

UArctic IPY Higher Education and Outreach (HEO) Cluster Projects*

Eol*	Title of Original Eol	Project title**	Lead PI/Affiliation**	Status	Abbreviated description**	Project URL
6	Arctic Lake Ice and Snow Observatory Network (ArLISON): Scientists, Schoolteachers and Students Pursuing Polar Science Together	Arctic Lake Ice and Snow Observatory Network (ArLISON): Scientists, Schoolteachers and Students Pursuing Polar Science Together	Kim Morris U. Alaska Fairbanks USA	partially funded	An extension of the existing successful K-12 outreach program "Alaska Lake Ice and Snow Observatory Network" (ALISON) to the circumpolar north.	
19	Promoting Post-graduate Collaboration in the IPY	New Generation Polar Research (NGPR) Symposium	Susan Weiler Whitman College USA	funded	Symposium held May 4-11, 2008 in Colorado for advanced students and Ph.D. graduates (primarily U.S. citizens) conducting polar research during the IPY and who complete(d) their degree between Jan. 1, 2002 and Mar. 31, 2009. Thirty-six young researchers were selected to participate, out of 100 applicants.	http://arcticportal.org/apecs/ngpr
32	Center for Learning and Indigenous Knowledge Systems (CLIKS)	Indigenous Knowledge Systems, Science and K-12 Education	Ray Barnhardt U. Alaska Fairbanks USA	proposals pending	Implementation of a new Indigenous Studies Ph.D. program at UAF which will also serve as the basis for forming an Indigenous Ph.D. Thematic Network under the new UArctic graduate division. The Ph.D. program has been submitted for review by UAF and is accompanied by three funding initiatives for graduate fellowships (pending).	
36	Education Outreach & Curriculum Development through a Context-based Course (Environmental Radioactivity, Stewardship & People in the North)	Adapting SENCER to the Arctic-- Improving Polar Science Education as a Legacy	Lawrence Duffy U. Alaska Fairbanks USA	funded by NSF	Development of a new undergraduate course, "Environmental Radioactivity, Stewardship and People in the North," based on the SENCER model and its interdisciplinary, thematic approach, to be taught at UAF. Course was taught for first time in Fall 2007.	http://www.uaf.edu/chem/las_chem393107/
79	Quantifying Late Holocene Climate Change in the Arctic: Calibrating the Lamination Stratigraphy of Lake Linne, Svalbard (Svalbard REU)	The Svalbard REU - Holocene and Modern Climate Change in the High Arctic	Steven Roof Hampshire College USA	funded by NSF	Continuation of a program that supports U.S. undergraduate student research on arctic climate change. Each summer 7-9 undergraduate students participate in 5 weeks of glacial geology fieldwork in Svalbard, Norway.	http://www.mtholyoke.edu/ge/svalbard
235	An Integrated Polar System Science Exhibit for the University of Alaska Museum of the North	IPY Science Weekends and Exhibits	Jonaitis, Aldona U. of Alaska Fairbanks USA	funding not secured; project is no longer being pursued although the museum is hosting other IPY exhibits and events	Informal science education (ISE) collaboration among four research universities and four museums with science education missions	http://www.uaf.edu/museum
266	INPOSE: Integrated Polar System Science Education through University of the Arctic	INPOSE: Integrated Polar System Science Education through University of the Arctic	Prakash, Anupma U. of Alaska Fairbanks USA	project not being pursued	Development of eight new undergraduate/graduate courses that together capture the essence of the IPY visions and themes, to be delivered through University of the Arctic as a new emphasis area, Applied Polar Systems Science.	
267	A Glaciological Short Course Series for the IPY--Education and Training for the Next Generation(s) of Glaciologists (GELATI)	A Glaciological Short Course Series for the IPY--Education and Training for the Next Generation(s) of Glaciologists (GELATI)	Stefan Vogel Northern Illinois Univ. USA	project not being pursued	Development of an international glaciology/ cryospheric science short course series.	
164	International Sea Ice Summer School 2007	International Sea Ice Summer School 2007	Peter Haugan U. of Bergen Norway	funded	A two-week summer school for graduate students studying sea ice that took place July 2-13, 2007 at the University Centre in Svalbard (UNIS).	http://www.seaice.info
281	Advanced Logistics Course for Arctic Researchers and Logistics Personnel	Advanced Logistics Course for Arctic Researchers and Logistics Personnel	Fred Hansen UNIS Norway	project inactive	Delivery of an advanced course in arctic logistics and safety for researchers and logistics personnel.	
278	Arctic Phenology Research and Education Network (APREN)	Monitoring Seasons Through Global Learning Communities Project ("Seasons & Biomes")	Elena Sparrow U. Alaska Fairbanks USA	funded, primarily by NSF	An international GLOBE (Global Learning and Observations to Benefit the Environment) education and research project to monitor the interannual variability of seasons in different biomes worldwide as part of climate change / environmental change studies.	http://www.globe.gov/fsl/html/templ.cgi?seasons&lang=en&nav=1

