

National Report to SCAR for year: 2012-2013

MEMBER COUNTRY: USA

Activity	Contact Name	Address	Telephone	Fax	Email	web site
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NATIONAL SCAR COMMITTEE

The National Academies Polar Research Board	Laurie Geller	Senior Program Officer, Staff to Delegation U.S. Polar Research Board National Academy of Sciences 500 Fifth Street NW (K-633) Washington DC 20001	202 334 1518	202 334 3825	lgeller@nas.edu	
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SCAR DELEGATES

1) Delegate/ President, Executive Committee	Terry Wilson	Ohio State University Department of Geological Sciences 155 South Oval Mall Columbus, OH 43210	(614) 292-0723	(614) 292-7688	twilson@mps.ohio-state.edu	
2) Alternate Delegate	Deneb Karentz	Departments of Biology and Environmental Science HR 347 University of San Francisco 2130 Fulton Street San Francisco, CA 94117-	(415) 422-2831	(415) 422-6363	karentzd@usfca.edu	

STANDING SCIENTIFIC GROUPS

LIFE SCIENCES

1) Voting Member	Alison Murray	Associate Research Professor, Division of Earth and Ecosystem Sciences Desert Research Institute 2215 Raggio Parkway Reno, NV 89512	775 673 7361	775 673 7485	Alison.Murray@dri.edu	
2)	Deneb Karentz	Departments of Biology and Environmental Science HR 347 University of San Francisco 2130 Fulton Street San Francisco, CA 94117-1080	(415) 422-2831	(415) 422-6363	karentzd@usfca.edu	

Activity	Contact Name	Address	Telephone	Fax	Email	web site
3)	Marc Shepanek	Deputy Chief of Medicine of Extreme Environments NASA 300 E Street Southwest Washington, DC 20024-3210	202 358 2201		marc.a.shepanek@nasa.gov	
4)	Diana Wall	Professor and Director Natural Resource Ecology Laboratory Colorado State University Fort Collins, CO 80523-1499	970 491 2504	970 491 3945	diana@nrel.colostate.edu	

GEOSCIENCES

1) Voting Member	W Berry Lyons	Director Byrd Polar Research Laboratory The Ohio State University 1090 Carmack Road Columbus, OH 43210-1002	1 614 688 3241	1 614 292 4697	lyons.142@osu.edu	
2)	Philip J Bart	Associate Professor Department of Geology and Geophysics Louisiana State University E-235 Howe-Russell Baton Rouge, LA 70803	1 225 578 3109	1 225 578 2302	pbart@lsu.edu	
3)	Brenda Hall	Associate Professor of Glacial and Quaternary Studies Climate Change Institute University of Maine 303 Bryand Orono, ME 04469	1 207 581 2190	1 207 581 1203	BrendaH@maine.edu	

Activity	Contact Name	Address	Telephone	Fax	Email	web site
4)	Douglas A Wiens	Professor of Earth & Planetary Sciences Department of Earth & Planetary Sciences Washington University 1 Brookings Drive, CB 1169 Saint Louis, MO 63130-4899	1 314 935 6517	1 314 935 7361	doug@kermadec.wustl.edu	

PHYSICAL SCIENCES

1) Voting Member	Allan T Weatherwax	Associate Professor of Physics Siena College Department of Physics 515 Loudon Road Loudonville, NY 12211-1462	518 786 5089	518 783 4294	aweatherwax@siena.edu	
2)	Terry Deshler	Professor, Department of Atmospheric Sciences, College of Engineering University of Wyoming Dept 3038, 1000 E University Avenue Laramie, WY 82071	(307) 766-2006	(307) 766-2635	deshler@uwyo.edu	
3)	Joseph McConnell	Research Professor and Director Ultra-Trace Chemistry Laboratory Desert Research Institute 2215 Raggio Parkway Reno, NV 89512	775 673 7348		Joe.McConnell@dri.edu	

SCIENTIFIC RESEARCH PROJECTS

AAA

1) Steering Committee	Albrecht Karle	Physics Department University of Wisconsin- Madison 1150 University Avenue Madison, WI 53706-1390	(608) 262-3945		albrecht.karle@icecube.wisc.edu	
2) Steering Committee	James Lloyd	230 Space Sciences Building Cornell University Ithaca, NY 14850	607-255-4083		jpl@astro.cornell.edu	

