

Anthropology *News*



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Greetings from the Chair

Welcome to the 2018 issue of the Anthropology Department's newsletter. After another fruitful and exciting year, I am filling in as Acting Chair for Gregory Zaro, who is on Sabbatical for the 2018-19 academic year. I promise to do my best to fill his shoes, and look forward to him returning as Chair next year!

I am happy to say that our Anthropology family has remained relatively stable this past year. Professor Cindy Isenhour received tenure this past year, and I want to congratulate her on that major accomplishment, which is clearly well deserved.

We want to welcome three new graduate students to the department. Jason Brough (advisor: Darren Ranco) and Suman Acharya (advisor Cindy Isenhour) are entering the PhD program in Anthropology and Environmental Policy. Jason is coming from Utah State with a background in cultural resource management but has family roots in Maine, and Suman is coming from Nepal with a degree in Forestry with a specialization in Climate Change Policy. Kayla Michaud is entering our Master's program and comes to us

from Bryant University with a background in sustainability management.

I also want to recognize Pauleena Macdougall, who retired this past year, for her many years of service to our community. As Director of the Maine Folklife Center for the last several years, she has been an integral part of work in the Department and escorted the Folklife Center through some major transitions. She will be sorely missed. I also want to officially welcome Kreg Ettenger into his leadership roles as the new Director of the Maine Folklife Center and Maine Studies Program.



Darren Ranco, *Associate Professor and Acting Chair of Anthropology*



College of
**Liberal Arts
and Sciences**



Anthropology Faculty

Social/Cultural Anthropology

Christine Beitzl, *Assistant Professor*

Kreg Ettenger, *Associate Professor*

Cindy Isenhour, *Associate Professor*

Lisa Neuman, *Associate Professor*

Darren Ranco, *Associate Professor*

Paul (Jim) Roscoe, *Professor*

Archaeology

Bonnie Newsom, *Assistant Professor*

Daniel Sandweiss, *Professor*

Gregory Zaro, *Associate Professor*

Geography

Samuel Hanes, *Assistant Professor*

Stephen Hornsby, *Professor*

Biological Anthropology

Marcella Sorg, *Research Professor*

Cooperating Faculty

Teresa Johnson, *Marine Sciences*

Alice Kelley, *Earth Sciences/CCI*

Timothy Waring, *Economics*

Faculty Associates

Kendra Bird, *Anthropology*

Marcia-Anne Dobres, *Anthropology*

Pauleena MacDougall, *Folklife Center*

Karen Miller, *Folklife Center*

Kurt Rademaker,
Michigan State University

Kristin Sobolik,
University of Missouri-St. Louis

Anthropology Brings Home Top Honors

Faculty

Professor Cynthia Isenhour

2018 CLAS Outstanding Service and Outreach Award

Professor Daniel Sandweiss

2018 Geddes W. Simpson Award

Professor Stephen Hornsby

2018 John Brinckerhoff Jackson Prize
from The American Association of Geographers

Graduate Students

Sara Lowden

2018 Chase Distinguished Research Assistantship

Chelsea Fairbank

2017-18 Canadian-American Center Fellowship

Alex Rezk

2018 Graduate Trustee Tuition Scholarship

Welcome New Graduate Students

I am very pleased to tell you that the Department of Anthropology has welcomed several new graduate students to campus this fall. Some are joining the Anthropology and Environmental Policy PhD or MA programs and others are iPhD (interdisciplinary) or Climate Change Institute students who will be advised by faculty in Anthropology. In any case, we hope that all will feel welcome in S. Stevens Hall! I include here a brief introduction as well as some information about beginning of the semester events.... so please read to the end!

By way of virtual introduction, please join me in welcoming:



Suman Acharya

Suman Acharya (AEP PhD Student, Advisor Cindy Isenhour) - Suman comes to us all the way from Nepal where he earned a degree in Forestry and has since worked as a District Climate Change Specialist with the Adaptation for Smallholders in Hilly Areas (ASHA) program. Suman is interested in climate adaptation as well as ecosystem-based mitigation and carbon accounting.



Jason Brough

Jason Brough (AEP PhD Student, Advisor Darren Ranco) - Jason comes to us from Utah State where he graduated with a degree in Anthropology. He is interested in cultural resource management and indigenous adaptation to climate change. He will be working with the WAYS program.



