

This is a table of PIs and their projects funded to date through the Cooperative Institute for Alaska Research under agreements NA08OAR4320751, NA08OAR4320870 and NA13OAR4320056. Reports on these projects are included in CIFAR's [annual reports to NOAA](http://www.cifar.uaf.edu/research/reports.php) (<http://www.cifar.uaf.edu/research/reports.php>). For additional information please e-mail cifar@iarc.uaf.edu or call 907-474-5415.

Affiliation and theme abbreviations are defined at the end of the table.

PI Name	Affiliation	Project title	CIFAR theme	Project status
Atkinson, David	UAF / U. Victoria	<i>Northern Bering Sea improved hazard monitoring in the marine and coastal environments</i>	CH	Complete
Bluhm, Bodil	UAF	<i>Synthesis of Arctic Research (SOAR): Factors maintaining sea bird and mammal benthic hotspots: a latitudinal analysis</i>	ES	Complete
Cherry, Jessica / Heinrichs, Thomas	UAF	<i>High latitude proving ground for GOES-R: Advanced data products and applications for Alaska</i>	CC / CH	Ongoing
Cross, Jessica	UAF	<i>Program for innovative technology for Arctic exploration (PITAE)</i>	ES	Ongoing
Heinrichs, Thomas	UAF	<i>NOAA cooperative Alaska research and satellite data services</i>	CC	Complete
Heinrichs, Thomas	UAF	<i>High latitude proving ground - Improving forecasts and warnings by leveraging GOES-R investments to deliver and test NPP/ JPSS data in support of operational forecasters</i>	CC	Ongoing
Hopcroft, Russell	UAF	<i>A long-term census of Arctic zooplankton communities</i>	ES	Complete
Hopcroft, Russell	UAF	<i>Oceanography and lower trophic level productivity: the Seward Line 2010</i>	ES	Complete
Hopcroft, Russell	UAF	<i>RUSALCA data management</i>	ES	Ongoing
Iken, Katrin	UAF	<i>RUSALCA: Arctic food web structure & epibenthic communities in a climate change context</i>	ES	Ongoing
Iken, Katrin	UAF	<i>Synthesis – RUSALCA: Arctic food web structure & epibenthic communities</i>	ES	Ongoing
Jewett, Stephen	UAF	<i>Characterization of Bering Sea infauna</i>	ES	Complete
Jewett, Stephen	UAF	<i>Infaunal/epifaunal forage base for juvenile flatfish near Kodiak Island</i>	ES	Complete

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Jewett, Stephen	UAF	<i>Bering Sea benthic habitat & ecosystem infauna</i>	ES	Complete
Jewett, Stephen	UAF	<i>Bering Sea benthic habitat and ecosystem - infauna</i>	ES	Ongoing
Logan, Thomas	UAF	<i>Parallelization and porting of the Alaska Tsunami Forecast Model to ARSC</i>	CH	Complete
Mathis, Jeremy	UAF	<i>Moored observations of ocean acidification in high latitude seas</i>	ES	Complete
Naidu, Sathy	UAF	<i>Analyses of sediment samples for organic carbon, nitrogen, and their isotopes ($\delta^{13}C$ and $\delta^{15}N$), phosphorus and chlorophyll a in Bering Sea sediments</i>	ES	Complete
Norcross, Brenda	UAF	<i>Fish ecology & oceanography: RUSALCA 2008 and 2012</i>	ES	Ongoing
Norcross, Brenda	UAF	<i>Synthesis – RUSALCA fish ecology research</i>	ES	Ongoing
Okkonen, Stephen	UAF	<i>Bowhead whale feeding in the western Beaufort Sea: oceanographic conditions, whale prey distributions, and whale feeding and foraging behavior</i>	ES	Ongoing
Okkonen, Stephen	UAF	<i>Synthesis of Arctic Research (SOAR): Oceanographic factors associated with bowhead whale hotspots and variations in the migration path</i>	ES	Complete
Okkonen, Stephen	UAF	<i>Synthesis of Arctic Research (SOAR): Influence of sea ice and oceanographic conditions and prey availability on the timing of fall bowhead whale migration</i>	ES	Complete
Polyakov, Igor	UAF	<i>Improving predictive capabilities for the Arctic ice: International cooperative network</i>	CC	Complete
Quinn, Terry	UAF	<i>Cooperative research on sablefish between TSMRI and UAF Fisheries</i>	ES	Complete
Quinn, Terry	UAF	<i>Stock assessment training stipends</i>	ES / Task I	Ongoing
Quinn, Terry	UAF	<i>Stock Assessment Improvement Program (SAIP) – Time-varying natural mortality: random versus covariate effects</i>	ES	Ongoing
Rea, Lorrie / O'Hara, Todd	UAF	<i>Regional, seasonal and species differences in trophic feeding ecology of western and central Aleutian Steller sea lion (<i>Eumetopias jubatus</i>) prey</i>	ES	Ongoing

