

The University of Maine

DigitalCommons@UMaine

---

General University of Maine Publications

University of Maine Publications

---

Summer 2009

## Anthropology Department Annual Newsletter

Department of Anthropology

Follow this and additional works at: [https://digitalcommons.library.umaine.edu/univ\\_publications](https://digitalcommons.library.umaine.edu/univ_publications)



Part of the [Higher Education Commons](#), and the [History Commons](#)

---

### Repository Citation

Department of Anthropology, "Anthropology Department Annual Newsletter" (2009). *General University of Maine Publications*. 388.

[https://digitalcommons.library.umaine.edu/univ\\_publications/388](https://digitalcommons.library.umaine.edu/univ_publications/388)

This Newsletter is brought to you for free and open access by DigitalCommons@UMaine. It has been accepted for inclusion in General University of Maine Publications by an authorized administrator of DigitalCommons@UMaine. For more information, please contact [um.library.technical.services@maine.edu](mailto:um.library.technical.services@maine.edu).

# ANTHROPOLOGY NEWS



Bringing Maine to the World and the World to Maine

Issue 2

Summer, 2009

## *From the Chair*

**H**ello Again! We are back with our second Anthropology Newsletter and have a lot to share with you. Anthropology has been moving forward in a number of ways involving our students and our curriculum, and we continue to initiate and conduct research on human culture past and present around the globe, including right here in Maine. The number of students we teach and majors we have continues to increase, and our students are involved in field and laboratory research on a number of exciting projects. We have added new faculty and are developing ideas for continued undergraduate and graduate growth. We thank you for your interest in Anthropology here at UMaine.

*Kristin Sobolik*

## Issue Highlights:

**Summer Fieldschool pg. 2**

**Distinguished Maine Professor pg. 3**

**Improved Website pg. 3**

**New Faculty pg. 4**

**Curriculum Changes pg. 5**



Summer Archaeological Fieldschool student crew at Holmes Point, Machias.

Back l to r: Undergraduates Heather Omand, Jessica Sleeth, William Longfellow, Graduate Research Assts. Sam Belknap and Rob Ingraham, Undergraduates Lisa McKnight, Natalie Dana and Susan Appleby.

Front l to r: Undergraduates Rebecca Morton, Kristine Syrjala, Heidi Parks and Michael Kelley.

Story on page 2.



## Archaeological Fieldschool ~Another Successful Season

Our summer archaeological fieldschool had another terrific year on the coast of Maine. Twelve students, including graduate students **Rob Ingraham** and **Sam Belknap**, and director **Brian Robinson** conducted excavations at two sites on Machias Bay, researching late prehistoric and early historic period Wabanaki settlement as well as early French habitation. The fieldschool is funded by a Maine Academic Prominence Initiative (MAPI) grant from UMaine, written by Brian and **Lisa Neuman**, and designed to develop a coastal archaeology program that emphasizes education, scholarship, and collaboration between the University and Maine's Native people. For the last two years the fieldschool was conducted cooperatively with the Passamaquoddy Petroglyph Project, and has received base-funding for future field and laboratory analysis.

Excavations focused on a three meter wide burned floor area containing a stone point workshop, early 17<sup>th</sup> century French pottery, and lots of burned bone. Analysis conducted by Rob indicates that seal, moose, and dog bones are prevalent at the site. The well preserved floor represents three or four different activities, and our problem is to figure out whether the activities are related, at a time when both the French and the Passamaquoddy actively lived on Machias Bay. Passamaquoddy petroglyphs (or rock art) showing European ships date from the same time period and are among the many figures pecked into rocks that were shown to the crew by Donald Soctomah, Historic Preservation Officer for the Passamaquoddy.