Kayla Michaud

Kayla Michaud (AEP MA Student, Advisor TDB) - Kayla comes to us from Bryant University where she studied environmental science and sustainability management. She is interested in corporate social responsibility and sustainable business.

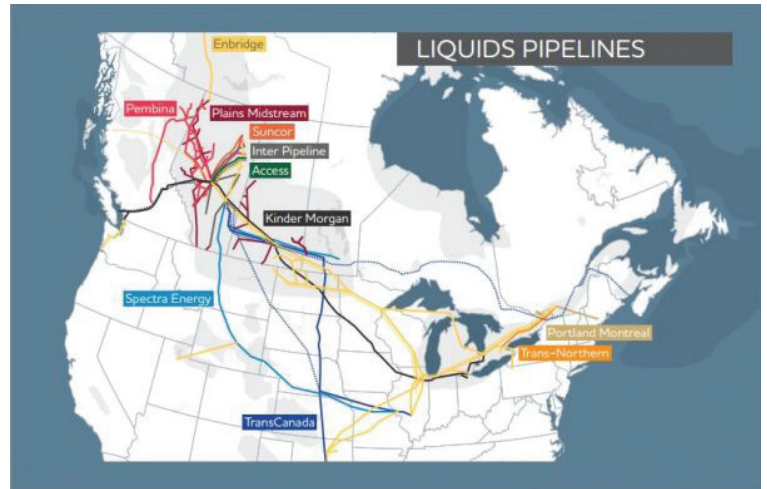
We are also happy to welcome two students studying in other programs but advised by Anthropology faculty:

Abby Mann (Climate Change Institute - Advisor Bonnie Newsom)

Leah Stetson (iPhD - Co-Advisor Cindy Isenhour)

Graduate Student Updates

Chelsea Fairbank received a fellowship from the Canadian-American Center during the 2017-2018 academic year and will be utilizing her fellowship to begin climate change research in the Tar Sands region of Alberta, Canada. Over the summer, Chelsea traveled to Estonia to attend the European EcoVillage Conference where she presented on the awareness of decolonization in contemporary land-based movements. During the 2018-2019 academic year Chelsea will be teaching in the anthropology and music departments at the University of Maine at Farmington.



Chelsea Fairbank Project



Emily Blackwood

Emily Blackwood spent this past year preparing and analyzing data for her thesis research on shell midden seasonality, a crucial contextual component towards understanding site use. She co-presented her preliminary findings at the SAA's in April with Kate Pontbriand who is doing similar work for her thesis. They also presented their research at the UMaine Student Symposium where they won Best Social Sciences Poster and she also received the UMaine Alumni Association Award for continuing her academic residency here at

UMaine. Continuing with their collaborative theme, Kate and Emily were nominated for the Edith Patch Award and selected as Distinguished Nominees. This summer, Emily traveled to Peru with Professor Sandweiss to collect data for her future dissertation on the reconstruction of archaeological sites using virtual reality.



Sarah Ebel

Sarah Ebel spent December through June conducting her dissertation fieldwork research in southern Chile funded by a Wenner-Gren Doctoral Dissertation Grant. Upon returning home, she presented some of her work at the International Symposium for Society and Natural Resources near Salt Lake City, Utah.

Graduate Student Updates



Jamie Haverkamp

Jamie Haverkamp (PhD Candidate in Anthropology and Environmental Policy) is currently working on writing-up her dissertation focused on understanding climate resilient development and discourse in the Peruvian Highlands. This past year, Haverkamp conducted community engaged research with agro-pastoralists whose ways of life are deeply being affected by rapidly disappearing glaciers and State responses to climate impacts in Peru's high mountain landscapes. Haverkamp was also a recipient of the University of Maine's Susan J. Hunter Teaching Fellowship, which allowed her a semester of mentored experience teaching anthropological theory.



Ani St. Amand

Ani St. Amand completed the first year of her Interdisciplinary Ph.D. degree, studying El Niño proxies in the archaeological record to enhance our understanding of this climatic phenomenon. This research is funded by the NSF Graduate Fellowship Research Program. Concurrently, she continues her work on developing a replicable framework to assess threats

to cultural heritage as secondary impacts of climate change (i.e. climate driven migration) increase over the next century.



