Welcome

Greetings, and welcome to the 2016 issue of the Anthropology Department’s annual newsletter! As usual, it has been quite a busy year around here with much to share.

With the start of the new year, we welcome new faces to South Stevens. Dr. Kreg Ettinger, who spent the 2015–16 academic year on a fixed research appointment at the University of Maine, now joins the Department of Anthropology full-time as Associate Professor of Anthropology. Kreg will also take on a leadership role at the University of Maine as director of the Maine Folklore Center and the Maine Studies program. We also welcome several new graduate students and a host of new undergraduate majors to South Stevens.

In April, we bid farewell to Gail Agerell, the department’s administrative specialist over the past several years. She served wonderfully in her duties here, and although we are sad to see her leave, her new post presents new opportunities and challenges to continue to build her professional portfolio. Thankfully, Gail is just across campus, having taken on the role of administrative specialist with the Department of Learning and Teaching at the University of Maine’s College of Education and Human Development. She has been extremely helpful in our transition. In her place, we welcome Pat Maher to South Stevens, who has stepped in valiantly at perhaps the craziest time of year – course scheduling, end-of-year close out, graduation checks, financial closings, and a host of other tasks. She has kept a remarkably level head in all of this!

Finally, the Anthropology Department was prominently positioned in spring 2016 awards ceremonies, earning top honors among faculty and students. Among other recognitions, members of the Anthropology Department were named the Distinguished Maine Professor (Roscoe), University of Maine System Trustee Professor (Hornsby), College of Liberal Arts and Sciences (CLAS) Outstanding Faculty in Teaching/Advising (Robinson), CLAS Outstanding Graduate Student (Collum), CLAS Outstanding Graduate Student in Research (Belknap), and CLAS Outstanding Graduating Senior (Warner-Evans).

Congratulations to them all — what a tremendous year!

Gregory Zaro
Anthropology Department Welcomes Three New Graduate Students

Emily Blackwood finished up her undergraduate coursework and earned her B.A. in Anthropology with a minor in Earth Sciences at UMaine in the Fall of 2015. She then began her Master’s research in the Quaternary and Climate Studies Program in January 2016 under the advisement of Dr. Brian Robinson and Dr. Daniel Sandweiss. Her graduate work is centered on Archaeology, particularly in the Northeast. For her thesis, Emily will perform a seasonality analysis of excavated samples of Mya Arenaria (soft-shell clams) in order to help determine the season of occupation for two archeological sites along the coast of Maine. In May, Emily and her fiancé Dom began collecting monthly samples of Mya Arenaria by visiting the clam flats around each site and digging for clams, which they will continue to do until May 2017. She will use these samples to create a seasonality baseline from which to evaluate excavated samples of Mya Arenaria. Emily is also the Director of Logistics at the VEMI Lab here at UMaine, a virtual reality lab dedicated to immersive and innovative research and development.

Kate Pontbriand graduated from Franklin Pierce University in spring 2016 with a B.A. in Anthropology and minors in Environmental Studies and Public History. This fall she enters the University of Maine’s Quaternary and Climate Studies Masters Program under the advisement of Professor Sandweiss. Kate has already been resourceful on campus, having been awarded a research assistant position with Dr. Elizabeth Hufnagel. Kate’s interests at the graduate level include how climate change is represented in the archaeological record, how it has shaped cultural adaptations, and how GIS can be used to describe archaeological findings.

Brieanne Berry is pursuing a Ph.D. in Anthropology and Environmental Policy and is interested in sustainable consumption and waste reduction, with a particular focus on the social, economic, and environmental impacts of reuse. With professional experience ranging from energy efficiency consulting in urban apartment buildings to recycling in New York City public schools, Brie has a broad understanding of how urban sustainability initiatives work on the ground. A native of Minnesota, she has a B.A. in Anthropology from The George Washington University and a M.S. in Urban Affairs from the City University of New York, Hunter College.
Graduate Student Updates

Ani St. Amand recently completed her first year as an archaeology graduate student in the Quaternary and Climate Studies M.S. program. Over the past year, Ani served as a student senator for the Climate Change Institute in the Graduate Student Government, and on the Climate Change Strategies and Archaeological Resources (CCSAR) committee of the Society for American Archaeology (SAA). In the spring, she received a grant to present research at the SAA annual meeting. Ani spent the summer completing her thesis research in Peru, which was supported by the Churchill Exploration Fund and by a year-long NASA-MSGC Graduate Research Fellowship. For her project, Ani collected data to explore connections between climate change and human settlements, combining satellite imagery, ground penetrating radar data, and in-situ geologic and weather measurements.