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Reynolds, Jennifer	UAF	<i>Geological substrate and potential habitat map for deep sea corals and sponges in the Gulf of Alaska margin and the Aleutian shelf and slope regions</i>	ES	Ongoing
Rogers, Marty	UAF	<i>Supporting NOAA's mission goals using unmanned aircraft systems (UAS) technology</i>	CH	Ongoing
Romanovsky, Vladimir	UAF	<i>State of the Arctic land report 2008/2009</i>	CC	Complete
Ruppert, Natalia	UAF	<i>TWEAK: Tsunami warning and environmental observatory for Alaska</i>	CH	Ongoing
Smoker, William	UAF	<i>Influence on the early growth of walleye pollock (Theragra chalcogramma) in the Eastern Bering Sea</i>	ES	Complete
Stuefer, Martin	UAF	<i>GOES-R volcanic ash risk reduction: Operational decision support within NOAA's Rapid Refresh (RAP)</i>	CH	Ongoing
Trainor, Sarah Walsh, John	UAF	<i>Quarterly Alaska climate seasonal overview and impacts</i>	ES	Complete
Walker, Gregory	UAF	<i>Arctic small unmanned aircraft system experimentation in support of NOAA FY08 Arctic objectives</i>	ES	Complete
Webley, Peter	UAF	<i>Validation of GOES-R volcanic ash products: Near real-time operational decision support/hazard analysis</i>	CH	Ongoing
West, Mike / Ruppert, Natalia	UAF	<i>Alaska Earthquake Information Center seismic station operations and maintenance</i>	CH	Ongoing
Walsh, John (Atkinson, David)	UAF	<i>Towards a 90-day monthly storm outlook for Alaska, North Pacific, and Hawaii</i>	CH	Complete
Weingartner, Thomas	UAF	<i>The Pacific gateway to the Arctic - quantifying and understanding Bering Strait oceanic fluxes</i>	ES	Complete
Weingartner, Thomas	UAF	<i>Marine fish survey in the Beaufort Sea Outer Continental Shelf Planning Area</i>	ES	Complete
Weingartner, Thomas	UAF	<i>Synthesis of Arctic Research (SOAR): An Ocean Acidification Sensitivity Index for the Pacific Arctic Region</i>	ES	Complete

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Whitledge, Terry	UAF	<i>Global change in the Arctic: interactions of productivity and nutrient processes in the northern Bering and Chukchi seas</i>	ES	Ongoing
Whitledge, Terry	UAF	<i>Synthesis – RUSALCA Global change in the Arctic: Interactions of productivity & nutrient processes</i>	ES	Ongoing

UAF=University of Alaska Fairbanks; U. Victoria=University of Victoria, Victoria, BC, Canada

ES=Ecosystem Studies and Forecasting;

CH=Coastal Hazards;

CC=Climate Change and Variability

RUSALCA=Russian–American Long-term Census of the Arctic