**FACT:  
THE UMAINE  
FIELDSCHOOL IS  
CONTRIBUTING TO  
DECADES OF RESEARCH  
IN THE RICHEST ROCK  
ART LOCATION ON THE  
EAST COAST OF NORTH  
AMERICA.**

### Department of Anthropology

Kristin D. Sobolik, Chair  
234C S. Stevens Hall 207.581.1893  
[sobolik@maine.edu](mailto:sobolik@maine.edu)

Shelley M. Palmer, Administrative Asst.  
106A S. Stevens Hall 207.581.1894  
[shelley.palmer@umit.maine.edu](mailto:shelley.palmer@umit.maine.edu)

5773 S. Stevens Hall  
Orono, Maine 04469-5773

<http://www2.umaine.edu/anthropology/>

In complying with the letter and spirit of applicable laws and pursuing its own goals of diversity, the University of Maine shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, including transgender status or gender expression, national origin, citizenship status, age, disability, or veteran's status in employment, education, and all other areas of the University System. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Questions and complaints about discrimination in any area of the University should be directed to the Director of Equal Opportunity, the University of Maine, 5754 North Stevens Hall, Room 101, Orono, ME 04469-5754, telephone (207) 581-1226, TTY (207) 581-9484.



Director Brian Robinson (l) with Anthropology major Michael Kelley



Co-PI Lisa Neuman



Donald Soctomah, Passamaquoddy Historic Preservation Officer



## Acheson Awarded Distinguished Maine Professor

**J**im Acheson was awarded the highest honor provided to faculty, The University of Maine Alumni Association's Distinguished Maine Professor! Jim was awarded this highly prestigious honor due to his internationally renowned environmental policy research, excellent teaching, and applied service to the State of Maine and beyond. Jim spent many years interacting with lobstermen, politicians, and middlemen, ultimately developing his theory on the successful management of lobster resources which has



become one of the most successful environmental policy initiatives nationwide. Jim received an *Official Expression of Recognition* from the 121<sup>st</sup> State of Maine Legislature for this research. Jim has also conducted environmental policy research on the Maine forestry industry, and is a co-PI, with **Teresa Johnson** (see pg. 4) on a recently awarded \$1,000,000 National Science Foundation grant to analyze *Fine-scale Dynamics of Human Adaptation in Coupled Natural and Social Systems*. Congratulations Jim!

### FACT:

**ANTHROPOLOGY FACULTY HAVE RECEIVED EACH OF THE TOP UNIVERSITY AWARDS; DISTINGUISHED MAINE PROFESSOR, PRESIDENTIAL OUTSTANDING TEACHING AWARD, PRESIDENTIAL RESEARCH AND CREATIVE ACHIEVEMENT AWARD, AND PRESIDENTIAL OUTSTANDING PUBLIC SERVICE AWARD.**

## Updated Website



**W**e have a new and improved website! **Shelley Palmer**, our Administrative Assistant, and **Ric Faulkner**, our retired Professor Emeritus of historical archaeology, worked together to provide a much needed update. The website includes photographs taken by our own faculty and staff. Many were provided by **Steve Bicknell**, our Archaeology Lab Manager, as well as **Greg Zaro** and **Constanza Ocampo-Raeder**. Please check it out at

<http://www2.umaine.edu/anthropology/>.

## Celebration of Darwin

**T**his important year is the 150<sup>th</sup> anniversary of the publication of *The Origin of Species* and the 200<sup>th</sup> anniversary of Charles Darwin's birth. In *The Origin*, arguably the most important work of the nineteenth, twentieth, and twenty-first centuries, Darwin proposed the theory of Natural Selection which provides a mechanism for how biological organisms change through time. UMaine is celebrating with a number of events this fall, as well as offering an interdisciplinary course that is open to the public. The course, *INT 289 A Celebration of Darwin*, is being taught by 14 faculty from across campus who use natural selection in their teaching and research. The course is organized by **Kristin Sobolik** who will speak about Hominid Evolution, Human Migrations, and Ancient DNA. From Anthropology, **Jim Roscoe** will discuss Biocultural Evolution and the Evolution of Warfare, and **Constanza Ocampo-Raeder** will expand on Biocultural Evolution and Group Selection. The Celebration of Darwin events website can be found at <http://www2.umaine.edu/anthropology/Darwin1.html>.





## Anthropology Welcomes New Faculty

**D**arren Ranco is a welcome addition to our department! Darren received his Ph.D. in Anthropology from Harvard and a Master of Studies in Environmental Law from the Vermont Law School. He is jointly appointed in Anthropology and the George Mitchell Center for Environmental and Watershed Research, and as the Coordinator for Native American Research.