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477	Deterrents to participation in adult learning	Deterrents to Participation in Adult Learning	Yvon Cloutier U. No. British Columbia Canada	project not being pursued	A pilot project to develop and implement a means by which First Nations People in polar areas can identify and work to influence the determinants of aboriginals' non-participation in adult learning activities and their literacy skills.	
415	International Antarctic Institute	International Antarctic Institute	Andrew McMinn IASOS, U. Tasmania Australia	funded	An international consortium offering opportunities in Antarctic multidisciplinary education by sharing resources and student learning opportunities among partner universities and institutions.	http://www.iai.utas.edu.au/
802	TOP World International Polar Year Geography Institute	TOP World International Polar Year Geography Institute	Roger Pearson AK Geographic Alliance USA	project not being pursued	An international geography conference for K-12 teachers.	
509	Integrated Graduate Research Training on Resilience and Adaptation of the Arctic System	Resilience and Adaptation of Social-Ecological Systems: Global-Local Interactions in a Rapidly Changing North	Gary Kofinas U. Alaska Fairbanks USA	funded by NSF	The Resilience and Adaptation Program at UAF offers graduate training and education through participation in a range of research activities of IPY.	http://www.rap.uaf.edu/
685	EarthSLOT: An Earth Science, Logistics and Outreach Terrainbase for the IPY	EarthSLOT: An Earth Science, Logistics and Outreach Terrainbase for the IPY	Matt Nolan U. Alaska Fairbanks USA	funded	An IPY layer for Google Earth with many potential uses for researchers as well as the general public.	http://www.earthslot.org/
929	POLAR: WMT Paving the Way for Online Learning in Arctic Regions using Wireless & Mobile Technologies	POLAR: WMT Paving the Way for Online Learning in Arctic Regions using Wireless & Mobile Technologies	Rory McGreal Athabasca University Canada	proposal pending	Development of an advanced learning network that will use the Internet via satellite access technologies to reach remote communities.	
1253	Ice e-Mysteries: Global Student Polar e-books	Ice e-Mysteries: Global Student Polar e-books	Andy Baird Tasmanian Museum and Art Gallery Australia	funded	Collaborative creation of e-books about polar science by middle-school students in Australia and Alaska.	
1254	Nutshimiu Atusseun: Opening Paradigms for Education in the North (OPEN)	Nutshimiu Atusseun: Opening Paradigms for Education in the North (OPEN)	Trudy Sable St. Mary's University Canada	partially funded	Through the collaboration of the Saint Mary's University, the Innu Nation of Labrador, the University of Alaska, the Smithsonian Institution, Memorial University of Newfoundland (MUN), and the Tshikapisk Foundation, this project will develop a sustainable, open learning, certified, model program called the Innu Environmental Guardians Program (IEGP).	
1260	International Polar Year IV: Context and Promise	International Polar Year IV: Context and Promise	Amanda Graham Yukon College Canada	funded	Online course offered through Yukon College that examines the historical and scientific context of the current IPY, its planning and development as well as the ethical and regulatory contexts of polar research.	http://dl1.yukoncollege.yk.ca/ipy/216info
1261	Muskwa-Kechika Artist Camp Collection: Online Repository and Virtual Gallery	Muskwa-Kechika Artist Camp Collection: Online Repository and Virtual Gallery	Tony Tin Athabasca University Canada	currently being pursued as an unfunded pilot project	Development of an online repository and virtual gallery of artwork generated through the Muskwa-Kechika Artist Camp, a program that brings aboriginal and non-aboriginal artists into the Muskwa Kechika Management Area wilderness with the hope that the dialogue the artists begin, and the artwork they produce, will maintain awareness of the M-KMA.	

*These cluster projects fall under the umbrella of IPY project #189, "The University of the Arctic: Providing Higher Education and Outreach Programs for the International Polar Year". All original and added projects are included in this table, regardless of their activity or funding status.

**Note that in some cases the current project title, PI and/or description differs from the original Eol. Eol's may be accessed by clicking on the number. Or go to <http://classic.ipy.org/development/eol/index.htm>, type the Eol number in the box toward the top of the page, select "ID number" from the drop-down menu to the left of the box, then click on the "search" button.