



Annual Report – FY2010

Research Activity for the period of July 1, 2009 to June 30, 2010





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The Climate Change Institute – University of Maine

Introduction, Summary of Accomplishments (FY2010), Goals for Next Year (FY2011), Challenges and Solutions

Introduction

The Climate Change Institute (CCI) is an inter- and multi-disciplinary research unit that conducts world-class research, graduate education, and environmental outreach focused on the variability of Earth's climate system, and on the interaction between humans and the natural world. Research is supported through federal grants (NSF, NASA, NOAA, EPA), private foundations (Bingham Family Trust, W.M. Keck Foundation,) and individuals (Dan and Betty Churchill Exploration Fund, Brenda Garrand and others).

The 55 faculty and staff of the Institute and 40 graduate students provide immense multidisciplinary strength in a diverse range of research themes: physical and chemical climate reconstruction, paleoecology and environmental reconstruction, anthropology and archaeology, glaciology, marine geology, ecosystems and environmental change, renewable energy and environmental monitoring, cyberinfrastructure, climate prediction and modeling, climate change impacts, policy, and sustainability (see Climate Change Organizational Chart).

CCI researchers are world acclaimed as evidenced by their numerous publications which include thousands of peer reviewed journals and books. Members of the Institute have received major national and international honors (eg., National Academy of Sciences, Inaugural SCAR Medal for Excellence in Antarctic Research among a field of 35 countries and all disciplines, several honorary PhDs, the Explorer's Club Lowell Thomas Medal, AGU and AAAS Fellows), and are routinely sought to provide high profile media appearances addressing climate change (eg., NOVA, PBS, CBS 60 Minutes, Good Morning America, NY and LA Times, NPR).

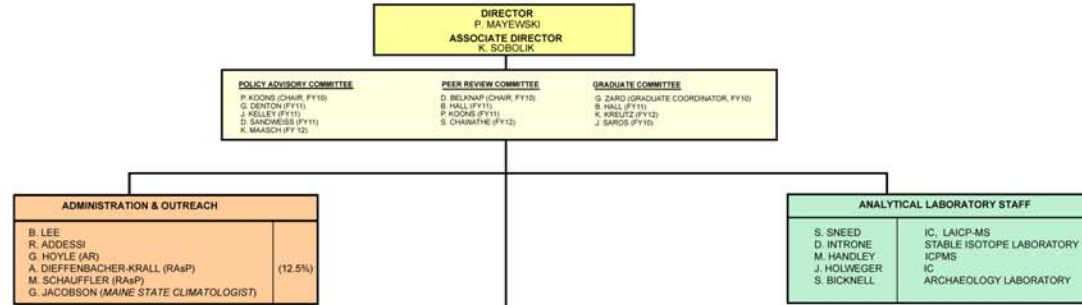
CCI has a 35-year legacy of multi-disciplinary, high profile scientific contributions <http://www.climatechange.umaine.edu/research/contribution-series> to the understanding of natural climate variability, human impact on climate, and the impact of climate change on humans and ecosystems. CCI scientists conduct climate change research around the globe from the deserts and highlands of Peru throughout the Andes, to the diminishing glaciers of Greenland onto the summit of Greenland, throughout the Himalayas and the Tibetan Plateau, across the vast Antarctic continent, to the rocky shores of Maine. The fact that CCI is one of the oldest climate change research institutes in the world is a great credit to the University of Maine and CCI's founders.



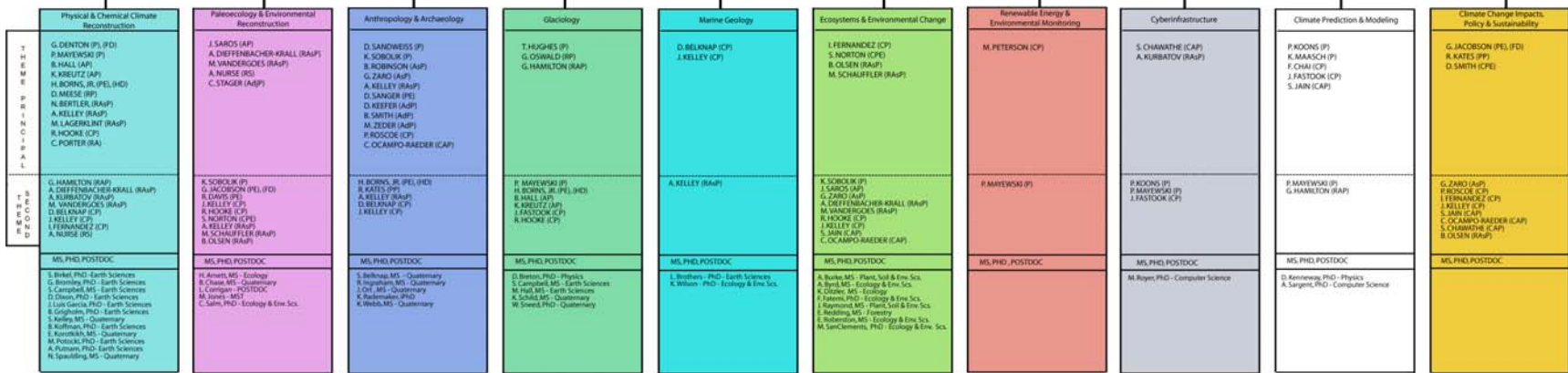


ORGANIZATIONAL CHART

REVISED
7/16/2010



RESEARCH THEMES



Legend	
P - Professor	CAP - Cooperating Associate Professor
AP - Associate Professor	CAP - Cooperating Assistant Professor
AD - Assistant Professor	CP - Cooperating Professor Emeritus
PE - Professor Emeritus	RS - Research Scientist
PP - Presidential Professor	SA - Research Associate
RP - Research Professor	RA&P - Adjunct Professor
RA&P - Research Associate Professor	AB - Artist in Residence
RA&P - Research Assistant Professor	HD - Honorary Director
CP - Cooperating Professor	FD - Former Director

Strong disciplinary linkages and shared faculty appointments exist between the Climate Change Institute and the following University of Maine units: Earth Sciences, Anthropology, Ecology and Environmental Sciences, Mechanical Engineering, Computer Science, Civil and Environmental Engineering, Biology and Ecology, Marine Sciences, and LAAST.

CCI researchers have extensive field experience and expertise to tackle critical, complex issues related to climate change and human adaptations to changing climates. These issues are extremely challenging, but they are particularly well suited to the character of the Institute. Physical and chemical climate change issues are deeply embedded within the fabric of local to global scale concerns over economy, health, and overall quality of life. Climate change is inevitable, but how much and its impact will define our reality and opportunities in the future. CCI's mission continues to evolve as its researchers probe further into the complexities and implications of Earth's changing climate. The Institute provides unique scientific products including:

Long-term Perspective in the form of records of past climate (ice cores, lacustrine cores, glacial deposits, human adaptation) from around the world.

Climate Prediction and Planning from local to global and long term to abrupt scales through highly detailed and innovative analysis of climate records within climate modeling perspectives.

Positive Policy Implications such as environmental and renewable energy planning founded on sound science.

Technological Advances in environmental monitoring, processing and analyses of archives containing physical and chemical climate information, and cyberinfrastructure needed to interpret climate data.

Summary of Accomplishments (FY2010)

Research Grant Submissions – submitted in FY2010 – to cover period 2010 - 2013

Research grant submissions for the Climate Change Institute totaled **\$35,363,245** for fiscal year 2010. This total reflects **115** submissions (includes new, supplemental, continuation, and pre-proposal submissions); and is exclusive of EPSCOR proposals that include Institute faculty participation.



New Research Grant Submission Awards – FY2010

New research grant submissions (includes new, supplemental and continuation awards) awarded to the Climate Change Institute total **\$13,817,910** (63 grants).

Pending Research Grants Submissions – FY2010

Research grant submissions pending for the Climate Change Institute total **\$18,264,798** (43 grants) covering FY2010 – FY2013.

Declined/Withdrawn Research Grant Submissions – FY2010

Research grant awards declined for the Climate Change Institute totaled **\$3,280,537** (9 grants) during FY2010.

Percent Success Rate by all CCI Grant Writers for Research Grant Submissions – FY2010

Climate Change Institute faculty and staff were **87.5% successful** in obtaining grant awards during FY2010.

Funds via E&G and MEIF – FY2010

E&G funding for salaries* (minus fringe) totals: \$614,103
E&G funding for operating totals: \$16,580

MEIF funding for salaries* (minus fringe) totals: \$488,144
MEIF funding for operating totals: \$28,350

TOTAL E&G and MEIF FUNDING: **\$1,147,177**

*Note – The vast majority of these salaries support tenure track faculty who teach courses in academic departments.

Return on Investment (ROI) for CCI – E&G and MEIF

FY2009 Research Grants <i>(includes only faculty supported by E&G and MEIF)</i>		FY2010 Research Grants <i>(includes only faculty supported by E&G and MEIF)</i>	
FY2009 Research Grants Total	\$7,821,271	FY2010 Research Grants Total	\$11,247,073
FY2010 E&G and MEIF Funding:	\$1,093,160	FY2010 E&G and MEIF Funding:	\$1,147,177
ROI = CCI return on investment is \$7.16 dollars per \$1 invested in MEIF and E&G		ROI = CCI return on investment is \$9.80 dollars per \$1 invested in MEIF and E&G	

The table below includes all Climate Change Institute grant writers who receive E&G and or MEIF funds through CCI.

CCI Faculty/Staff	Grant Award Total FY2010	Number of Grants
Dieffenbacher-Krall	728,717	2
Denton, George	1,164,130	9
Hall, Brenda	1,025,509	5
Hamilton, Gordon	1,435,906	7
Koons, Peter	2,151,599	4
Kreutz, Karl	287,336	2
Kurbatov, Andrei	407,668	1
Mayewski, Paul	3,197,425	5
Saros, Jasmine	848,783	9
# of Grant Writers = 9		
TOTAL	\$11,247,073	44

The **average amount raised by each CCI grant writer** (9) supported by MEIF and/or E&G was **\$1,249,675** in FY2010.

Major Awards and Recognition:

Twelve major awards and recognitions (see page 15 of this report for details) were given to CCI faculty this year; maintaining CCI's high national and international standard of excellence.

Research Expeditions:

CCI takes great pride in its international reputation for research expeditions. All CCI graduate students are involved in at least one research expedition, many several, during their graduate career. Students provide daily logs as part of CCI's outreach. CCI



undertook 44 expeditions this past year for details:
<http://www.climatechange.umaine.edu/research/expeditions>

Mentoring

A total of 40 graduate students are associated with the Institute, 19 are PhD students. Research grants support 30 of the graduate students.

Summary of Faculty Publications – FY2010

PUBLICATION TYPE	FY2010	FY 2009	FY 2008
Publications/Abstracts/Books/Book Chapters/Journal Articles/Posters/Proceedings/Technical Reports	218	267	169
Presentations: International/National/Regional/State Local	140	137	152

Goals for Next Year (FY2011)

The Institute’s goals for next year are to provide:

- (1) *Long-Term Climate Change Perspective* in the form of records of past climate from around the world.

This goal is based on the continuation of the Institute’s greatest legacy. Institute researchers have current and pending proposals for the collection of such records from throughout the world.

- (2) *Climate Prediction and Planning* from local to global and long term to abrupt scales.

Institute researchers have a long history of developing innovative modeling (ice sheet, climate, ocean, biochemical) achievements that have contributed to the understanding of, for example: ice sheet instability, sea level rise, and impact of iron fertilization on carbon sequestration. CCI has also made major strides in monitoring recent changes in the dynamics of the Greenland and Antarctic ice sheets. CCI is also taking a lead role in a variety of data collection and climate modeling activities that relate to past, current and projected changes in Antarctic climate and consequences for the Southern Hemisphere. CCI ran an international conference in June 2010 dedicated to organizing a multi-national effort addressing polar to tropical connections in climate change and will be leading a synthesis report plus several related field programs. The initiative



(PTC – Polar to Tropical Connections) is under the auspices of the Scientific Committee on Antarctic Research and includes climate change modelers from Brazil, Chile, New Zealand, Switzerland and several US institutions (New York University, University of Nebraska-Lincoln), Oak Ridge National Lab, Ohio State University) plus CCI.

CCI recently hired a climate modeler post-doc to undertake regional scale climate modeling centered over Maine and the Northeast. One of the most immediate intended products is to increase predictive capability for the assessment of wind strength over the Gulf of Maine as an aid to locating off shore wind power regions that are currently efficient, will continue to be so in the future, and sites that are environmentally suitable and sustainable. CCI has been a leader in assessing the state of major wind systems such as the Northern and Southern Hemisphere circumpolar westerlies. Assessing the state of the former is crucial to the future of Maine's offshore wind power plans.

- (3) *Technological Advances* in environmental monitoring, processing and analyses of archives containing physical and chemical climate information, and cyber infrastructure needed to interpret climate data.

CCI members Drs. Kurbatov and Chawathe continue to produce with several graduate students a series of cyber infrastructure activities developed to gather, synthesize, and interpret past and modern climate data (<http://www.icereader.org/icereader/>, <http://climatechange.umaine.edu/Research/software/icd.html>, <http://www.umcs.maine.edu/~chaw/p301/>).

CCI in collaboration with LAAST continues transformational development of equipment supported by W.M. Keck Foundation.

Challenges and Solutions

CCI has maintained its world class, cutting edge status as a climate change research facility. Notably it has continued:

- (a) To contribute substantially to the University's profile and federal funding,
- (b) To maintain a high level of return on investment by the University and the State,
- (c) To maintain an amazingly high level of proposal success rate in the most competitive federal funded agencies,
- (d) To demonstrate impressive success with private foundations such as the highly competitive W.M. Keck Foundation,



(e) To undertake a highly active endowment and gift seeking collaboration with the University Development Office that included the first ever UM Alumni expedition to Antarctica (February 2009) and an expedition to Greenland for alumni in August 2010 plus numerous events and presentations for and with the Development Office, Alumni Office, and the University Foundation.

CCI is operating at a remarkably high level of productivity. It can only further expand its success with the addition of new researchers in the form of post-docs, research faculty and tenure track faculty.

FULL ROSTER OF CLIMATE CHANGE INSTITUTE FACULTY/STAFF

Last Name	First Name	Position in Research Unit	Home (Institute/Acad Dept)
Addessi	Becky	Manager of Funded Accounts	Climate Change Institute
Belknap	Daniel	Cooperating Professor	Earth Sciences/Climate Change Institute
Bertler	Nancy	Research Assistant Professor	Climate Change Institute
Borns	Harold	Professor Emeritus of Geological Sciences and Climate Change Institute	Earth Sciences/Climate Change Institute
Chai	Fei	Cooperating Associate Professor	School of Marine Sciences/Climate Change Institute
Chawathe	Sudarshan	Cooperating Associate Professor	Computer Science/Climate Change Institute
Davis	Ronald	Professor Emeritus of Biology and Quaternary Studies	Biological Sciences/Climate Change Institute
Denton	George	Professor of Geological Sciences	Earth Sciences/Climate Change Institute
Dieffenbacher-Krall	Ann	Assistant Research Professor	Climate Change Institute/Biological Sciences
Fastook	James	Cooperating Professor	Computer Science/Climate Change Institute
Fernandez	Ivan	Cooperating Professor	Dept. of Plant, Soil & Environmental Sciences/Climate Change Institute/Climate Change Institute/Earth Sciences
Hall	Brenda	Associate Professor of Glacial and Quaternary Geology	Climate Change Institute/Earth Sciences
Hamilton	Gordon	Research Associate Professor	Climate Change Institute
Handley	Michael	Laboratory Manager - Inorganic Chemistry	Climate Change Institute/Sawyer Env. Chem. Research Lab.
Holweger	Paul	Research Assistant	Climate Change Institute
Hooke	Roger	Cooperating Professor	Climate Change Institute
Hoyle	Gary	Artist in Residence	Climate Change Institute
Hughes	Terence	Professor of Quaternary Studies	Earth Sciences/Climate Change Institute
Introne	Douglas	Stable Isotope Technician	Climate Change Institute
Jacobson	George	Professor Emeritus of Quaternary Studies	Botany/Climate Change Institute
Jain	Shaleen	Cooperating Assistant Professor	Civil & Environmental Engineering/Climate Change Institute
Kates	Robert	Presidential Professor of Sustainability Science	Climate Change Institute/Senator George J. Mitchell Center for Environmental and Watershed Research
Keefer	David	Adjunct Professor	Climate Change Institute
Kelley	Alice	Research Assistant Professor	Earth Sciences/Climate Change Institute
Kelley	Joseph	Cooperating Professor	Earth Sciences/Climate Change Institute
Kellogg	Thomas	Professor Emeritus of Quaternary Studies	Earth Sciences/Climate Change Institute
Koons	Peter	Associate Professor	Earth Sciences/Climate Change Institute
Kreutz	Karl	Associate Professor	Climate Change Institute/Earth Sciences
Kurbatov	Andrei	Assistant Research Professor	Climate Change Institute
Lagerklint	Ingrid	Research Assistant Professor	Climate Change Institute
Lee	Betty	Financial & Outreach Manager	Climate Change Institute
Maasch	Kirk	Professor of Climate Change Institute and Earth Sciences	Climate Change Institute/Earth Sciences
Mayewski	Paul	Director/Professor of Climate Studies	Climate Change Institute/Earth Sciences
Meese	Debra	Research Professor	Climate Change Institute
Norton	Stephen	Cooperating Professor Emeritus	Earth Sciences/Climate Change Institute
Nurse	Andrea	Research Scientist	Climate Change Institute



FULL ROSTER OF CLIMATE CHANGE INSTITUTE FACULTY/STAFF - continued

Last Name	First Name	Position in Research Unit	Home (Institute/Acad Dept)
Ocampo-Raeder	Constanza	Cooperating Assistant Professor	Anthropology/Climate Change Institute
Olsen	Brian	Research Assistant Professor	School of Biology & Ecology/Climate Change Institute
Oswald	Gordon	Research Professor	Climate Change Institute
Peterson	Michael	Cooperating Professor	Department of Mechanical Engineering/Climate Change Institute
Porter	Charles	Research Associate	Climate Change Institute
Robinson	Brian	Assistant Professor of Quaternary and Climate Studies	Anthropology/Climate Change Institute
Roscoe	Paul	Cooperating Professor	Anthropology/Climate Change Institute
Sandweiss	Daniel	Professor	Dean & Provost for Graduate Studies - Anthropology/Climate Change Institute
Sanger	David	Professor Emeritus of Anthropology and Quaternary Studies	Anthropology/Climate Change Institute
Saros	Jasmine	Associate Professor	Climate Change Institute/Biological Scs.
Schauffler	Molly	Research Assistant Professor	Climate Change Institute
Smith	Bruce	Adjunct Professor	Climate Change Institute
Sneed	Sharon	Laboratory Coordinator	Climate Change Institute
Sobolik	Kristin	Professor/Associate Director	Anthropology/Climate Change Institute
Sorg	Marcella	Research Associate Professor	Climate Change Institute/Anthropology/Margaret Chase Smith Policy Center
Stager	J.Curt	Adjunct Professor	Climate Change Institute
Vandergoes	Marcus	Assistant Research Professor	Climate Change Institute
Zaro	Gregory	Assistant Professor of Anthropology & Climate Change	Anthropology/Climate Change Institute
Zeder	Melinda	Adjunct Professor	Climate Change Institute



CLIMATE CHANGE INSTITUTE E&G & MEIF FUNDED POSITIONS

Note: The Climate Change Institute faculty/staff roster numbers 55 people. Only those with CCI MEIF or CCI E&G support are listed here.

