

**UAF ARRA AWARDS  
by Principal Investigator**

<b>Awards by Principal Investigator</b>	<b>Sum of Budget</b>
<b>Aguilar-Islas</b>	
<b>National Science Foundation</b>	
U.S. GEOTRACES North Atlantic Sector: The Fractional Solubility of Aerosol Iron in Seawater	\$ 115,305.00
<b>Allen</b>	
<b>ANTHC (NIH)</b>	
Alaska Native Stroke Registry (ARRA Supplement to the ANTHC)	\$ 27,348.00
<b>Anthony</b>	
<b>Lehigh University (NSF)</b>	
Impacts of Climate Seasonality on Carbon Accumulation and Methane Emissions of Alaskan Ecosystems During the Holocene Thermal	\$ 38,254.00
<b>Berge</b>	
<b>National Science Foundation</b>	
Continuing Support for Aleut Linguistics and Language Learning Materials	\$ 184,616.00
<b>Bhatt</b>	
<b>National Science Foundation</b>	
Collaborative Research: Seasonality of Circumpolar Tundra - Ocean and Atmosphere Controls and Effects of Energy and Carbon Budgets	\$ 369,016.00
<b>Bigelow</b>	
<b>National Science Foundation</b>	
Collaborative Research: What is the Nenana Complex? New Excavation at the Late-Pleistocene Owl Ridge Site, Central Alaska	\$ 25,819.00
<b>University of Colorado (NSF)</b>	
IPY, Human Response to Climate Change at Cape Espenberg	\$ 508,138.00
<b>Boyer</b>	
<b>Harvard Medical School (NIH)</b>	
Networking Research Resources Across America	\$ 548,690.00
<b>National Institute of Health</b>	
Enhancing Translational Biomedical Research in Alaska	\$ 7,425,000.00
Investigating Obesity and Chronic Disease-Related Risk Factors of Alaska Natives	\$ 1,540,698.00
<b>Oklahoma State University (NSF)</b>	
From Their Perspective: Alaskan Grandparents' Roles, Strengths, and Needs	\$ 400,814.00
<b>Cherry</b>	
<b>National Science Foundation</b>	
Collaborative Research: Analysis and Attribution of Changes in Siberian Hydroclimate and Implications for the Future	\$ 283,374.00
<b>Coakley</b>	
<b>National Science Foundation</b>	
Plate Boundaries Around the Chukchi Borderland: An Integrated Geophysics Cruise to Test Models for the Formation of the Canada Basin	\$ 607,031.00
<b>Conde</b>	
<b>National Science Foundation</b>	
Collaborative Research: Thermospheric Neutral Wind Observation from the Antarctic Peninsula	\$ 124,981.00

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<b>Coyle</b>	
<b>University of Washington (NSF)</b>	
Bering Sea Retrospective: Seabirds At-Sea as Indicators of Spatial Variability and Temporal Change	\$ 23,955.00
<b>Criddle</b>	
<b>National Science Foundation</b>	
Science Master's Program: Ecosystem Approaches to Fishery Management	\$ 699,998.00
<b>Davis</b>	
<b>National Science Foundation</b>	
A Workshop on Climate Change as an Indigenous Issue	\$ 49,818.00
<b>Dieringer</b>	
<b>Department of Education</b>	
FEDERAL WORK STUDY 2009-2010	\$ 47,528.00
<b>Drew</b>	
<b>National Institute of Health</b>	
Restricted Diet and Adenosine Receptor Activation: Therapy for Brain Ischemia	\$ 435,300.00
<b>Duffy</b>	
<b>National Science Foundation</b>	
Doctoral Dissertation Improvement Grant: Special Delivery: Transporting Inupiat Mothers and Babies in Northwest Alaska	\$ 15,057.00
<b>Eicken</b>	
<b>National Science Foundation</b>	
CMG Collaborative Research: Mathematics and Electromagnetics for Monitoring Transport Processes in Sea Ice	\$ 308,728.00
<b>Freymueller</b>	
<b>National Science Foundation</b>	
Investigating Hydrologic Loading in Southeast Alaska using GRACE and GPS Data	\$ 432,522.00
Is the Tibetan Plateau Rising?	\$ 327,277.00
Postseismic deformation of the Earth after 2006/7 Kuril earthquake	\$ 28,503.00
<b>Hansen</b>	
<b>U.S. Geological Survey</b>	
ANSS Alaska Seismic Station Upgrade	\$ 532,959.00
<b>Hazirbaba</b>	
<b>University of Washington (NSF)</b>	
NEESR-CR: Evolutionary Intensity Measures for More Accurate and Informative Liquefaction Hazard Evaluation	\$ 172,190.00
<b>Holdmann</b>	
<b>Dept of Energy</b>	
Validation of Innovative Exploration Techniques for Pilgrim Hot Springs, Alaska	\$ 4,274,792.00
<b>FNSB</b>	
Investigation of Options for Particulate Removal From Outdoor Wood Stoves in the Fairbanks	\$ 20,000.00
<b>Holton</b>	
<b>National Science Foundation</b>	
Alaska Native Language and Oral History Digital Audio Resources	\$ 491,178.00