Kate Pontbriand

In June of 2018, **Kate Pontbriand** started as a Student Trainee in Archaeology at the USDA-NRCS office in Bangor, ME. She has been busy learning and traveling around the state for this new position. This fall she will be back at the University of Maine to finish her thesis while continuing to work for the

NRCS part-time this coming academic year.



Sky Heller

Sky Heller is returning to her research on Archaic Period faunal remains in the Gulf of Maine region following the birth of her new daughter last year. She has also recently begun a project expanding upon her Master's research using rare faunal samples from the Debert Paleoindian site in Nova Scotia, Canada.



Sara Lowden

Sara Lowden successfully advanced to candidacy and is eager to begin her fieldwork in the US-Mexico borderlands focusing on binational conservation of shared watersheds in southern Arizona, USA and northern Sonora, Mexico. She was awarded a Chase Distinguished Research Assistantship from UMaine to support her research during the 2018-2019 academic year.

This summer, Sara continued recording oral histories of ground fisherman to create a podcast titled "Homage to an Artisanal Fleet of Fisherman," supported by the Sandy and Bobby Ives Research Award through the UMaine Humanities Center.

Faculty News



Left to right: Emily Blackwood, Paul "Jim" Roscoe, Dan Sandweiss, Alice Kelley, Gloria López. In Peru at the Ostra Collecting Station.

Professor Dan Sandweiss spent the first part of the summer in Chile doing archaeological field work with Chilean colleagues and participating in two workshops. He then taught an intensive course on Peopling of the Americas at the Universidad Nacional de Tucumán in Argentina. Sandweiss spent most of August in Peru with colleagues Alice Kelley, Jim Roscoe, Gloria López (CENIEH, Burgos, Spain), volunteer Jim Munch, and grad student Emily Blackwood, working at the Ostra Collecting Station, a mid-Holocene site that may have the earliest evidence of warfare in South America. In early August, Sandweiss was elected as President-Elect of Phi Kappa Phi National Honor Society. He was also named a Rising Tide Professor at UMaine for 2018-2020, together with Asst. Prof. of Spanish Carlos Villacorta, to enhance diversity related to hispanics.



Professor Beitel Maine fisheries research

Professor Christine Beitel continues to work with faculty and students at the University of Maine to investigate how institutional change in Maine's fisheries has affected fishermen's adaptive capacity and access to marine resources. The preliminary results from last summer's fieldwork exploring the implications of how differential access to marine fisheries influences the distribution of local ecological knowledge among fishermen has just been published in the *Journal Ecology and Society*. Christine also

continues to work with collaborators to disseminate results from an earlier project exploring the challenges of using a cooperative research approach to investigate politically sensitive issues like by-catch in a commercial fishery (Ebel et al 2018; Runnebaum et al, in preparation). These findings were disseminated at the Fisherman's Forum in March to invite critical feedback from industry members.

Faculty News



Bonnie Newsom

Professor Bonnie Newsom had a busy first year as a member of the Anthropology faculty. She developed a new course entitled, "Introduction to Historic Preservation" (ANT 285), which is designed to provide students with a basic knowledge of historic preservation theory, laws, and social dynamics in the U.S. The course was approved as a permanent addition to the

Anthropology Department's course offerings. Bonnie also presented on her Penobscot River ceramics research at the Society for American Archaeology meetings in Washington, DC and worked with Dr. Alice Kelley on a "Midden Minders" project—a project supported by the Mitchell Center and designed to blend coastal shell mound preservation with community engagement.



Gregory Zaro

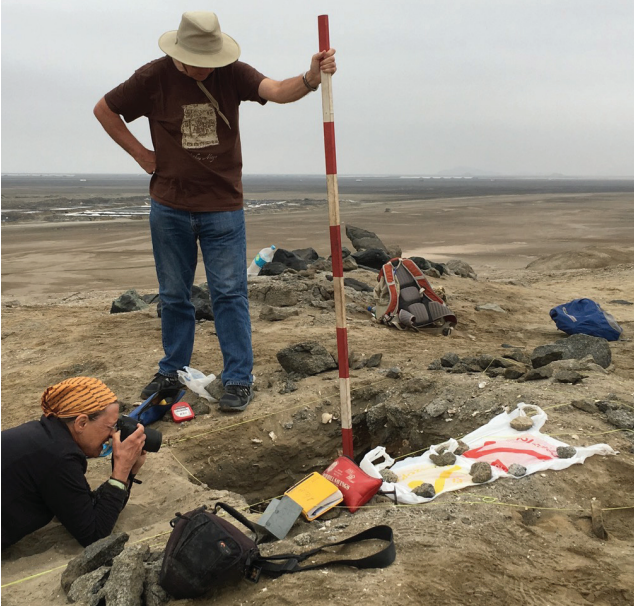
Professors Alice Kelley, (Department of Anthropology, Climate Change Institute, and School of Earth and Climate Sciences) is working on creating a citizen science-based program to monitor eroding shell middens on Maine's Coast. This summer's effort, funded by the Mitchell Center for Sustainability Solutions, includes building a monitoring program and data collection protocol for use by conservation groups. She was assisted in the field by Department of Anthropology grad student, **Kate Pontbriand**, and SECS undergrad, **Anne Spezia**. Additionally, Kelley and Spezia are creating a website for use by individuals who wish to monitor their local middens.