E&G		Grant Home
Faculty & Staff		
Dieffenbacher-Krall, Ann	Assistant Research Professor (25%)	CCI
Denton, George	Libra Professor, Climate Change Institute & Earth Sciences (74%)	CCI
Hall, Brenda	Associate Professor, Climate Change Institute & Earth Sciences (70%)	CCI
Hughes, Terence	Professor, Climate Change Institute & Earth Sciences (55%)	CCI
Kreutz, Karl	Associate Professor, Climate Change Institute & Earth Sciences (100%)	CCI
Maasch, Kirk	Professor, Climate Change Institute & Earth Sciences (50%)	CCI
Robinson, Brian	Assistant Professor, Climate Change Institute & Anthropology (65%)	CCI
Saros, Jasmine	Associate Professor, Climate Change Institute & Biological Sciences (49.2%)	CCI
Sobolik, Kristin	Professor, Climate Change Institute & Anthropology (50%)	ANT
Zaro, Gregory	Assistant Professor, Climate Change Institute and Anthropology (50%)	CCI
Staff (not grant writers)		
Addessi, Rebecca	Account Manager (100%)	
Lee, Betty	Financial & Outreach Manager (100%)	

MEIF		Grant Home
Faculty & Staff		
Dieffenbacher-Krall, Ann	Assistant Research Professor (12.5%)	CCI
Hamilton, Gordon	Associate Research Professor (43.49%)	CCI
Mayewski, Paul	Professor of Climate Change Institute (100%)	CCI
Koons, Peter	Professor, Climate Change Institute & Earth Sciences (24.04%)	ERS
Kurbatov, Andrei	Assistant Research Professor (50%)	CCI
Saros, Jasmine	Associate Professor, Climate Change Institute & Biological Sciences (50.8%)	CCI
Staff (not grant writers)		
Holweger, Paul	Research Assistant (100%)	
Introne, Douglas	Stable Isotope Laboratory Manager (100%)	



RESEARCH, SCHOLARSHIP, & CREATIVITY

Special Recognitions/Awards/Honors Received for Research, Scholarship, Creativity during the past year

Chawathe, Sudarshan S.	I was invited, as one of only three speakers in an international panel, to speak at a major symposium held to mark the beginning of construction of the Bogota (Colombia) Metro. This symposium was attended by not only academics, researchers, and practitioners interested in public transportation, and transportation in general, but also by prominent members of the government and administrative units in Bogotá, notably the mayor of Bogotá and the governor of Cudinamarca (the region around Bogotá).
Dieffenbacher-Krall, Ann	In recognition of my work on chironomid-climate transfer functions for Southern Patagonia, I was requested to present as an "invited author" at the August 2010 AGU Meeting of the Americas in Brazil. I have been invited to present a workshop on statistical analysis of environmental data by GNS Science, New Zealand, in January 2011.
Hall, Brenda	Chosen as U.S. Representative to the Scientific Committee on Antarctic Research by the Polar Research Board of the National Academy of Sciences Featured scientific story on National Science Foundation website
Kelley, Joseph	Board Member, Penobscot Valley Chapter of Maine Audubon Society 2010- present. Research Fellow, Program for the Study of Developed Shorelines Western Carolina University, 2010-present
Mayewski, Paul	(1) The Seligman Crystal - awarded every 2 or more years by the International Glaciological Society. It is the highest award in the field of glaciology. It was awarded officially in late May 2010 in Tromso, Norway. (2) Maine Distinguished Professor 2010. (3) Recognition by the International Polar Year Committee for research contributions made during the IPY.
Olsen, Brian	Graduate Mentor Award
Roscoe, Paul B.	Presidential Research and Creative Achievement Award, University of Maine

PUBLICATIONS: ABSTRACTS/BOOKS/BOOK CHAPTERS/JOURNAL ARTICLES/ POSTER/PROCEEDINGS/TECHNICAL REPORTS

Name	Type	Status	Citation	Refereed	Category	GS	US
Belknap, Daniel F.	Journal Article	Published	Wilson, K.R., Kelley, J.T., Croitoru, A., Dionne, M., Belknap, D.F. and Steneck, R.S., 2009, Stratigraphic and ecophysical characterizations of salt pools: dynamic features of the Webhannet Estuary salt marsh, Wells, Maine, USA: Estuaries and Coasts, v. 32, no. 5, p. 855-870. DOI 10.1007/s12237-009-9203-7. August 4. Impact Factor 1.56. http://www.erf.org/estuaries-coasts	Yes	Basic	1	0
Belknap, Daniel F.	Journal Article	Published	Sandweiss, D.H., Kelley, A.R., Belknap, D.F., Kelley, J.T., Rademaker, K. and Reid, D.A., 2010, GPR identification of an early monument at Los Morteros in the Peruvian coastal desert: Quaternary Research, v. 73, p. 439-448. DOI: 10.1016/j.yqres.2010.03.002. May. Impact Factor 2.457. http://www.elsevier.com/wps/find/journaldescription.cws_home/622937/description#description1	Yes	Basic	1	1
Belknap, Daniel F.	Journal Article	Accepted	Kelley, J.T., Belknap, D.F. and Claesson, S., 2010 in press, Drowned coastal deposits with associated archaeological remains from a sea-level "slowstand": Northwestern Gulf of Maine, USA: Geology, v. , p. 5-yr Impact Factor 4.212. http://prxy4.ursus.maine.edu:2311/	Yes	Basic	0	0
Belknap, Daniel F.	Journal Article	Accepted	Wilson, K.R., Kelley, J.T., Tanner, B.R. and Belknap, D.F., 2010 in press, Probing the origins and stratigraphic signature of salt pools from north-temperate marshes in Maine, U.S.A.: Journal of Coastal Research, v. , p. . Impact Factor 0.517 http://www.jcronline.org/	Yes	Basic	1	0
Belknap, Daniel F.	Journal Article	Published	Brothers, L.L., Kelley, J.T., Maynard, M.L., Belknap, D.F. and Dickson, S.M., 2010, Development in the Gulf of Maine: avoiding geohazards and embracing opportunities: Maine Policy Review, V. 19, No. 1, p. 46-57. Winter/Spring. http://mcpolicycenter.umaine.edu/?q=MPRcurrent-issue		Applied	1	0
Belknap, Daniel F.	Abstract	Published	Belknap, D.F., 2009, Geological preservation potential of coastal and submerged archaeological sites: Geological Society of America Abstracts with Programs, v. 41, no. 7, A23-1, p. 75. Annual Meeting, Portland, OR, October 18-21, 2009. http://www.geosociety.org/meetings/searchabstracts.htm	Yes	Basic	0	0
Belknap, Daniel F.	Abstract	Published	Leach, P.A. and Belknap, D.F., 2009, Multiple phases in the marine transgression of coastal archaeological sites in Maine and Delaware: Geological Society of America Abstracts with Programs, v. 41, no. 7, A23-7, p. 76. Annual Meeting, Portland, OR, October 18-21, 2009. http://www.geosociety.org/meetings/searchabstracts.htm	Yes	Basic	0	0
Belknap, Daniel F.	Abstract	Published	Kelley, J.T., Belknap, D.F., and Claesson, S., 2009, Drowned archaeological site potential in the western Gulf of Maine: Geological Society of America Abstracts with Programs, v. 41, no. 7, A48-3, p. 156. Annual Meeting, Portland, OR, October 18-21, 2009. http://www.geosociety.org/meetings/searchabstracts.htm	Yes	Basic	0	0
Belknap, Daniel F.	Abstract	Published	Brothers, L.L., Kelley, J.T., Belknap, D.F., Barnhardt, W.A. and Andrews, B.D., 2009, Pockmarks and shallow natural gas: threats to offshore infrastructure development: Geological Society of America Abstracts with Programs, v. 41, no. 7, A179-10, p. 474. Annual Meeting, Portland, OR, October 18-21, 2009. http://www.geosociety.org/meetings/searchabstracts.htm		Basic	1	0
Belknap, Daniel F.	Abstract	Published	Brothers, L.L., Kelley, J.T., Belknap, D.F., Koons, P.O. and Barnhardt, W.A., 2010, Pockmarks: self-scouring mud landforms?: Geological Society of America Abstracts with Programs, v. 42, no. 1, A6-4, p. 60. NE-SE Joint Section Meeting, Baltimore, MD, March 13-17, 2010. http://www.geosociety.org/meetings/searchabstracts.htm	Yes	Basic	1	0
Belknap, Daniel F.	Abstract	Published	Kelley, J.T., Belknap, D.F., Brothers, L.L. and Clarke, J.H., 2010, Somes Sound: pockmarks in a fjord-like embayment surrounded by Acadia National Park: Geological Society of America Abstracts with Programs. v. 42. no.	Yes	Basic	1	0



			1, A31-10, p. 103. NE-SE Joint Section Meeting, Baltimore, MD, March 13-17, 2010 http://www.geosociety.org/meetings/searchabstracts.htm					
Belknap, Daniel F.	Abstract	Published	Belknap, D.F., Kelley, J.T., Cooper, J.A.G., Jackson, D.W.T., and McKenna, J., 2010, Comparison of glaciomarine seismic stratigraphy of the northwestern Irish coast with coastal Maine, USA: Geological Society of America Abstracts with Programs, v. 42, no. 1, A46-6, p. 127. NE-SE Joint Section Meeting, Baltimore, MD, March 13-17, 2010. http://www.geosociety.org/meetings/searchabstracts.htm	Yes	Basic	0	0	
Belknap, Daniel F.	Abstract	Published	Wilson, K.R., Kelley, J.T., Belknap, D.F., Hamilton, G.S. and Loftin, C.S., 2010, Are Maine's salt marshes drowning? Salt pools as dynamic drivers of Surficial change for six Maine salt marshes: Geological Society of America Abstracts with Programs, v. 42, no. 1, A48-4, p. 129-130. NE-SE Joint Section Meeting, Baltimore, MD, March 13-17, 2010. http://www.geosociety.org/meetings/searchabstracts.htm	Yes	Basic	1	0	
Belknap, Daniel F.	Abstract	Submitted	Wilson, K.R., Kelley, J.T., Reeve, A.S., and Belknap, D.F., 2010, Does groundwater flow control surficial salt marsh pool morphology? A case study from Grand Marsh, Gouldsboro, ME: New England Estuarine Research Society, Spring Meeting, St. Andrews-by-the-Sea, New Brunswick, Canada, 13-16 May, 2010. http://www.neers.org/main/meetings/meetingindex.htm			1	0	
Chai, Fei	Journal Article	Published	Xiu, P. and F. Chai (2010): Modeling the effects of size on patch dynamics of an inert tracer. Ocean Science, 6, 1-9.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Xiu, P, F. Chai, L. Shi, H. Xue, Y. Chao (2010): A census of eddy activities in the South China Sea during 1993-2007. Journal of Geophysical Research, Vol. 115, C03012,doi:10.1029/2009JC005657.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Fujii, M. and F. Chai (2009): Influences of initial plankton biomass and mixed-layer depths on the outcome of iron-fertilization experiments. Deep-Sea Research II, doi:10.1016/j.dsr2.2009.07.007.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Xiu, P., Y. Liu, G. Li, Q. Xu, Z. Rong, X. Yin, F. Chai (2009): Deriving depths of deep chlorophyll maximum and water inherent optical properties: A regional model. Continental Shelf Research, 29, 2270-2279.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Zhang, W-Z, H. Hong, S. Shang, X. Yan, F. Chai (2009): Strong southward transport events due to typhoons in the Taiwan Strait. Journal of Geophysical Research, 114, C11013, doi:10.1029/2009JC005372.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Chai, F. G. Liu, H. Xue, L. Shi, Y. Chao, C-T Tseng, W-C Chou, and K-K Liu (2009): Seasonal and Interannual Variability of Carbon Cycle in South China Sea: a Three-Dimensional Physical-Biogeochemical Modeling Study. Journal of Oceanography, Vol. 65, pp. 703 to 720.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Fujii, M., F. Chai, L. Shi, H. Inoue, and M. Ishii (2009): Seasonal and interannual variability of carbon cycling in western and central tropical-subtropical Pacific: a Physical-Biogeochemical Modeling Study. Journal of Oceanography, Vol. 65, pp. 689-701.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Bidigare, R.R., F. Chai, M. R. Landry, R. Lukas, C. Hannides, S. J. Christensen, D.M. Karl, L.Shi and Y. Chao (2009): Subtropical ocean ecosystem structure changes forced by North Pacific climate variations. Journal of Plankton Research, Vol. 31, No. 10, 1131-1139.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Kueh, Mien-Tze, Chung-Hsiung Sui, Kon-Kee, Liu, and Fei Chai (2010): On the Upper Ocean Thermal Structure in a Western North Pacific Ocean Model: Model Evaluation and Sensitivity Study. Terr. Atmos. Ocean. Sci., Vol. No. 1, xxxx-xxxx, February 2010. Doi:10.3319/TAO.2009.06.03.01.	Yes	Basic	0	0	
Chai, Fei	Journal Article	Published	Liu, G., H. Li, H. Wang, F. Chai (2010): Review on the Ecological Dynamics Studies of Green Tide. Advances in Earth Science, Vol. 25, No. 2, Feb. 2010.	Yes	Basic	0	0	

Chai, Fei	Journal Article	Accepted	Brzezinski, M.A., S.B. Baines, W.M. Balch, C.P. Beucher, F. Chai, R.C. Dugdale, J.W. Krause, M.R. Landry, A. Marchi, C. Measures, D.M. Nelson, A. Parker, A. Poulton, K. Selph, P. Strutton, A. Taylor, B. Twining (2010): Co-limitation of diatoms by iron and silicic acid in the equatorial Pacific. Deep Sea Res. II, in press.	Yes	Basic	0	0
Chai, Fei	Journal Article	Accepted	Dugdale, R.C., F. Chai, R. Feely, C. Measures, A. Parker, F. Wilkerson (2010): The regulation of equatorial Pacific new production and pCO ₂ by silicate-limited diatoms. Deep Sea Res. II, in press.	Yes	Basic	0	0
Chai, Fei	Journal Article	Accepted	Palacz, A., F. Chai, R.C. Dugdale, C.I. Measures (2010): Estimating iron and aluminum removal rates in the eastern equatorial Pacific Ocean using a box model approach. Deep Sea Res. II, in press.	Yes	Basic	1	0
Chawathe, Sudarshan S.	Proceedings	Published	Effective Whitelisting for Filesystem Forensics. Sudarshan S. Chawathe. In Proceedings of the 7th IEEE Intelligence and Security Informatics Conference (ISI), Richardson, Texas, June 2009. http://cs.umaine.edu/~chaw/pubs/	Yes		0	0
Chawathe, Sudarshan S	Proceedings	Published	Low-Latency Indoor Localization Using Bluetooth Beacons Sudarshan S. Chawathe. In Proceedings of the 12th International IEEE Conference on Intelligent Transportation Systems (ITSC), St. Louis, Missouri, October 2009. http://cs.umaine.edu/~chaw/pubs/	Yes		0	0
Denton, George	Journal Article	Published	Schaefer, J.M., Denton, G.H., Kaplan, M., Putnam, A.,E. et al., 2009, High-frequency Holocene glacier fluctuations in New Zealand differ from the northern signal. Science 324, 622-625.	Yes	Basic	1	0
Denton, George	Journal Article	Published	Cheng, H., Edwards, R.L., Broecker, W.S., Denton, G.H., Kong, X., Wang, Y., Zhang, R., Wang, X., 2009, Ice-age terminations. Science 326, 248-252.	Yes	Basic	0	0
Denton, George	Journal Article	Accepted	Denton, G.H., Anderson, R.F., Toggweiler, J.R., Edwards, R.L., Schaefer, J.M., Putnam, A.E., 2010, The last glacial termination. Science.	Yes	Basic	1	0
Denton, George	Journal Article	Accepted	Putnam, A.E., Schaefer, J.M., Barrell, D.J.A., Vandergoes, M., Denton, G.H., Kaplan, M.R., Finkel, R.C., Schwartz R., Goehring, B.M., and Kelley, S.E., 2010, In situ cosmogenic ¹⁰ Be production-rate calibration from the Southern Alps, New Zealand. Quaternary Geochronology. doi:10.1016/j.quageo.2009.12.001	Yes	Basic	2	0
Denton, George	Journal Article	Published	Broecker, W.S., Denton, G.H., Edwards, R.L., Cheng, H., Alley, R.B., and Putnam, A.E., 2010, Putting the Younger Dryas event into context, Quaternary Science Reviews 29, 1078-1081.	Yes	Basic	1	0
Denton, George	Journal Article	Accepted	Hall, B.L., Baroni, C., and Denton, G.H., 2010, Relative sea-level changes, Schuchert Dal, East Greenland, with implications for ice extent in late-glacial and Holocene times. Quaternary Science Reviews. doi:10.1016/j.quascirev.2010.03.013	Yes	Basic	0	0
Denton, George	Journal Article	Accepted	Hall, B.L., Koffman, T., and Denton, G.H., 2010, Reduced ice extent on the western Antarctic Peninsula during the Medieval Warm Period. Geology, in press.	Yes	Basic	1	0
Dieffenbacher-Krall, Ann	Journal Article	Accepted	Zink, K.-G., M.J. Vandergoes, K. Mangelsdorf, A.C. Dieffenbacher-Krall, and L. Schwark. Accepted. Application of bacterial glycerol dialkyl glycerol tetraethers (GDGTs) to develop modern and past temperature estimates from New Zealand lakes. Organic Geochemistry, IMOG 2009 Special Issue.	Yes		0	0
Fastook, James L.	Journal Article	Submitted	A Sargent and J L Fastook, Manufactured analytical solutions for isothermal full-Stokes ice sheet models, submitted to CRYOSPHERE	Yes		1	0
Fastook, James L.	Book Chapter	Published	T Arbetter, R Arthern, C Barbante, R Bargagli, D Bergstrom, N Bertler, R Bindshadler, J Bockheim, C Boutron, D Bromwich, S Chown, A Clarke, J Comiso, P Convey, A Cook, G di Prisco, E Fahrbach, J Fastook, A Fleming, M Gugliemini, J Gutt, H Hellmer, F Hennion, K Heywood, D Holland, A Huiskes, A Jenkins, A Jones, A Lenton, D Hodson, S Hong, S Jacobs, K Linse, G Marshall, P Mavewski, M Meredith, N Metzler, A Monaghan, A Naveira-	Yes		0	0



			Garabato, S Rintoul, H Roscoe, J Shanklin, T Scambos, M Sparrow, K Speer, M Stevens, C Summerhayes, J Turner, K van der Veen, D Vaughan, C Verde, Z Wang, D Webb, P Woodworth, T Worby, R Worland, and T Yamanouchi. Observations, data accuracy and tools. In J Turner and R Bindschadler, editors, Antarctic Climate Change and the Environment, chapter 2, pages 33–114. Scientific Committee on Antarctic Research, Scott Polar Research Institute, Lenseld Road, Cambridge, UK, 2009.			
Fastook, James L.	Book Chapter	Published	B Adams, R Arthern, A Atkinson, C Barbante, R Bargagli, D Bergstrom, N Bertler, R Bindschadler, J Bockheim, C Boutron, D Bromwich, S Chown, J Comiso, P Convey, A Cook, G di Prisco, E Fahrbach, J Fastook, J Forcarda, JM Gili, M Gugliemin, J Gutt, H Hellmer, F Hennion, K Heywood, D Hodgson, D Holland, S Hong, A Huiskes, E Isla, S Jacobs, A Jones, A Lenton, G Marshall, P Mayewski, M Meredith, N Metzl, A Monaghan, A Naveira-Garabato, K Newsham, C Orejas, L Peck, H-O Portner, S Rintoul, S Robinson, H Roscoe, S Rossi, T Scambos, J Shanklin, V Smetacek, K Speer, M Stevens, C Summerhayes, P Trathan, J Turner, K van der Veen, D Vaughan, C Verde, D Webb, C Wiencke, P Woodworth, T Worby, R Worland, and T Yamanouchi. The instrumental period. In J Turner and R Bindschadler, editors, Antarctic Climate Change and the Environment, chapter 4, pages 183–297. Scientific Committee on Antarctic Research, Scott Polar Research Institute, Lenseld Road, Cambridge, UK, 2009.	Yes	0	0
Fastook, James L.	Proceedings	Published	J L Fastook, J W Head, D Marchant, and F Forget. Glacial flow modeling on mars. In Portland GSA Annual Meeting (18-21 October), 2009.		0	0
Fastook, James L.	Proceedings	Published	J L Fastook. Answering the call: The dilemma of resolution: How good is good enough: A case study from greenland. In West Antarctic Ice Sheet Initiative Workshop, 2009.		0	0
Fastook, James L.	Proceedings	Published	J L Fastook. The dilemma of resolution: How good is good enough: A case study from Greenland. In Fall AGU (Dec 14-18), 2009.		0	0
Fastook, James L.	Proceedings	Published	J L Fastook, J W Head, JB Madeleine, F Forget, and D Marchant. Modeling an ice-rich lobate debris apron in deuterionilus. Lunar and Planetary Science XXXXI, #1823, 2010.		0	0
Fernandez, Ivan	Journal Article	Accepted	Nelson, S.J., I.J. Fernandez, and J.S. Kahl. 2010. A review of mercury concentration and deposition in snow in eastern temperate North America. Hydrolog. Proc. 24:(in press).	Yes	0	0
Fernandez, Ivan	Journal Article	Accepted	Sarah E. Godsey, Wenche Aas, Thomas A. Clair, Heleen A. de Wit, Ivan J. Fernandez, J. Steve Kahl, Iain A. Malcolm, Colin Neal, Margaret Neal, Sarah J. Nelson, Stephen A. Norton, Marisa C. Palucis, Brit Lisa Skjelkvåle, Chris Soulsby, Doerthe Tetzlaff, and James W. Kirchner. 2010. Generality of fractal 1/f scaling in catchment tracer time series and its implications for catchment travel time distributions. Hydrological Processes 24: (in press).	Yes	0	0
Fernandez, Ivan	Journal Article	Submitted	Goodale, C.L., R. Q. Thomas, F. Dentener, M.B. Adams, J.S. Baron, B.A. Emmett, C. D. Evans, I. J. Fernandez, P. Gundersen, F. Hagedorn, G. M. Lovett, A. Kulmatiski, S. G. McNulty, A.M. Melvin, F. Moldan, S. V. Ollinger, P. Schleppei, and M. S. Weiss. Nitrogen deposition and forest carbon sequestration: a quantitative synthesis from plot to global scales. Global Change Biology (submitted).	Yes	0	0
Fernandez, Ivan	Journal Article	Published	Dail, David Bryan, David Y. Hollinger, Eric A. Davidson, Ivan J. Fernandez, Herman C. Sievering, Neal A. Scott, and Elizabeth Gaige. 2009. Distribution of nitrogen-15 tracers applied to the canopy of a mature spruce-hemlock stand, Howland, Maine, USA. Oecologia 160:589-599.	Yes	1	0
Fernandez, Ivan	Journal Article	Published	Bethers, Suzanne, Michael E. Day, G. Bruce Wiersma, Ivan J. Fernandez and J. Alexander Elvir. 2009. Effects of chronically elevated nitrogen and sulfur deposition on sugar maple saplings: nutrition, growth and physiology. For. Ecol. Manag. 258:895-902.	Yes	1	0
Fernandez, Ivan	Journal Article	Published	SanClements. Michael D.. Ivan J. Fernandez. and Stephen A. Norton. 2009. Mechanisms defining spatial patterns in	Yes	1	0



			P fractions in a forest lake watershed at Acadia National Park, Maine, USA. <i>For. Ecol. Manag.</i> 258:2318-2325.						
Fernandez, Ivan	Journal Article	Published	Evans, Chris D., Christine L. Goodale, Simon J.M. Caporn, Nancy B. Dise, Bridget A. Emmett, Ivan J. Fernandez, Chris D. Field, Stuart E.G. Findlay, Gary M. Lovett, Henning Meeseburg, Filip Moldan, and Lucy J. Sheppard. 2009. Does elevated nitrogen deposition or ecosystem recovery from acidification drive increased dissolved organic carbon loss from upland soil? A review of evidence from field nitrogen addition experiments. <i>Biogeochem.</i> 91:13–35.	Yes			0	0	
Fernandez, Ivan	Journal Article	Published	Navrátil, Tom, Jan Rohovec, Aria Amirbahman, Stephen A. Norton, and Ivan J. Fernandez. 2009. Amorphous aluminum hydroxide control on sulfate and phosphate in sediment-solution systems. <i>Water Air Soil Pollut</i> 210:87-98.	Yes			0	0	
Fernandez, Ivan	Book Chapter	Accepted	Amirbahman, Aria and Ivan J. Fernandez. 2010. Mercury in Soils. In: <i>Mercury in the Environment: Pattern and Process.</i> Michael S. Bank (ed.). University of California Press, Berkeley, CA. (in press).	Yes			0	0	
Fernandez, Ivan	Abstract	Published	Fatemi, Farrah R., Ivan J. Fernandez, Kevin S. Simon, D. Bryan Dail, and Lindsey E. Rustad. 2009. The Effect of Nutrient Availability On Soil Extracellular Enzyme Activity and CNP Dynamics.. (Paper 113-2). Presented at the ASA-CSSA-SSSA International Meetings. Pittsburgh, PA. November 1-4.. [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.				1	0	
Fernandez, Ivan	Abstract	Published	Burke, Andrea M., Ivan J. Fernandez, Aaron Weiskittel, and Robert Wagner. 2009. Predicting differences in forest stand nutrient uptake and removal: Potential effects of increased biomass removals for energy on long-term site sustainability. (Paper 346-10). Presented at the ASA-CSSA-SSSA International Meetings. Pittsburgh, PA. November 1-4. [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.				1	0	
Fernandez, Ivan	Abstract	Published	Fatemi, Farrah R., Ivan J. Fernandez, Kevin S. Simon, and D. Bryan Dail. 2009. Soil extracellular enzyme activities as indices of microbial nutrient limitation and soil CNP dynamics. <i>Soil Ecology Society Conference.</i> Burlington, Vermont. July 12-15.				1	0	
Fernandez, Ivan	Abstract	Published	SanClements, Michael D., Ivan J. Fernandez, Stephen A. Norton and Lindsey E. Rustad. 2009. Decadal responses in stream and soil Ca and Mg in an experimentally acidified watershed in the eastern United States. <i>BIOGEOMON</i> 2009. June 29-July 3. Helsinki, Finland.				1	0	
Fernandez, Ivan	Abstract	Published	Norton, Stephen A., Jirí Kopáček, Tomáš Navrátil, Ivan J. Fernandez, and Aria Amirbahman. 2009. Evolution of controls on phosphorus availability in aquatic ecosystems: peri-glacial to recent times. <i>BIOGEOMON</i> 2009. June 29-July 3. Helsinki, Finland.				0	0	
Fernandez, Ivan	Abstract	Published	Navrátil, T., S. A. Norton, and I. J. Fernandez. 2009. Seasonal and long-term variation of stream water chemistry at Bear Brook Watershed, Maine USA. <i>BIOGEOMON</i> 2009. June 29-July 3. Helsinki, Finland.				0	0	
Hall, Brenda	Journal Article	Published	Bromley, G., Schaefer, G., Winckler, G., Hall, B., Todd, C., and Rademaker, K., 2009. Relative timing of the last glacial maximum and late glacial events in the tropical Andes, <i>Quaternary Science Reviews</i> 28, 2514-2526.	Yes	Basic		2	0	
Hall, Brenda	Journal Article	Accepted	De Bruyn, M., Hall, B., Chauke, L., Baroni, C., Koch, P., and Hoelzel, A., 2009. Rapid response of a marine mammal species to Holocene climate and habitat change. <i>PLoS Genetics</i> 5, 1-11.	Yes	Basic		0	0	
Hall, Brenda	Journal Article	Published	Hall, B., 2009. Holocene glacial history of Antarctica and the subantarctic islands. <i>Quaternary Science Reviews</i> 28, 2213-2230.	Yes	Basic		0	0	
Hall, Brenda	Journal Article	Accepted	Todd, C., Stone, J., Conway, H., Hall, B., and Bromley, G., 2010. Late Quaternary evolution of Reedy Glacier, Antarctica. <i>Quaternary Science Reviews</i> , in press.	Yes	Basic		2	0	