Activity	Contact Name	Address	Telephone	Fax	Email	web site
1) Chair, Working Group A: Site testing, validation and data archiving	Tony Travouillon	TMT project 102-08 Caltech 1200 E. California Blvd CA 91125 USA	626 395 5863	626 395 8909	tonyt@astro.caltech.edu	
PAIS						
	Robert M. DeConto	Department of Geosciences University of Massachusetts 233 Morrill Science Center Amherst, MA 01003-9297	413-545-3426		deconto@geo.umass.edu	
SERCE						
	Terry Wilson	Ohio State University Department of Geological Sciences 155 South Oval Mall Columbus, OH 43210	(614) 292-0723	(614) 292-7688	twilson@mps.ohio-state.edu	
ACTION GROUPS						
1) Ocean Acidification	Nikki Lovenduski	INSTAAR University of Colorado, Boulder Campus Box 450 Boulder, CO 80309-0450 Department of Geology and Geophysics	303 492-5259		nicole.lovenduski@colorado.edu	
2) Multibeam Data Acquisition	Phil Bart	Louisiana State University E-235 Howe-Russell Baton Rouge, LA 70803 Lamont-Doherty Earth Observatory	(225) 578-3109	(225) 578-2302	pbart@lsu.edu	
	Frank Nitsche	108A Oceanography 61 Route 9W - PO Box 1000 Palisades, NY 10964-8000	(845) 365-8746	(845) 365-8156	fnitsche@ldeo.columbia.edu	
EXPERT GROUPS						
ANTARCTIC DIGITAL MAGNETIC ANOMALY PROJECT (ADMAP)						
1)	Ralph R.B. von Frese	Dept. of Geological Sciences The Ohio State University 125 S. Oval Mall Columbus, Ohio 43210			vonfrese@geology.ohio-state.edu	
2)	Carol Finn	USGS DFC Box 25046, MS 966 Denver, CO 80225-0046			cfinn@usgs.gov	

Activity	Contact Name	Address	Telephone	Fax	Email	web site
3)	Patrick Taylor	Code 921 NASA/GSFC Greenbelt, MD 20771			ptaylor@ltpmail.gsfc.nasa.gov	
4)	Louis (Skip) Kovacs	Naval Research Laboratory Marine Geosciences Division 4555 Overlook Ave SW Washington, DC 20375 Laboratory for Satellite Altimetry			skip@hp8c.nrl.navy.mil	
5)	Anahita Tikku	E/RA31, SSMC III, Station 3712 1315 East-West Highway Silver Spring, MD 20910			anahita@amos.grdl.noaa.gov	
6)	Hyung Rae Kim	Planetary Geodynamics Laboratory NASA/GSFC, Code 698 Greenbelt, MD 20771			kimhr@core2.gsfc.nasa.gov	
7)	Robin Bell	Research Scientist Lamont-Doherty Earth Observatory Columbia University PO Box 1000, 61 Route 9W Oceanography Bldg 107D Palisades, NY 10964			robinb@ldeo.columbia.edu	
8)	Mike Purucker	Raytheon ITSS at Geodynamics Branch NASA Goddard Space Flight Center Greenbelt, MD, USA 20771			purucker@geomag.gsfc.nasa.gov	

ANTARCTIC PERMAFROST AND SOILS (ANTPAS)

1) Co-Chairperson	James Bockheim	Department of Soil Science 263 Soils Bldg 1525 Observatory Drive Madison, WI 53706	(608) 262.2633		bockheim@facstaff.wisc.edu	
2)	Stephen Arcone	Cold Regions Research and Engineering Lab 72 Lyme Road Hanover, NH 03755-1290	(603) 646-4368		Steven.A.Arcone@usace.army.mil	

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3)	John Barrett	Department of Biological Sciences Derring Hall RM 1010, Virginia Tech 1405 Perry Street Blacksburg, VA 24061	(540) 231-3827		jebarre@vt.edu	
4)	Norman Bliss	Science and Applications Branch USGS EROS Data Center Sioux Falls, SD 57198	605-594-6034		bliss@usgs.gov	
5)	Scott Borg	Sciences Office of Polar Programs National Science Foundation 4201 Wilson Boulevard Arlington, VA 22230	(703) 292-8033	(703) 292-9079	sborg@nsf.gov	
6)	Jerry Brown	International Permafrost Association PO Box 7 Woods Hole, MA 02543			jerrybrown@igc.org	
7)	Gary Clow	U.S. Geological Survey USGS MS980 Box 25046, DFC Denver, CO, 80225	303 236-4790		clow@usgs.gov	
8)	Beata Csatho	Geology Department Remote Sensing Lab 864 Natural Sciences Complex Buffalo, NY 14260-3050	716-645-4325	716-645-3999	bcsatho@buffalo.edu	
9)	Cheryl Hallam	USGS 1201 Sunrise Valley Drive Mail Stop 521 Reston, VA 20192			challam@usgs.gov	
10)	John Kimble	USDA/NRCS Federal Bldg, Rm 152 100 Centennial Mall North Lincoln, NE 68508-3866	402-437-5376	402-437-5336	john.kimble@nssc.nrcs.usda.gov	
11)	Christopher McKay	Ames Research Center National Aeronautics and Space Administration Space Science Division MS 245-3 Moffett Field CA 94035	(650) 604-6864	(650) 604-6779	cMcKay@mail.arc.nasa.gov	