Sam Belknap spent this past year interviewing Maine lobstermen about their views on different ocean uses. The information that he gathered was used in a report coauthored with the Rockland, Maine-based Island Institute, which was submitted to the Northeast Regional Planning Body in an effort to provide a more accurate and holistic view of how fishermen and fishing communities use the Gulf of Maine. This year, Sam was awarded the University of Maine’s most prestigious fellowship, the Janet Waldron Doctoral Research Fellowship. He was also recognized with the College of Liberal Arts and Sciences Outstanding Graduate Student in Research Award. Sam successfully passed his comprehensive exams and moved into the final year of his dissertation fieldwork.

Sarah Ebel completed her second year in the Anthropology and Environmental Policy Ph.D. program and first as a National Science Foundation IGERT Graduate Fellow in the Adaptation to Abrupt Climate Change (A2C2) Program. Her hope is that the connection between identity, collective action, and cooperation can influence fisheries policy to better support small-scale fishing communities’ ability to deal with exogenous change.

Kendra Bird spent the 2015-2016 academic year working on her master’s thesis in Quaternary and Climate Studies, managing the Northeastern Prehistory Lab, and developing mobile and server-side software at the Virtual Environment and Multimodal Interaction Lab (including an iOS application designed to teach general audiences about the importance of spatial information in archaeology). She also participated in several STEM youth outreach events in the past year, including the Maine Mathematics and Science Alliance’s Teen Science Cafes, utilizing her diverse academic and professional background to effectively connect with young people who are interested in a wide variety of scientific topics.

Jamie Haverkamp spent the past summer conducting fieldwork for her Ph.D. dissertation about socio-ecological resilience and adaptation governance to rapid global environmental changes in the Peruvian highlands. Jamie’s summer fieldwork consisted of in-depth qualitative methods to investigate the discourse of climate adaptation in the highlands and dimensions of power, equity and legitimacy in adaptation decision-making. This research was supported by an NSF IGERT award for collaborative interdisciplinary research focusing on adaptation to abrupt climate change in 2016. Last year, Jamie was also awarded the Chase Distinguished Research Assistantship, which also supports ongoing work on this project.

Sara Lowden continued her research on industrial mining in Ecuador. In March, she conducted two weeks of fieldwork in the southeastern province to better understand community perceptions of Corporate Social Responsibility projects implemented by multi-national mining corporations from China and Canada. She presented her research findings at the Society for Applied Anthropology in Vancouver, British Columbia. Her poster, titled “Water or Gold?” was the runner up in UMaine’s Graduate Student Research Symposium in the Social Sciences, Humanities, & Business category. This summer, Sara worked with Sam Hanes as a research assistant in the Human Dimensions theme of the Sustainable Ecological Aquaculture Network (SEANET).
Sky Heller continues to process soil samples for identifiable fish remains that will help her understand the ecological context for cultural changes along the Gulf of Maine coast approximately 4000 years ago. Over the past year she has given multiple talks about the value of using the past to plan for the future, including to the UMaine System Board of Trustees in January and the UMaine Board of Visitors in June. In addition to her research, Sky is analyzing the faunal remains recovered during the 2008-2012 seasons of the University of Maine archaeological field school. She is also working with Kristina Cammen, Post-doctoral Teaching and Research Associate in the University of Maine Evolutionary Applications Lab, on a study of seal population genetics that will use and provide key information about samples from the field school.

Kirsten Kling completed her second year of graduate study in the Anthropology and Environmental Policy Ph.D. program and as Educational Outreach Coordinator for the Hudson Museum. This past year, she was a Senator for the Graduate Student Government and further developed her doctoral research on the links between sense of place and cultural identity formation, and climate change impacts on landscapes in the Northern Adriatic region. She spent her summer working for the Hudson Museum, further developing the web-based Pre-Columbian Latin America App that they hope to release by the end of the Fall 2016 semester. She also volunteered at the 2016 International Conference of the Sustainable Consumption Research and Action Initiative (SCORAI) hosted by the University of Maine in June.