Hall, Brenda	Journal Article	Accepted	Hall, B., Henderson, G., Baroni, C., and Kellogg, T., 2010. Constant Holocene Southern Ocean 14C reservoir ages and ice-shelf flow rates. <i>Earth and Planetary Science Letters</i> , in press.	Yes	Basic	0	0
Hall, Brenda	Journal Article	Accepted	Hall, B., Koffman, T., and Denton, G., 2010. Reduced ice extent on the western Antarctic Peninsula at 700-970 cal yr B.P. <i>Geology</i> , in press.	Yes	Basic	0	1
Hall, Brenda	Journal Article	Accepted	Hall, B., Baroni, C., and Denton, G., 2010. Relative sea-level changes, Schuchert Dal, East Greenland, with implications for ice extent in late-glacial and Holocene time. <i>Quaternary Science Reviews</i> , in press.	Yes	Basic	0	0
Hall, Brenda	Journal Article	Submitted	Hall, B., Denton, G., Fountain, A., Hendy, C., and Henderson, G., 2010. Antarctic lakes suggest millennial reorganizations of Southern Hemisphere atmospheric circulation. <i>PNAS</i> , submitted.	Yes	Basic	0	0
Hall, Brenda	Journal Article	Submitted	Hall, B., 2010. Holocene relative sea-level changes in the South Shetland Islands. <i>Global and Planetary Change</i> , submitted.	Yes	Basic	0	0
Hall, Brenda	Journal Article	Submitted	Burgess, S., Henderson, G., and Hall, B., 2010. Reconstructing Holocene conditions under the McMurdo Ice Shelf using Antarctic barnacle shells. <i>Earth and Planetary Science Letters</i> , submitted.	Yes	Basic	0	0
Hall, Brenda	Journal Article	Submitted	Bromley, G., Hall, B., Schaefer, J., Winckler, G., Todd, C., and Rademaker, K., 2010. Late glacial advance in the tropical Andes. <i>Journal of Quaternary Science</i> , submitted.	Yes	Basic	2	0
Hall, Brenda	Journal Article	Published	Bromley, G., Hall, B., Stone, J., Conway, H., and Todd, C., 2010. Late Cenozoic deposits at Reedy Glacier, Transantarctic Mountains: Implications for former thickness of the West Antarctic Ice Sheet. <i>Quaternary Science Reviews</i> 29, 384-398.	Yes	Basic	2	0
Hall, Brenda	Book Chapter	Submitted	Hall, B., 2010. Proglacial lakes. In Haritashya et al. (eds). <i>Encyclopedia of Snow, Ice, and Glaciers</i> . Springer-Verlag, Heidelberg, Germany, in review.	Yes	Basic	0	0
Hall, Brenda	Abstract	Published	Stone, J., Conway, H., Cowdery, S., Hall, B., and Bromley, G., 2009. Deglaciation of the Ross Sea: A view from Scott and Beardmore Glaciers. 16th Annual WAIS Meeting, Seattle, WA.		Basic	2	0
Hall, Brenda	Abstract	Submitted	Hall, B., Stone, J., Conway, H., Bromley, G., Todd, C., and Cowdery, S., 2010. Deglaciation of the Ross Sea: Implications for the behavior of the West Antarctic Ice Sheet and sea-level change. PALSEA Conference, Bristol, U.K.		Basic	2	0
Hamilton, Gordon	Journal Article	Published	Breton, D.J., & G.S. Hamilton. 2009. Design, optimization and calibration of an automated density gauge for firn and ice cores. <i>Journal of Glaciology</i> , 55(194), 1092-1100.	Yes	Basic	1	0
Hamilton, Gordon	Journal Article	Published	Straneo, F., G.S. Hamilton, D.A. Sutherland, L.A. Stearns & A. Rosing-Asvid. 2010. Rapid circulation of warm subtropical waters in a major glacial fjord in East Greenland. <i>Nature Geoscience</i> , 3, 182-186, doi:10.1038/ngeo764.	Yes	Basic	0	0
Hamilton, Gordon	Journal Article	Published	Spaulding, N.E., D.A. Meese, I. Baker, P.A. Mayewski and G.S. Hamilton. 2010. A new technique for firn grain-size measurement using SEM image analysis. <i>Journal of Glaciology</i> , 56(195), 12-19.	Yes	Basic	1	0
Hamilton, Gordon	Journal Article	Accepted	Andersen, M.L., T. Larsen, M. Nettles, P. Elosegui, D. van As, G.S. Hamilton, L.A. Stearns, J. Davis, A. Ahlstrøm, J. de Juan, G. Ekstrom, L. Stenseng, S.A. Khan, R. Forsberg, D. Dahl-Jensen. 2010. Spatial and temporal melt variability at Helheim Glacier, East Greenland, and its effect on ice dynamics. <i>Journal of Geophysical Research</i> .	Yes	Basic	0	0
Hamilton, Gordon	Journal Article	Accepted	De Juan, J., P. Elosegui, Nettles, M., J.L. Davis, G.S. Hamilton, T. Larsen, L.A. Stearns, A. Ahlstrøm, M.L. Andersen, S.A. Khan, L. Stenseng, G. Ekstrom & R. Forsberg. 2010. Sudden increase in tidal response linked to calving and acceleration at a large Greenland outlet glacier. <i>Geophysical Research Letters</i> .	Yes	Basic	0	0



Hamilton, Gordon	Abstract	Published	Hamilton, G.S., L.A. Stearns and D.C. Finnegan. 2009. Terrestrial LiDAR Measurements on a Large East Greenland Outlet Glacier. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract G53E-03.	Basic	0	0
Hamilton, Gordon	Abstract	Published	Hamilton, G.S., F. Straneo, D.A. Sutherland and L.A. Stearns. 2010. Did changes in the subpolar North Atlantic trigger the acceleration of glaciers in Greenland? <i>Eos Trans. AGU</i> , 91(26), Ocean Sci. Meet. Suppl., Abstract PO53A-04.	Basic	0	0
Hamilton, Gordon	Abstract	Published	Andersen, M.L., A. Ahlstrøm, T. Larsen, Nettles, M., P. Elosegui, G.S. Hamilton, L.A. Stearns, J.L. Davis, J. de Juan, S.A. Khan, L. Stenseng, G. Ekstrom & R. Forsberg. 2009. Surface Melt and its Effect on Helheim Glacier Dynamics. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract C21D-0465.	Basic	0	0
Hamilton, Gordon	Abstract	Published	Breton, D.B. and G.S. Hamilton. 2009. Accumulation Rate Effects on High Precision Density Profiles of Antarctic Firn Cores. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract C52A-06.	Basic	1	0
Hamilton, Gordon	Abstract	Published	De Juan, J. P. Elosegui, J.L. Davis, G.S. Hamilton, L.A. Stearns, Nettles, M., T.B. Larsen, A.P. Ahlstrom, J.L. Davis, M.L. Andersen, S.A. Khan, L. Stenseng, G. Ekstrom & R. Forsberg. 2009. Ocean tides modulation of flow at Helheim Glacier, East Greenland, observed using GPS. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract C11A-01.	Basic	0	0
Hamilton, Gordon	Abstract	Published	Hall, M.L., G.S. Hamilton and S.A. Arcone. 2009. Accumulation Rate Variability along Norway-US Traverse Route, East Antarctica. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract C31D-0460	Basic	1	0
Hamilton, Gordon	Abstract	Published	Nettles, M., T.B. Larsen, P. Elosegui, G.S. Hamilton, L.A. Stearns, A.P. Ahlstrom, J.L. Davis, M.L. Andersen, J. de Juan, S.A. Khan, L. Stenseng, G. Ekstrom & R. Forsberg. 2009. Geodetic observations of short-time-scale changes in glacier flow at Helheim and Kangerdlugssuaq Glaciers, East Greenland. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract C11A-02.	Basic	0	0
Hamilton, Gordon	Abstract	Published	Schild, K.S., G.S. Hamilton and L.A. Stearns. 2009. Environmental controls on calving events in Greenland. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract C21D-0462.	Basic	1	0
Hamilton, Gordon	Abstract	Published	Stearns, L.A., G.S. Hamilton and B.E. Smith. 2009. Subglacial lake outburst floods and Antarctic ice dynamics. <i>Eos Trans. AGU</i> , 90(52), Fall Meet. Suppl., Abstract C34A-08.	Basic	0	0
Hooke, Roger	Journal Article	Submitted	Hanson, B., and Hooke, R. LeB., 2010, Effects of sea level lowering on ELA depression during the LGM: Quaternary Research,	Yes	0	0
Hooke, Roger	Journal Article	Submitted	Hooke, R. LeB., Martin-Duque, J.F., and Pedraza, J., 2010, Land Transformation and Population: Two neglected elements of Global Change: <i>GSA Today</i> (in revision),	Yes	0	0
Hooke, Roger	Journal Article	Submitted	Hooke, R. LeB. and Winski, D., 20xx, Unroofing Maine: A comparison of four erosion laws over 400 my. <i>Geology</i> (submitted and in revision)	Yes	1	0
Hughes, Terence	Journal Article	In Review	Hughes, T., 2009. Modeling ice sheets from the bottom up. <i>Quaternary Science Reviews</i> , 28:1831-1849.	Basic	0	2
Hughes, Terence	Journal Article	In Review	Hughes, T., 2010. Glacier Motion/Ice Velocity, in <i>Encyclopedia of Snow, Ice, and Glaciers</i> , edited by U.K. Haritashya, P. Singh, and V.P. Singh, Springer.	Basic	0	2
Hughes, Terence	Journal Article	In Review	Hughes, T., 2010. A simple holistic theory of glacier sliding, submitted to <i>Journal of Geophysical Research</i>	Basic	0	2
Hughes, Terence	Journal Article	In Review	Hughes, T., 2010. A simple holistic hypothesis for the self-destruction of ice sheets, submitted to <i>Palaeogeography, Palaeoecology, Palaeoclimatology</i> .	Basic	0	2



Hughes, Terence	Journal Article	In Review	Hughes, T., 2010. When the shallow ice approximation fails for sheet flow, letter submitted to the Journal of Glaciology.		Basic	0	2
Hughes, Terence	Journal Article	In Review	Hughes, T., Sargent, A., and Fastook, J., 2010. Ice-bed coupling beneath and beyond ice streams, Byrd Glacier, Antarctica. Submitted to Journal of Geophysical Research.		Basic	0	2
Hughes, Terence	Journal Article	In Review	Pingree, K., Lurie, M., and Hughes, T., 2010. Is the East Antarctic Ice Sheet stable? Submitted to Quaternary Research.		Basic	0	2
Hughes, Terence	Journal Article	In Review	Hofstede, C., and Hughes, T., 2010. A flowline model for the dynamics of Jakobshavn Isbrae and ice streams in general, in preparation.		Basic	0	2
Jain, Shaleen	Journal Article	In Press	Kim, J.-S. and S. Jain, High resolution streamflow trend analysis applicable to annual decision calendars: A western United States case study. Climatic Change (in press).	Yes	Applied	0	0
Jain, Shaleen	Journal Article	Published	Kim, J.-S., S. Jain, and S. A. Norton (2010), Streamflow variability and hydroclimatic change at the Bear Brook Watershed in Maine (BBWM), USA, Environmental Monitoring and Assessment doi: 10.1007/s10661-010-1525-1.	Yes	Basic	0	0
Jain, Shaleen	Journal Article	Submitted	Sen Gupta, A., S. Jain, and J.-S. Kim, Past climate, future perspective: An exploratory analysis using climate proxies and drought risk assessment to inform water resources management and policy in Maine, USA, Journal of Environmental Management.	Yes	Applied	1	0
Kelley, Alice	Journal Article	Published	Sandweiss, D., Kelley A.R., Belknap, D., Kelley, J.T., Rademaker, K., and Reid, D., 2010, GPR Identification of an Early Monument at Los Morteros on the Peruvian Coastal Desert, Quaternary Research, 73: 439-448. http://www.sciencedirect.com/science?_ob=PublicationURL&_tockey=%23TOC%236995%232010%23999269996%231917739%23FLA%23&_cdi=6995&_pubType=J&_auth=y&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=38e03b1dd1b949a14a3912743135cb5f	Yes		1	1
Kelley, Alice	Other	Published	Kelley, A.R. and Caron, L., 2010. Surficial Geologic Map of Bucksport ME 7.5' Quadrangle. Maine Geological Survey Open File Report 10-18. 1 sheet, 1:24,000			0	0
Kelley, Joseph	Journal Article	Accepted	Kelley, J.T., Belknap, D.F., and Claesson, S., 2010, Drowned coastal deposits with associated archeological remains from a sea-level "slowstand": northwestern Gulf of Maine, USA. Geology (in press).	Yes	Basic	0	0
Kelley, Joseph	Book	Published	Kelley, J.T., Pilkey, O.H., and Cooper, J.A.G., eds., 2009, America's Most Vulnerable Shorelines. Geological Society of America Special Paper Number 460, 179 p.	Yes	Applied	0	0
Kelley, Joseph	Book	Accepted	Pilkey, O.P., Kelley, J.T., Neal, W., Cooper, J.A.G., 2010, The Worlds Beaches, University of California Press, in press.		Applied	0	0
Kelley, Joseph	Journal Article	Published	Brothers, L., Kelley, J.T., Landon, M., Belknap, D.F., and Dickson, S.M., 2010, Development in the Gulf of Maine: understanding the history (and the hazards) before we build. Maine Policy Review, v. 19, p. 46-57.	Yes	Applied	1	0
Kelley, Joseph	Journal Article	Accepted	Wilson, K.R., Kelley, J.T., Tanner, B.R., and Belknap, D.F., 2010, Examining north-temperate salt marsh geologic records: determining origin of and defining a unique stratigraphic signature for salt pools of six Maine salt marshes, USA. Journal of Coastal Research, In press.		Basic	1	0
Kelley, Joseph	Journal Article	Published	Tanner, B., Uhle, M., Mora, C., Kelley, J.T., Schuneman, P., Lane, C.S., and Allen, E.S., Comparison of bulk and compound-specific ¹³ C analyses and determination of carbon sources to salt marsh sediments using n-alkane distributions, (Maine, USA), Estuarine, Coastal and Shelf Science, v. 86, p. 283-291, doi:10.1016/j.ecss.2009.11.023		Basic	1	0
Kelley, Joseph	Journal Article	Published	Sandweiss, D.H., Kelley, A.R., Belknap, D.F., Kelley, J.T., Rademaker, K., and Reid, D.A., 2010. GPR identification		Basic	1	1



			of an early monument at Los Morteros in the Peruvian coastal desert. <i>Quaternary Research</i> , v. 73, p. 439-448.						
Kelley, Joseph	Book Chapter	Published	Kelley, J.T., and Brothers, L., 2009, Camp Ellis, ME: a small beach-front community with a big problem/jetty. In Kelley, J.T., Pilkey, O.H., and Cooper, J.A.G., eds., 2009, <i>America's Most Vulnerable Shorelines</i> . Geological Society of America Special Paper 460, p. 1-20.	Yes	Applied	1	0		
Koons, Peter	Journal Article	Accepted	Naus-Thijssen, F.M.J., Johnson, S.E. and Koons, P.O., in review. Modeling crenulation cleavage: a polymineralic approach, <i>Journal of Structural Geology</i> , 32, 330-341, doi: 10.1016/j.jsg.2010.01.004.	Yes		1	0		
Koons, Peter	Journal Article	Published	Johnson, S.E., Lenferink, H.J., Price, N.A., Marsh, J.H., Koons, P.O. West, D.P., Jr., and Beane, R., 2009. Clast-based kinematic vorticity gauges: the effects of slip at matrix/clast interfaces. <i>Journal of Structural Geology</i> , 31, 1322-1339; doi:10.1016/j.jsg.2009.07.008.	Yes		2	1		
Koons, Peter	Journal Article	Accepted	Koons, P.O. Hooks, B., Barker, A.D. Upton, P.O., Pavlis, T., 2010; Three-dimensional deformation of the southeastern Alaskan Plate Boundary; <i>TECTONICS</i> doi:10.1029/2009TC002463, in press	Yes		1	0		
Koons, Peter	Journal Article	Published	Johnson, S.E., Lenferink, H.J., Marsh, J.H., Price, N.A., Koons, P.O. and West, D.P., Jr., 2009. Kinematic vorticity analysis and evolving strength of mylonitic shear zones: new data and numerical results. <i>Geology</i> , 37, 1075-1078; doi: 10.1130/G30227A.1.	Yes		1	1		
Koons, Peter	Journal Article	Published	Koons, P.O., 2009, On the implications of low spatial correlation of tectonic and climate variables in the western European Alps, <i>GEOLOGY</i> , 37, 863-864	Yes		0	0		
Koons, Peter	Journal Article	Accepted	Johnson, S.E., Jin, Z.-H., Naus-Thijssen, F.M.J. and Koons, P.O., 2010. Coupled deformation and metamorphism in the roof of a tabular mid-crustal igneous complex. <i>Bulletin of the Geological Society of America</i> , in press.	Yes		0	1		
Koons, Peter	Journal Article	Submitted	Koons, P.O., P. Upton, A.D. Barker, 2010, The influence of mechanical properties on the link between tectonic and topographic evolution. <i>GEOMORPHOLOGY</i> , 120, submitted 2010.	Yes		1	0		
Kreutz, Karl	Journal Article	Accepted	Kelsey, E., C. Wake, K.J. Kreutz, and E. Osterberg (2010), Ice layers as an indicator of summer warmth and atmospheric blocking in Alaska, <i>Journal of Glaciology</i> , accepted.	Yes	Basic	1	0		
Kreutz, Karl	Journal Article	Accepted	Wanamaker, A., K.J. Kreutz, B. Schöne, and D. Introne (2010), Gulf of Maine shells reveal changes in seawater temperature seasonality during the Medieval Climate Anomaly and the Little Ice Age, <i>Paleogeography, Paleoclimatology, Paleoecology</i> , accepted.	Yes	Basic	0	0		
Kreutz, Karl	Journal Article	Accepted	Schöne, B., A. Wanamaker, J. Fiebig, J. Thebault, and K.J. Kreutz, (2010), Annually resolved $\delta^{13}C$ chronologies of long-lived bivalve mollusks (<i>Arctica Islandica</i>) reveal oceanic carbon dynamics in the temperate North Atlantic during recent centuries, <i>Paleogeography, Paleoclimatology, Paleoecology</i> , doi: 10.1016/j.paleo.2010.02.002.	Yes	Basic	0	0		
Kurbatov, Andrei	Journal Article	Published	M.I. Bursik, S.E. Kobs, A. Burns, O.A. Braitseva, L.I. Bazanova, I.V. Melekestsev, A. Kurbatov, D.C. Pieri (2009), Volcanic plumes and wind: Jetstream interaction examples and implications for air traffic. <i>J. Volc. Geoth. Res.</i> vol. 186 pp. 60-67		Basic	0	0		
Kurbatov, Andrei	Journal Article	Submitted	B. Grigholm, P.A. Mayewski, A.V. Kurbatov, G. Casassa, A. Contreras Staeding, M. Handley, S.B. Sneed, D.S. Introne (2009), Chemical composition of fresh snow from Glaciar Marinelli, Tierra del Fuego, Chile, <i>J. of Glaciology</i> , 55(193), 769-776.		Applied	1	0		
Kurbatov, Andrei	Journal Article	Submitted	A.V. Kurbatov, P.A. Mayewski, J.P. Steffensen, A. West, D.J. Kennett, J.P. Kennett, T.E. Bunch, M. Handley, D.S. Introne, S.S. Que Hee, C. Mercer, M. Sellers, F. Shen, S.B. Sneed, J.C. Weaver, J.H. Wittke, B. Culleton, T.W. Stafford, J. J. Donovan, S. Xie, J. J. Razink Jr., A. Stich, W.S. Wolbach. (2010 in review). <i>Discovery of</i>	Yes	Applied	0	0		