Darren's research represents a unique combination of perspectives including environmental policy, law, Penobscot watershed research, tribal sovereignty, and anthropology. His future plans involve the development of Penobscot tribal policy issues surrounding environmental resource use, as well as developing mentoring programs for Native American students. He will also maintain his role on the National Science Foundation IGERT grant at Dartmouth College on Polar Environmental Science by helping science graduate students work more closely with indigenous policy-makers in Greenland and is a co-PI on the recently awarded NSF EPSCoR Sustainability Solutions Initiative. Darren is also working on obtaining National Institute of Health funding with the Wabanaki Center.



*Darren Ranco and colleague Ross Virginia in Greenland, working on their IGERT grant.*

**A**lice Kelley (*below*) has joined Anthropology as a Cooperating Professor. Alice is a geoarchaeologist who received her Ph.D. from UMaine in 2006 under the direction of **David Sanger**, our Professor Emeritus of prehistoric archaeology. Alice is a Research Assistant Professor in the Climate Change Institute and the instructor of introductory geology courses in the Department of Earth Sciences. Alice is busy working on a number of cultural resource management research projects including an erosion study at St. Croix Island, the site of Champlain's first attempt to over winter in the New World in 1604.

Almost half of the company of 80 perished during the winter, but the group persevered and established a colony at Port Royal. The erosion study is being conducted as an LNG facility is proposed nearby and the island will most likely be impacted. Alice is also working with the consulting firm TRC



and the US Minerals Management Service to study submerged prehistoric archaeological resources on the outer continental shelf of Maine to develop a protocol to assess cultural resources of offshore areas that may be impacted by alternative energy development.



*Teresa Johnson conducting research with fishermen on the Maine coast.*

**T**eresa Johnson, an Assistant Professor of Marine Policy in the School of Marine Sciences, has joined our department as a Cooperating Professor. Teresa received her M.S. degree at UMaine in 2001 under the direction of Jim Wilson and **Jim Acheson**, and her Ph.D. in Ecology and Evolution from Rutgers in 2007. Teresa has been busy setting up her research program and planning new courses. This summer she is continuing her research on the science policy process in the northeast US, focusing on stakeholder participation in science and management, and examining the implications of incorporating fishermen and their knowledge in scientific research. She will also begin research on fishermen's and scientists' attitudes and interactions as part of a large comparative study with colleagues on the role of extended peer communities in fisheries. She is a co-PI, with Wilson and Acheson, on a recently awarded \$1M NSF grant to analyze *Fine-scale Dynamics of Human Adaptation in Coupled Natural and Social Systems*.



*Our Introduction to Anthropology two course sequence, taught by Constanza Ocampo-Raeder (above) and Greg Zaro, provides students with an understanding of the evolution of humans, the development of civilization, and the spread and diversification of cultures around the world.*

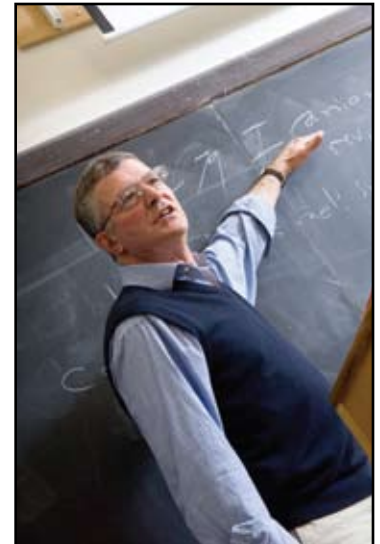
## Learning Outcomes Developed

**T**his past year we developed learning outcomes for our major and for each course. Our overall departmental goal is to provide students with a well-rounded education about the human experience, and all Anthropology majors should: 1) understand the intricacies and implications of cultural diversity in the past and present; 2) understand the important theoretical and methodological issues of the discipline; 3) have the ability to provide, integrate, analyze, and assess evidence as it applies to a larger theoretical framework (i.e. statistical, historical, ethnographic, archaeological, etc.); and 4) have the ability to think critically and communicate ideas and information effectively. Our four core courses and the Capstone are integral components of our learning outcomes assessment, although each course is also important. This past year we started conducting Senior Exit Interviews, and this coming fall semester we will analyze all of our learning outcomes data to further assess the success of our program.