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12)	Frederick Nelson	Department of Geography University of Delaware Pearson Hall 207 Newark, DE 19716	(302) 831-0852	(302) 831-6654	fnelson@udel.edu	
13)	Ron Paetzold	U.S. Department of Agriculture Natural Resources Conservation Service Federal Building Lincoln, NE 68508	402 437-4133	402 437-5336	ron.paetzold@nssc.nrcs.usda.gov	
14)	Ross Powell	Department of Geology and Environmental Geosciences Northern Illinois University Davis Hall 312, Normal Rd. DeKalb, IL 60115	(815) 753-7952		rpowell@niu.edu	
15)	Mike Prentice	Department of Geological Sciences Indiana University 1001 East 10th Street Bloomington, IN 47405-1405	812-856-3117		miprenti@indiana.edu	
16)	Robert Rutford	Geosciences Division The University of Texas P. O. Box 830688 MS F021 Richardson, TX 75083-0688	(214) 883-6470	(214) 883-2537	rutford@utdallas.edu	
17)	Ron Sletten	Department of Earth and Space Sciences University of Washington Johnson Hall Rm-070, Box 351310 4000 15th Avenue NE	206-543-0571	206-543-0489	sletten@ess.washington.edu	
ADVANCING TECHNOLOGICAL AND ENVIRONMENTAL STEWARDSHIP FOR SUBGLACIAL EXPLORATION IN ANTARCTICA (ATHENA)						
1)	Peter Doran	University of Illinois at Chicago Earth and Environmental Sciences 845 W. Taylor St. Chicago, IL 60607	(312) 413-7275	(312) 413-2279	pdoran@uic.edu	
INTERNATIONAL BATHYMETRIC CHART OF THE SOUTHERN OCEAN (IBCSO)						
1)	Frank O. Nitsche	Lamont-Doherty Earth Observatory of Columbia University 61 Route 9W Palisades, NY 10964	845-365-8746	845-365-8179	fnitsche@ldeo.columbia.edu	

Activity	Contact Name	Address	Telephone	Fax	Email	web site
2)	Rochelle Wigley	Center for Coastal & Ocean Mapping/Joint Hydrographic Center Jere A. Chase Ocean Engineering Lab 24 Colovos Road Durham, New Hampshire 03824	603.862.1135	603.862.0839	rochelle@ccom.unh.edu	
EXPERT GROUP ON BIRDS AND MAMMALS (EGBAMM)						
1)	Dan Costa	Long Marine Laboratory University of California 100 Shaffer Road Santa Cruz, CA 95060 USA Polar Oceans Research Group	(831) 459-2786	(831) 459-3383	costa@biology.ucsc.edu	
2)	Donna Patterson-Fraser	PO Box 368 Sheridan, MT 59749 USA	406-842-7447	406-842-7442	patterdo@3rivers.net	
HUMAN BIOLOGY AND MEDICINE						
1)	Marc Shepanek	Deputy Chief of Medicine of Extreme Environments NASA Headquarters 300 E Street SW Washington, DC 20024-3210			marc.a.shepanek@nasa.gov	
INTEGRATING CLIMATE AND ECOSYSTEM DYNAMICS (ICED)						
1)	Dan Costa	Long Marine Laboratory University of California 100 Shaffer Road Santa Cruz, CA 95060 USA Center for Coastal & Physical Oceanography,	(831) 459-2786	(831) 459-3383	costa@biology.ucsc.edu	
2)	Eileen Hofmann	Old Dominion University 4111 Monarch Way, Norfolk, VA 23508, US Virginia Institute of Marine Science (VIMS),			hofmann@ccpo.odu.edu	
3)	Walker Smith	College of William and Mary, Gloucester Point, VA 23692, US			wos@vims.edu	
INTERHEMISPHERIC CONJUGACY EFFECTS IN SOLAR-TERRESTRIAL AND AERONOMY RESEARCH (ICESTAR)						
1)	Allan T Weatherwax	Associate Professor of Physics Siena College Department of Physics 515 Loudon Road Loudonville, NY 12211-1462	518 786 5089	518 783 4294	aweatherwax@siena.edu	
INTERNATIONAL PARTNERSHIPS IN ICE CORE SCIENCES (IPICS)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
1) Co-Chair	Edward Brooke	Assoc. Prof. Dept. of Geosciences Oregon State University 130 Wilkinson Hall	541 737 8197	541 737 1200	brooke@geo.oregonstate.edu	
2)	Joan Fitzpatrick	USGS Box 25046, MS 980 Denver, CO 80225			jfitz@usgs.gov	
3)	Joe McConnell	Desert Research Institute Division of Hydrological Sciences 2215 Raggio Parkway Reno, NV 89512			jmconn@dri.edu	
4)	Jeff Severinghaus	Scripps Institute of Oceanography 9500 Gilman Dr. La Jolla, CA 92093-0230			jseveringhaus@ucsd.edu	
5)	Eric Steig	Earth and Space Sciences University of Washington Johnson Hall 070 Box 351310 4000 15th Avenue NE Seattle, WA 98195-1310			steig@ess.washington.edu	
6)	Jim White	Department of Geological Sciences University of Colorado Boulder 1560 30th St Boulder, CO 80309			james.white@colorado.edu	