As a member of the IGERT National Science Foundation (NSF) fellowship on abrupt climate change, Jacob Weinshank has been part of developing an interdisciplinary research project alongside limnologists and biomedical scientists. Their project has received NSF funding to conduct research in Australia on freshwater harmful algal bloom (HAB) increases associated with climate change. From this data, their collaborative effort will build HAB increase scenarios based on climate change predictions that will be presented to and discussed with local stakeholders. Jacob's dissertation research centers on climate change adaptation in the western Pacific nation of Palau.

Ph.D. Program in Anthropology and Environmental Policy Graduates First Student, Dr. Kourtney Collum

In 2012, Kourtney Collum entered the department's then-new Ph.D. program in Anthropology and Environmental Policy (AEP). Clearly a talented young scholar at the time, Kourtney quickly became a leader in her field. In April, she defended her dissertation titled The Human Dimensions of Pollinator Conservation: Perception, Practice, and Policy in the Lowbush Blueberry Industry, which has important implications for pollinator conservation and for environmental anthropology.

Kourtney is now the first graduate of the Anthropology and Environmental Policy (AEP) doctoral program and was aptly recognized with the 2016 College of Liberal Arts & Sciences Outstanding Graduate Student Award for her accomplishments. With her strong professional portfolio, it came as no surprise that she was offered a full-time faculty position at the College of the Atlantic—a private, liberal arts college in Bar Harbor, Maine, that offers a single degree program in Human Ecology. In Fall 2016 she began her position there as Partridge Chair in Food and Sustainable Agriculture Systems. Although Kourtney is far too humble to believe it, her fellow graduate students are extremely fortunate to have her as a pioneering role model in the program.
UMaine Archaeological Field School Returns to Croatia

For the second year in a row, the UMaine Archaeological Field School took place along the shores of the eastern Adriatic Sea in Croatia’s port city of Zadar. In collaboration with the University of Zadar, Professor Zaro led a group of seven UMaine students on a 30-day field program of archaeological research and excavation at the Nadin-Gradina archaeological site. The group, which consisted of five new students and two returning students, picked up where it left off in 2015, significantly expanding one of their test excavations and adding a few new ones. Students maintained a work schedule of six days per week, with the seventh day utilized for local excursions and site visits. At the end of the project, students traveled south to visit the archaeological site of Salona and the medieval city of Split, the latter of which formed around the retirement palace of Diocletian, a Roman emperor of the late third century C.E.

Expansion of a 2015 excavation unit confirmed a thousand years of occupational history – from about the mid first millennium B.C.E. to about the mid first millennium C.E. This was likely followed by a period of abandonment until the thirteenth or fourteenth century, when the hilltop center was occupied once again under Venetian, and subsequently Ottoman, control.

A second major focus of the 2016 work was to investigate the latest archaeological manifestation of the site, which corresponds to the Venetian and Ottoman periods of occupation. Efforts focused on exploration and partial clearing of the hilltop fortress, and a second major structure – a church, or crkva, as locals refer to it in Croatian. Preliminary evidence from clearing, mapping, and test excavation suggests this structure was likely a mosque associated with Ottoman expansion and governance of the area, short-lived though it was. An historic print depicts Nadin during Ottoman times, complete with a hilltop fortress, a mosque with minaret, and small village on the lower slopes. The overall goal of the Nadin-Gradina Archaeological Project is to integrate research and education via the study of urbanization, landscape change, and climate over the course of the past 3000 years.
Anthropology Faculty and Students Take Home Top University Awards

To serve as chair of this department is a humbling experience, and perhaps none more so than during the 2015-2016 academic year when Anthropology faculty and students were awarded some of the University's and College's top honors. Congratulations to them all for their remarkable achievements.

Jim Roscoe

2016 Distinguished Maine Professor

The Distinguished Maine Professor Award annually honors a professor who exemplifies the highest qualities of teaching, research and public service. Professor Roscoe was chosen from among a number of nominees and was determined by a selection committee consisting of UMaine alumni and faculty members. The Distinguished Maine Professor designation is the latest in a string of prestigious awards Roscoe has received, including UMaine's 2010 Presidential Research and Creative Achievement Award, the 2008 Research and Creative Achievement Award from the College of Liberal Arts and Sciences, and the 1996 Presidential Outstanding Teaching Award.

