences offer promising new theoretical and analytical approaches, which remain largely unapplied to exploitative relations. This project aims to identify plausible can-

didates for universal and derived patterns of exploitative social relations, based on a re-evaluation of ethnographic and historical data. Our initial focus will be on devising a strategy for extracting relevant information from the Standard Cross-Cultural Sample (SCCS) developed from the Human Relations Area Files (HRAF) by George Murdock and colleagues half a century. Despite its explicit aim to minimize the influence of cross-societal influences, contemporary scientists are in broad agreement that a phylogenetic approach to the SCCS, which explicitly integrates cross-societal influences into the study design, provides a sounder comparative foundation. In the instance of exploitative relations, there is a further need to re-examine and re-define the analytical categories. We will start with “slavery” and related categories including “wife capture” and “debt pawning” (each of which owes its existence to liberal ideologies – of free labor, marriage as contract, and debt servitude, respectively).



Boise State Archaeology Laboratory.

Archaeology Laboratory led by Mark Plew. The Anthropology Department’s Archaeology Laboratory provides opportunities for student training in basic laboratory methods through the Center for Applied Archaeological Science which was founded in 1986. Students are assigned tasks related to ongoing archaeological projects which introduce issues relating to archaeological processing and analysis.

Sibirica

John Ziker continues in his third year as editor of *Sibirica*, published by Berghahn Journals. The journal has three issues per year and is available in print and online. Albertson’s Library has a subscription to the online format. Each issue of *Sibirica* contains four or five original research articles, field reports, and book reviews.

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Alumni In Action

- **Sean Prall** (BA '08) finished his PhD at Indiana University, Bloomington and is teaching anthropology at New Mexico State University.
- **Natalie Ferri** (BA '13) has started the MA program at the University of Wisconsin in Southeast Asia Studies.
- **Alyanna Wintermote** (BA '14) is an Enrollment Counselor in the Admissions Department for Boise State University.
- **Louisa Dagers** (MAA'12) is the coordinator of the Amerindian Research Unit at the University of Guyana.
- **Jason Bogstie** (BA '10) finished his MA program at the University of Wyoming and is now employed as the Senior Cultural Resources Specialist for the Wyoming Department of Transportation.
- **Sarada Issurree** (BA '14) has been accepted into the Jaffa project through UCLA.
- **Laura Larson** (BA '13) is a forensic technician at the Ada County Coroner's office.
- **Julie McCoy** (BA '13) has been accepted into the Boise State Community and Regional Planning MA program.
- **Joellie Rasmussen** (MA '14) is a QA Analyst at Clearwater Analytics in Boise, ID.
- **Marielle Black** (MA '14) started her PhD at the University of Nevada, Reno in Fall 2014 and is a TA for the Spring 2015 semester.
- **Matthew Douraghi** (BA '12) is completing his MA in Applied Medical Anthropology at Cal State University, East Bay in Spring 2015.
- **David Christensen** (MA '13) has been hired by the National Park Service.

Well Done!

The Department of Biological Sciences Graduate Studies Committee is pleased to announce several awards to outstanding graduate students. **Kathy Petersen** (MA Anthropology) received the Dan Montgomery Research Award. **Emily Moes** (MA Anthropology) received an honorable mention for the Dan Montgomery Research Award.

Alyanna Wintermote and **Katie Meinhardt** (BA Anthropology) presented a poster at the 11th Undergraduate Research Conference entitled, "Time Distribution of Faculty Workload at Boise State University."

Bridget Strang (BA Anthropology) has been accepted into the Ireland Archaeology Field School this summer.

Cynthia Bradbury presented a poster at the 34th Great Basin Anthropological Conference entitled, "Danskin Rockshelter *Ovis Canadensis* tooth enamel oxygen and carbon stable isotope analysis and ecological interpretation."

Jeremy Johnson presented a poster with **Mark Plew** at the Northwest Anthropological Conference entitled, "Assessing the Nutritional Value of Freshwater Mussels on the Western Snake River."