OPERATIONAL METEOROLOGY IN THE ANTARCTIC (OpMET)

1)	Chester Clogston	SPAWAR/ATS 8514 Long Meadow Drive North Charleston, SC 29420	843-218-5271		chester.clogston@navy.mil	
2)	Michael Carmody	Raytheon Polar Services	(720) 568-2310		Michael.Carmody@usap.gov	

Activity	Contact Name	Address	Telephone	Fax	Email	web site
3)	Matt Lazarra	Antarctic Meteorological Research Center Space Science and Engineering Center University of Wisconsin - Madison 1225 West Dayton Street Madison, Wisconsin 53706	(608) 262-0436	(608) 263-6738	mattl@ssec.wisc.edu	
4)	Pablo Clemente- Colon	NOAA/NESDIS/E/RA World Weather Building, Suite 701 5200 Auth Road Camp Springs, Maryland 20746	(301) 763-8127		pablo.clemente-colon @natice.noaa.gov	

SOUTHERN OCEAN OBSERVING SYSTEM (SOOS)

1)	Steve Ackley	Dept of Earth & Environmental Science University of Texas at San Antonio One UTSA Circle San Antonio, TX, 78249	210-458-6793	210-458-4469	sackley@pol.net	
2)	Jiping Liu	Department of Atmospheric and Environmental Sciences University at Albany, State University of New York 1400 Washington Ave. Albany, NY 12222	518-442-4048	518-4425825	jliu26@albany.edu	
3)	Dan Costa	Long Marine Laboratory University of California 100 Shaffer Road Santa Cruz, CA 95060 USA	(831) 459-2786	(831) 459-3383	costa@biology.ucsc.edu	
4)	Oscar Schofield	Coastal Ocean Observation Lab, Institute of Marine and Coastal Sciences Rutgers University New Brunswick, NJ 08903- SCOR Secretariat	732-932- 6555x548		oscar@imcs.rutgers.edu	
5)	Ed Urban	College of Earth, Ocean, And Environment Robinson Hall University of Delaware Newark, DE 19716	302-831-7011		www.scor-int.org	

NATIONAL ANTARCTIC DATA CENTRE

U.S. Antarctic Program Data Coordination Center	Robert Arko	Lamont-Doherty Earth Observatory Columbia University 61 Route 9W Palisades NY, 10964	(845) 818-3745	303 492 2468	info@usap-data.org	
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SCAR Database

Activity	Contact Name	Address	Telephone	Fax	Email	web site
<p>The US is responsible for the Antarctic Master Directory which is part of the Global Change Master Director run by NASA. The AMD can be found at http://gcmd.gsfc.nasa.gov/KeywordSearch/Home.do?Portal=amd&MetadataType=0freetext/ft_search.html</p> <p>SDLS - Hosted by the U.S. Geological Survey Western Coastal & Marine Geology (WCMG) Team and U.S. National Science Foundation Office of Polar Programs</p>						

U.S. ANTARCTIC PROGRAM RESEARCH PROJECTS, 2012-2013 (BY PRINCIPAL INVESTIGATOR)

PRINCIPAL INVESTIGATOR	EVENT NO.	PROJECT TITLE
Ainley, David	B-031-M	Geographic structure of Adélie penguin populations: Demography of population change http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=170
Ainley, David	B-042-M	COLLABORATIVE RESEARCH: Penguin foraging reveals phytoplankton spatial structure in the Ross Sea http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=545
Allen, Andrew	B-394-M	Synergistic effects of iron, carbon dioxide and temperature on the fate of nitrate: Implications for future changes in export production in the Southern Ocean http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=510
Amaral Zettler, Linda Angela	B-228-P	Collaborative Research: Microbial Community Assembly in Coastal Waters of the Western Antarctic Peninsula http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=550
Anderson, Kent	G-090-P/S	Global seismograph station at South Pole and Palmer Station http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=181
Anderson, Kent	G-090-P/S	Global seismograph station at South Pole and Palmer Stations http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=247
Barbeau, David L.	G-432-E	COLLABORATIVE RESEARCH: EAGER: Evaluating the suitability of the Larsen basin for testing the Cretaceous glaciation hypothesis http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=553
Barwick, Steven	A-127-M	Development of hexagonal hadio array for the ARIANNA ultra-high energy neutrino detector http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=472
Bench, Shelley R	B-018-P	PostDoctoral Research Fellowship http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=544
Bentley, Charles	T-350-M	Ice Coring and Drilling Services (ICDS) support for WAIS Divide http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=198
Bieber, John	A-120-M	Cosmic ray observations at McMurdo Station http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=290