**FACT:  
THE NUMBER OF ANTHROPOLOGY MAJORS  
HAS INCREASED 33.3% OVER THE LAST FIVE  
YEARS, WITH THE GREATEST INCREASE IN  
THE AREA OF INTERNATIONAL AFFAIRS.**

## Curriculum Changes

**O**ne of our biggest projects this past year has been an assessment of our entire curriculum to identify course changes, modifications, and additions. Our goals for this assessment were to: 1) make sure we are serving our majors; 2) increase the number of students we teach while; 3) keeping our research-friendly course load. We moved three upper division courses, *Sex and Gender in Cross-Cultural Perspective*, *Religion and Violence*, and *Ethnic Conflict*, to a lower division and increased their enrollment. We also added or re-offered four high enrolling courses -- *Forensic Anthropology*, *Introduction to Folklore*, *Popular Archaeology*, and *World Geography*. Now our 100 and 200 level courses enroll from 50-348 students, fulfill important general education requirements, and require no prerequisites. Our 300 and 400 level courses are lower enrolling, seminar-style and writing-intensive courses mainly taken by our majors. Teaching undergraduate and graduate assistant support is provided for large enrollment courses.



*Henry Munson provides important course diversity by teaching the popular online course, *Religions of the World*, every semester. He has moved *Religion and Violence*, and *Ethnic Conflict* to the 200 level so more students could take the courses.*



*Kristin Sobolik teaches *Zooarchaeology*, an upper division, intensive laboratory course geared toward our majors and other interested biology students.*



## Back to Peru

This summer **Constanza Ocampo-Raeder** returns to Peru to continue exploring the human ecology of traditional people. However, this time she will be taking a break from rainforest duties and focusing on management activities and the cultural practices of fishing folk in the northern coast of Peru. Funded with a UMaine Faculty Research Award, she will evaluate the connections between sea-based activities (fishing, dock activities, fishing guilds) and land-based social dynamics (households, kinship networks, religious institutions). Her analysis will provide insights into understanding traditional fishing activities as broad communities instead of just focusing on activities that take place on boats. In addition her field site is found right at the intersection between cold waters of the Humboldt Current and tropical warm waters, which means she will interact with a variety of ocean species,

including  
**g i a n t  
s q u i d s !**



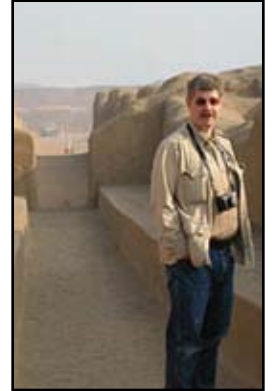
Constanza Ocampo-Raeder will be turning her human ecological research interests to fishing activity along the Peruvian coast this summer.

### **FACT:**

**FIRST PLACE IN THE 'LANDSCAPE DIVISION' OF THE WILDLIFE SOCIETY 2009 PHOTOGRAPHY COMPETITION WAS AWARDED TO GREG ZARO. SEE HIS WINNING PHOTO AT**

<http://www2.umaine.edu/anthropology/Zaro.html>

Last summer, **Dan Sandweiss** continued field work on the Peruvian coast with colleagues Michael Moseley (UFlorida, National Academy of Sciences), David Keefe (USGS, UMaine), Charles Ortloff (CFD Consultants), and Ruth Shady (Proyecto Especial Arqueológico Caral-Supe). The research focuses on the impact of climatic and environmental change on the demise of Peru's first monument-building, preceramic complex society. In an article in *Proceedings of the National Academy of Sciences*, the team describes the synergistic impacts of earthquakes, landslides, El Niño rainfall, erosion, coastal deposition, and sand dune migration on the twin economic bases of preceramic society in coastal Peru: fishing and agriculture. Sandweiss is in the field with the same team this summer.



Dan Sandweiss at the Chimú site of Chan Chan in northern Peru

## Summer Research in Belize

In addition to his landscape evolution work on the Peruvian southern coast, **Greg Zaro** is beginning new research in the humid tropics of northwestern Belize where he has been invited to collaborate in research centered on the Classic Maya (A.D. 250-850) site of La Milpa. His work is focused on ritual interactions between ancient Maya and their physical surroundings, including the manipulation of architecture and urban design to make cosmological and political statements. This involves the physical engineering requirements of landscape alterations, such as hydrological or civic, as well as 'ritual engineering' of urban space which serves to integrate apparent discrete elements across the cultural and environmental landscape.