			Nanodiamond-rich Layer in Polar (Greenland) Ice Sheet, <i>Journal of Glaciology</i> .						
Kurbatov, Andrei	Journal Article	Submitted	Elena V. Korotkikh, Paul A. Mayewski, Michael J. Handley, Sharon B. Sneed, Douglas S. Introne, Andrei V. Kurbatov, Nelia W. Dunbar and William C. McIntosh, (in prep.), The Last Interglacial in West Antarctica.						1 0
Kurbatov, Andrei	Book Chapter	Submitted	S. Kraus and A. Kurbatov, (in press), Chemical fingerprint of bulk tephra from Late Pleistocene / Holocene volcanoes in the northern Antarctic Peninsula area. In: <i>Antarctica: Global, Environmental and Economic Issues</i> , edited by Thomas J. Mulder, Nova Science Publishers, ISBN: 978-1-60876-014-5	Yes	Basic				0 0
Maasch, Kirk	Journal Article	Submitted	Dixon, D., P. Mayewski, I. Goodwin, G. Marshall, R. Freeman, K. Maasch and S. Sneed. An Ice Core Proxy for Northerly Air Mass Incursions (NAMI) into West Antarctica, <i>International Journal of Climatology</i>						2 0
Maasch, Kirk	Abstract	Published	Maasch, K.A., R.J. Oglesby, C. M. Rowe, D. J. Erickson, and C. Hays, 2009. How Important is Spatial Resolution: Case Studies at 48, 12, and 4 km for the U.S., Latin America, and Southern Asia, <i>Eos Trans. AGU</i> , 89(53), Fall Meet. Suppl., Abstract A33A-0218.						0 0
Maasch, Kirk	Abstract	Published	Oglesby, R.J., C.M. Rowe, K.A. Maasch, D.J. Erickson, and C. Hays, 2009. Evaluating Climate Models: Should We Use Weather or Climate Observations?, <i>Eos Trans. AGU</i> , 89(53), Fall Meet. Suppl., Abstract GC41A-0754.						0 0
Mayewski, Paul	Book	Submitted	Mayewski, P.A. and Morrison, M.C., near press, <i>The Journey: Exploration, Research and the Unmasking of Human Innocence</i> , A Dauntless Press, Santa Fe, NM.						0 0
Mayewski, Paul	Journal Article	Published	Weninger, B., Clare, L., Rohling, E., Bar-Yosef, O., Böhner, U., Budja, M., Bundschuh, M., Feurdan, A., Gebel, H., Hilpert, J., Joris, O., Linstader, J., Mayewski, P., Muhlenbruch, T., Reingruber, A., Rollefson, G., Schyle, D., Thissen, L., Todorova, H., and Zielhofer, C., 2009, The impact of rapid climate change on prehistoric societies during the Holocene in the eastern Mediterranean, <i>Documenta Praehistorica XXXVI</i> , UDK 902(4-5)"631".551.583, 7-59.	Yes					0 0
Mayewski, Paul	Journal Article	Submitted	Kennett, J.P., West, A., Mayewski, P.A., Bunch, T.E., Stafford, T.W., Ballard, J. and Wolbach, in review, Evidence for widespread biomass-burning at the Younger Dryas boundary (YDB) at 12.9ka, <i>PNAS</i> .	Yes					0 0
Mayewski, Paul	Journal Article	Published	Xu, J., Hou, S., Qin, D., Kaspari, S., Mayewski, P.A., Petit, J.R., Delmonte, B., Kang, S., Ren, J., Chappellaz, Hong, S., 2009, An 108.83 m ice core record of atmospheric dust deposition at Mt. Qomolangma (Everest), central Himalayas, <i>Quaternary Research</i> 73, 33-38.	Yes					0 0
Mayewski, Paul	Journal Article	Submitted	Mahowald, N., Kloster, S., Engelstaedter, S., Moore, J.K., Mukhopadhyay, S., McConnell, J., A;bani, S., Doney, S., Bhattacharya, A., Curran, M., Flanner, M., Hoffman, Lawrence, F., Lindsay, K., Mayewski, P.A., Neff, J., Rothenberg, D., Thomas, E., Thornton, P., and Zender, C., in review, Observed 20th century desert dust changes: implications for climate and biogeochemistry, <i>Atmospheric Chemistry and Physics</i> .	Yes					0 0
Mayewski, Paul	Journal Article	Submitted	Sneed, S.B., Mayewski, P.A., and Dixon, D., in review, Multi-ice core sodium, nss-sulfate, and methylsulfonate correlations with Antarctic sea ice extent - an enhanced ice core sea ice extent proxy.	Yes					2 0
Mayewski, Paul	Journal Article	Submitted	Korotkikh, E., Mayewski, P. A., Handley, M., Introne, D., Sneed, S., Kurbatov, A., Dunbar, N. and McIntosh, W., in review, The last interglacial in West Antarctica	Yes					2 0
Mayewski, Paul	Journal Article	Submitted	Kang, S., Zhang, Y., Zhang, Y., Grigholm, B., Kaspari, S, Qin, D., Ren, J. and Mayewski, P.A., in review, Variability of atmospheric dust loading over the central Tibetan Plateau based on ice core glaciochemistry, <i>Atmospheric Environment</i> .	Yes					2 0
Mayewski, Paul	Journal Article	Submitted	Purdie, H., Mackintosh, A., Lawson, W., Anderson, B., Morgenstern, U., Chinn, T., and Mayewski, P.A., in review, Interannual variability in net accumulation on Tasman Glacier and its relationship with climate.	Yes					1 0

Mayewski, Paul	Proceedings	Accepted	Mayewski, P.A., in press, State of the Antarctic Climate System, in Climate Change in the Magellan and Antarctic Regions: Evidence and Challenges for the Future.			0	0
Mayewski, Paul	Proceedings	Accepted	Mayewski, P.A., in press, Ice core reconstruction of Antarctic climate change and implications, in Climate Change in the Magellan and Antarctic Regions: Evidence and Challenges for the Future.			0	0
Meese, Debra	Journal Article	Published	Spaulding, NE, D.A. Meese, I. Baker, P. A. Mayewski, G. S. Hamilton, submitted, A new technique for firn grain size measurements, Journal of Glaciology.	Yes		1	0
Norton, Stephen	Journal Article	Accepted	Wilson, T. A., Amirbahman, A., Norton, S. A., and Voytek, M. A., 2010, Sedimentary phosphorus dynamics in oligotrophic lakes: J. Paleolimn., in press.	Yes		1	0
Norton, Stephen	Journal Article	Published	Porcal P., Amirbahman A., Kopáček J., Novák F., Norton S.A., 2009, Photochemical release of humic and fulvic acid-bound metals from simulated soil and streamwater. J. Environ. Mon., 10.	Yes		0	0
Norton, Stephen	Journal Article	Published	Kopáček, J., Hejzlar, J., Kana, J., Norton, S. A., Porcal, P., Turek, J., 2009, Trends in aluminium export from a glaciated mountain area to surface waters: Effects of soil development, atmospheric acidification, and nitrogen-saturation: J. Inorg. Biochemistry, 103, 1439-1448.	Yes		0	0
Norton, Stephen	Journal Article	Published	Navrátil, T., Rohovec, J., Amirbahman, A., Norton, S. A., and Fernandez, I. J., 2009, Controls of natural amorphous aluminum hydroxide on sulfate and phosphate anions in sediment-solution systems: Water, Air, and Soil Poll., 201, 87-98.	Yes		0	0
Norton, Stephen	Journal Article	Published	SanClements, M. D., Fernandez, I. J., and Norton, S. A., 2009, Soil and sediment phosphorus fractions in a forested watershed at Acadia National Park, ME, USA. For. Ecol. Manag., 258, 2318-2325.	Yes		0	0
Norton, Stephen	Journal Article	Published	Banaitis, M. R., Fernandez, I. J., Wilson, C., Norton, S. A., and Dail, D. B., 2009 Biogeochemical response of a northeastern forest ecosystem to biosolids amendments: Tech. Rept. Waste Management, J. Environ. Qual., 38, 792-803.	Yes		2	0
Ocampo-Raeder, Constanza	Journal Article	Published	2009 Tierras Ociosas o Productivas? El Impacto y el Significado Cultural de la Agricultura Indígena de la Amazonia Peruana. Debate Agrario 44: 101-127.	Yes		0	0
Ocampo-Raeder, Constanza	Journal Article	Accepted	2010 Review of Against the Grain: The Vayda Tradition in Human Ecology and Ecological Anthropology. Human Ecology.	Yes		0	0
Ocampo-Raeder, Constanza	Editorial	Published	“Ni Capitalismo, Ni Comunismo: El Premio Nobel de Economía y la Realidad Económica del Perú Profundo. La Revista Agraria 10 (112): 16.			0	0
Olsen, Brian	Journal Article	Published	Olsen, B.J., R. Greenberg, I.A. Liu, J.M. Felch, J.R. Walters. Published Online. Interactions between sexual and natural selection on the evolution of a plumage badge. Evolutionary Ecology. DOI: 10.1007/s10682-009-9330-4	Yes	Basic	0	2
Olsen, Brian	Journal Article	Published	Greenberg, R, B.J. Olsen, M.A. Etterson. 2010. Patterns of seasonal abundance and social segregation in inland and Coastal Plain Swamp Sparrow in a Delaware tidal marsh. Condor 112(1):159-167.	Yes	Basic	0	0
Olsen, Brian	Journal Article	Published	Greenberg, R. and B.J. Olsen. Published Online. Divergence, sexual dimorphism, and sex-specific increase in variation of bill size in tidal marsh sparrows: Island-like processes in a continental habitat. Ecology. DOI: 10.1890/09-1136	Yes	Basic	0	0
Olsen, Brian	Journal Article	Accepted	Etterson, M.A., S.N. Ellis-Felege, D. Evers, G. Gauthier, J. A. Grzybowski, B.J. Mattsson, L.R. Nagy, B.J.Olsen, C.M. Pease, M. Post van der Burg, and A. Potvien. Invited Manuscript in Revision. Modeling fecundity in birds: Basic considerations, current developments, and future directions. Ecological Modelling.	Yes	Basic	0	0

Olsen, Brian	Book Chapter	Accepted	Etterson, M.A., B.J. Olsen, R. Greenberg, and W.G. Shriver. In Press. Sources, sinks, and model accuracy in Sources, Sinks, and Sustainability Across Landscapes (J. Liu, V. Hull, A. Morzillo, and John Wiens, eds.). Cambridge University Press, New York.	Yes	Basic	0	0
Olsen, Brian	Abstract	Accepted	Olsen, B.J. 2010. Abiotic drivers of sexual selection in the tidal marsh: A case study using swamp sparrows. The 25th International Ornithological Congress. Campos do Jordão, SP, Brazil		Basic	0	0
Peterson, Michael	Journal Article	Published	Pries, Malte, Holger Militz, Barry Goodell, Xinfeng Xie, Yuhui Qian, Michael Peterson, Roberto Lopez-Anido, A Note on Reinforcement of Polymer Matrix Composites Using Carbon Residues Derived From Woody Biomass, Journal of Composite Materials Online, First, published on February 25, 2010 as doi:10.1177/0021998309360935	Yes	Applied	1	0
Peterson, Michael	Journal Article	Published	M.L. Peterson, Raoul F. Reiser, II, Pei-Hsin Kuo, Donald W. Radford, C. Wayne McIlwraith, The effect of temperature on 6 furlong times on a synthetic racing surface, Equine vet. J. 42, 2010 351-357.	Yes	Basic	1	0
Peterson, Michael	Journal Article	Published	J.W. Bridge, M.L. Peterson, D.W. Radford, C.W. McIlwraith, Thermal transitions in high oil content petroleum-based wax blends used in granular sport surfaces, Thermochimica Acta (2008), doi:10.1016/j.tca.2009.10.009, 2010, vol. 498, No. 1-2, pp. 106-111	Yes	Applied	1	0
Peterson, Michael	Proceedings	Published	"Dynamic Strain Rate Response with Changing Temperatures for Wax-Coated Granular Composites", Bridge, J., Peterson, M, McIlwraith, SEM Annual Conf, Indianapolis, IN, June 7-10, 2010		Applied	1	0
Peterson, Michael	Proceedings	Published	Michael "Mick" Peterson, Ph.D., Jeffrey J. Thomason, Ph.D., Becky Woodward, Ph.D., Wayne McIlwraith, BVSc. Ph.D., "Engineering tools to support the development of safer racing surfaces, Proceedings of the International Conference of Racing Analysts and Veterinarians, Queenstown, New Zealand, 7th -13th March 2010	Yes	Applied	0	0
Peterson, Michael	Proceedings	Published	"Characterizing the Mechanical Properties of Wax-Coated Granular Composites", Bridge, J., Peterson, M, McIlwraith, C, Beaumont, R., TMS 2010 Conf, Seattle, WA, Feb 14-18, 2009		Applied	1	0
Robinson, Brian S.	Journal Article	Published	Robinson, Brian S., Jennifer C. Ort, William E. Eldridge, Adrian L. Burke and Bertrand G. Pelletier 2009 Paleoindian Aggregation and Social Context at Bull Brook. American Antiquity 74(3):423- 447.	Yes		2	0
Robinson, Brian S.	Journal Article	Published	Robinson, Brian, George Jacobson Jr., Martin Yates, Arthur Spiess and Ellen Cowie 2009 Atlantic Salmon, Archaeology and Climate Change in New England. Journal of Archaeological Science 36:2184-2191.	Yes		0	0
Robinson, Brian S.	Technical Report	Accepted	Robinson, Brian S. 2009 Archaeology of the Birch Point Petroglyph Site: Phase I Survey. For Comprehensive Land-Use Planning for Passamaquoddy Bay Petroglyph Sites, directed by Donald Soctomah, Passamaquoddy Tribal Historic Preservation Office. 36 pages.			0	0
Robinson, Brian S.	Technical Report	Accepted	Robinson, Brian S. 2009 A Gathering Place above the Falls: The Archaeology of Indian Island and the Old Town Water Main. Submitted to Penobscot Tribal Historic Preservation Office, and Maine Historic Preservation Comm. 146 pages.			0	0
Robinson, Brian S.	Technical Report	Accepted	Robinson, Brian and Lisa Neuman 2009 Three-Year Progress Report for An Archaeological Coastal Research Program at the University of Maine. Submitted to the Office of the Provost, University of Maine. 22 pages.			0	0
Roscoe, Paul B.	Journal Article	Published	(with Ulrike Claas) A Journey up the Sepik River in 1887. Journal of Pacific History 44:333-343.	Yes	Basic	0	0
Roscoe, Paul B.	Journal Article	Published	On the 'Pacification' of the European Neolithic: Ethnographic Analogy and the Neglect of History. World Archaeology 41:578-588.	Yes	Basic	0	0
Roscoe, Paul B.	Journal Article	Published	Social Signaling and the Organization of Small-scale Society: The Case of Contact-era New Guinea. Journal of Archaeological Method and Theory 16:69-116.	Yes	Basic	0	0



Roscoe, Paul B.	Journal Article	Submitted	Dead Birds: The ‘Theater’ of War Among the Dugum Dani. Revised and resubmitted to American Anthropologist.	Yes	Basic	0	0
Roscoe, Paul B.	Journal Article	Accepted	On the Hypothesis of War in the Levantine Early Neolithic. To appear in Neo-Lithics (Special Issue. Conflict and Warfare in the Near Eastern Neolithic.	Yes	Basic	0	0
Roscoe, Paul B.	Book Chapter	Accepted	The Economics of the Polynesian Outliers. Accepted for inclusion in: The Polynesian Outliers, Richard Feinberg and Richard Scaglione, eds.	Yes	Basic	0	0
Roscoe, Paul B.	Book Chapter	Accepted	(with David Lipset). Introduction: Donal F. Tuzin, An Anthropologist’s Anthropologist. Accepted for inclusion in Echoes of the Tambaran: Masculinity, History and the Subject in the Work of Donald F. Tuzin. David Lipset and Paul Roscoe, eds. Under review by ANU e-Press.	Yes	Basic	0	0
Roscoe, Paul B.	Book Chapter	Accepted	The Abelam ‘Invasion’ and the Rise of Ilahita Revisited. Accepted for inclusion in Echoes of the Tambaran: Masculinity, History and the Subject in the Work of Donald F. Tuzin. David Lipset and Paul Roscoe, eds. Under review by ANU e-Press.	Yes	Basic	0	0
Roscoe, Paul B.	Book Chapter	Accepted	The Political Capacities of Big Man. Accepted for inclusion in Beyond Elites, edited by Tobias Keinlin. To be published in the series Universitaetsforschungen zur Praehistorischen Archaeologie, Bochum: R. Habelt.	Yes	Basic	0	0
Roscoe, Paul B.	Other	Accepted	Encyclopedia entry, Participant Observation. Vocabulary for the Study of Religion, edited by Robert Siegel.		Basic	0	0
Sandweiss, Dan	Book	Published	Barnes, M. and D.H. Sandweiss, editors, 2009. Andean Past 9. Ithaca, NY: Cornell University Latin American Studies Program.	Yes	Basic	0	0
Sandweiss, Dan	Journal Article	Published	Sandweiss, D.H., A.R. Kelley, D.F. Belknap, J.T. Kelley, K. Rademaker, and D.A. Reid, 2010. GPR Identification of an Early Monument at Los Morteros on the Peruvian Coastal Desert. Quaternary Research 73:439-448. http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WPN-4YTM6CF-1&_user=10&_coverDate=05%2F31%2F2010&_rdoc=4&_fmt=high&_orig=browse&_srch=doc-info(%23toc%236995%232010%23999269996%231917739%23FLA%23display%23Volume)&_cdi=6995&_sort=d&_docanchor=&_c	Yes	Basic	1	1
Sandweiss, Dan	Journal Article	Accepted	Jones, K.B., G.W.L. Hodgins, M.F. Etayo-Cadavid, C.F.T. Andrus, and D.H. Sandweiss. In press. Centuries of marine radiocarbon reservoir age variation within archaeological Mesodesma donacium shells from southern Peru. Radiocarbon.	Yes	Basic	0	0
Sandweiss, Dan	Book Chapter	Published	Sandweiss, D.H., 2009. Early Fishing and Inland Monuments: Challenging the Maritime Foundations of Andean Civilization? In Foundations of Andean Civilization: Papers in Honor of Michael E. Moseley, ed. by J. Marcus, C. Stanish, and R. Williams, pp. 39-54. Los Angeles: Cotsen Institute of Archaeology.	Yes	Basic	0	0
Sandweiss, Dan	Book Chapter	Published	Richardson, J.B. III and D.H. Sandweiss, 2008. Climate Change, El Niño and the Rise of Complex Society on the Peruvian Coast during the Middle Holocene. In El Niño, Catastrophism, and Culture Change in Ancient America, ed. By DH. Sandweiss and J. Quilter, pp. 59-75. Washington DC: Dumbarton Oaks.	Yes	Basic	0	0
Sandweiss, Dan	Book Chapter	Accepted	Sandweiss, D.H. In press. Los fechados radiocarbónicos como «artefactos diagnósticos» en los primeros sitios marítimos peruanos. Carbono-14 y la Arqueología Peruana (working title), ed. by V. Falcón. Lima Peru: Museo Nacional de Arqueología, Antropología, e Historia.		Basic	0	0
Sandweiss, Dan	Other	Published	Sandweiss, D.H., 2010. Guinea Pigs. In Encyclopedia of Latin America. Vol 1. "Amerindians through Foreign Colonization." (Washington: Facts on File), ed. by Michael J. Francis.		Basic	0	0
Saros, Jasmine	Journal Article	Published	Salm. C.R., J.F. Saros, S.C. Fritz, C.L. Osburn & D.M. Reineke. Phytonlankton productivity across prairie saline	Yes	Basic	1	0



			lakes of the Great Plains (USA): A step toward deciphering patterns through lake classification models. Canadian Journal of Fisheries & Aquatic Sciences 66: 1435-1448.						
Saros, Jasmine	Journal Article	Published	Williamson, C.E., C.R. Salm, S.L. Cooke & J.E. Saros. How do UV, temperature, and zooplankton influence the dynamics of alpine phytoplankton communities? Hydrobiologia, DOI 10.1007/s10750-010-0147-5	Yes	Basic	2	0		
Saros, Jasmine	Journal Article	Published	Winn, N., C.E. Williamson, R. Abbitt, K. Rose, W. Renwick, M. Henry & J.E. Saros. Modeling dissolved organic carbon (DOC) in subalpine and alpine lakes with GIS and remote sensing. Landscape Ecology 24: 807-816.	Yes	Basic	1	0		
Saros, Jasmine	Journal Article	Published	Rose, K.C., Williamson, C.E., Saros, J.E., Sommaruga, R. & J.M. Fischer. 2009. Differences in UV transparency and thermal structure between alpine and subalpine lakes: implications for organisms. Photochemical and Photobiological Sciences 8: 1244-1256.	Yes	Basic	0	0		
Saros, Jasmine	Journal Article	Published	Hobbs, W.O., Telford, R.J., Birks, H.J.B., Saros, J.E., Hazewinkel, R.R.O., Perren, B.B., Saulnier-Talbot, E. & A.P. Wolfe. Quantifying recent ecological changes in remote lakes of North America and Greenland using sediment diatom assemblages. PLoS One 5(4): e10026. doi:10.1371/journal.pone.0010026.	Yes	Basic	0	0		
Saros, Jasmine	Journal Article	Published	Williamson, C.E., Saros, J.E., Vincent, W.F. & J.P. Smol. 2009. Lakes and reservoirs as sentinels, integrators, and regulators of climate change. Limnology & Oceanography 54: 2273-2282.	Yes	Basic	0	0		
Sobolik, Kristin	Book	Published	Paleonutrition. University of Arizona Press.	Yes		0	0		
Sobolik, Kristin	Journal Article	Published	High Dietary Intake of Prebiotic Inulin-type Fructans from Chihuahuan Desert. British Journal of Nutrition. Published online by Cambridge University Press 26 April, 2010.	Yes		0	0		
Sorg, Marcella	Book	Accepted	Sorg, Marcella H. and William D. Haglund (In prep.) Forensic Taphonomy: Evidence-Based Solutions		Applied	0	0		
Sorg, Marcella	Journal Article	Published	Brogdon, B.G., Marcella H. Sorg and Kerriann Marden Fingering a Murderer: A Successful Anthropological and Radiological Collaboration. Journal of Forensic Sciences 55(1):48-50	Yes	Applied	0	0		
Sorg, Marcella	Book Chapter	Published	Sorg, Marcella H. and William D. Haglund Forensic Anthropology. In Stuart H. James and Jon J. Nordby (editors) Principles of Forensic Science, 3rd Edition. CRC Press, Boca Raton, FL. Chapter 7: 99-118	Yes	Applied	0	0		
Sorg, Marcella	Book Chapter	Published	Sorg, Marcella H. (2008) Maine Patterns and Trends in Drug Abuse: June 2008. In Epidemiologic Trends in Drug Abuse: Proceedings of the Community Epidemiology Work Group, Volume II, June, 2008, pp. 151-159. National Institute on Drug Abuse. Washington, DC. http://www.drugabuse.gov/PDF/CEWG/CEWGVol2June08WebFINAL.pdf	Yes	Applied	0	0		
Sorg, Marcella	Proceedings	Published	Brogdon, B.G., Marcella H. Sorg, and Kerriann Marden (2009) Fingering a Murderer: A Successful Anthropological and Radiological Collaboration. Proceedings of the Annual Meeting of the American Academy of Forensic Sciences.	Yes	Applied	1	0		
Sorg, Marcella	Proceedings	Published	Sorg, Marcella H. and J. Gerry Mugford (2008) National and International Epidemiology of Prescription Drug Mortalities, with a Focus on Benzodiazepines. Proceedings of the International Symposium on Pharmaceuticals in the Home and Environment: Catalysts for Change and Sixth Annual Maine Benzodiazepine Study Group Conference.	Yes	Applied	0	0		
Sorg, Marcella	Proceedings	Published	J. Gerry Mugford, Marcella H. Sorg, James W. Berry, Terrance Callanan, Stevan Gressitt, and Shweta Pai (2008) Urban and Rural Multiple Site Survey of Physician Benzodiazepine Prescribing Patterns. Proceedings of the International Symposium on Pharmaceuticals in the Home and Environment: Catalysts for Change and Sixth Annual Maine Benzodiazepine Study Group Conference.	Yes	Applied	1	0		
Sorg, Marcella	Proceedings	Published	Sorg, Marcella H. (2008) Maine Trends and Drug Abuse Patterns: June 2008. In Epidemiologic Trends in Drug Abuse: Proceedings of the Community Epidemiology Work Group. Volume I. June 2008. Highlights and Executive	Yes	Applied	0	0		