Bindschadler, Robert	C-407-M	IPY: Collaborative Research: Ocean-ice sheet interaction in the Amundsen Sea: The keystone of West Antarctic stability http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=340
Blankenship, Donald	G-098-M	International cryospheric exploration through collaborative aerogeophysical profiling/Operation Ice Bridge (OIB) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=502
Bockheim, James	G-239-P	Impact of recent climate warming on active-layer dynamics, permafrost, and soil properties on the western Antarctic Peninsula http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=450
Bristow, William	A-369-M/S	McMurdo and South Pole SuperDARN: Investigation of the ionospheric dynamics and magnetosphere-ionosphere coupling in Antarctica http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=442
Buckley, Bradley	B-308-M	The cellular stress response in cold-adapted organisms: Building novel mechanistic links between heat stress, cell cycle arrest and apoptosis in Antarctic fishes. http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=396
Butler, James	O-264-P	Collection of atmospheric air for the NOAA/GMD worldwide flask-sampling network http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=137
Butler, James	O-257-M/S	South Pole monitoring for climatic change http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=87
Butler, James	O-257-M/S	UV measurements at McMurdo Station for the NOAA/Global Monitoring Division (GMD) Antarctic UV network http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=489
Carlstrom, John	A-379-S	Cosmological Research with the 10-meter South Pole Telescope http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=106
Carpenter, Paul	T-299-M	IRIS/PASSCAL seismic support http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=285
Cassano, John	O-240-M	Collaborative Research: Ocean-ice-atmosphere interactions in the Terra Nova Bay polynya http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=523
Cassar, Nicolas	O-405-L	Physiological and ecosystem structure forcings on carbon fluxes in the Southern Ocean mixed layer

Cheng, Chi-Hing Christina	O-217-L/N	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=492 Antarctic notothenioid fish freeze avoidance and genome-wide evolution for life in the cold
Chereskin, Teresa	O-317-L/N	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=531 Collaborative research: Southern Ocean current observations from the U.S. Antarctic research vessels
Chu, Xinzhao	A-130-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=358 Collaborative Research: Lidar Investigation of middle and upper atmosphere temperature, composition, chemistry, and dynamics at McMurdo, Antarctica
Clark, Peter U.	I-311-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=385 Collaborative Research: Dating and modeling the last deglaciation of the Ross Sea sector of the West Antarctic Ice Sheet
Clauer, C. Robert	A-106-M/S	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=521 Collaborative Research: Polar Experiment Network for Geospace Upper-atmosphere Investigations: Interhemispheric investigations along the 40-degree magnetic meridian
Comberiate, Mike	T-966-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=381 TDRSS and NAILS
Conway, Howard	I-209-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=449 Collaborative Research: Deglaciation of the Ross Sea Embayment - constraints from Roosevelt Island
Conway, Howard	I-210-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=520 Collaborative Research: East Antarctic outlet glacier dynamics
Corbett, David	O-176-L/P	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=529 Collaborative research: Submarine groundwater and freshwater inputs along the Western Antarctic Peninsula
Costa, Daniel	B-232-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=351 Collaborative Research: Weddell seals as autonomous sensors of the winter oceanography of the Ross Sea
Cottle, John	G-064-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=485 Exploring the significance of NA-alkaline magmatism in subduction systems, a case study from the Ross Orogen

Crocker, Brian Christopher	T-500-M	T-500-O http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=200
Devlin, Mark	A-147-M	Balloon-borne Large Aperture Sub-millimeter Telescope (BLAST-POL) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=162
Dolk, Shaun R	X-592-E	NOAA's Global Drifter Program (GDP) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=525
Domack, Eugene	C-515-E/L	LARISSA Project participation RVIB Araon Cruise in 2013 http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=551
Domack, Eugene	C-515-E/L	Continuation of the LARISSA continuous GPS network in view of observed dynamic response to Antarctic Peninsula mass balance and required geologic constraints http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=512
Doran, Peter	B-511-M	McMurdo LTER - Lakes: Increased connectivity in a polar desert resulting from climate warming: McMurdo Dry Valley LTER Program http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=527
Ducklow, Hugh William	B-252-P	The seasonal cycle of export production in an Antarctic coastal marine ecosystem http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=474
Ducklow, Hugh William	B-045-L/P	Palmer Long Term Ecological Research (LTER): Looking back in time through marine ecosystem space, microbial ecology component http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=299
Durbin, Edward G	B-014-N	Euphausia superba feeding using DNA analysis of gut contents http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=543
Emerson, Steven R	O-254-L	Noble gases in the Drake Passage aboard the ARSV Laurence M. Gould http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=530
Engebretson, Mark J	A-102-M/S	Studies of solar wind - Magnetosphere interactions using observations of ULF waves at an extensive ground array at high latitudes http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=133
Evenson, Paul	A-118-S	Element composition of high-energy solar particles http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=336
Firing, Eric	O-317-L/N	Collaborative research: Southern Ocean current observations from the U.S. Antarctic research vessels