Jonathan Dugmore presented a paper at the 34th Great Basin Anthropological Conference entitled, "New Approaches to Understanding the Past."

Michael Bishop and **Mark Plew** presented a poster at the 34th Great Basin Anthropological Conference entitled "Fuel Exploitation as a Factor in Shoshone Winter Mobility."

Master's in Anthropology Graduates



Nichole Schwend (M.A.A. 2013) received her BA in Anthropology from Boise State University. She completed the Boise State Masters of Applied Anthropology program by completing a Boise National Forest internship.



David Christensen (M.A.A. 2013) received his BA in Anthropology from Boise State University. He completed the Boise State Masters of Applied Anthropology program by completing an Idaho Army National Guard internship.



Marielle Black (M.A. 2014) received her BS in Anthropology from Portland State University. She completed the Boise State Masters of Arts in Anthropology program with her thesis entitled, "Using X-Ray Fluorescence Spectrometry to Assess Variance in Obsidian Source Distribution in Southern Idaho."



Joellie Rasmussen (M.A. 2014) received her BA in Anthropology from the University of Montana. She completed the Boise State Masters of Arts in Anthropology program with her thesis entitled, "Explaining Variance in Reproductive Success and Food Sharing in Ust'-Avam."



Choya Davis (M.A.A. 2014) received his BA in Anthropology from Boise State University. He completed the Boise State Masters of Applied Anthropology with the completion of an internship with URS, Inc.



Sheila Brierley (M.A.A. 2014) received her BA in Anthropology from Pacific Lutheran University. She completed the Boise State Masters of Applied Anthropology program with an internship with the Boise District Bureau of Land Management.



Jonathan Dugmore (M.A.A. 2014) received his BA in Anthropology from Boise State University. He completed the Boise State Masters of Applied Anthropology program with his Idaho Army National Guard internship entitled, "Development of an Interactive Cultural Resources Database."

2014-15 MA and MAA Anthropology Cohort

Eight students have been accepted into the Fall 2014 graduate program cohort. We welcome **Michael Bishop**, BA in Anthropology from Boise State University, **James Eschenbrenner**, BA in Anthropology from Boise State University, **Jeremy Johnson**, BA in Anthropology from Boise State University, **Michelle Kinney**, BA in Anthropology from Idaho State University, **Emily Moes**, BA in Anthropology from Boise State University, **Katherine Petersen**, BA in Anthropology from Boise State University, **Audrey Rogers**, BA in Anthropology from Boise State University, and **Mallory Schreier**, BA in Anthropology from Indiana University, Bloomington.

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:

Andrew McNall
SSPA Development Director
1910 University Drive
Boise State University
Boise, ID 83725-1900
(208) 426-3715

andrewmcnall@boisestate.edu

SUPPORT BOISE STATE
Make a Gift

Bachelor of Science in Anthropology

Beginning with the 2015-16 undergraduate catalog, the undergraduate degree in Anthropology will be a Bachelor of Science. This change in designation reflects the departmental thematic focus on human ecology and evolution. If you are a current student and wish to update to the 2015-16 catalog you will earn a Bachelor of Science when you complete the degree requirements. All earlier catalogs remain unchanged.

ANTHROPOLOGY
Bachelor
of
Science

E-Girl's Day

Faculty and student volunteers participated in their first eGirls camp program on June 13th, 2014 at Boise State! We hosted 50 high school girls who learned about the science of anthropology through the History of the Human Body. The girls moved through three stations, each a part of our species' past that we have inherited today. Girls learned about primate binocular and color vision, bipedality, and the evolution of brain size and tool use.

The eGirls camp encourages young women to participate in science, technology, engineering, and mathematics. Our student volunteers had a great time engaging

with the eGirls and answering questions about human anatomy, teaching osteological skills, and encouraging participation in tool-carrying activities. The event was so successful that the Anthropology Department will participate in the eGirls 2015 workshop this June, and is being organized again by our enthusiastic student volunteers.