Greg Zaro climbing High Temple at the Mayan site of Lamanai in Belize.



Graduate students Sam Belknap(l), Rob Ingraham(r) and PhD candidate Kurt Rademaker(c). Kurt will be teaching *Popular Archaeology* for the Fall 2009 semester.

## Ph.D. Plans Continue

We are moving forward with our plans for a Ph.D. in Anthropology and Environmental Policy. There is a present and growing need to direct basic and applied research to understanding human interactions with the environment and to comprehend the cultural dimensions of these interactions and their consequences. This past year we met with other interested faculty across campus to plan the program curriculum, and will submit the final proposal for approval this fall. The curriculum is focused on an understanding of human society and culture in cross-cultural perspective, and their central role in implementing successful environmental policy. Each student's curriculum will be individually tailored depending on their background coming into the program, environmental focus area, and whether they are interested in national or international environmental policy issues.

**FACT:**

**26 FACULTY FROM ACROSS CAMPUS ARE INVOLVED IN OUR PH.D. PROGRAM.**

## Climate Change and Culture Program Develops

Anthropology and the Department of Earth Sciences are putting together a new undergraduate program on Climate Change and Culture. Climate Change is one of the leading environmental and human problems facing the world today. Solutions to this problem can be found by combining analysis of cultural and environmental change through time with an understanding of modern climate and human impact. Successful policy decisions surrounding climate change will contain solid science and social science informed by cultural understanding. The program will center on existing core courses in anthropology and earth sciences. Entering cohorts will be introduced to inquiry based research in the First Year Seminar which includes discussion and field and laboratory experiences, and the program will culminate in the Capstone field and/or lab research experience.

## Maine Heritage Initiative

Teaching, research, and engaged scholarship of Maine's diverse heritage, past and present, is important to our future growth and development. The Maine Heritage Initiative originated as a development opportunity to help fund programs, faculty, and teaching at UMaine associated with Maine heritage issues. The initiative was originated by **Kristin Sobolik** and developed with the efforts of a number of faculty across campus including **Pauleena MacDougall**, Faculty Associate in Anthropology and Director of the Maine Folklife Center, **Stephen Hornsby**, Professor of Anthropology and Director of the Canadian-American Center, and **Darren Ranco**, Associate Professor of Anthropology and Coordinator for Native American Research. The First Annual Maine Heritage Lecture, held last November, was presented by our own **Jim Acheson** in celebration of the 20<sup>th</sup> anniversary of the publication of his book on *The Lobster Gangs of Maine* in which he summarizes some of his research on environmental policy issues within Maine lobstering communities. More information on this initiative can be found at

<http://www.umaine.edu/las/Maine%20Heritage%20BDN%20Article.htm>.

**FACT:  
MAINE HERITAGE  
COURSES ARE  
TAUGHT IN  
MAINE STUDIES,  
ANTHROPOLOGY,  
HISTORY, NATIVE  
AMERICAN  
STUDIES,  
FRANCO-  
AMERICAN  
STUDIES, AND  
SOCIOLOGY.**



## Roscoe has Productive Sabbatical

**J**im Roscoe spent the year on sabbatical in Germany working on his book (see page 11) and publishing articles in the *Journal of the Royal Anthropological Institute* and continuing his successful and prolific foray into archaeological realms in the *Journal of Archaeological Method and Theory* and the *Journal of Anthropological Archaeology*. In the first article, Jim and co-author Ulrike Claas analyze the curious story of a German colonial adventurer, Paul Graetz, and his (ultimately unsuccessful) plans to explore and map New Guinea from a hot air balloon. In the second, Jim uses evidence from New Guinea to present a new theory of human social organization in small-scale societies: he argues that these systems have a modular, multifunctional structure made up of nested segments, with each level in their hierarchy oriented to fulfilling different functions such as reproduction, subsistence optimization, and



*Jim Roscoe starts his new research project on the anthropology of food and drink in Crete while on sabbatical!*

defense. Displays of military might, including big pig feasts and the construction of great spirit houses, are used as an alternative to fighting over conflicts of interest. In the third paper, Jim analyzes settlement fortifications in New Guinea, arguing that they are designed not only to keep attackers out, as archaeologists have previously assumed, but also to pen them in once they have attacked so that they can be annihilated.