Fountain, Andrew	B-504-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=358 McMurdo LTER - Glaciers: Increased connectivity in a polar desert resulting from climate warming: McMurdo Dry Valleys LTER Program http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=479</p>
Fraser, Bill	B-013-L/P	<p>Palmer Long Term Ecological Research (LTER): Looking back in time through marine ecosystem space, apex predator component http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=292</p>
Friedlaender, Ari Seth	B-206-E	<p>RAPID: Linking the movement patterns and foraging behavior of humpback whales to their prey across multiple spatial scales within the LTER study region http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=547</p>
Gill, John T	A-336-P	<p>ELF/VLF observation of whistler-mode waves, lightning discharge, and gamma-ray events from Palmer Station http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=135</p>
Halzen, Francis	A-333-S	<p>IceCube operations and maintenance http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=267</p>
Hanany, Shaul	A-146-M	<p>E & B Experiment (EBEX) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=504</p>
Hansell, Dennis Arthur	O-309-N	<p>Collaborative Research: TRacing the fate of Algal Carbon Export in the Ross Sea (TRACERS) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=557</p>
Hansen, Samantha	G-061-M	<p>CAREER: Deciphering the tectonic history of the Transantarctic Mountains and the Wilkes Subglacial Basin http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=517</p>
Harvey, Ralph	G-058-M	<p>Antarctic Search for Meteorites (ANSMET) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=226</p>
Harvey, Ralph	G-057-M	<p>The Antarctic Search for Meteorites (ANSMET): Reconnaissance team http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=178</p>
Helmig, Detlev	O-233-M	<p>Reactive gas chemistry in the Dome C snowpack and its influence on surface-layer chemistry and ice-core records http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=537</p>
Hernandez, Gonzalo	A-110-M/S	<p>Austral high-latitude atmospheric dynamics</p>

Hofmann, Gretchen	B-134-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=2 Ocean acidification: Integrated approaches to understanding effects on antarctic sea urchins, <i>Sterechinus neumayeri</i></p>
Holland, David	O-286-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=433 Collaborative Research: Application of distributed temperature sensors (DTS) for Antarctic ice shelves and cavities</p>
Hosticka, Bouvard NMI	T-998-P	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=491 Operation and maintenance of a CTBT radionuclide monitoring station at Palmer Station</p>
Kalnajs, Lars E	O-324-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=205 Augmenting the Ross Island-area automatic weather station network to develop a tropospheric ozone climatology</p>
Karle, Albrecht	A-107-S	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=500 Collaborative Research: MRI-R2 instrument development of the Askaryan Radio Array, a large-scale radio Cherenkov neutrino detector at the South Pole</p>
Kemerait, Robert	G-078-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=382 Dry Valley seismic project</p>
Kennicutt, Mahlon	B-518-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=86 Temporal variability in natural and anthropogenic disturbance of McMurdo Station</p>
Kim, Stacy	B-174-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=508 Benthic pelagic coupling in an intact ecosystem: The role of top predators in McMurdo Sound</p>
Kirschvink, Joseph	G-435-E	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=554 Magnetostratigraphy of Cretaceous sediments in the James Ross Island basin, Antarctica</p>
Koch, Paul	B-225-M	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=534 Collaborative research: Exploring the vulnerability of Southern Ocean pinnipeds to climate change - an integrated approach</p>
Kooyman, Gerald	B-464-N	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=511 Pre- and post-molt biology of emperor penguins</p>
Kovac, John	A-039-S	<p>Collaborative Research: BICEP2 and SPUD - A search for inflation with degree-scale polarimetry from the South Pole</p>