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<b>Hopcroft</b>	
<b>National Science Foundation</b>	
Environmental change in the Arctic Ocean: a synthesis and retrospective analysis of zooplankton communities	\$ 379,491.00
<b>Khataniar</b>	
<b>Trabits (DOE)</b>	
Development of an Improved Cement for Geothermal Wells	\$ 896,493.00
<b>Kielland</b>	
<b>National Science Foundation</b>	
Dangerous Ice: Human perspectives on changing winter conditions in Alaska	\$ 359,658.00
<b>Kofinas</b>	
<b>National Science Foundation</b>	
Modeling harvesting behavior... in northern subsistence systems	\$ 316,779.00
<b>Krebs / Hills</b>	
<b>National Institute of Health</b>	
Alaska INBRE-2: Environmental Agents and Disease	\$ 600,000.00
<b>Krebs / Houston</b>	
<b>National Institute of Health</b>	
Alaska INBRE-2: Environmental Agents and Disease	\$ 680,194.00
<b>Larsen</b>	
<b>NASA</b>	
Icebridge Alaska: University of Alaska LiDAR	\$ 321,434.00
<b>U.S. Geological Survey</b>	
The Mobility Assignment: Characterization of Volcanic Deposits During Recent Alaskan Eruptions	\$ 13,911.00
<b>Mann</b>	
<b>National Science Foundation</b>	
Timing of Warm-Season Precipitation	\$ 797,130.00
<b>Mathis</b>	
<b>National Science Foundation</b>	
Monitoring mooring in the western Arctic boundary current: Climatic forcing and ecosystem response	\$ 195,417.00
<b>McNutt</b>	
<b>National Science Foundation</b>	
Collaborative Research: Investigating the Relationship Between Pluton Growth and Volcanism at Two Active Intrusions in the Central Andes	\$ 1,517,928.00
<b>U.S. Geological Survey</b>	
Improvement of the Volcano and other Monitoring Systems and Other Monitoring-Related Activities in Alaska	\$ 2,000,000.00
<b>Metz</b>	
<b>Dept of Energy</b>	
Geological and Geotechnical Site Investigations for the Design of a CO2 Rich Flue Gas Direct Injection and Storage Facility	\$ 299,762.00
<b>Mohatt</b>	
<b>National Institute of Health</b>	
Investigation Obesity and Chronic Disease-Related Risk Factors of Alaska Natives- Supplement for Science Educator	\$ 30,555.00

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<b>Monahan</b>	
<b>NIST (DOC)</b>	
Bridging the e-Skills Gap	\$ 4,544,546.00
<b>Nance</b>	
<b>BBN Technologies Corp. (NSF)</b>	
Virtual Machine Introspection and Development of a Model Federation Framework for GENI	\$ 312,422.00
<b>Newby</b>	
<b>National Science Foundation</b>	
MRI-R2: Acquisition of a Configurable Supercomputer for Arctic Research	\$ 1,481,252.00
<b>Okkonen</b>	
<b>National Science Foundation</b>	
Collaborative Research: A Winter Expedition to Explore the Biological and Physical Conditions of the Bering, Chukchi, and Southern Beaufort Seas	\$ 336,880.00
<b>Pettit</b>	
<b>National Science Foundation</b>	
P2C2 Ice Core Paleoclimate Records, Canada	\$ 156,981.00
<b>Potter</b>	
<b>National Science Foundation</b>	
SGER: Emergency Analysis Early Holocene Organic Tools	\$ 6,530.00
SGER: Test Excavations at Little Delta Dune Site, Central Alaska	\$ 91,039.00
<b>Romanovsky</b>	
<b>National Science Foundation</b>	
AON: Thermal State of Permafrost (TSP) in North America and Northern Eurasia	\$ 1,859,861.00
<b>Schmidt</b>	
<b>National Science Foundation</b>	
Collaborative Research: Plant-Herbivore Interactions Mediated by Toxin-Determined Functional Response	\$ 50,812.00
<b>Schulte</b>	
<b>National Institute of Health</b>	
Novel, Subtype Selective Potentiators of Nicotinic Acetylcholine Receptors	\$ 660,988.00
<b>Sharpton</b>	
<b>National Science Foundation</b>	
Collaborative Research: PACMAN - Cyberinfrastructure for Discovering Climate Change Impacts on Water Resources across Alaska and the Hawaiian Islands	\$ 3,000,000.00
<b>Simmons</b>	
<b>National Science Foundation</b>	
Near-inertial wave generation, propagation, and shoaling in a seasonally ice-covered ocean	\$ 259,559.00
<b>Simpson</b>	
<b>National Science Foundation</b>	
Role of Ice in High Latitude Nitrogen Atmospheric Chemistry	\$ 161,037.00

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<b>Truffer</b>	
<b>National Science Foundation</b>	
Collaborative Research: Quantifying Clacier-Fjord-Ocean Interactions and their Impact on Changing Ice Discharge: Kangia Nunata Sermia and Other Outlets, West Greenland	\$ 726,018.00
<b>Weingartner</b>	
<b>National Science Foundation</b>	
An Ocean Observing System for the Bering Strait, the Pacific Gateway to the Arctic	\$ 772,111.00
<b>Whitledge</b>	
<b>National Science Foundation</b>	
Construction and operation of the Alaska Region Research Vessel: Phase III - Shipyard Construction Costs	\$ 148,070,000.00
<b>Wies</b>	
<b>University of Minnesota</b>	
A Nationwide Consortium of Universities to Revitalize Electric Power Engineering Education by State-Of-The-Art Laboratories	\$ 1,333.00
<b>Wooller</b>	
<b>National Science Foundation</b>	
Nonlinearities in the Arctic climate system during the Holocene	\$ 119,999.00
Understanding the role... one surviving and two extinct arctic mammals	\$ 41,135.00
<b>Grand Total</b>	<b>\$ 191,120,144.00</b>