## Canadian-American Center Moves to our College

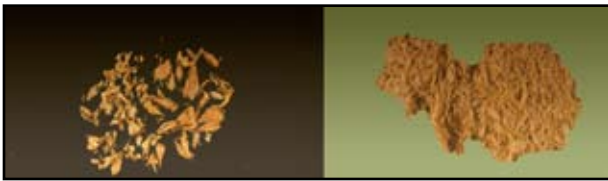
**S**tephen Hornsby is busy directing the Canadian-American Center as it continues to support teaching, research, and outreach on Canada, and to receive substantial federal funding including \$390K for this year from the US Department of Education. The Center recently joined the College of Liberal Arts and Sciences to be administratively closer to the faculty and the graduate programs that it helps support. Stephen has completed his book manuscript (see page 11) and is finishing up *The Historical Atlas of Maine*, co-edited with Dick Judd, with hopes of a 2010 publication date. Stephen also co-hosted, with Liam Riordan, an international conference on *Loyalism and the Revolutionary Atlantic World* held this June at UMaine.

**FACT:  
MORE THAN 100 SCHOLARS FROM AUSTRALIA,  
BRITAIN, CANADA, AND THE US ATTENDED THE  
RECENT 'LOYALISM AND ATLANTIC WORLD'  
CONFERENCE HELD AT UMAINE.**

## Ann Acheson Continues Policy Work

**A**nn Acheson, Faculty Associate, continues to serve as editor of *Maine Policy Review* which publishes independent analysis of public policy issues relevant to Maine. The Fall/Winter 2008 special issue, the longest published in the journal's history, was devoted to climate change and energy. She has also continued to work with **Marci Sorg** on reporting of drug deaths in Maine for the national DAWN system (Drug Abuse Warning Network). Ann is co-PI, with **Jim Acheson**, on the NSF project entitled *Evolution of Norms and Conservation Laws in Two Fisheries*, and taught *Psychological Anthropology and Language, Culture, and Society* this past year.





## Biological Research Ongoing

In addition to trying to keep all the balls in the air, **Kristin Sobolik** has been continuing her work on paleonutrition with a new book coming out (see page 11) and an article in the *British Journal of Nutrition* with colleague Jeff Leach. The BJN research focuses on the importance of undigestible prebiotic inulin-type fiber in prehistoric diets, increasing the percentage of beneficial bifidobacteria in the human digestive tract which promotes positive health benefits. They estimate a 10-30 fold increase of fructan-inulin dietary fiber in some prehistoric populations over our modern diet.

**Marci Sorg**, Forensic Anthropologist for Maine, New Hampshire, and Delaware, received \$279K from the National Institute of Justice for a 3-year project involving research on *Developing and Validating Regional Taphonomic Standards*. The research involves analyzing interdisciplinary taphonomic evidence (insect, botanical, soil, climatological, faunal) in forensic death investigation cases, and developing policies and procedures for investigating future outdoor scenes. The project uses geographic information systems to store statewide taphonomic data. Data associated with the detection of remains by human and cadaver dog searchers adds a new dimension to this research. The project is being done in collaboration with the Office of Chief Medical Examiner, Department of Public Safety, and Maine Criminal Justice Academy. Marci also taught *Forensic Anthropology* this past year, and has continued with her public health policy research through the Margaret Chase Smith Policy Center (MCSPC). Anthropology is teaming with the Climate Change Institute and the MCSPC to propose a joint faculty position for Marci.

## Robinson Research on Paleoindian Aggregation

**Brian Robinson** has completed his 3-year NSF grant on *Internal Site Structure at Bull Brook, a Paleoindian Site in Massachusetts* which is the largest known organized event in the Pleistocene of North America. This research has just been published in *American Antiquity* and presents data on 36 loci, or dwellings, that were occupied at the same time at the site, as well as evidence indicating stone source identification, artifact location, and a detailed reconstruction of historic excavations at the site and how they relate to artifacts and loci. Brian worked with graduate students **Jen Ort**, who reconstructed artifact spatial patterning at the site for her M.S. thesis, and **Bert Pelletier**, who provided accurate GIS locations.