		Summary (abstract)					
Sorg, Marcella	Proceedings	Published	Sorg, Marcella H. and Leonard J. Paulozzi (2008) Pharmaceutical and illicit drug mortality in the United States: Trends and research issues. Program of the 136th Annual Meeting of the American Public Health Association. http://apha.confex.com/apha/136am/webprogram/Session25078.html	Yes	Applied	0	0
Vandergoes, Marcus	Journal Article	Published	Zink, K.-G., M.J. Vandergoes, K. Mangelsdorf, A.C. Dieffenbacher-Krall, and L. Schwark. Accepted. Application of bacterial glycerol dialkyl glycerol tetraethers (GDGTs) to develop modern and past temperature estimates from New Zealand lakes. <i>Organic Geochemistry</i> , IMOG 2009 Special Issue.	Yes		0	0
Vandergoes, Marcus	Journal Article	Published	Putnam, A.E.; Schaefer, J.M.; Barrell, D.J.A.; Vandergoes, M.J.; Denton, G.H.; Kaplan, M.R.; Finkel, R.C.; Schwartz, R.; Goehring, B.M.; Kelley, S.E. 2010 In situ cosmogenic ¹⁰ Be production-rate calibration from the Southern Alps, New Zealand. <i>Quaternary geochronology</i> , Online first: doi:10.1016/j.quageo.2009.12.001	Yes		0	0
Vandergoes, Marcus	Journal Article	Submitted	Rewi Newnham, Marcus Vandergoes, Elisabeth Sikes, Lionel Carter, Janet Wilmshurst, David Lowe, Matt McGlone, Anna Sandiford Does the bipolar seesaw extend to the terrestrial southern mid-latitudes? (<i>Quaternary International</i>)	Yes		0	0
Vandergoes, Marcus	Abstract	Published	Zink, K.J., Vandergoes, M., Mangelsdorf, K., Schwark, L., Dieffenbacher-Krall, A.; 2009: Application of Bacterial and Archeal GDGT's to develop paleo-temperature estimates from New Zealand Lakes. 24th International Meeting on Organic Geochemistry, September 6-11, Bremen, Germany			0	0
Vandergoes, Marcus	Abstract	Published	Vandergoes, M. R. Newnham, A. Dieffenbacher-Krall, G. Denton, and J. Wilmshurst. 2010. Palaeoenvironmental changes since the Last Glacial Maximum in Southern New Zealand. VI Southern Connections Congress, Bariloche, Argentina.			0	0
Vandergoes, Marcus	Abstract	Published	Massaferro, J., A. Dieffenbacher-Krall, S. Brooks, M. Vandergoes. 2010. A chironomid temperature inference model to interpret patterns of climate changes in southern South America. VI Southern Connections Congress, Bariloche, Argentina.			0	0
Vandergoes, Marcus	Proceedings	Published	Cortese, G., Vandergoes, M., Bostock, H., 2009: Past Climates Meeting, 2009, 15-17th May 2009 Te Papa, Wellington, New Zealand, GNS Science Miscellaneous Series 23, 65p.			0	0
Zaro, Gregory D.	Journal Article	Accepted	Zaro, Gregory, K.C. Nystrom, A. Umire-Alvarez, A. Bar, and A. Miranda (in press). Tierras olvidadas: Chiribaya landscape engineering and marginality in southern Peru. <i>Latin American Antiquity</i> , accepted for publication July 2009.	Yes		0	0
Zaro, Gregory D.	Journal Article	Accepted	Houk, Brett A. and Gregory Zaro (in press). Evidence for ritual engineering in the Late/Terminal Classic site plan of La Milpa, Belize. <i>Latin American Antiquity</i> , accepted for publication October 2009.	Yes		0	0
Zaro, Gregory D.	Journal Article	Submitted	Houk, Brett A. and Gregory Zaro (in review). Architectural history and ritual planning at La Milpa: reconsideration. <i>Research Reports in Belizean Archaeology</i> , submitted August 2009.	Yes		0	0
Zaro, Gregory D.	Journal Article	Submitted	Zaro, Gregory and Brett A. Houk (in review). The rise and fall of the ancient Maya city of La Milpa, Belize: New data and new perspectives from the southern plazas. <i>Ancient Mesoamerica</i> , submitted December 2009.	Yes		0	0
Zaro, Gregory D.	Technical Report	Published	Zaro, Gregory (2010). The 2009 Season of Excavations at Structure 24. In <i>The 2007–2009 Seasons of the La Milpa Core Project</i> , edited by Brett A. Houk, pp. 97–108. Occasional Papers in Archaeology, Number 3. Department of Sociology, Anthropology, and Social Work, Texas Tech University, Lubbock.			0	0
Zaro, Gregory D.	Technical Report	Published	Houk, Brett A., Débora Trein, and Gregory Zaro (2010). Overview of the 2008 Season of the La Milpa Core Project. In <i>The 2007–2009 Seasons of the La Milpa Core Project</i> . edited by Brett A. Houk. pp. 41–55. Occasional Papers in			0	0



			Archaeology, Number 3. Department of Sociology, Anthropology, and Social Work, Texas Tech University, Lubbock.		
Zaro, Gregory D.	Technical Report	Published	Zaro, Gregory (2010). The 2008 Excavations at Structure 22. In The 2007–2009 Seasons of the La Milpa Core Project, edited by Brett A. Houk, pp. 57–66. Occasional Papers in Archaeology, Number 3. Department of Sociology, Anthropology, and Social Work, Texas Tech University, Lubbock.	0	0
Zaro, Gregory D.	Technical Report	Submitted	Zaro, Gregory and Daniel Ivan Dávila (2010). Informe Técnico del Proyecto Arqueológico Pampa Dispensilla 2010: Exploraciones e investigaciones arqueológicas en el sitio “Cola de Zorro,” Departamento de Arequipa, Perú. Informe final de la temporada de febrero a abril 2010. Technical report to be submitted to the Instituto Nacional de Cultura, Lima, Peru (May 2010).	0	0

PRESENTATIONS: INTERNATIONAL/NATIONAL/REGIONAL/STATE/LOCAL

Name	Date	Scope	Description	GS	US
Belknap, Daniel F.	10/18/09	International	Geological preservation potential of coastal and submerged archaeological sites: Geological Society of America Abstracts with Programs, v. 41, no. 7, A23-1, p. 75. Annual Meeting, Portland, OR, October 18-21, 2009. http://www.geosociety.org/meetings/searchabstracts.htm	0	0
Belknap, Daniel F.	03/15/10	Regional	Belknap, D.F., Kelley, J.T., Cooper, J.A.G., Jackson, D.W.T., and McKenna, J., 2010, Comparison of glaciomarine seismic stratigraphy of the northwestern Irish coast with coastal Maine, USA: Geological Society of America Abstracts with Programs, v. 42, no. 1, A46-6, p. 127. NE-SE Joint Section Meeting, Baltimore, MD, March 13-17, 2010. http://www.geosociety.org/meetings/searchabstracts.htm	0	0
Belknap, Daniel F.	03/22/10	State	Belknap, D.F., 2010, The Critical leading edge of Gulf of Maine salt marshes: Maine Sea Grant Symposium 2010: Marine Science that Matters, Wells Conference Center, University of Maine, Orono. www.seagrant.umaine.edu	0	0
Belknap, Daniel F.	05/07/10	Local	Belknap, D.F., Kelley, J.T. and Wilson, K.R., 2010, Are Maine's marshes drowning - or could they soon? 17 th Annual Hal Borns Symposium, Climate Change Institute, University of Maine, May 7-8. http://www.climatechange.umaine.edu/	1	0
Chai, Fei	7/2009	International	Modeling Carbon, Ecosystems, and Optical Properties in the Pacific Ocean. Ocean University of China, Qingdao, China.	0	0
Chai, Fei	7/2009	International	Modeling Marine Ecosystems and Carbon Cycle in the Pacific Ocean. Tongji University, Shanghai, China.	0	0
Chai, Fei	10/2009	International	Modeling Peru Upwelling Ecosystem Dynamics: from Physics to ANchovy. PICES Annual Meeting in Jeju Island, South Korea.	0	0
Chai, Fei	11/2009	National	Modeling Peru Upwelling Ecosystem Dynamics: from Physics to Anchovy. Old Dominion University.	0	0
Chai, Fei	12/2009	International	Incorporating optics to physical and ecosystem modeling. NATO Undersea Research Centre, La Spezia, Italy.	0	0
Chai, Fei	12/2009	National	Incorporating optics to physical and ecosystem modeling. Naval Research Lab, Stennis Space Center, MS	0	0
Chai, Fei	2/2010	National	Physical-biological-optics model development and simulation for the Pacific Ocean and Monterey Bay. ONR Optics Review Workshop in Portland, OR.	0	0
Chai, Fei	2/2010	National	Impact of climate change and melting glaciers on coastal ecosystems in the nearshore waters of the Gulf of Alaska. USGS National Downscaling Workshop. Raleigh, NC.	0	0



Chai, Fei	5/2010	National	Modeling Peru Upwelling Ecosystem Dynamics: from Physics to Anchovy. CAMEO E2E Modeling Workshop at Woods Hole, MA.	0	0
Chai, Fei	6/2010	International	Modeling Impacts of Mesoscale Eddies on Biogeochemical Processes in the South China Sea. International Symposium on Boundary Current Dynamics: its connection with open-ocean and coastal processes and responses to global climate change. Qingdao, China.	0	0
Chawathe, Sudarshan S.	October 2009	International	Low-Latency Indoor Localization Using Bluetooth Beacons. A the 12th International IEEE Conference on Intelligent Transportation Systems (ITSC), St. Louis, Missouri, October 2009.	0	0
Chawathe, Sudarshan S.	May 2010	International	Information Systems for Passenger Guidance in Transit Systems. METROSIMPOSIO 2010 SIMPOSIO DE TECNOLOGÍAS E INGENIERÍAS PARA EL METRO DE BOGOTÁ 7 y 8 de mayo de 2010 Bogotá, Colombia	0	0
Denton, George	9/16/09	International	The last glacial termination. Presented in Soldiers Grove, Wisconsin for the Comer Panel on Abrupt Climate Change	1	0
Denton, George	9/17/10	International	Alpine glacier fluctuations in the middle latitudes of the Southern Hemisphere. Given in Soldiers Grove, Wisconsin, at the annual meeting of the Comer Science and Education Foundation.	1	0
Denton, George	4/16/10	Other/Special	Wally and the bumpy road of Climate Change. Given at Lamont-Doherty Geological Observatory on the special occasion of the celebration of Wallace S. Broecker's 50th year as a professor at Columbia University. The other speakers were Professor Bender of Princeton, the President of Columbia University, the President of Arizona State University, and Al Gore.	0	0
Dieffenbacher-Krall, Ann		National	Sorg, M.H., W.D. Haglund, E. David, W. Parker, S.A. Kiley, H.W. Borns, J. Burger, J. Dearborn, A. Dieffenbacher-Krall, D. Palman, and T. Solouki. 2010. Developing a Regional Forensic Taphonomy: Environmental and Climatic Inputs. American Academy of Forensic Sciences, Seattle, WA, USA.	0	0
Dieffenbacher-Krall, Ann	2/2010	International	Vandergoes, M. R. Newnham, A. Dieffenbacher-Krall, G. Denton, and J. Wilmshurst. 2010. Palaeoenvironmental changes since the Last Glacial Maximum in Southern New Zealand. VI Southern Connections Congress, Bariloche, Argentina.	0	0
Dieffenbacher-Krall, Ann	2/2010	International	Massaferro, J., A. Dieffenbacher-Krall, S. Brooks, M. Vandergoes. 2010. A chironomid temperature inference model to interpret patterns of climate changes in southern South America. VI Southern Connections Congress, Bariloche, Argentina.	0	0
Fastook, James L.	9/19/2009	International	Answering the Call: The Dilemma of RESOLUTION: How Good is Good Enough: A Case Study from Greenland, Fastook, at the WAIS Workshop http://neptune.gsfc.nasa.gov/wais/pastmeetings/Agenda_2009_withlinks.html	0	0
Fastook, James L.	10/19/2009	International	Glacial Flow Modeling on Mars, Fastook, Head, Marchant, and Forget at the GSA meeting http://www.geosociety.org/meetings/2009/	0	0
Fastook, James L.	12/14/2009	International	The Dilemma of RESOLUTION: How Good is Good Enough: A Case Study from Greenland, Fastook, at the Fall AGU http://www.agu.org/meetings/fm09/	0	0
Fastook, James L.	3/1/2010	International	MODELING AN ICE-RICH LOBATE DEBRIS APRON IN DEUTERONILUS MENSAE. Fastook, Head, Madeleine, Forget, and Marchant at LPSC41 http://www.lpi.usra.edu/meetings/lpsc2010/	0	0
Fastook, James L.	4/13/2010	Other/Special	The Dilemma of RESOLUTION: How Good is Good Enough: A Case Study from Greenland, Fastook, at NSF headquarters, CReSIS Reverse-Site visit.	0	0
Fernandez, Ivan	November 2009	International	Fatemi, Farrah R., Ivan J. Fernandez, Kevin S. Simon, D. Bryan Dail, and Lindsey E. Rustad. 2009. The Effect of Nutrient Availability On Soil Extracellular Enzyme Activity and CNP Dynamics.. (Paper 113-2). Presented at the ASA-CSSA-SSSA International Meetings. Pittsburgh, PA. November 1-4.. [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.	1	0
Fernandez, Ivan	November 2009	International	Burke, Andrea M., Ivan J. Fernandez, Aaron Weiskittel, and Robert Wagner. 2009. Predicting differences in forest stand nutrient uptake and removal: Potential effects of increased biomass removals for energy on long-term site sustainability. (Paper 346-10). Presented at the ASA-CSSA-SSSA International Meetings. Pittsburgh, PA. November 1-4. [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.	1	0
Fernandez, Ivan	July 2009	International	Fatemi, Farrah R., Ivan J. Fernandez, Kevin S. Simon, and D. Bryan Dail. 2009. Soil extracellular enzyme activities as indices of	1	0



			microbial nutrient limitation and soil CNP dynamics. Soil Ecology Society Conference. Burlington, Vermont. July 12-15.		
Fernandez, Ivan	July 2009	International	SanClements, Michael D., Ivan J. Fernandez, Stephen A. Norton and Lindsey E. Rustad. 2009. Decadal responses in stream and soil Ca and Mg in an experimentally acidified watershed in the eastern United States. BIOGEOMON 2009. June 29-July 3. Helsinki, Finland.	1	0
Fernandez, Ivan	July 2009	International	Norton, Stephen A., Jirí Kopáček, Tomáš Navrátil, Ivan J. Fernandez, and Aria Amirbahman. 2009. Evolution of controls on phosphorus availability in aquatic ecosystems: peri-glacial to recent times. BIOGEOMON 2009. June 29-July 3. Helsinki, Finland.	1	0
Fernandez, Ivan	July 2009	State	SanClements, M.D., I.J. Fernandez, and S.A. Norton. 2009. Metal controls and acidity controls on forest floor and B-horizon extractable phosphorus in forested watersheds. 17th Annual Harold W. Borns, Jr. Symposium. Climate Change Institute, University of Maine, Orono, Maine. May 7-9, 2009.	1	0
Fernandez, Ivan	June 2009	Local	Ecosystems as Ecological Indicators - Sensing Change	0	0
Fernandez, Ivan	March 2010	State	An Ecological Observatory in a Climate of Change: Bear Brook at 20 Years	0	0
Hall, Brenda	4/2010	International	Deglacial history of the Ross Sea, Antarctica, given at Dartmouth College	0	0
Hall, Brenda	11/ 2009	International	Reconstructing climate change from ancient elephant seals in Antarctica. Given at Dirigo Pines Senior Community	0	0
Hall, Brenda	11/2009	International	Holocene glacial history and periods of reduced ice extent, Cordillera Darwin, southern Chile; Climate-Glaciers-Society Conference, Lamont-Doherty Earth Observatory, Palisades, New York.	1	0
Hall, Brenda	9/2009	International	Changes in Antarctic lakes suggest millennial-scale reorganizations of southern hemisphere atmospheric circulation; Comer Abrupt Climate Change meeting, Soldiers Grove, Wisconsin.	0	0
Hamilton, Gordon	09/28/09	Local	Ice Sheets and Sea Level Rise: It's Not Just the Melting That Matters. Wagner-Free Institute of Science, Philadelphia, PA.	0	0
Hamilton, Gordon	10/09/09	Regional	Ice Sheets and Sea Level Rise: It's Not Just the Melting That Matters. Tampa Bay Science and Information Symposium, St Petersburg, FL.	0	0
Hamilton, Gordon	10/10/09	State	Rapid sea level rise and Florida's coast. Florida Audubon Annual Meeting, Tampa Bay, FL.	0	0
Hamilton, Gordon	09/29/09	Local	Ice Sheets and Sea Level Rise: It's Not Just the Melting That Matters. Gulf of Maine Research Institute, Portland, ME.	0	0
Hamilton, Gordon	11/5/09	National	Ice Sheets and Sea Level Rise: It's Not Just the Melting That Matters. United States Congress, Washington DC.	0	0
Hamilton, Gordon	12/18/09	International	Terrestrial LiDAR Measurements on a Large East Greenland Outlet Glacier, American Geophysical Union, Fall Meeting, San Francisco, CA	0	0
Hamilton, Gordon	1/21/10	State	Sea level contributions from the polar ice sheets ? a new assessment for 2010-2100. North Carolina Sea Level Rise Forum, Raleigh, NC.	0	0
Hamilton, Gordon	01/29/10	International	A Rapid Connection Between the Ocean and the Greenland Ice Sheet. Arctic Frontiers Symposium, Tromso, Norway.	0	0
Hamilton, Gordon	02/23/10	International	Did warming of the North Atlantic Ocean trigger the recent dynamic changes in the Greenland Ice Sheet? American Geophysical Union, Ocean Sciences Meeting 2010, Portland, OR.	0	0
Hamilton, Gordon	3/25/10	International	Rapid ice sheet changes: southeast Greenland and beyond. Greenland Ice Sheet Workshop, Copenhagen, Denmark.	0	0
Hamilton, Gordon	04/08/10	National	Links between glacier length and glacier speed. Midwest Glaciology Meeting, Woods Hole, MA.	0	0
Jain, Shaleen	09/21/2009	Regional	Bell, K. P. and S. Jain, Sustainability Solutions Initiative: Coupled Systems Modeling, Maine EPSCoR Conference.	0	0
Kelley, Alice	3/18/2010	Local	Linking People and Ancient Landscapes http://www.tkl.org/2010lyceum.htm	0	0
Kelley, Joseph	10-18-09	International	Kelley, Joseph T., Daniel Belknap, & Stefan Claesson. "Drowned Archaeological Site Potential in the Western Gulf of Maine: an Example from Bass Harbor, ME." Geological Society of America. 2009 Portland GSA Annual Meeting. October 18-21. 2009. Portland. Oregon.	0	0



			GSA Abstracts with Programs Vol. 41, No. 7, p. 156.		
Kelley, Joseph	10-2009	International	Brothers, L.L., Kelley, and Belknap, D.F., J.T., Barnhardt, W.A., and Andrews. B., 2009, Pockmarks and shallow natural gas: threats to offshore infrastructure development. Geological Society of America, Annual Meeting, GSA Abstracts with Programs Vol. 41, No. 7, p. 474.	1	0
Kelley, Joseph		International	Landon, M., Kelley, J.T., Belknap, D.F., and Brothers, L., 2009, Assessment of geohazard potential for shallow water pockmarks: A case study from Belfast Bay, Maine. International Symposium for Frontiers in Offshore Geotechnics, Sidney, Australia.	1	0
Kelley, Joseph	3-2010	Regional	Brothers, L.L., Kelley, J.T., and Belknap, D.F., Koons, P.O., and Barnhardt, W.A., 2010, Pockmarks: self-scouring mud landforms. Northeast Section (combined with Southeast) Geological Society of America, GSA Abstracts with Programs Vol. 41, Baltimore, MD, March 13-16, 2010.	1	0
Kelley, Joseph	7/7/ 2009	Regional	Geology of the Maine Coast, Deans of Agricultural Colleges in the Northeast, Portland, ME July 7, 2009.	0	0
Kelley, Joseph	6/19/10	State	Acadia National Park, Interwoods presentation to Rangers and Volunteers, Geology of the Maine Coast. June 19, 2010.	0	0
Kelley, Joseph	March 14, 2010	Regional	Wilson, K.R., Kelley, J.T., Belknap, D.F., Hamilton, G., and Loftin, C., 2010, Are Maine's salt marshes drowning? Salt pools as dynamic drivers of surficial change for six Maine salt marshes. Northeast Section (combined with Southeast) Geological Society of America, GSA Abstracts with Programs Vol. 41, Baltimore, MD, March 13-16, 2010.	1	0
Kelley, Joseph	March 14, 2010	Regional	Kelley, J.T., Belknap, Brothers, L.L., Clarke, J.H., 2010, Somes Sound: Pockmarks in a fjord-like embayment surrounded by Acadia National Park. Northeast Section (combined with Southeast) Geological Society of America, GSA Abstracts with Programs Vol. 42, Baltimore, MD, March 13-16, 2010.	1	0
Kelley, Joseph	March 14, 2010	Regional	Belknap, D.F., Kelley, J.T., Cooper, J.A., Jackson, D., McKenna, J., 2010, Comparison of glaciomarine seismic stratigraphy of the northwestern Irish coast with coastal Maine. Northeast Section (combined with Southeast) Geological Society of America, GSA Abstracts with Programs Vol. 42, Baltimore, MD, March 13-16, 2010.	0	0
Kelley, Joseph	March 13, 2010	Regional	Brothers, L.L., Kelley, J.T., and Belknap, D.F., Koons, P.O., and Barnhardt, W.A., 2010, Pockmarks: self-scouring mud landforms. Northeast Section (combined with Southeast) Geological Society of America, GSA Abstracts with Programs Vol. 42, Baltimore, MD, March 13-16, 2010.	1	0
Kelley, Joseph	7/72009	State	Kelley, J.T., How we began to monitor Maine's beaches. State of Maine's Beaches Meeting, South Portland, ME, July 7, 2009.	0	0
Kelley, Joseph		International	Landon, M., Kelley, J.T., Belknap, D.F., and Brothers, L., 2009, Assessment of geohazard potential for shallow water pockmarks: A case study from Belfast Bay, Maine. International Symposium for Frontiers in Offshore Geotechnics, Sidney, Australia.	1	0
Kelley, Joseph	11/ 11/09	Local	Lehigh University, Maine Seafloor and Gas-Escape Landforms, 11-12-2009	0	0
Koons, Peter	12/2009	International	Pingree, K.A., Koons, P.O., Birkel, S.D., Segee, B., Zhu, Y., and Schaffler, M. (2009), Exploring Ice Sheets and Climate Change through Supercomputer Visualizations in Middle and Secondary Schools, Eos Trans. AGU, 90(54), Fall Meet. Suppl.	0	0
Koons, Peter	12/2009	International	Birkel, S. D., Koons, P. O., Pingree, K. A., Segee, B. E., Zhu, Y., Schaffler, M. Simple Climate Model and Web Interface for Inquiry-Based Learning at Middle and High School Grade Levels. Eos Trans. AGU, 90(54), Fall Meet. Suppl.	0	0
Kreutz, Karl	3/12/10	International	Winski, D., K. Kreutz, E. Osterberg, S. Campbell, C. Wake, S. Arcone, E. Kelsey, K. Volkerling, R. Hawley, J. Liccardi, Modeling energy balance and melt layer formation on the Kahiltna Glacier, Alaska, 40th Arctic Workshop, Winter Park, Colorado, March 12-14, 2010.	3	1
Kreutz, Karl	December 10 2009	International	Kreutz, K., E. Osterberg, N. Bertler, A. Lorrey, C. Wake, S. Das, D. Fisher, P. Mayewski, and A. Putnam, Trans- Pacific climate variability over the past millennium, AGU Fall Meeting, San Francisco, December 10-14, 2009.	0	0
Kreutz, Karl	Dec 10 2009	International	Kreutz, K., E. Osterberg, B. Gross, M. Handlev, C. Wake, K. Yalcin. Constraining recent lead pollution sources in the North Pacific using	1	0