Professor Gregory Zaro and colleagues completed their second year of a three-year research program supported by the Croatian Science Foundation. The project welcomed the return of the UMaine field school to Zadar, Croatia, for the Summer 2018 term, with seven students participating in this integrated field research and education experience abroad. Zaro also worked closely with the Office of International Programs (OIP) during the 2017-18 year. This included teaching a short course on Mediterranean Landscapes through the University Studies Abroad Consortium (USAC) in Alicante, Spain, in January, performing site visits to the School for International Training's (SIT) Kenya and Uganda programs in March, and serving on the search committee for a new Study Abroad advisor for OIP. Zaro wrapped up his fifth consecutive year as chair of the Anthropology Department and gleefully welcomes a sabbatical year ahead.



Kate Pontbriand near Damariscotta, ME

Faculty News



Professor Roscoe tells the archaeological team at the Ostra Collecting Site in Peru that they're doing it all wrong
(Photo credit: Emily Blackwood).

After two years on phased retirement, **Professor Jim Roscoe** will be fully retired at the end of 2018, when he will move full time to try and finish the several books that have hung over him for far too long. This last year, he delivered a keynote talk to a Cambridge University conference on inequality among hunter-gatherers and a lecture at the University of Vienna on the likelihood of apocalyptic responses to severe climate change. In August, he joined several UMaine archaeologists investigating a Peruvian site that may provide the earliest evidence for warfare in South America. This academic year saw “The Anthropology of War and Violence” appear in UNESCO’s Encyclopedia of Life Support Systems (Ethnology, Ethnography and Cultural Anthropology section); “The Fortunes of Foragers in Colonial and Post-Colonial New Guinea,” in *Hunter-Gatherers in a Changing World*; and a commentary, “Colonial History Confounds Interpretation of Distribution of Violence” in *Behavioural and Brain Sciences*.



Cynthia Isenhour

Professor Cindy Isenhour's research continues to focus on environmental and climate policies which account for the materials and emissions embedded in international trade. As part of that work she travelled to Bonn, Germany in November to observe the United Nations Climate Negotiations. More recently Dr.

Isenhour was awarded a grant by the National

Science Foundation to study Maine's culture of reuse and its potential for climate mitigation and resource conservation. This summer Cindy has been working with the Materials Management Research Group at the Mitchell Center on an interdisciplinary study focused on reducing food waste and implementing more circular food systems.

Professor Stephen Hornsby's recent book *Picturing America: The Golden Age of Pictorial Maps* (Chicago UP, 2017) received the John Brinckerhoff Jackson Prize from the American Association of Geographers at its annual meeting in New Orleans in April 2018. The prize is given for books about the United States which convey the insights of professional geography in language that is interesting and

attractive to a lay audience. Stephen is now writing a book on Maine and the trans-Atlantic cotton trade before the Civil War.



Stephen Hornsby

Faculty News



Penobscot Nation flag raising on Orono Campus

Professor Darren Ranco's work with the Wabanaki Youth Science Program (WaYS) has taken central stage, and he received an NSF INCLUDES GRANT (\$300,000) this past Fall to bring the WaYS Program more fully to the University of Maine and its curriculum. In collaboration with Dr. John Daigle in the School of Forest Resources, Professor Ranco also continues grants for related projects on climate change and invasive species adaptation as well as policy approaches to ecosystem services and their impacts on indigenous peoples. On October 17-18, 2017, he hosted the first-ever Wabanaki Climate Change Symposium as part of one of these grants, showing the centrality of Native American Programs to Wabanaki Tribal Nation research. He also hosted the first ever Land Conservation Tribal Collaboration meeting in May of 2018, building relations between different groups to protect Tribal lands and resources. On campus, he facilitated the first ever flag raising of the Penobscot Nation flag on campus and made the landmark MOU between the University and the Penobscot Nation (signed May 10, 2018) possible through a series of workshops and meetings.