**FACT:**  
**OVER 5,000**  
**ARTIFACTS**  
**WERE**  
**RECOVERED**  
**FROM THE**  
**BULL BROOK**  
**PALEOINDIAN**  
**SITE.**



Graduate Student Jen Ort and avocational archaeologist Bill Eldridge analyze artifacts from the Bull Brook Site.

## No Rest in Retirement

**Alaric Faulkner** has spent his first year in retirement digitizing, labeling, and re-interpreting the thousands of images related to UMaine historical archaeological excavations undertaken over the last 30 years, and entering them into a searchable database. Ric states that it is a project of discovery, as much of the information recorded was not obvious to the naked eye in the field. It is a project that may take at least another two years to complete as he has finished about half of the color negatives and still has black-and-white negatives and slides to do.

*If a picture is worth a thousand words, these constitute a full volume set of the Encyclopedia Britannica!*

*Alaric Faulkner*

## Student Honors Reception



*Henry Munson serving cake to the students at the Student Honors Reception*



*Chair, Kristin Sobolik chats with undergraduates (l to r) Heidi Parks, Shannon Simms, Alissa Dubois, and Lisa McKnight.*

Our second annual Honors Reception involved pizza, soda, cake, and a standing ovation for our own **Shelley Palmer** who the students recognize as indispensable! We applauded 56 students who had earned honor roll status over the past year, as well as **Alissa Dubois** who received our Top Scholar Award and a gift certificate from the UMaine Bookstore for earning the highest GPA after her first semester. Our 2009 Outstanding Student Award was presented to graduating senior **Jordan Netzer**. Jordan produced two large research projects for the Anthropology Department, one involving the continuation of research he initiated in Jim Roscoe's *Research Seminar in Climate Change*, and the other was his Capstone Project on social and economic change in China. Jordan, who also majored in History, plans on becoming a History teacher. Congratulations to our excellent Anthropology majors!

## Climate Change Science Day

One hundred and fifty high school students and science educators from Camden, Mt. Desert, Millinocket, Orono, and Veazie spent the day at UMaine learning about climate change science with discussions and hands-on activities put on by the Climate Change Institute and the departments of Earth Sciences and Anthropology. Over in South Stevens Hall, **Kristin Sobolik** (bottom right) talked about the human skeleton and allowed students to handle real human bones ranging from fetuses, juveniles, and older adults; graduate students **Sam Belknap** (top right) and **Rob Ingraham** introduced students to paleofeces, faunal remains, and hominid cast material; and **Brian Robinson** led a discussion on Maine archaeology with artifact examples from the region. Other stops included Geology labs, where **Alice Kelley** discussed Maine's geological history and students got to analyze sediment cores, as well as the Paleocology, Ice Core, and Stable Isotope labs.





## Books! Books! Books!



Edward "Sandy" Ives and Pauleena MacDougall  
with the Rexford St. John Boyington Walking Stick

Anthropology faculty are prolific publishers of our research. Most of our publications are journal articles or book chapters, however we also write books. Our own departmental culture includes group celebration (PARTY) and presentation (CANING) of the Rexford St. John Memorial Walking Stick Award (THE CANE) upon the publication of a book. This year two faculty were presented with THE CANE: **Pauleena MacDougall** for the publication of *The Penobscot Dance of Resistance: Tradition in the History of a People* through the University Press of New England, and **Dan Sandweiss** on his publication of *El Niño, Catastrophism, and Culture Change in Ancient America*, edited with Jeffrey Quilter, through Dumbarton Oaks/Harvard University Press.

In her book, Pauleena demonstrates that Penobscot legend, linguistics, dance and oral tradition became "foundations of resistance" against assimilation into the dominant culture. In a larger context, *Dance of Resistance's* examination of the history of one Indian nation illustrates the complex interaction of cultural systems in America. Dan's book summarizes research on the nature of El Niño events in the Americas and details specific historic and prehistoric patterns in Peru and elsewhere. By also looking at other catastrophic natural events in the ancient New World, the book illustrates how scientific archaeology can serve pure research as well as provide information for contemporary issues.