			ice core stable lead isotopes, AGU Fall Meeting, San Francisco, December 10-14, 2009.		
Kreutz, Karl	Dec 10 2009	International	Campbell, S., K. Kreutz, C. Wake, E. Osterberg, S. Arcone, K. Volkening, M. Lurie, Application of ground penetrating radar and geodetics to the selection of an ice core drill site on the Kahiltna Glacier of Mount McKinley, Alaska, AGU Fall Meeting, San Francisco, December 10-14, 2009.	1	2
Kreutz, Karl	Oct 2 2009	National	Koffman, B., K. Kreutz, D. Breton, M. Handley, A. Kurbatov, N. Dunbar, P. Mayewski, M. Wells, Late Holocene record of microparticle and aerosol iron deposition in West Antarctica at the WAIS Divide site, WAIS Divide science meeting, San Diego, CA, October 1-3, 2009.	2	0
Kreutz, Karl	Oct 2 2009	National	Kreutz, K.J., Koffman, B., Mayewski, P., Kurbatov, A., Wells, M., Handley, M., and Sneed, S., Modeling Glacial- interglacial changes in dust and sea salt concentrations in West Antarctic deep ice cores: implications for Southern Hemisphere atmospheric dynamics, PAGES third open science meeting, Corvallis, OR, July 5-8 2009.	1	0
Kreutz, Karl	May 7, 2010	Local	Kreutz, K.J., A. Wanamerker, and D. Introne, Construction of a continuous, high resolution and absolutely-dated marine chronology from the Gulf of Maine during the last millennium, Borns Symposium, UMaine, May 6-7, 2010.	0	0
Kreutz, Karl	May 7, 2010	Local	Kane, E., O. McGlamery, K. J. Kreutz, and J. Wilson, Evaluating carbon emission scenario impacts on atmospheric CO2 and temperature using a dynamic systems model, Borns Symposium, UMaine, May 6-7, 2010.	0	2
Maasch, Kirk	12/2009	National	How Important is Spatial Resolution: Case Studies at 48, 12, and 4 km for the U.S., Latin America, and Southern Asia	0	0
Maasch, Kirk	May 27, 2010	Local	CBHS 9th grade Sustainability Symposium at the University of Southern Maine	0	0
Maasch, Kirk	1/4/2010	Local	"Energy and Climate Change" presented to physics class at Casco Bay High School, Portland ME,	0	0
Maasch, Kirk	10/30/09	Local	"The Greenhouse Effect and Global Warming" presented to AP Environmental Science class at Casco Bay High School, Portland ME	0	0
Mayewski, Paul	7/24/ 2009	International	State of the Antarctic and Southern Ocean Climate System, Montreal SCAR AGCS Meeting	0	0
Mayewski, Paul	7/31/2009	State	Climate Change Institute, Portland	0	0
Mayewski, Paul	9/18/2009	International	Changes in the Southern Hemisphere Westerlies, British Antarctic Survey, Cambridge, UK	1	0
Mayewski, Paul	9/25/ 2009	International	State of the Antarctic and Southern Ocean Climate System, ETH, Bern, Switzerland	0	0
Mayewski, Paul	10/15/2009	Regional	Climate Change - Realities and Opportunities, NY, Attorney's Meeting	0	0
Mayewski, Paul	10/29/2010	International	State of the Antarctic and Southern Ocean Climate System, Punta Arenas, Chile	0	0
Mayewski, Paul	10/30/2009	International	Climate of Antarctica and South America, Punta Arenas, Chile	0	0
Mayewski, Paul	11/5/2009	State	Climate Change - Realities and Opportunities, University of Maine, Farmington	0	0
Mayewski, Paul	1/26/2010	State	Climate Change - 10green Initiative, Heinz Endowments, Pittsburgh, Pa.	0	0
Mayewski, Paul	4/7/2010	State	Climate Change - Realities and Opportunities, Chamberlain Lecture at the Portland Club	0	0
Mayewski, Paul	4/14/2010	Regional	The Southern Hemisphere Westerlies, Center for Atmosphere and Ocean Sciences, NYU	0	0
Mayewski, Paul	4/22/2010	Regional	Abrupt Climate Change, Dartmouth College	0	0
Mayewski, Paul	5/8/2010	State	Climate Change, University of Maine Graduation Address	0	0
Mayewski, Paul	5/20/ 2010	Regional	Climate Change and Health, Maine Medical Association, Portland	0	0



Mayewski, Paul	5/30/ 2010	International	Sea ice reconstructions and implications, International Glaciological Society, Tromso, Norway	0	0
Ocampo-Raeder, Constanza	November 2009	National	"Children and the Management of Common-Pool Resources in an Amazonian Forest." Latin American Studies Lecture Series. November 2009, Stanford University, Stanford, CA.	0	0
Ocampo-Raeder, Constanza	November 2009	National	"Cultivating and Feeding Identity: The Cultural Significance Behind Indigenous Agriculture in the Peruvian Amazon." The Kresge College and CASFS Lecture Series, November 2009, University of California at Santa Cruz, Santa Cruz, CA.	0	0
Ocampo-Raeder, Constanza	March 2010	Regional	"Race vs. Ethnicity: How to Interact Meaningfully with People Different from Ourselves." 8th Annual New England Latino Leadership Conference. University of Maine, Orono. March 2010.	0	0
Ocampo-Raeder, Constanza	April 2010	Local	Cultivating Wildlife and Ancestors: Ese Eja Management Ecological Links in the Amazon. Wildlife Ecology Department Seminar Series. University of Maine, Orono. April 2010.	0	0
Olsen, Brian	October 2009	International	Olsen, B.J., M.A. Etersson, R. Greenberg. Invited Symposium Participant. Calculations on the back of an envelope model: Applying seasonal fecundity models to species' range limits. Ecological Modelling for Enhanced Sustainability in Management – Conference of the International Society for Ecological Modelling, Québec City, P. Québec, Canada.	0	0
Olsen, Brian	August 2009	National	Olsen, B.J., R. Greenberg, and J.R. Walters. August 2009. The selective forces behind bill dimorphism in the Swamp Sparrow: Natural or sexual? 127th stated meeting of the American Ornithologists' Union, Philadelphia, Pennsylvania.	0	0
Olsen, Brian	July 2009	National	Tyler, M., R. Cowan, F. Dastoor, B. Olsen, J. Lockhart, M. Harris. July 2009. Helping students understand the process of science: Using inquiry-based labs and lecture videos in a large introductory biology course. NSF-AAAS Meeting: Vision and Change in Undergraduate Biology Education. Washington, D.C.	2	0
Peterson, Michael	October 12-16, 2009	International	Christie A. Mahaffey, Mark Johnson and Michael Peterson, Use of the complex Morlet wavelet transform to characterize dynamic cetacean gaits in locomotion studies, Podium session, 18th Biennial Conference on the Biology of Marine Mammals, Society for Marine Mammalogy, Quebec, Canada, 12-16 October, 2009	1	0
Peterson, Michael	October 12-16, 2009	International	3. Michael L. Peterson, Sean K. Todd, J. Kaitlyn Allen, Christie A. Mahaffey, Jessica K. Damon, Jessica L. Hamilton and Robert D. Kenney, Assessing Geographic and Acoustic Mysticete Shipstrike Risk in the Gulf of Maine, Poster, 18th Biennial Conference on the Biology of Marine Mammals, Society for Marine Mammalogy, Quebec, Canada, 12-16 October, 2009	2	2
Robinson, Brian S.	June 20, 2009	State	2009 Climate Change and the Archaeology of Maine's Native People. Presented at the Interwoods Seasonal Training, June 20, 2009. Acadia National Park, College of the Atlantic Campus, Bar Harbor.	0	0
Roscoe, Paul B.	April 2010	International	The Conditions for Cannibalism	0	0
Roscoe, Paul B.	May 2010	Local	Culture and Climate Change: A Research Proposal	0	0
Roscoe, Paul B.	June 2, 2010	International	Remembering the Dead: The Nation-State and the Production of Honour Presented at the Ethnological Seminar, University of Lucerne, Switzerland.	0	0
Sandweiss, Dan	Nov. 2, 2009	Local	The Prehistory of El Niño in Ancient Peru. Hudson Museum Climate Change Lecture Series. Collins Center for the Arts, University of Maine.	0	0
Sandweiss, Dan	October, 2009	International	El Niño, the Sediment Cycle, and Human Impacts in North Coastal Peru. NSF Conference on "Global Perspective on Long-Term Human Ecodynamics". Humboldt Research Institute, Steuben, ME.	0	0
Sandweiss, Dan	5/3/10	Regional	El Niño in Peruvian Prehistory. Yale University, Department of Anthropology.	0	0
Sandweiss, Dan	May 19, 2010	International	External Discussant. Lake Baikal Archaeological Project Workshop. University of Alberta, Edmonton, AL Canada.	0	0



Saros, Jasmine	November 2009	International	Saros, J.E. Response of high-elevation lakes to climate change: coupled hydrologic and nitrogen cycles. Invited seminar, Lund University, Lund, Sweden.	0	0
Saros, Jasmine	August 2009	National	Guyette, M., C. Loftin, J. Zydlewski & J.E. Saros. Historical records of anadromous fish runs from sediment cores in Penobscot River watershed lakes, Maine. American Fisheries Society annual meeting, Nashville, TN.	1	0
Saros, Jasmine	August 2009	National	Kissman, C.E.H., M. Winder, C.E. Williamson & J.E. Saros. Deuterium stable isotopes: What do they reveal about food sources for Diaptomus sp. and cladocerans in alpine and subalpine lakes? Ecological Society of America annual meeting, Albuquerque, NM.	0	0
Saros, Jasmine	October 2009	International	Rose, K.C., C.E. Williamson, J.E. Saros & C. Kissman. Indicators of Allochthony in High Mountain Lakes. Global Lakes Ecological Observatory Network (GLEON) Meeting 9, Boulder Junction, WI.	1	0
Saros, Jasmine	October 2009	National	Ditzler, K.E., J.E. Saros, K.S. Simon & M.T. Kinnison. Impacts of White Perch Introductions on Food Web Dynamics: Paleolimnological and Experimental Analysis of Zooplankton Grazing and Nutrient Cycling. 29th International Symposium of the North American Lake Management Society, Hartford, Connecticut.	1	0
Saros, Jasmine	November 2009	International	Ditzler, K.E., J.E. Saros & K.S. Simon. Impacts of White Perch Introductions on Food Web Dynamics: Paleolimnological Record of Zooplankton Grazing and Nutrient Cycling. University of Nottingham Environmental and Geomorphological Sciences Research Seminar Series, Nottingham, UK.	1	0
Saros, Jasmine	March 2010	State	Ditzler, K.E., J.E. Saros, K.S. Simon & M.T. Kinnison. Impacts of White Perch Introductions on Food Web Dynamics: Paleolimnological and Experimental Analysis of Zooplankton Grazing and Nutrient Cycling. Maine Water Conference, Augusta, ME.	1	0
Saros, Jasmine	May 2010	International	Rose, K.C., Williamson, C.E., Saros, J.E., and Kissman, C.E.H. What can dissolved absorbance tell us about lake ecology? Global Lake Ecological Observatory Network (GLEON) Meeting 10, Torres, Brazil.	1	0
Saros, Jasmine	June 2010	International	Arnett, H.A., Saros, J.E. and M.A. Mast. Quantifying Surface Water Nitrate Concentrations that Elicit Diatom Community Changes in Lakes across the Rocky Mountains. American Society for Limnology and Oceanography. Santa Fe, New Mexico, USA.	1	0
Saros, Jasmine	June 2010	International	Ditzler, K.E., Saros, J.E., Simon, K.S., Kinnison, M.T. and S. McGowan. Impacts of white perch introduction on lake plankton: combining paleolimnological and whole-lake biomanipulation approaches. American Society for Limnology and Oceanography. Santa Fe, New Mexico, USA.	1	0
Saros, Jasmine	June 2010	International	Wigdahl, C.R. and J.E. Saros. Indirect effects of climate on the use of diatoms as indicators of paleosalinity in prairie regions (Great Plains, USA). American Society for Limnology and Oceanography. Santa Fe, New Mexico, USA.	1	0
Saros, Jasmine	June 2010	International	Rose, K.C., Williamson, C.E., Saros, J.E., and Kissman, C.E.H. Indicators of Allochthony. American Society for Limnology and Oceanography. Santa Fe, New Mexico, USA.	1	0
Saros, Jasmine	June 2010	International	Kissman, C.E.H., Williamson, C.E., Saros, J.E., and K.C. Rose. The Role of Climate Induced Trophic Forcing in Alpine Lake Ecosystems: Coupling Plankton Dynamics to Sediment Signals. American Society for Limnology and Oceanography. Santa Fe, New Mexico, USA.	1	0
Saros, Jasmine	June 2010	International	Slemmons, K. and J.E. Saros. Release of reactive nitrogen by melting alpine glaciers: effects on diatom diversity in lake ecosystems over the last century. American Society for Limnology and Oceanography. Santa Fe, New Mexico, USA.	1	0
Saros, Jasmine	June 2010	International	Saros, J.E., Wolfe, A.P., Clow, D.W., Rose, K.C., and C.E. Williamson. Melting Alpine Glaciers Enrich Lake Ecosystems With Reactive Nitrogen and Reduce Biodiversity. American Society for Limnology and Oceanography. Santa Fe, New Mexico, USA.	1	0
Sobolik, Kristin	May, 2010	Local	Oldest Dog in the New World, Borns Symposium, UMaine	2	0
Sorg, Marcella	2010	National	Sorg, Marcella H. William Haglund et al. (2010) Developing a Regional Forensic Taphonomy: Climatologic and Environmental Inputs.	0	0



			Annual meeting of the American Academy of Forensic Sciences, Seattle, WA		
Sorg, Marcella	2010	National	Sorg, Marcella H. (2010) Report from Maine. National Institute on Drug Abuse, Community Epidemiology Workgroup, January, 2010, San Diego, CA (invited).	0	0
Sorg, Marcella	2010	State	Sorg, Marcella H. (2010) Update on Maine's Drug Abuse Indicators. Meeting of the Maine Substance Abuse Services Commission (invited).	0	0
Sorg, Marcella	2010	Local	Sorg, Marcella H. (2010) Maine Substance Abuse Indicators with and Update on Drug-Induced Deaths in Kennebec and Somerset Counties. Meeting of the Overdose Prevention Team for Kennebec and Somerset Counties (invited).	0	0
Sorg, Marcella	2009	Regional	Sorg, Marcella H. (2009) Outdoor Scene Death Investigation in the Northeast. Meeting of the New England Division of the International Association for Identification, Freeport ME (Invited).	0	0
Sorg, Marcella	2009	Regional	Sorg, Marcella H., Harold Borns et al. (2009) Developing a Regional Forensic Taphonomy: Climatologic and Other Environmental Inputs. Climate Change Institute Annual Borns Symposium, Orono ME	0	0
Sorg, Marcella	2009	State	Sorg, Marcella H. (2009) Fire, Fragmentation and Bone. New England Seminar in Forensic Sciences, Colby College, Waterville ME.	0	0
Sorg, Marcella	2009	National	Sorg, Marcella H. (2009) Developing a Regional Forensic Taphonomy: Climatologic and Environmental Inputs. Grantees Meeting, National Institute of Justice. Department of Justice, Bethesda MD.	0	0
Sorg, Marcella	2009	State	Sorg, Marcella H. (2009) Maine Taphonomy Workshop Overview. Interdisciplinary Team Workshop on Developing Regional Taphonomic Standards for the Northeast. Maine Criminal Justice Academy, Vassalboro, ME.	0	0
Sorg, Marcella	2009	National	Brogdon, B.G. Marcella H. Sorg, and Kerriann Marden (2009) Fingering a Murderer: A Successful Anthropological and Radiological Collaboration. Annual Meeting of the American Academy of Forensic Sciences, Denver, CO.	0	0
Zaro, Gregory D.	May 6, 2010	Local	Zaro, Gregory and Alissa M. Dubois (2010). Desert Resource Management and Punctuated Environmental Change in Prehispanic and Spanish Colonial Peru. Paper presented at the 18th Annual Harold W. Borns, Jr., Symposium, Climate Change Institute, Orono, ME, May 6-7, 2010.	0	1
Zaro, Gregory D.	April 16, 2010	National	Houk, Brett A. and Gregory Zaro (2010). Architectural change and stasis at an ancient Maya center: Evaluating construction history at La Milpa, Belize. Paper presented at the 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri, April 14-18, 2010	0	0
Zaro, Gregory D.	July 2, 2009	International	Houk, Brett A. and Gregory Zaro (2009). Architectural history and ritual planning at La Milpa: a reconsideration. Paper presented at the 7th Annual Meeting of the Belize Archaeology Symposium, Belize City, Belize, July 1-3, 2009.	0	0

CONFERENCES/SYMPOSIA/MEETINGS ATTENDED: INTERNATIONAL/NATIONAL/REGIONAL/STATE/LOCAL

Name	Date	Scope	Conference	Location	GS	US
Belknap, Daniel F.	October 18-21, 2009	International	Geological Society of America Annual Meeting and Exposition www.geosociety.org/meetings	Portland, Oregon, USA	2	0
Belknap, Daniel F.	March 14-16, 2010	Regional	Geological Society of America Joint Northeast-Southeast Section Meeting www.geosociety.org/sectdiv/northe/2010mtg/	Baltimore, MD	2	8



Belknap, Daniel F.	March 22, 2010	State	Maine Sea Grant Symposium 2010: Marine Science that Matters www.seagrant.umaine.edu	Wells Conference Center, University of Maine, Orono, ME	2	0
Belknap, Daniel F.	May 7-8, 2010	Local	17 th Annual Harold Borns Symposium, Climate Change Institute, University of Maine http://www.climatechange.umaine.edu/	UMaine, Graduate School, Stodder Hall	3	0
Chawathe, Sudarshan S.	October 2009	International	The 12th International IEEE Conference on Intelligent Transportation Systems (ITSC).	St. Louis, Missouri.	0	0
Chawathe, Sudarshan S.	May 2010	International	METROSIMPOSIO 2010 SIMPOSIO DE TECNOLOGÍAS E INGENIERÍAS PARA EL METRO DE BOGOTA	Bogota, Colombia	0	0
Chawathe, Sudarshan S.	June 2010 (scheduled)	National	Inspire-CT 2010 - Inspiring Student Interest in Computational Thinking An NSF-Supported Faculty Workshop on Vertically Integrated Student Teams	Lubbock, Texas	0	0
Chawathe, Sudarshan S.	October 2009	International	IEEE Intelligent Transportation Systems Society's Board of Governors Meeting.	St. Louis, Missouri.	0	0
Chawathe, Sudarshan S.	October 2009	International	IEEE Intelligent Transportation Systems Society's Executive Committee Meeting.	St. Louis, Missouri.	0	0
Fastook, James L.	9/28- 10/1/2009	International	West Antarctic Ice Sheet Workshop WAIS: Past Meetings	Seattle, Wa	0	0
Fastook, James L.	Oct 19-22 2009	International	2009 GSA Annual Meeting http://www.geosociety.org/meetings/2009/	Portland, OR	0	0
Fastook, James L.	Dec 14-18 2009	International	2009 Fall AGU http://www.agu.org/meetings/fm09/	San Francisco, CA	0	0
Fastook, James L.	March 1-5,2010	International	41st Lunar and Planetary Science Conference http://www.lpi.usra.edu/meetings/lpsc2010/	The Woodlands, TX	0	0
Hall, Brenda	September 2009	International	Comer Science and Education Foundation Abrupt Climate Change Meeting	Soldiers Grove, Wisconsin	1	0
Hall, Brenda	November 2009	International	Climate-Glacier-Society Conference	Lamont-Doherty Earth Observatory, Palisades, NY	1	0
Hamilton, Gordon	10/09-10/09	Regional	Tampa Bay Science and Information Symposium	St Petersburg, FL	0	0
Hamilton, Gordon	10/10-11/09	State	Florida Audobon Annual Meeting	Tampa Bay, FL	0	0
Hamilton, Gordon	12/13-18/09	International	American Geophysical Union Fall Meeting	San Francisco, CA	3	0
Hamilton, Gordon	01/21-22/10	State	North Carolina Sea Level Rise Forum	Raleigh, NC	0	0
Hamilton, Gordon	01/27-29/10	International	Arctic Frontiers	Tromso, Norway	0	0
Hamilton, Gordon	02/23-26/10	International	American Geophysical Union Ocean Sciences Meeting	Portland, OR	0	0
Hamilton, Gordon	03/25-26/10	International	Greenland Ice Sheet Workshop	Copenhagen, Denmark	0	0
Hamilton, Gordon	04/08-09/10	National	Midwest Glaciology Meeting	Woods Hole, MA	5	0
Hooke, Roger	10/18-21/ 2009	International	Geological Society of America annual meeting	Portland, OR	0	0
Hooke, Roger	11/5/2009	State	Geological Society of Maine fall meeting	Farmington, ME	0	0
Hooke, Roger	May 7-8, 2009	Other/Special	Annual CCI Borns Symposium	Orono	0	0