Dr. Kreg Ettenger continues to revitalize programs, encourage community collaborations and reorganize newly renovated space to support existing and new initiatives of the Maine Folklife Center (MFC) and Maine Studies Program (MES).

Among other activities, the Center documents, preserves, analyzes, and disseminates information about the region's history and traditional cultures, primarily through recorded interviews. One of the newest resources is The Podcamper Project. A vintage Scotty camper was renovated into a mobile recording studio in collaboration with Harvey RVs of Glenburn and the Carleton Project alternative high school in Bangor. This portable recording studio travels to festivals and events around the state to collect interviews and oral histories. At The Fiddlers and Fiddlehead Fest, held May 19th, 2018, at the Patten Lumbermen's Museum in northern Maine, a total of nine interviews were recorded in one day, nearly one-third the number collected during the entire previous summer using static recording booths.



Maine Folklife Center Podcamper. (Photo credit: Kreg Ettenger.)



Maine Folklife Center newly renovated recording studio

Research in the Spotlight

During the month of August, 2018, **Professor Dan Sandweiss** led a team of researchers in Peru seeking to date what may be the earliest evidence of warfare in the New World. This evidence comes in the form of slingstones placed in piles, with the piles spaced about two meters apart along two lines. The piles were discovered by Trent University archaeologist John Topic in the 1980s and are right next to the Ostra Collecting Station, which Sandweiss has dated to about 6000 years ago. The Peruvian project director is **Cecilia Mauricio** (UMaine MS in Quaternary and Climate Studies 2012; IPhD 2015). The rest of the team included two UMaine faculty members: **Professor Paul "Jim" Roscoe**, an expert in the anthropology of war; and Cooperating Professor **Alice Kelley**, a geoarchaeologist; UMaine graduate student **Emily Blackwood** (UMaine BA Anthropology 2015); chronometry expert Dr. Gloria López from CENIEH in Burgos, Spain; and Bangor lawyer James Munch. The key to the research is trying to date the placement of the stones using a technique called Optically Stimulated Luminescence (OSL), which can show how long it has been since sand grains were last exposed to sunlight. Dr. López is a specialist in OSL and she took samples from under 10 of the piles. To do so required using a black tent to ensure that the sand was not exposed to light while being excavated. Results are expected late in the spring semester.



Some of the slingstone piles in the southern line, with (l to r) Gloria López, Jim Munch, and Jim Roscoe in the background.



Alice Kelley observing Gloria López in the OSL sampling tent as she recovers some of the sand samples.

Recent Department Publications

Alfredsson, Eva, Magnus Bengtsson, Halina Szejnwald Brown, **Cindy Isenhour**, Sylvia Lorek, Dimitris Stevis & Philip Vergragt. 2018. Why Achieving the Paris Agreement Requires Reduced Overall Consumption and Production. *Sustainability: Science, Practice and Policy* 14(1):1-5.

Beitl, C.M., (2017). Decentralized Mangrove Conservation and Territorial Use Rights in Ecuador's Mangrove-Associated Fisheries. *Bulletin of Marine Science*. 93(1):117-136. DOI: <http://dx.doi.org/10.5343/bms.2015.1086>

Beitl, C.M., (2018) Book Review of Lewis, Tammy L. (2016) *Ecuador's Environmental Revolutions: Ecoimperialists, Ecodependents, and Ecoresisters*. The MIT Press, Cambridge, MA, viii + 282pp.

Carr, Tish, and **Darren Ranco**. 2017. "Citizen Science and Traditional Ecological Knowledge —Values of Inclusion in the Wabanaki Youth Science Program." *Maine Policy Review* 26(2): 86-88.