### FACT:

**ANTHROPOLOGY FACULTY HAVE PUBLISHED 36 BOOKS SINCE THE CANING CEREMONY TRADITION BEGAN 23 YEARS AGO.**

## In The Hopper

We are diligently working on future books. They include:

*Paleonutrition* by **Kristin Sobolik** and colleagues Mark Sutton and Jill Gardner, coming out with the University of Arizona Press. This book discusses the most recent techniques for analyzing prehistoric diet, health, and nutrition highlighting diverse case studies.

*Recapturing Culture: How a School for Indians Became an Indian School* by **Lisa Neuman** in review with the University of Nebraska Press. This book discusses the history of Native American Education with a focus on how American Indian students respond to schooling.

*Fannie Hardy Eckstorm (1865-1945): Maine's Eminent Folklore Pioneer* by **Pauleena MacDougall** in review at the University Press of New England. This volume examines the significance of Eckstorm's writings in the context of the folklore scholarship of the early twentieth century and in relation to her experience as the daughter of a pioneering family in the woods of Maine.

*Surveyors of Empire: Samuel Holland, J.F.W. Des Barres and the Making of the Atlantic Neptune* by **Stephen Hornsby** will be sent out for review soon. This book deals with the confluence of science and imperialism in eastern North America in the 1760s and early 1770s.

*Tribe at Risk: Identity, Knowledge, and Environmental Diplomacy on the Penobscot River* by **Darren Ranco** to

be reviewed by Duke University Press. This book will be one of the first to analyze all angles of environmental policy and law with the inclusion of the Native perspective.

*Reactionary Religion: Militant Religious Conservatism in Comparative Perspective* by **Henry Munson**. This book will argue that some reactionary religious movements articulate social and nationalistic grievances as well as moral outrage provoked by the violation of traditional religious values. The failure to understand this has often undermined efforts to weaken these movements.

**Constanza Ocampo-Raeder** is working on *Forest-Smiths of the Amazon: The Cultural Forests of the Ese eja of South Eastern Peru* which she wants to submit to the University of Arizona Press. The book presents an analysis of the impacts of indigenous resource management on the ecosystem dynamic of the traditional territory of Ese eja people of the southeastern Peruvian Amazon.

**Jim Roscoe** is writing a book on the conduct of war in New Guinea, analyzing the consequences of war for overall human society and culture.

**Dave Sanger** is currently working on two books--one is a semi-popular book on the archaeology of Maine, and the other is a detailed account of his excavations at the Todd site and his decade of research in the Boothbay-Muscongus Bay region.



# THE ANTHROPOLOGY DEPARTMENT

UNIVERSITY OF MAINE

Non-Profit Org.  
U.S. Postage  
**PAID**  
Orono, Maine  
Permit No. 8

**5773 South Stevens Hall  
Orono, Maine 04469-5773**

[www2.umaine.edu/anthropology/](http://www2.umaine.edu/anthropology/)



A MEMBER OF THE UNIVERSITY OF MAINE SYSTEM



Return Service Requested

## Invest in Anthropology at UMaine

A lot is going on here in Anthropology at UMaine and we need your help! We are strengthening the program by working on adding a Ph.D. in Anthropology and Environmental Policy and an undergraduate program in Climate Change and Culture with the Department of Earth Sciences. The number of our majors is increasing, and we want to provide field and research experience support for as many as possible. While some students are funded through faculty grants, many more opportunities can be made available if some basic expenses are met. Please help us by sending your donation to the Anthropology Department. You can earmark your donation for student field and research opportunities in archaeology, cultural anthropology, or just for general anthropological support. Your donation is tax deductible and we appreciate your support!

Yes, I want to invest in Anthropology at UMaine! Enclosed is my tax-deductible donation for:

- \_\_\_\_\_ Student support for Archaeological Field and Research Experience
- \_\_\_\_\_ Student support for Cultural Anthropological Field and Research Experience
- \_\_\_\_\_ General Anthropological Support

Please send donations to:

Shelley Palmer  
Department of Anthropology  
5773 S. Stevens Hall  
University of Maine  
Orono, ME 04469-5773