Kulesa, Craig	A-364-S	<p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=286</p> <p>High Elevation Antarctic Terahertz (HEAT) telescopes for Dome A and Ridge A</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=441</p>
LaBelle, James	A-128-S	<p>Collaborative Research: Applying the AGO network to energy transfer in the radiation belts and remote sensing of auroral plasma processes</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=459</p>
LaBelle, James	A-125-S	<p>Application of the AGO network to energy transfer in the radiation belts and remote sensing of auroral plasma processes</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=503</p>
Lamanna, Matthew	G-182-E	<p>Collaborative research: Late Cretaceous-Paleogene vertebrates from Antarctica: Implications for paleobiogeography, paleoenvironment, and extinction in Polar Gondwana</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=535</p>
Lazzara, Matt	O-283-M	<p>Collaborative Research: Antarctic Automatic Weather Station (AWS) program</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=438</p>
Ledwell, James Robert	O-124-L	<p>Studies of turbulence and mixing in the Antarctic Circumpolar Current, a continuation of DIMES</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=555</p>
Leonard, Katherine Colby	O-242-E	<p>Role of snow distribution processes in Antarctic sea ice mass balance</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=556</p>
Levy, Joseph	G-084-M	<p>Cryptic hydrology of the McMurdo Dry Valleys: Water track contributions to water and geochemical budgets in Taylor Valley, Antarctica</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=518</p>
Levy, Joseph	G-080-M	<p>Rapid landscape change in Garwood Valley: Monitoring buried glacier melt and exploring "Péwé's Lost Lake"</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=466</p>
Lubin, Dan	O-314-M	<p>Antarctic Cloud Physics: Fundamental Observations from Ross Island</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=558</p>
Lyons, W. Berry	B-509-M	<p>McMurdo LTER - Geochemistry: Increased connectivity in a polar desert resulting from climate warming: McMurdo Dry Valley LTER Program</p> <p>http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=483</p>

Marchant, David R	G-054-M	Quantifying surface processes above buried ice in Antarctica: Implications for terrestrial climate change and glaciation on Mars http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=428
Martinson, Doug	B-021-L	Palmer Long Term Ecological Research (LTER): Looking back in time through marine ecosystem space, physical oceanography component http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=296
Mayewski, Paul	I-173-M	Roosevelt Island Climate Evolution (RICE) project http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=498
McClintock, James	B-027-P	The effects of ocean acidification and rising sea surface temperatures on shallow-water benthic organisms in Antarctica http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=460
McKay, Christopher	B-302-M	IceBite: An auger and sampling systems for ground ice on Mars http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=365
McKnight, Diane	B-506-M	McMurdo LTER - Streams: Increased connectivity in a polar desert resulting from climate warming: McMurdo Dry Valley LTER Program http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=464
Melendy, Renee	T-940-M	CRREL 09-10 activities http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=417
Mellish, Jo-Ann	B-470-M	Collaborative Research: Thermoregulation in free-living Antarctic seals: the missing link in effective ecological modeling http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=463
Miller, Scott	O-278-N	Air-sea fluxes of momentum, heat, and carbon dioxide at high wind speeds in the Southern Ocean http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=490
Min, Larissa	W-491-M	Wondering Gondwana http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=540
Mitchell, John	A-142-M	Super Trans-Iron Galactic Element Recorder (SuperTIGER) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=539
Moore, Anna	A-356-S	Analysis of the data from the Gattini Antarctic camera network http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=338

Moore, Robert C	A-109-M/P/S	Collaborative Research: Antarctic ELF/VLF observations of lightning and lightning-induced electron precipitation http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=383
Morel, Francois M	B-003-P	Collaborative Research: The seasonal dynamics of CO2, primary production, and DMS in the Western Antarctic Peninsula - Measurements of pools and processes using mass spectrometry http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=505
Morgan-Kiss, Rachael	B-247-M	CAREER: Protist diversity and function in the dry valley lakes http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=473
Morin, Paul	T-434-M	The Polar Geospatial Information Center: Joint support http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=471
Naveen, Ron	B-044-E	Collaborative Research: Multispecies, multi-scale investigations of long-term changes in penguin and seabird populations on the Antarctic Peninsula http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=298
O'Brien, Kristin M.	B-036-L/P	Redox balance in Antarctic notothenioid fishes: Do icefishes have an advantage? http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=532
Obbard, Rachel W	O-263-M	Bromide in snow in the sea ice zone http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=524
Pettit, Joseph R	T-295-M	UNAVCO GPS survey support http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=11
Place, Sean	B-199-M	Ocean acidification—category 1: Identifying adaptive responses of polar fishes in a vulnerable ecosystem http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=461
Ponganis, Paul	B-197-M	The physiological ecology of two Antarctic icons: Emperor penguins and leopard seals http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=444
Postlethwait, John Harvey	B-029-L/P	Developmental Mechanisms for the Evolution of Bone Loss http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=546
Powell, Ross	C-522-M	Collaborative Research: Integrative study of marine ice sheet stability and subglacial life habitats - Robotic Access to Grounding-zones for Exploration and Science (RAGES) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=514