Hooke, Roger	June 2-3, 2009	Local	Review of alluvial fan risk assessment plan for Maricopa County, Arizona	Phoenix, AZ	0	0
Kelley, Joseph	July 10, 2009	State	State of Maine's Beaches	South Portland	0	0
Kelley, Joseph	July 12, 2009	Regional	Northeast Agricultural Colleges	Portland, ME	0	0
Kelley, Joseph	Oct. 4-9, 2009	International	Gulf of Maine Symposium: Advancing Ecosystem Research in the Gulf of Maine	St Andrews, New Brunswick, CA	0	0
Kelley, Joseph	Oct. 18-21, 2009	International	Geological Society of America, 2009 Portland GSA Annual Meeting	Portland, OR	0	0
Kelley, Joseph	3/13-16/2010	Regional	Northeast Section (combined with Southeast) Geological Society of America	Baltimore, MD	0	0
Kelley, Joseph	June 19, 2010	State	Interprewoods	Acadia National Park	0	0
Kreutz, Karl	May 6-7 2010	Local	Borns Symposium	UMaine	3	2
Kreutz, Karl	3/23-25/ 2010	National	Ice core working group meeting	Denver, CO	0	0
Kreutz, Karl	March 2-3 2010	National	Ice drilling program office senior advisory board meeting	Washington, DC	0	0
Kreutz, Karl	Dec. 10-14 2009	International	American Geophysical Union meeting	San Francisco, CA	2	0
Kreutz, Karl	Oct. 2-3 2009	National	WAIS Divide science meeting	San Diego, CA	1	0
Kreutz, Karl	July 6-9 2009	International	PAGES Open Science Meeting	Corvallis, OR	0	0
Maasch, Kirk	December 2009	National	American Geophysical Union Fall Meeting http://www.agu.org/meetings/fm09/	San Francisco, CA	0	0
Maasch, Kirk	May 6-7 2010	Local	18th Hal Borns Symposium http://cci.um.maine.edu/ocs/index.php/Borns2010/2010/schedConf/schedule	Orono, ME	0	0
Maasch, Kirk	May 12-13 2010	State	Maine's Sustainability Solutions Initiative Research Retreat	Orono, ME	0	0
Maasch, Kirk	June 14-16 2010	International	Workshop on Polar to Tropical Connections http://www.polartropical.org/	Castine, ME	0	0
Ocampo-Raeder, Constanza	March 2010	Regional	8th Annual New England Latino Leadership Conference.	University of Maine, Orono.	0	0
Ocampo-Raeder, Constanza	April 2010	International	"Violence in Latin America" Annual Colby Latin American Studies Symposium	Colby College, Lewiston, ME	0	0
Ocampo-Raeder, Constanza	April 2010	State	"1810 Declaration of Independence" Latin American Studies Symposium	Bowdoin College, Brunswick, ME	0	0
Olsen, Brian	October 2009	International	Ecological Modelling for Enhanced Sustainability in Management – Conference of the International Society for Ecological Modelling	Québec City, P. Québec, Canada	0	0
Olsen, Brian	August 2009	National	127th stated meeting of the American Ornithologists' Union	Philadelphia, PA, USA	0	0
Oswald, Gordon	10/08/2010	Local	Initial collaborative research meeting with colleagues from CReSIS, University of Kansas.	University of Kansas	0	0
Roscoe, Paul B.	April 2010	International	Annual conference of the Society for American Archaeology	St Louis, MO	0	0
Roscoe, Paul B.	May 2010	State	Borns Symposium	Orono, Maine	0	0



Sandweiss, Dan	October 15-18, 2009	International	Global Perspectives of Long-term Human Ecodynamics, sponsored by the US National Science Foundation Office of Polar Programs Arctic Social Sciences Program	Humboldt Research Center at Eagle Hill, Maine	0	0
Sandweiss, Dan	December 2-5, 2009	International	Council of Graduate Schools Annual Meeting	San Francisco, CA	0	0
Sandweiss, Dan	April 14-18, 2010	International	Society for American Archaeology Annual Meeting	St. Louis, MO	0	0
Sandweiss, Dan	May 18-20, 2010	International	Lake Baikal Archaeological Project Workshop	University of Alberta, Edmonton AL Canada	0	0
Schauffler, Molly	October 2009	State	Maine Science Teachers Association	Gardiner ME	0	0
Schauffler, Molly	June 2010	National	Integrating science and mathematics research into teaching	UMaine	5	0
Sobolik, Kristin	October, 2009	National	University Corporation for Atmospheric Research (UCAR) Annual Meeting	Boulder, CO	0	0
Vandergoes, Marcus	February 2010	International	VI Southern Connections Congress	Bariloche, Argentina.	0	0
Zaro, Gregory D.	October 3-4, 2009	Regional	28th Annual Meeting of the Northeast Conference on Andean Archaeology and Ethnohistory	New Paltz, New York	0	1
Zaro, Gregory D.	July 1-3, 2009	International	7th Annual Meeting of the Belize Archaeology Symposium	Belize City, Belize	0	0

RESEARCH EXPEDITIONS AND FIELD TRIPS

Name	Date	Description	GS	US
Belknap, Daniel F.	06/25 - 07/01/2009	Geophysical surveying of Lough Swilly, Ireland with Joe Kelley (UMaine) and Andrew Cooper et al. of University of Ulster, Coleraine, funded by UUC research funds.	0	0
Belknap, Daniel F.	07/13-07/23/2010	Reconnaissance of glaciers and glaciated landscapes in southeastern Alaska. Self-funded.	0	0
Belknap, Daniel F.	08/09/09	Geological Society of Maine Summer Field Trip, Camden-Rockport region, led by Henry Berry, Maine Geological Survey.	0	0
Belknap, Daniel F.	09/12/09	ERS-200 Earth Systems class field trip to Acadia National Park, with other class professors Peter Koons and Chris Gerbi, with 10 students and 1 TA.	1	10
Belknap, Daniel F.	03/10/10	Field trip to Popham Beach - Morse River Inlet to inspect area of concern to Maine Geological Survey and State Park for continuing severe erosion. Self-funded.	0	0
Belknap, Daniel F.	04/22-04/23/10	Walpole, Maine, Darling Marine Center. ERS-317 Geophysics field trip to demonstrate marine geophysical equipment in the Damariscotta River aboard the UMaine research vessel R/V Ira C, with Prof. Peter Koons and his class members. Second day - coastal geology field trip examining related onshore environments and features.	0	12
Belknap, Daniel F.	04/24/10	ERS-534 Coastal Sedimentology class field trip to west-central coastal Maine.	5	0
Belknap, Daniel F.	05/14/10	Geoarchaeology research at Makowski Farm, Costigan ME, with former student Peter Leach, UM faculty Alice Kelley and Brian Robinson. 1 graduate student. and 1 technical assistant. Training on new Ground Penetrating Radar svstem. and use for practical	1	0



		surveying at Robinson's long-term research site on the bank of the Penobscot River.		
Chawathe, Sudarshan S.	September 2009	Annual field trip of the Climate Change Insitute. Bryant Pond, Maine.	0	0
Denton, George	June and July, 2009	Expedition to the eastern Sierra Nevada mountains in California and to the Wind River mountains in Wyoming. The purpose was to collect samples for exposure dating of moraines deposited at the height of the last ice age, as well as during the last glacial/interglacial climate transition. Vehicles were used for transportattion to the last glacial moraines. Horses were used for transportation to the high plateau of the Sierra Nevada.	3	0
Denton, George	January and February, 2010	Southern Alps of New Zealand. The purpose was to collect samples for exposure dating of moraines and to map the glacial geomorphogy of the central Southern Alps. Transportation in the field areas in the Mackenzie Basin and in the Arrowsmith Range was by vehicle and helicopter.	2	0
Denton, George	June, 2010	Expedition to the Tien Shen Mountains of western China. The purpose was to collect exposure-age samples from moraine sets in order to develop the chronology of the last glacial maximum in central Asia.	1	0
Denton, George	April, 2010	Expedition to the Southern Patagonian Icefield to collect samples for exposure dating of Holocene moraines, thus developing the recent history of the ice field, which is thought to be contributing a major fraction of the water that is contributing to sea-level rise.	0	0
Hall, Brenda	July 2009	Trip to examine and collect samples from glacial deposits in the Wind River Range, Wyoming	2	0
Hall, Brenda	Dec.-Jan. 2009/2010	Field work in the Dry Valleys of Antarctica, collecting and characterizing glacial sediments	2	0
Hamilton, Gordon	07/31/09-08/08/09	East Greenland: glaciological fieldwork on Helheim Glacier	0	0
Hamilton, Gordon	08/18/09-08/26/09	East Greenland: glaciological fieldwork on Helheim and Kangerdlugssuaq glaciers	1	0
Hamilton, Gordon	08/28/09-09/14/09	East Greenland: Glaciological fieldwork on Vestfjord and Nioghalvfjærdsfjorden glaciers, Greenpeace Arctic Impacts science cruise.	0	0
Hamilton, Gordon	05/15/10-05/28/10	Alaska: glaciological fieldwork on Hubbard Glacier	0	0
Hooke, Roger	October 7-11	Visiting alluvial fans in southern California with J. P. Milana of Argentina. I studied these fans in 1963-4 and some of the processes I derscribed have been questioned. Milana wanted to see the fans first hand, as he has seen similar processes elsewhere.	0	0
Hooke, Roger	October 12-16, 2009	Participated in a Geological Society of America field trip to view results of the catastrophic Missula foods in the channeled scablands of eastern Washington (state).	0	0
Hooke, Roger	October 22-24	Participated in a Geological Society of America field trip to view breccias on Whidby Island, Washington (state). These features are attributed by some to glacial outburst floods.	0	0
Kelley, Alice	6/1/2010 - 8/25/10	Mapping in the Bucksport ME 7.5' Quadrangle	0	0
Kelley, Joseph	June 27-July 1, 2009	Geophysical Cruise, Lough Swilly, Republic of Ireland	0	0
Kelley, Joseph	October 22-23, 2009	Geo-hazards of the Oregon Coast, Geological Society of America Annual Meeting	0	0
Kelley, Joseph	July 25-27, 2009	Geophysical Cruise, Belfast Bay, ME with US Geological Survey	0	0
Kreutz, Karl	May 2010	Glaciology fieldwork in Denali National Park	3	1
Kurbatov, Andrei	August, 2009	Kangerlussuaq, Greenland	0	2
Kurbatov, Andrei	Nov. -Dec. 2009	Allan Hills, Antarctica	2	0
Kurbatov, Andrei	February-March, 2010	Tupungatito volcano, Chile	4	0



Mayewski, Paul	February 4 - March 4, 2010	Reconnaissance Ice Coring, Tupungatito, Chilean Andes	4	1
Mayewski, Paul	August 15 - August 30, 2010	Western Greenland Ice Sampling	0	2
Ocampo-Raeder, Constanza	Summer 2009	Ethnographic research in traditional fishing villages of the Northern Coast of Peru (Piura)	0	0
Robinson, Brian S.	June 2009	Archaeological Field School in Machias Maine with 11 undergraduate students and 3 graduate students. Four weeks of intensive archaeological field work. MAPI funded field school. Funding extended.	0	11
Sandweiss, Dan	July 24-August 12, 2090	Fieldwork in the Supe Valley, Peru, on environmental change and cultural change in the Late Preceramic Period. With M.E. Moseley, D.K. Keefer, and C.R. Ortloff	0	0
Saros, Jasmine	July 6-18, 2009	Field expedition to the Beartooth Mountains of Montana to conduct research as part of NSF-funded project.	3	0
Saros, Jasmine	July 19-30, 2009	Field expedition to Glacier National Park to conduct research on glacially-fed lakes as part of an NSF-funded project	1	0
Saros, Jasmine	August 3-13, 2009	Field expedition to Isle Royale National Park in Lake Superior to conduct research as part of an NPS-funded project	2	0
Saros, Jasmine	Nov. 1-15, 2009	Field expedition to Torres del Paine National Park in Patagonia, Chile, to conduct field research as part of a project funded by a Churchill award	2	0
Vandergoes, Marcus	December 2009	Collection of modern lake sediment samples from small lakes in North Island, New Zealand. These sites contribute to the extension of our modern lake dataset.	0	0
Vandergoes, Marcus	December 2009	Collection of sediment cores from lakes in North Island, New Zealand. Collaboration with Kat Holt, Massey University, New Zealand addressing the timing of Holocene climate change.	0	0
Vandergoes, Marcus	July 2009	Collection of 3-5m lake sediment cores Lake Ohau, South Island, New Zealand, as pilot investigation for deep drilling of large glacial lake systems in New Zealand.	0	0
Zaro, Gregory D.	May 21, 2010--June 30, 2010	La Milpa Core Project. Archaeological Excavations at the Ancient Maya Site of La Milpa, Belize.	0	0
Zaro, Gregory D.	January 31, 2010--May 1, 2010	Desert Resource Management and Punctuated Environmental Change in Prehispanic and Spanish Colonial Peru. Archaeological Excavations at the Cola de Zorro Archaeological Site, Department of Arequipa, Peru	0	1

OTHER INDICATORS

Name	Description
Dieffenbacher-Krall, Ann	I attended a short course, Analysis of Environmental and Biological Data, at University College, London, in May 2009. I spent several days (April 2009) using the extensive chironomid reference collection housed at the University of New Brunswick, Fredericton, to develop a regional taxonomy and a collaborative regional photographic reference database.
Mayewski, Paul Sandweiss, Dan.	Many invited lectures noted later. Visit to Montenegro (new country in Balkans) to explore cultural and educational exchange. Sponsored by the Maine National Guard Country Partnership Program and hosted by the U.S. Embassy in Podgorica, Montenegro. With Eric Rolfson. July 5-10, 2009.



MEDIA PRESENTATIONS CREATED

Name	Type	Description	GS	US
Chawathe, Sudarshan S.	Web site.	Designed, implemented, edited, and maintained the Computer Science Department Web site. http://www.cs.umaine.edu/	0	0
Kurbatov, Andrei	Web site	Allan Hills Project web site http://cci.um.maine.edu/2MBIA/	1	2
Kurbatov, Andrei	Web site	International PTC program initiated by Climate Change Institute http://www.polartropical.org/	0	0

SERVICE: TO PROFESSION/DEPARTMENT/COLLEGE/UNIVERSITY SYSTEM/ STATE GOVERNMENT AGENCIES/ GENERAL PUBLIC & LOCAL CUMMUNITIES/ PRE K-12 EDUCATION

To Profession:

Name	Type	Description
Belknap, Daniel F.	Conference Section Chair	Geological Society of America Annual Meeting, Portland, Oregon. October 18, 2010. Co-Convenor (With Dr. Daniel J. Stanley, Smithsonian Institution) of Theme Session T131 - Ancient Coastal and Subsea Sites: New Findings and Problems (GSA Archaeological Geology Division and Smithsonian Institution).
Belknap, Daniel F.	Professional Association Officer	President, Northeast Section of the Geological Society of America
Chai, Fei	Advisory Board	International Advisory Committee for the State Key Lab at the Xiamen University, China
Chai, Fei	Advisory Board	International Advisory Committee For a 973 Research Project at the Ocean University of China.
Chai, Fei	Conference Section Chair	PICES Annual Meeting in Jeju Island, South Korea.
Chai, Fei	Conference Section Chair	International Symposium on Boundary Current Dynamics: its connection with open-ocean and coastal processes and responses to global climate change. Qingdao, China.
Chai, Fei	Conference Section Chair	8th Cross-Strait Conference on Marine Research in Taiwan.
Chai, Fei	Editorial Board	Biogeosciences.
Chai, Fei	Editorial Board	Acta Oceanologica Sinica.
Chawathe, Sudarshan S.	Professional Association Officer	1/2005–present. IEEE Intelligent Transportation Systems Society (ITSS). Member of the Board of Governors.
Chawathe, Sudarshan S.	Award Committee Member	2/2007–present. IEEE Intelligent Transportation Systems Society (ITSS). Member, Dissertation Award Committee.
Chawathe, Sudarshan S.	Professional Association Committee	1/2009–present. IEEE Intelligent Transportation Systems Society (ITSS). Vice President for Administrative Activities.



Chawathe, Sudarshan S.	Professional Association Committee	10/2008--present. ITSS Award Selection Committee for IEEE ITSS Best Practice Award for Engineers.
Chawathe, Sudarshan S.	Editorship	Associate Editor, IEEE Transactions on Intelligent Transportation Systems.
Chawathe, Sudarshan S.	Conference Chair/Co-Chair	Finance Chair, IEEE Intelligent Vehicles Symposium 2011.
Chawathe, Sudarshan S.	Program Committee Member	IEEE International Conference on Intelligence and Security Informatics. Vancouver, BC. May 2010.
Chawathe, Sudarshan S.	Program Committee Member	The 2010 ACM SIGMOD/PODS Conference: Indianapolis, Indiana. Demonstrations Program Committee. June 2010.
Denton, George	Advisory Board	Comer Science and Educational Foundation Climate Program
Denton, George	Roundtable Member	Member of the Comer Panel on Abrupt Climate Change
Denton, George	Editorial Board	Geografiska Annaler
Denton, George	Grant Review Board Member	Reviewed grants for the National Science Foundation and the Comer Science and Education Foundation
Fernandez, Ivan	Professional Association Committee	Nyle C. Brady Frontiers of Soil Science Lectureship Committee (S711.16), Soil Science Society of America (2010 – 2011)
Hall, Brenda	General/Other	U.S. Representative to the Scientific Committee on Antarctic Research, chosen by the Polar Research Board of the National Academy of Sciences. SCAR is an international body tasked by governments to develop a coordinated scientific plan for Antarctica
Hall, Brenda	General/Other	Review of ~20 papers per year for leading journals.
Hall, Brenda	General/Other	Review of ~15 proposals per year for the National Science Foundation
Hall, Brenda	General/Other	Mentoring of new Antarctic researcher
Hamilton, Gordon	Editorship	Journal of Geophysical Research
Hamilton, Gordon	Advisory Board	NASA Operation IceBridge Science Working Group
Hamilton, Gordon	Grant Review Board Member	NASA Interdisciplinary Science (Sea Level Rise) panel
Hamilton, Gordon	Advisory Board	NSF WISSARD science advisory board
Hooke, Roger	Translation/Interpretation	Extensively revised English language in manuscript, "Properties and periglacial processes in alpine meadow soils, western Nyainqentanglha Mountains, Tibet by Wang Liqiang and Yi Chaolu
Kelley, Alice	Program Committee Member	Planning for New England Inter-Collegiate Geological Conference, October 1-3, 2011
Kelley, Joseph	Editorial Board	Associate Editor, Journal of Coastal Research
Kelley, Joseph	Advisory Board	Hudson Museum
Kelley, Joseph	Advisory Board	Research Fellow, Program for the Study of Developed Shorelines Western Carolina University, 2010-present
Koons, Peter	Grant Review Board Member	Reviewer for NSF proposals to programs in Continental Dynamics, Geophysics, Tectonics, Land Dynamics
Koons, Peter	General/Other	Reviewer/Associate Editor: for Earth and Planetary Sciences Letters, GEOLOGY, Journal of Geophysical Research, TECTONICS
Kreutz, Karl	Advisory Board	Senior advisory board member, Ice Drilling Program Office
Kreutz, Karl	Panel Chair	Chair, U.S. Ice Core Working Group



Mayewski, Paul	General/Other	Leader - ITASE (International Trans Antarctic Scientific Expedition)
Mayewski, Paul	General/Other	Leader - CASA (Climate of South America and the Antarctic)
Mayewski, Paul	General/Other	US Representative - Climate of the Magalanes Region South America
Norton, Stephen	Conference Chair/Co-Chair	BIOGEOMON2012 - International conference to be held in 2012 in Northport, Maine. Co-organizer with Professor Ivan Fernandez
Norton, Stephen	Editorial Board	Environmental Monitoring and Assessment
Olsen, Brian	Advisory Board	Sinauer Publishing, "Life", 9th edition (2009-2010)
Sandweiss, Dan	Editorship	Founding Editor, Andean Past (Cornell Latin American Studies Program)
Sandweiss, Dan	Editorial Board	Editorial Board Member, Chungará Revista de Antropología Chilena
Sandweiss, Dan	Editorial Board	Editorial Board Member, Latin American Antiquity (published by the Society for American Archaeology)
Sandweiss, Dan	Professional Association Committee	Chair, Latin American Antiquity Editor Search Committee, Society for American Archaeology
Sandweiss, Dan	Conference Chair/Co-Chair	Special Advisor to the Board - Organizer of the First SAA Intercontinental Conference, Society for American Archaeology
Sandweiss, Dan	Professional Association Committee	Publications Committee, Society for American Archaeology
Sandweiss, Dan	Professional Association Committee	Committee on the Americas Advisory Council, Society for American Archaeology
Sandweiss, Dan	Advisory Board	R.S. Peabody Museum of Archaeology, Phillips Academy, Andover MA.
Sandweiss, Dan	General/Other	External Reviewer, University of South Florida Department of Anthropology
Sandweiss, Dan	General/Other	Tenure evaluation letter for Melissa Goodman-Elgar, Washington State University
Sandweiss, Dan	General/Other	Support letter for Scott M. Fitzpatrick for Alumni Association Outstanding Research Award, North Carolina State University
Sandweiss, Dan	General/Other	Letter of support for Calogero Santoro for Dumbarton Oaks (8 month) fellowship
Sandweiss, Dan	General/Other	I operate an Andean Studies email information distribution list.
Sandweiss, Dan	General/Other	Nominated as one of two candidates for President of the Society for American Archaeology (not elected).
Saros, Jasmine	Panelist	NSF Panelist, Fall 2009 Population and Community Ecology Panel.
Saros, Jasmine	Co-organizer	Co-organizer along with Dr. Ruben Sommaruga (University of Innsbruck-Austria) of a special session entitled "Alpine waters: are they still nice?" for the 2009 meeting of the American Society of Limnology and Oceanography, Nice, France.
Saros, Jasmine	Associate Editor	Associate Editor for <i>Hydrobiologia</i> , overseeing any papers dealing with paleolimnology. I handled approximately 20 papers this year.
Saros, Jasmine	Ad-hoc Reviewer	Ad-hoc reviewer for several journals and various NSF panels, as well as the UK's NERC.
Saros, Jasmine	Board Member	Elected Board Member of the International Society for Salt Lake Research, currently serving second term.
Zaro, Gregory D.	General/Other	Grant Proposal Reviewer, National Science Foundation



To Department:

Name	Description
Belknap, Daniel F.	Chair, Climate Change Institute Peer Review Committee Member, Earth Sciences Peer Review and Policy Advisory Committee
Chawathe, Sudarshan S.	Computer Science Department Committees, University of Maine. * Curriculum * Space & equip (chair) * Colloquium * Graduate * PAC * PEER * Faculty Recruiting (chair) * Stillman Scholarship Committee.
Denton, George	Member of Policy Advisory Committee of Climate Change Institute
Dieffenbacher-Krall, Ann	Serve as director of the Paleocology Research Laboratory. Building Manager for CCI portions of Sawyer building and emergency response coordinator for ice-core freezer. Co-leader, Annual Climate Change Institute field trip to Bryant Pond, September 2009. Conducted field demonstrations of lake coring technique and microscopic review of chironomid remains.
Fastook, James	Graduate, Peer
Fernandez, Ivan	Peer Committee Graduate Faculty Building Manager, Potato Storage Building
Hall, Brenda	Peer-review committee – Earth Sciences Graduate Committee – Earth Sciences Climate and Culture degree program committee – Earth Sciences Peer-review committee - Climate Change Institute Graduate Committee - Climate Change Institute Joint Peer-review committees for Anthropology/CCI and Biology/CCI
Hamilton, Gordon	Chair, ad hoc committee on website (Climate Change Institute)
Hooke, Roger	Taught one pro bono course and am a member of 4 graduate student thesis committees (without compensation).
Kelley, Alice	Undergraduate Coordinator - student advising
Kelley, Joseph	Chair of Department of Earth Sciences
Koons, Peter	Curriculum Committee Undergraduate Adviser Chair : Peer Committee



	Peer Committee: Climate Change Institute Policy Action Committee: Climate Change Institute
Kreutz, Karl	CCI graduate committee ERS undergraduate advisor ERS Strategic planning committee CCI Churchill Fund committee
Kurbatov, Andrei	Co-organizer for annual Climate Change Institute Harold W. Borns conference
Maasch, Kirk	Climate Change Institute Policy Advisory Committee Department of Earth Sciences Graduate Committee
Mayewski, Paul	Director, Climate Change Institute
Ocampo-Raeder, Constanza	Anthropology Department: I am actively engaged in the development of two new programs in the department (undergraduate degree in Climate Change and Culture and a doctoral program in Anthropology and Environmental Policy). I have also been involved in activities for prospective and incoming accepted students in representation of my department. Hudson Museum: As an Associate Curator, I collaborate actively with the Hudson Museum by designing activities aimed to connect course themes with museum resources.
Olsen, Brian	Curriculum Committee Member SBE Seminar Series Co-Coordinator Accepted Honors Students Day Presenter Accepted Students Day Presenter
Robinson, Brian S	Serves on Policy Advisory Committee to the Anthropology Department, and advisory to the Anthropology Club
Roscoe, Paul B.	Policy Advisory Committee Various activities and presentations in connection with the department's proposal to initiate a Ph.D. program in Anthropology and Environmental Policy Chaired Brian Robinson's tenure committee Sat on or chaired several peer-review committees.
Sandweiss, Dan	For Anthropology Department: Member, Peer Review Committee for Brian Robinson For Climate Change Institute: Co-chair, Churchill Exploration Fund Selection Committee Member, Policy Advisory Committee
Schauffler, Molly	Respond to inquiries about climate education and resources Connect CCI graduate students with science teachers
Sobolik, Kristin	Chair of Anthropology Associate Director of the Climate Change Institute Organize Climate Change Science Day Initiate and Develop undergraduate program in Climate Change and Culture with the Department of Earth Sciences Develop Ph.D. program in Anthropology and Environmental Policy



Zaro, Gregory D. Graduate Coordinator, M.S. in Quaternary and Climate Studies, Climate Change Institute

To College:

Name	Description
Belknap, Daniel F.	Not this year
Chai, Fei	Ecosystem Modeler Search Committee
Chawathe, Sudarshan S.	2009-04--present. CLAS instructional technology committee 2009-01--present. CLAS Committee on Admissions, Advising, and Retention. 2010-01--present: CLAS committee on Digital Curation certificate program. 11/2005--present. Support for Science Students, University of Maine. Member, Faculty Advisory Board. Advising a residential education and support program for students studying science. 2/2007--5/2007. College of Liberal Arts and Sciences, University of Maine. Member, Chair Search Committee. 9/2006--present. College of Liberal Arts and Sciences, University of Maine Member, Faculty Awards Committee. 5/2010--present. Working with Charlsye Smith Diaz and Dylan Dyer of the English department to design and implement a Web-based grading and assessment application for their large courses.
Fernandez, Ivan	Maine Agricultural and Forest Experiment Station Research Council (2005-present) Member – NSFA Graduate Awards Selection Committee
Kelley, Alice	Undergraduate Coordinator - student recruiting
Koons, Peter	Curriculum Committee (stepped down 9/2009)
Kreutz, Karl	S3 advisory board SECRL advisory board Honors college lectures, Fall 2008
Ocampo-Raeder, Constanza	Women Studies Program: I continue to participate in lecture series and as a guest lecturer for individual courses (ethics and ethnographic methods) offered in this program.
Olsen, Brian	Department of Wildlife Ecology Seminar Series – April 2010. “Habitat as Social Architect: How spatial variability could drive behavior, evolution, and management”. Panel Discussion Member on "Getting an Academic Job". - October 2009, College of Natural Sciences, Forestry, & Agriculture.
Schauffler, Molly	Promote STEM careers and STEM education through the Science program development at the Hutchinson Center.



To University:

Name	Description
Belknap, Daniel F.	Faculty Senate Chair, Faculty Senate University Environment Committee Faculty Senate Executive Committee Faculty Senate Academic Affairs Committee
Chai, Fei	Faculty Senate
Chawathe, Sudarshan S.	9/2006–present. University Club, University of Maine; Member, Executive Committee; (Vice-president, 2008--2009; President 2009--2010) 9/2008--present. Volunteer for Maine Hello.
Fernandez, Ivan	University of Maine Research Council (2006-present) Chair: Faculty Subcommittee on Faculty Salary Incentives Program (2007- present) Search Committee, Grants and Contracts Specialist, ORSP University of Maine Representative to the National Park Service North Atlantic Cooperative Ecosystem Studies Unit (2005-present) Advisory Board: Environmental Chemistry Laboratory (2004-present) Ecology and Environmental Science Boyle Prize Selection Committee Presidential Outstanding Teaching Award Committee
Hall, Brenda	Faculty Research Grants Committee
Kelley, Alice	Undergraduate Coordinator - student recruiting
Kelley, Joseph	Hudson Museum Board of Advisors
Kreutz, Karl	Faculty Senate, elected member Center for Teaching Excellence New Faculty mentor program High Tech Equipment Committee
Maasch, Kirk	Member, Hudson Museum Advisory Board
Mayewski, Paul	Adjunct Curator, Hudson Museum
Ocampo-Raeder, Constanza	Honors College: In addition to being a member of the Honors Council I am actively involved in efforts to foster and promote undergraduate research through the creation of research grants and workshops. I serve in the Honor's College Thesis Research and Travel Grant as well as run a yearly ethics and ethnographic methods workshop for CUGR (Center for Undergraduate Research).
Olsen, Brian	UMaine Student Chapter of the Wildlife Society – March 2010. “What can I do with a degree in wildlife ecology?”.
Robinson, Brian S.	The MAPI Archaeological Field School represents a University outreach program.
Roscoe, Paul B.	Co-taught the Camden Conference course on the Afghanistan/Pakistan conflict. Although I will receive some payment for co-teaching this course, I did it as a service to the College and University, most certainly NOT for the remuneration (!)
Sandweiss, Dan	Chief Cooperating Curator, Hudson Museum Board of Cooperating Curators Chair. Provost's International Advisory Team



Chair, Dean of Libraries Joyce Rumery Reappointment Review Committee
 Co-Chair, Cultural Affairs/Distinguished Lecture Series Committee
 Member, Academic Affairs Program Prioritization Committee (APPWG)
 Member, Native American Studies Programs Strategic Planning Committee
 Member, Provost's Tenure & Promotion Advisory Committee
 Member, University Research Council
 Member, President's Senior Staff
 Member, Provost's Executive Staff
 Member, Provosts Council
 Member, Collins Center for the Arts Advisory Board (ex officio)
 Member, Student Learning Outcomes Assessment (SLOA-I) Committee
 Member, Graduate Rate and Retention Improvement Committee (GRRIT)
 Member, Irving Chair Review Committee
 Member, Saunders Professorship Review Committee
 Member, Bird & Bird Professorship Review Committee
 Etc.

Saros, Jasmine

Chair, Search Committee for the Ecological Modeler faculty position that will be a joint position between the Sustainability Solutions Initiative and SBE. The committee includes faculty from SBE, SMS, WLE, and Forestry.
 Member, Graduate Admissions Committee for CCI.
 Member, Curriculum Committee in SBE in 2008-09, and Chair of sub-committee that successfully developed a new concentration in Ecology for the Biology B.S. Member.
 Search Committee for the Director & Associate Director of SBE.
 SBE seminar co-coordinator for 2008-09.
 Academic advisor for 20 SBE undergraduates.
 Organizer of the 2009 CCI field trip to Bryant Pond for 82 people (members & their families).
 Member of advisory committees for the following graduate students:
 UMaine: Sam Belknap (M.S., CCI); Mick Demi (M.S., EES); Margaret Guyette (Ph.D., WLE); Bjorn Lake (Ph.D., Civil Engineering); Quenton Tuckett (Ph.D., SBE); Regina Rancatti (Ph.D., SBE); Miami of Ohio: Kevin Rose (Ph.D., Zoology)

Sobolik, Kristin

University Research Council
 Strategic Plan Committee of URC
 Interdisciplinary Academic/Research Centers Committee of URC
 Presidential Outstanding Teaching Award Committee
 Hudson Museum Cooperating

Zaro, Gregory D.

Graduate Board Member



To State Legislature:

Name	Description
Hamilton, Gordon	Two invited presentations at the US Senate.

To State Government Agencies:

Name	Description
Belknap, Daniel F.	Gubernatorial Appointee to Reserve Management Authority of the Wells National Estuarine Research Reserve (since 1999, reappointed for 3 yrs in 2009), meets quarterly.
Fernandez, Ivan	Maine State Board of Certification for Geologists and Soil Scientists – Augusta, Maine (1992 to present)
Kelley, Joseph	Maine Geological Survey StateMap Advisory Board

To General Public/Local Community:

Name	Description
Dieffenbacher-Krall, Ann	Consulting editor for 2 chapters of book about history of Maine forests by Al White and Drew Barton. Host a community volunteer working in my lab.
Fernandez, Ivan	I continue to participate in, and represent the University in this activity, regarding the Maine Stakeholder Climate Change Adaptation Process. This follows on the Maine Climate Future assessment I co-led with George Jacobsoon. The Stakeholder Adaptation process is led by Maine DEP, with an initial report delivered to the Legislature in February, 2010. That process continues. Northeastern Association of Graduate Schools Dissertation Awards Committee
Hall, Brenda	Dozens of informal contacts with public per year, generally through email or visits to my office. Presentation to Dirigo Pines senior community
Hamilton, Gordon	Several invited presentations to non-specialist audiences on the general theme of climate change and sea level rise (Portland, ME; Hampton, NH; Philadelphia, PA; Washington, DC; Tampa, FL; Miami, FL).
Hooke, Roger	On June 13 I will be leading a field trip to study Deer Isle (Maine) geology for the Penobscot Mineral and Lapidary Club. Sharing of my knowledge of the landscape and the underlying geology with lay persons enhances their understanding of the environment, and hopefully informs their decisions about achieving a sustainable modus operandi in the face of an onslaught by those among us who would use our resources for present gain with no regard for future generations
Kelley, Joseph	Maine Audubon Society Penobscot Valley Chapter Board Member



Kreutz, Karl	Climate literature presentation, Asa Adams school Board of Trustees, Maine Audubon
Kurbatov, Andrei	Lecture in Mc Murdo base Antarctica
Mayewski, Paul	Extensive outreach
Ocampo-Raeder, Constanza	International Service Activities: In addition to service work in North America, I have also been involved in a series of activities in Peru. These activities, guest lectures, publications, and workshops, are part of my commitment to share and promote my findings with the people and countries I work with. I have run several workshops and conducted guest lectures in Peru. Most notably with Toronja Communications Enterprises and the Camaroneros Guild of Lunahuana. I also have a working relationship with the research organization Centro de Estudios Sociales Peruanos for pro bono consulting regarding sustainable development projects in Latin America.
Olsen, Brian	Orono Bog Boardwalk – May 2010. “The Sparrows of Orono Bog”. Bangor City Forest: Bangor, Maine. 72nd Annual Eastern Maine Sportsmen’s Show – March 2010. “As Climate Changes: Effects on Habitat, Fish, Wildlife, and Sportsmen”. Penobscot County Conservation Association: Orono, Maine.
Robinson, Brian S.	Board member of the Maluhsi-hikon Petroglyph Foundation Board of Trustees of the Wilson Museum, Castine, final year of two year term.
Roscoe, Paul B.	Delivered two lectures, The Origins of War, to the Darwin lecture series in Fall 2009 Delivered a lecture, The Origins of War, to the Senior College, Spring 2010
Sandweiss, Dan	Board member, Bangor Foreign Policy Forum
Schauffler, Molly	Serve as Vice President of the Belfast Bay Watershed Coalition Serve as Secretary for the Josselyn Botanical Society

To Pre-K - 12 Education

Name	Description
Chawathe, Sudarshan S	12/1999–present. Intel Science Talent Search Science Service. Judge 2000–present; evaluator 1999–2000. Judging the week-long Science Talent Institute and evaluating entries for the Science Service’s Intel Science Talent Search (formerly, the Westinghouse Competition). 10/2006–present. "Classbooks": A Web-based data management system for tracking student reading and outcomes, currently used in a 1st grade class at the Palmyra school, Maine, (MSAD 48).
Dieffenbacher-Krall, Ann	6/23/09 Conducted laboratory tour and coring demonstration for twelve K-12 teachers.
Hall, Brenda	Presentations to elementary and middle school students in S.A.D. 64 (Corinth. Stetson. Bradford. Hudson. Kenduskeag)



	Correspondence with elementary school students from Poland (ME).
Hamilton, Gordon	Three visits to K-12 schools in the area
Kelley, Joseph	Led Tour of Earth Sciences for 4 high school classes
Koons, Peter	Workshop development and presentation for IDEAS-ITEST project: Contribute/direct ~ 15 workshops /ear for ~ 20 teacher participants.
Kreutz, Karl	Stillwater River chemical sampling and analysis project, Asa Adams fourth grades classes Antarctica lectures, Stillwater Montessori School and Asa Adams School Research project, Sterns High School Expanding your Horizons workshop Electronic Emissary program NASA Climate Academy
Kurbatov, Andrei	Graduate student, Nicole Spaulding went three times to local area schools for public lectures.
Robinson, Brian S.	Science day. Eight presentations in one day.
Schauffler, Molly	Initiated STEM Collaborative for teachers Advisory Board for Maine Math Science Alliance Geniquest Project Letters of support and collaboration with teachers for funding requests Advisory Board for Island Institute STORMS Project (Elementary school weather monitoring)

Service – Manuscripts/Proposal Reviewed

Name	Manuscripts	Proposals	Description
Belknap, Daniel F.	2	1	National Park Service, 2 manuscripts on paleontology of National Parks - Acadia and Boston area.
Chawathe, Sudarshan S.	25	1	[numbers are approximate... don't have all records handy; the manuscripts reviewed is almost certainly an underestimate.]
Denton, George	8	10	I reviewed manuscripts for geologic professional journals and proposals for the national Science foundation and for the Comer Science and Education Foundation.
Dieffenbacher-Krall, Ann	2	0	Reviewed two articles for journal "Hydrobiologia".
Fastook, James L.	3	3	papers reviewed for GRL: 1) Transoceanic Infragravity Waves Impacting Antarctic Ice-Shelves, Peter D. Bromirski, Olga V. Sergienko and Douglas R. MacAyeal 2) Modeled and Observed fast flow in the Greenland ice sheet, Ed Bueler, Constantine Khouliev, Andreas Aschwanden, Ian Joughin, Ben Smith 3) Ocean waves as a possible trigger of ice-shelf disintegration: Application to the break-up of Wilkins Ice Shelf (Antarctic Peninsula), Olga V. Sergienko proposal reviewed for NASA:



			<p>1) ProposalTitle:Finite element analysis of glacial flow on Mars with insights from SHARAD, M Searls proposals reviewed for NSF:</p> <p>1) An Antarctic climate estimator for driving long-term ice sheet simulations, D B Reusch</p> <p>2) Collaborative Research: Analysis of McCall Glacier ice core and related modern process studies, M Nolan</p>
Fernandez, Ivan	16	5	I periodically review manuscripts for a wide range of journals in natural and environmental sciences as well as proposals for the National Science Foundation, the US Department of Agriculture and the US Environmental Protection Agency.
Hall, Brenda	20	15	I regularly review papers from the leading journals in my field, as well as proposals, primarily from the National Science Foundation.
Hamilton, Gordon	14	9	Science (2); Geophysical Research Letters (4); Journal of Glaciology (3); Annals of Glaciology (2); Geophysical Journal International; Remote Sensing of the Environment; Hydrological Processes.
Hooke, Roger	5	4	<p>Manuscript reviews:</p> <p>1. The Sieve Lobe Paradigm: Observations of active deposition by Juan Pablo Milana published in Geology</p> <p>2. Dow, C.F., Kavanaugh, J.L., Sanders, J.W., Cuffey, K.M. and Macgregor, K.R., Subsurface hydrology of an overdeepened cirque glacier submitted to Journal of Glaciology</p> <p>3. Mavlyudov, B.R., Internal drainage of glaciers: Part i. The structure of glacier internal drainage systems glaciers submitted to Journal of Glaciology</p> <p>4. Rolstad, C., Chapuis, A., and Norland, R., Electromagnetic interference in ground-based radar data from Kronebreen calving front due to multipath scattering and variations in tide-water sea levels submitted to Journal of Glaciology</p> <p>5. Theakstone, W.H. and Mavlyudov, B.R., Exploration within and beneath glaciers (a comment on a paper by J. Gulley on englacial conduits in Matanuska Glacier submitted to Journal of Glaciology</p> <p>NSF Proposals</p> <p>1. EAR 0944554 Constitutive modeling, testing, and validation for the ice-till interface for soft-bedded ice (Desai, Carlson, and Jenson)</p> <p>2. OPP/ANT 0944191 Establishing the chronology and histories of accumulation and ice dynamics for the WAIS divide core (Taylor, Conway, Waddington)</p> <p>3. EAR 0944602 (Revised) Constitutive modeling, testing, and validation for the ice-till interface for soft-bedded ice (Desai, Carlson, and Jenson)</p> <p>Other proposals</p> <p>1. PROP-21109-ANT-UOO: Understanding ice shelf moraines (For New Zealand Foundation for Research, Science, and Technology)</p>
Kelley, Joseph	3	2	<p>Papers for Journal of Coastal Research (2)</p> <p>Geological Magazine</p> <p>Proposals for National Science Foundation, National Park Service</p>
Koons, Peter	10	10	<p>(Numbers above are conservative estimates: I do not record all reviews)</p> <p>As a member of NSF CD panel, I review the integrated science proposals, with multi institutional collaboration with an</p>



average request/ proposal of ~\$3Ma. (number of proposals is approximate).
 I review ~ 5 proposals for NSF TECTONICS.

Kreutz, Karl	6	3	Elsig et al., Nature Divine et al. Polar Research Kunasek et al. Journal of Geophysical Research Lupker et al. Earth and Planetary Science Letters Field et al. Geophysical Research Letters Black and McLennan, NSF Fortner et al. Hydrological Processes Albert and Baker, NSF Brook and Gupta, NSF
Kurbatov, Andrei	1	0	Manuscript ID: es-2009-02492n, Thallium as a tracer for pre-industrial volcanic eruptions in an ice core record from Illimani, Bolivia. Submitted to: Environmental Science & Technology
Meese, Debra	4	6	All proposals and manuscripts involved properties of ice.
Ocampo-Raeder, Constanza	0	0	I currently review papers for two journals: Human Ecology and The Journal of Ecotourism
Olsen, Brian	2	0	Reviewed paper for The Condor and The Southeastern Naturalist
Robinson, Brian S.	1	0	One manuscript reviewed for American Antiquity.
Sandweiss, Dan	12	13	Manuscripts reviewed: Latin American Antiquity - 3 Archaeological Prospection - 1 Current Anthropology - 1 Estudios Atacameños - 1 Journal of Archaeological Research - 1 Journal of Archaeological Science - 1 Journal of Coastal Conservation - 1 Journal of Field Archaeology - 1 Journal of Island & Coastal Archaeology - 1 Proceedings of the 2nd ICAZ Archaeomalacology Working group - 1 Proposals reviewed: American Philosophical Society Lewis & Clark Fund - 7 National Geographic Society - 3 Dumbarton Oaks Research Grant - 1 American Philosophical Society Franklin Research Grant - 1 National Endowment for the Humanities – 1
Zaro, Gregory D.	0	1	Dissertation Improvement Grant, National Science Foundation: Proposal to analyze stylistic variation among Chiribaya ceramic museum collections originally excavated from discrete cemeteries in the Ilo Valley of southern Peru.



Service – Television/Radio/Newspaper Interviews

Name	Description
Chai, Fei	2
Hamilton, Gordon	CNN (http://edition.cnn.com/2009/TECH/science/09/20/greenland.arctic/index.html#cnnSTCVideo) Al Jazeera (http://english.aljazeera.net/news/europe/2009/09/200992881845153527.html) ITN TV (http://itn.co.uk/b0cac4d29c3dd02f476d89af247c1720.html) Australian Broadcasting Corporation (http://www.abc.net.au/am/content/2009/s2676363.htm) Liberation (http://www.liberation.fr/terre/0101592044-voyage-au-pays-des-glaciers-qui-gouttent) Also, Associated Press (Stockholm, Sweden), ZDF-tv (Germany), India Today tv.
Kelley, Alice	Bangor Daily News, Channel 7 News: Earthquake information following earthquakes in Haiti and Chile
Kelley, Joseph	Bangor Daily News, Associated Press, Nature Magazine
Koons, Peter	Interviewed by local media following Haiti and Chile earthquakes
Kreutz, Karl	Interview and story with Maine Campus newspaper Interviews with TV2 (WLBZ) and TV5 Bangor Denali footage featured in UMaine promotional TV spots
Mayewski, Paul	MPBN Chamberlain Series Punta Arenas and Santiago Chile Newspapers Bangor Daily News
Ocampo-Raeder, Constanza	UMaine TODAY magazine article (Spring 2010). http://www.umaine.edu/magazine/past-issues/spring-2010/reading-the-resources/

SPECIAL PUBLIC SERVICE RECOGNITION/AWARDS/HONORS RECEIVED

Name	Description
Kelley, Joseph	Research Fellow, Program for the Study of Developed Shorelines, Western Carolina University, 2010-present
Mayewski, Paul	Seligman Crystal - Highest award of the International Glaciological Society, Cambridge, UK



Olsen, Brian

NSFA Graduate Mentor of the Year

Other: (e.g. special contracts)

Name

Chawathe, Sudarshan S.

Hamilton, Gordon

Description

Numbers for manuscripts reviewed are my best estimates.

Op-ed in Bangor Daily News (March 4, 2010) on legislative threats to the Clean Air Act.