Stephen Hornsby

2016 University of Maine System Trustee Professor

A Trustee Professorship is designed to honor and support outstanding University of Maine System faculty making noteworthy contributions to academic excellence on their campuses and within the system. Qualification criteria for a UMS Trustee Professorship includes the approval of a research proposal that will have significant impact, contribute to an academic field, and contribute to the public service mission of the university. For this award, Professor Hornsby will work on a book project on the historical geography of globalization since 1500. The book draws on his course GEO 275: Geography of Globalization and will be written for an undergraduate audience. Hornsby was also selected to give the 2016 Maine Heritage Lecture this fall, hosted by the College of Liberal Arts and Sciences. The purpose of the lecture is to showcase creative work that reveals Maine's history, diverse cultures, and policy concerns.

Brian Robinson

2016 CLAS Outstanding Faculty in Teaching/Advising

The College of Liberal Arts and Sciences Outstanding Teaching/Advising Award is given annually to a faculty member who has made a significant contribution to the University of Maine and excelled in the role of teacher and mentor. Professor Robinson was recognized with this award for his seamless integration of active research and community engagement into the learning experience of UMaine undergraduate and graduate students. The quality of his work with students in the classroom, field, and community, as reflected in quantitative and qualitative measures, places him in the highest echelon of faculty teaching and advising in the College of Liberal Arts and Sciences. It came as no surprise that Robinson was also recognized with a 2016 Graduate Student Government Mentor Award.
Faculty and Student Awards

Kourtney Collum
2016 CLAS Outstanding Graduate Student

Kourtney maintained a strong record of academic and professional success throughout her time at the University of Maine. She is an active publisher and grant writer, with strong contributions to a growing interdisciplinary field. In addition to her research, Kourtney taught ANT212-Anthropology of Food in the Spring 2016 semester. This is an introductory course centered on the different ways anthropologists think about food and its relationship to human origins, behavior, and cultural diversity. By addressing such themes as food procurement strategies, food as it pertains to power dynamics, warfare, gender relations and identity, and the role of food in environmental and sustainable development policy-making, Kourtney drew upon central elements in each of our three degree programs (Anthropology, International Affairs, and Human Dimensions of Climate Change), as well as her skill set in the Anthropology and Environmental Policy Ph.D. program. Kourtney exemplifies the CLAS Outstanding Graduate Student award, and the department is delighted to see her recognized for her wonderful accomplishments.

Sam Belknap
2016 CLAS Outstanding Graduate Student in Research

Sam is a doctoral student in the Anthropology and Environmental Policy Ph.D. program and a member of the University’s signature Climate Change Institute. His research on the foundations of fisheries leadership seeks to benefit Maine’s lobster industry as it faces major threats from environmental change. His dissertation, Understanding Leadership and Adaptation in Maine’s Lobster Fishery to Facilitate Policy Development, uses an anthropological approach to understand how leadership develops, how it is maintained, and how it succeeds in Maine’s iconic lobster fishery.

Hilary Warner-Evans
2016 CLAS Outstanding Graduating Senior

Hilary performed at an exceptionally high level in a very rigorous program of study with active research engagement. A member of the Honors College, she earned a B.A. in Anthropology with separate minors in English, Folklore, and Maine Studies. During her time as an anthropology student, she initiated her own research projects, volunteered in the Maine Folklore Center, and presented at numerous conferences. Hilary’s academic interests and passions center on folklore, traditional music, Maine studies, Medieval literature, local history, ethnology, and archaeology, the interconnectedness of which was reflected in her course selection, thesis research, and scholarly presentations. She is currently a graduate student in the department of Folklore and Ethnomusicology at Indiana University.
Faculty News

This summer, Professor Christine Belt led an interdisciplinary research team to investigate coastal management policies and the effects of institutional change on mangrove landscapes in Ecuador. The research combines remote sensing technology to quantify spatiotemporal patterns of mangrove fragmentation and recovery with ethnographic analysis to improve understanding about the relationship between human culture and landscape-scale environmental patterns. She received a UMaine Summer Faculty Award to support these initial efforts.