Priscu, John	C-523-M	Collaborative research: GeomicroBiology of Antarctic Subglacial Environments (GBASE) beneath the Mercer and Whillans ice streams http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=515
Priscu, John	B-505-M	McMurdo LTER - Lakes: Increased connectivity in a polar desert resulting from climate warming: McMurdo Dry Valley LTER Program http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=480
Pryke, Clement	A-149-S	Collaborative Research: BICEP2 and SPUD - A search for inflation with degree-scale polarimetry from the South Pole http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=387
Rack, Frank	C-524-M	WISSARD borehole drill contractor http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=501
Romalis, Michael V	A-103-S	Test of Lorentz invariance at the South Pole http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=542
Rotella, Jay	B-009-M	The demographic consequences of environmental variability and individual heterogeneity in life-history tactics of a long-lived Antarctic marine predator http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=216
Scambos, Theodore	C-514-E	Collaborative Research in IPY: Abrupt Environmental Change in the Larsen Ice Shelf System, a Multi-disciplinary Approach -- Cryosphere and Oceans (LARISSA) http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=355
Schmidt, Britney Elyce	B-259-M	Astrobiology Science and Technology for Exploring Planets http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=548
Schofield, Oscar	B-019-L/P	Palmer Long Term Ecological Research (LTER): Looking back in time through marine ecosystem space, phytoplankton component http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=294
Schwartz, Susan	C-525-M	Investigating (un)stable sliding of Whillans Ice Stream and subglacial water dynamics using borehole seismology: A component of the Whillans Ice Stream Subglacial Access Research Drilling (WISSARD) Project http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=516
Severinghaus, Jeffrey	I-476-M	Collaborative Research: Replicate coring at WAIS Divide to obtain additional samples at events of high scientific interest http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=487

Sims, Kenneth W	G-092-M	Collaborative Research: A geochemical study of the nature and evolution of mantle upwelling beneath Ross Island and its relationship to tectonics in the West Antarctic Rift System http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=519
Sprintall, Janet	O-260-L	The Drake Passage high-density XBT/XCTD program http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=19
Staudigel, Hubert	G-439-M	Collaborative research: Microbially mediated alteration of volcanic glass using McMurdo extreme environments as natural laboratories http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=275
Stearns, Leigh	I-351-M	Collaborative Research: Byrd Glacier flow dynamics http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=437
Steinberg, Deborah	B-020-L/P	Palmer Long Term Ecological Research (LTER): Looking back in time through marine ecosystem space, zooplankton component http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=295
Stepp, Bill	A-145-M	NASA Long Duration Balloon (LDB) support program http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=65
Stone, John	I-414-M	Glacial-interglacial history of West Antarctic nunataks and site reconnaissance for subglacial bedrock sampling http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=522
Sweeney, Colm	O-214-L	Collaborative research: Biogeochemical controls of the oxygen and carbon system in the Drake Passage http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=499
Szuberla, Curt	T-396-M	Installation of a CTBT class infrasound station http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=538
Takacs-Vesbach, Cristina	B-330-M	Collaborative research: An integrated ecological investigation of McMurdo Dry Valley's active soil microbial communities http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=509
Taylor, Edith	G-496-M	Collaborative research: Life in a volcanic landscape: Early Jurassic paleoenvironments and paleobotany http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=528
Taylor, Kendrick	I-477-M	WAIS Divide Science Coordination Office (SCO)

Thoman, Bruce	T-927-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=414 NASA/McMurdo Ground Station (MGS)
Thurber, Andrew	B-004-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=204 Microbe-metazoan interactions in an Antarctic infaunal community
Tuft, Diane	W-493-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=506 The hidden light of Antarctica
Tulaczyk, Slawek	C-521-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=533 Collaborative research: Integrative study of marine ice sheet stability and subglacial life habitats - Lake and Ice Stream Subglacial Access Research Drilling (LISSARD)
Wall, Diana	B-507-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=513 McMurdo LTER - Soils: Increased connectivity in a polar desert resulting from climate warming: McMurdo Dry Valley LTER Program
Warburton, Janet	Y-606-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=481 PolarTREC
Warren, Stephen	O-201-E	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=526 Spectral and broadband albedo of Antarctic sea-ice types
Watters, George	B-006-N	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=507 NOAA/AMLR Cruise
Weatherwax, Allan T	A-111-M/S	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=234 Studies of the polar Ionosphere and Magnetosphere from measurements in Antarctica
Weatherwax, Allan T	A-112-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=384 Polar experiment network for geospace upper-atmosphere investigations: PENGUIn - A high-latitude window to geospace dynamics
Wiens, Douglas	G-089-M/S	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=403 Polenet East: An international seismological network for East Antarctica
Wilson, Terry	G-079-M	http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=270 Collaborative research, IPY POLENET-Antarctica: Investigating links between geodynamics and ice sheets

Wu, Qian	A-132-P	Collaborative Research: Thermospheric neutral wind observation in the Antarctica Peninsula http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=386
Young, Duncan A	G-099-M	Geophysical Investigation of Marie Byrd Land Lithospheric Evolution – GIMBLE http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=552
Yuan, Xiaojun	O-261-N	Collaborative Research: Sampling the ocean - sea ice interaction in the Pacific center of the Antarctic Dipole http://www.usap.gov/scienceSupport/sciencePlanningSummaries/2012_2013/scienceSummariesAction.cfm?formAction=detail&ID=325