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



Boise State University Anthropology Department

Student News

Anthropology Club

The officers for 2014-2015 are:

President—Jared Albrecht
Vice-President—Kelly McGinnis
Secretary—Kaitlyn Higgins
Treasurer—Drew McGuire

Archaeological Student Association (ASA) Club

The officers for 2014-2015 are:

Director—Phil Daily
Events Coordinator—Delaney Glass
Secretary—Kayla Downs
Treasurer—open

2015 FAST FACTS:

- Anthropology Majors: 111
Freshmen: 9
Sophomores: 21
Juniors: 41
Seniors: 36
- 2nd Degree Majors: 4
- Anthropology Minors: 36
- Native American Studies Minors: 12
- Internships: 7
- Independent Studies: 9
- Students served by department: 2,153

Dean's List Fall 2014

Highest Honors: Shaylyn Berntson, Phil Daily, Nychele Haskell, Kaitlyn Higgins, Royce Johnson, Ruby Kyle

High Honors: Jared Albrecht, Mandi Anderson, Cynthia England, Delaney Glass, Hailey Larson, Denell Letourneau, Misty Dawn Madison, Kelly McGinnis, Emily Moes, Chelcie Nichols, Vicki Stark, Rachel White

Honors: Khara Barfield, Landon Blanchard, Yvette Brown, Paige Dashiell, Kayla Downs, Emily Dubie, Nicole Inghilterra, Sarada Issuree, Brooke Jardine, Sarah Kehne, Melissa Kidd, Katie Meinhardt, Sarah Tazelaar, Keana Wininger, Kim Young

Dean's List Spring 2014

Highest Honors: Jared Albrecht, Phil Daily, Cynthia England, Scott May, Vicki Stark

High Honors: Lantz Brown, Aubrey Carlson, Delaney Glass, Chris Harper, Adam Heldmyer, Royce Johnson, Chelcie Nichols, Christie Pantiledes, Nathan Philipps, Amanda Skinner, Sarah Tazelaar, Matthew Wordell

Honors: Jason Atwood, Landon Blanchard, Venessa Cardiel, Cassie Green, Tina Grove, Melissa Kidd, Jadie King, Ruby Kyle, Kelly McGinnis, Katie Meinhardt, Haley Myers, Shane Scaggs, Macy Vicek

2014-15 Scholarship Recipients

Jared Albrecht, Phil Daily, Cynthia England, Delaney Glass, Kaitlyn Higgins, and Kaitlyn Mansfield received Anthropology Department scholarships. **Michael Bishop, James Eschenbrenner, and Jeremy Johnson** received the Schaertl Archaeology Scholarship.

Recent Anthropology Graduates

Rebecca Jumonville, Sarah Kirby, Charles Gilbert, Camilla Behrens-Shoufler, Katherine Petersen, Michael Bishop, Jehoshua McNutt, Jennifer Roundtree, Nichole Schwend, David Christensen, Lena Allen, Amanda Anderson, Jonathan Barro, Amber Bennett, Gail Bollandier, Mitchell Brinton, Emily Dubie, Nichole Inghilterra, Christen Iris, Matthew Koob, Emily Moes, Bailey Pina, Brandon Reninger, Audrey Rogers, Shannon Smith, Allyanna Wintermote, Marielle Black, Joellie Rasmussen

FACULTY

John Ziker, Professor and Chair
Samantha Blatt, Visiting Assistant Professor
Kathryn Demps, Assistant Professor
Kendall House, Adj. Assistant Professor
Mark Plew, Professor
Kristin Snopkowski, Assistant Professor
Pei-Lin Yu, Assistant Professor
T. Virginia Cox, Associate Professor Emerita
Cynthia Bradbury, Adjunct
Jacob Fruhlinger, Adjunct
Robert Graff, Adjunct
Thomas Green, Adjunct

RESEARCH ASSOCIATES

James C. Woods
Beverly Crum
Janette Forte

STAFF

Faith Brigham
Administrative Assistant

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We're on the Web!

See us at:

<http://anthropology.boisestate.edu>



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