Professor Kreg Ettinger began his new position as Associate Professor of Anthropology this fall. He will also be the new Director of the Maine Folklife Center and Coordinator of the Maine Studies Program, and anticipates building stronger connections between those two entities and with the Department of Anthropology. Currently, he is completing work on two book manuscripts on marine and coastal tourism and climate change, with a focus on the Caribbean. Kreg is also working with the Center for Responsible Travel (CREST) on plans for a conference on sustainable tourism in Cuba next spring or summer, and recently completed a teacher's guide for their new documentary, Caribbean Green Travel: Your Choice Makes a Difference, which premiered at the World Bank in April. He is also part of a Canadian and American team beginning a long-term study of ecological and social changes on the coast of James Bay, northern Quebec, supported by the Cree Nation Government.

On behalf of the Historical Atlas of Maine, Stephen Hornsby collected four awards this past year. These include the prestigious Globe Award from the American Association of Geographers, which was presented at the annual meeting held in San Francisco in April 2016; a Maine Literary Award for "Excellence in Publishing" from the Maine Writers and Publishers Alliance; and "Best Book/Atlas" and "Best of Show" from the Cartographic and Geographic Information Society. Stephen was honored to receive a University of Maine System Trustee Professorship for the 2016-17 academic year, which will allow him time to work on a couple of new projects. Finally, his book Picturing America: The Golden Age of Pictorial Maps will be published in Spring 2017.

Professor Cindy Isenhour continues to gear up for her new research project centered on the economic, environmental and social benefits of reuse. As part of that work she recently completed a survey of second-hand retailers in Maine. Cindy was also the co-chair and local host of the 2016 International Conference of the Sustainable Consumption Research and Action Initiative. The conference brought more than 150 scholars from 20 countries to UMaine in June to share their research. This fall Cindy is working with Jim Roscoe to host a workshop, funded by a grant from the Wenner-Gren Foundation for Anthropological Research that will focus on status, consumption, and climate change.

Professor Henry Munson continues to work on his book manuscript about religion and violence. He plans to retire in the coming year but will continue to teach his very popular course Religions of the World through the Division of Lifelong Learning.
Faculty News Continued

Professor **Sam Hanes** wrapped up his work with the USDA pollinator conservation grant, which came to an end this year. As part of the project, Sam completed a survey of gardeners' pollinator conservation practices. He also continued his work on the Sustainable Ecological Aquaculture Network (SEANET). For this, he finished a research project on riparian landowners' interactions with aquaculture in Maine. A number of students worked with Sam on the project, including Ph.D. student Sara Lowden, and undergraduates Genevieve Bristol, Kaylie Gazura, and Brittney Nickerson. Among other components, they started a historical project documenting how people "from away" have interacted with fishermen around Mount Desert Island.

Professor **Lisa Neuman** has been working on bringing Wabanaki and other Native perspectives to Maine's K-12 curriculum as well as continuing her research on economic enterprises (including cultural pursuits like basket making) among Maine Wabanaki tribes.

Professor **Brian Robinson** has advanced a number of book projects this year, including one on Alaskan archaeology and another on the Bull Brook Paleoindian site. Both are nearing completion. His ongoing work with the Maine Academic Prominence Initiative (MAPI) in Machias also continues to be successful, providing the context for several graduate student theses.

Professor **Alice Kelley** is working with UMaine colleagues **Brian Robinson**, Joseph Kelley, and Daniel Belknap and Maine State Archaeologist Arthur Speiss in the first year of a two-year project funded by Maine Sea Grant to investigate the use of ground-penetrating radar (GPR) as a rapid, noninvasive tool to characterize the areal extent and stratigraphic integrity of eroding shell middens. This will allow prioritization of sites for rescue and/or preservation along the Maine coast. These middens are composed largely of clam or oyster shells, and they contain up to 5,000 years of archaeological information in the form of artifacts, house floors, and food remains. Additionally, the faunal remains preserved in the middens record paleo-environmental information about marine ecological communities and ocean conditions. Only 2-3 of these sites are professionally excavated each year, meaning that thousands of years of cultural and environmental history slips into the ocean, unrecorded each year.