***Ebel, S.A., Beitl, C.M.**, Runnebaum, J., Alden, R., **Johnson, T.R.** (2018). The power of participation: Challenges and opportunities for facilitating trust in cooperative fisheries research in the Maine lobster fishery. *Marine Policy* 90: 47-54. DOI: <https://doi.org/10.1016/j.marpol.2018.01.007>

Ebel, S.A. (2018). Livelihood diversification as a form of resilience? An ethnographic account of artisanal fishers in Chile's Lakes Region. In: *Chiloe: An Ethnobiology of an Island Culture*. eds Anton Daughters and Ana Pitchon. Springer-Nature Life Sciences.

Farr, E.R., Stoll, J.S., **Beitl, C.M.**, (2018). Effects of fisheries management on local ecological knowledge. *Ecology & Society*. 23 (3): 15. DOI: <https://doi.org/10.5751/ES-10344-230315>

Hanes, S.P., Collum, K.K., Drummond, F., and Hoshide, A. 2018. Assessing Wild Pollinators in Conventional Agriculture. *Human Ecology Review* 24(1): 99-114.

Hanes, S.P., and **Waring, T.**, 2018. Cultural Evolution and US Agricultural Institutions: A Historical Case Study of Maine's Blueberry Industry. *Sustainability Science* 13(1): 49-58.

Hanes, S.P., 2018. Aquaculture and the Post-Productive Transition on the Maine Coast. *Geographical Review* 108(2): 185-202.

Isenhour, Cindy et al. "Waste is not the Maine Way" LD1534 Stakeholder Working Group Final Report. 2018. Submitted to the Joint Standing Committee on Environment and Natural Resources, Maine State 128th Legislature <https://umaine.edu/mitchellcenter/road-to-solutions/materials-management/ld-1534-final-report/>

Jordan, Rebecca, Amanda E. Sorensen, Rachael Shwom, Jennifer Meta Robinson, **Cindy Isenhour**, Steven Gray, Mary Nucci & Diane Ebert-May. 2018. Using authentic science in climate change education, *Applied Environmental Education & Communication*.

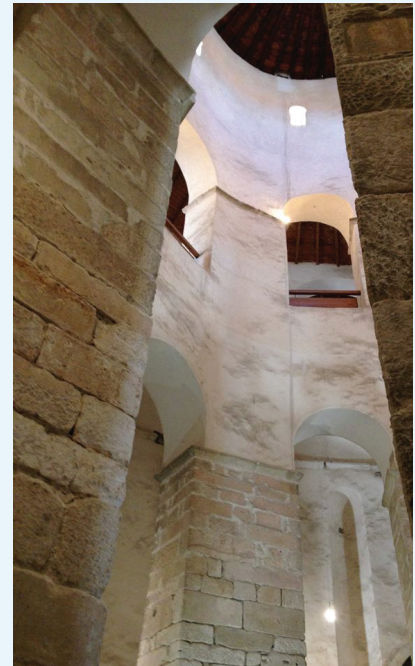
Mirosevic, L., **G. Zaro**, M. Katic, and D. Birt (eds.) (2018). *Landscapes of Southeastern Europe*. Lit Verlag, Berlin-London_Munster-Wien-Zurich.

Reo, N., K. Whyte, **D. Ranco**, J. Brandt, E. Blackmer, and B. Elliott. 2017. "Invasive Species, Indigenous Stewards, and Vulnerability Discourse." *American Indian Quarterly* 41(3): 201-223.

Zaro, G. (2018). Concluding thoughts: (Cultural) Landscapes of Southeastern Europe. In *Landscapes of Southeastern Europe*, by L. Mirosevic, G. Zaro, M. Katic, and D. Birt (eds.), pp. 165-170. Lit Verlag, Berlin-London_Munster-Wien-Zurich.

Zaro, G. and M. Čelhar (2018). Landscape as legacy in northern Dalmatia. In *Landscapes of Southeastern Europe*, by L. Mirosevic, G. Zaro, M. Katic, and D. Birt (eds.), pp. 49-67. Lit Verlag, Berlin-London_Munster-Wien-Zurich.

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Croatia 2018
(Photo credit: Lynn Pollard).

The Annual Fund is an opportunity for Alumni, Parents, Friends, and Faculty/Staff to play an important role in the UMaine'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.

You can make a gift online, our.umaine.edu/anthropology, or by contacting the University of Maine Foundation at 207.581.1148 or toll-free 866.578.2156.

Remember, it isn't just about how much you give, but the fact that you give that makes a real difference.

Thank you for your consideration and support.