At the beginning of the year, Professor **Paul (Jim) Roscoe** began a phased retirement that will see him teaching in the Fall for the next three years and spending the spring semesters finishing up several book projects on war and society in New Guinea. Since the last newsletter, he has also been gallivanting around the world: a primatology workshop in the Yucatan; a conference in Gothenburg, Sweden, on prehistoric trade; a lecture to the Archaeology Institute at the University of Cologne, Germany; and a presentation at the Society for American Archaeology's conference at Disneyland (an experience from which his social anthropological soul is still trying to recover). In July, to cap things off, Roscoe visited Professor Zaro's excavation at Nadir, Croatia, which he was not at all surprised to discover is located right next door to a vineyard and wine cellar.
Professor Darren Ranco continues to work with Wabanaki and other tribal basketmakers in responding and adapting to the threat of the Emerald Ash Borer. He and John Daigle, Professor of Forestry, are working on their current grant from the U.S. Forest Service, Assessing and Responding to Sociocultural Impacts of the Emerald Ash Borer: A Prototype for Sociocultural Adaptation Planning in an Era of Climate Change since this past Spring. The work involves going to Michigan, New York, and Maine tribal communities to trace the impacts of the Emerald Ash borer in Michigan and New York, and gauge how each area is adapting to the arrival/threat of arrival of the Emerald Ash Borer (it has yet to be discovered in Maine).

Professor Dan Sandweiss continued to serve on the boards of the Society for American Archaeology, Phi Kappa Phi National Honor Society, and the Maine Chapter of the Fulbright Association, as well as chairing the Advisory Committee for the Peabody Museum of Archaeology in Andover, MA. In October 2015, he was an invited speaker at the Thin Ice: Facing Environment and Climate Change in Ethnological Museums conference in Berlin, Germany. In January 2016, Sandweiss was an invited speaker and session chair on Climate Change and Human Society, Past, Present, and Future in the Presidential Plenary Forum at the Archaeological Institute of America annual meeting, and in April 2016, he organized and chaired the President’s Forum on Climate Change and Archaeology at the Society for American Archaeology Annual Meeting. Dan also continued as joint editor for Archaeology and Patrimony for Chasqued Revista de Antropologia Chilena, and as Founding Editor for Andean Past. In May, Sandweiss began a 13-month term as the Director of UMaine’s School of Policy and International Affairs.

Forensic Anthropologist Marcella Sorg and Forensic Anthropology Assistant Jamie Wren have been quite active this year assisting Maine, New Hampshire, and Rhode Island to investigate “cold cases,” dating back as long as 40 years. They also respond in cases involving the recovery of remains, including this year the tragic case of a woman who became lost in Maine two years ago while hiking the Appalachian Trail.

Greg Zaro & sons in Croatia.

This year, Professor Gregory Zaro continued to develop his project in Zadar, Croatia, concerning urbanism and landscape change in ancient, historic, and modern contexts. In the summer 2016 session, he directed a second year of the UMaine archaeological field school at the archaeological site of Nadin-Gradina in Zadar’s hinterland. The project was collaborative with the University of Zadar and the State University of New York at New Paltz. In partial support of the project, Greg was awarded a grant from the Rust Family Foundation to begin investigation of the Ottoman component of the site, which includes a hilltop fortress and a presumed mosque. This understudied component presents an important link between the more ancient landscape and the modern.
Recent Department Publications


The Annual Fund is an opportunity for those closest to the University of Maine, our Alumni, Parents, Friends, and Faculty/Staff, to play an important role in the university’s present and in its future. Last year, with Department of Anthropology gift funds, we helped students travel abroad to participate in research projects. This hands-on experience is invaluable. Our main objective is to ensure there are funds available to allow us to respond quickly and appropriately to the areas of greatest need within the Department of Anthropology. Your donations, combined with those of others, make a significant and immediate impact on the quality of the “UMaine Experience” for our students.

We invite you to become an active part of this campaign by making your gift on behalf of the Department of Anthropology to the Annual Fund, either by visiting us online at umaine.edu/give, or by calling 207.581.1148 or toll-free at 866.578.2156. Remember, it isn’t just about how much you give, but the fact that you give that makes a real difference. For more information about The Annual Fund, contact Christina Caron, Director of Annual Giving at christina.b.caron@maine.edu; 207.581.1157.

Thank you for your consideration and support.