

**NRS ANNUAL REPORT
PART 4. CURRENT RESEARCH
Academic year: 2012-13**

Campus: University of California, Santa Barbara
Reserve: Santa Cruz Island Reserve

University of California

<i>Applicant:</i> Dirk H Van Vuren	University of California, Davis		
<i>Project title:</i> Post-sheep recovery of Santa Cruz Island			
<i>Project duration:</i> May 11, 2008 to May 15, 2018			
<i>Funding:</i> <i>Sponsor:</i>			
<i>Duration:</i> Dec 31, 1999 - May 15, 2008		<i>Amount:</i>	\$0
<i>Number:</i>			
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<i>Applicant:</i> Scott D Sunell	University of California, Los Angeles		
<i>Project title:</i> Island Chumash Land Use and Craft Production in Laguna Canyon, Santa Cruz Island			
<i>Project duration:</i> June 8, 2012 to September 1, 2012			
<i>Funding:</i> <i>Sponsor:</i>			
<i>Duration:</i> Dec 31, 1999 - Jun 11, 2012		<i>Amount:</i>	\$0
<i>Number:</i>			
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<i>Applicant:</i> Larry L Loehner	University of California, Los Angeles		
<i>Project title:</i> Chaparral Seedling Recruitment			
<i>Project duration:</i> September 1, 2001 to December 31, 2020			
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<i>Applicant:</i> Scott D Sunell	University of California, Los Angeles		
<i>Project title:</i> Laguna Canyon dissertation fieldwork			
<i>Project duration:</i> July 3, 2015 to July 31, 2015			
<i>Funding:</i> <i>Sponsor:</i> UCLA Department of Anthropology			
<i>Duration:</i> Oct 1, 2014 - Oct 31, 2015		<i>Amount:</i>	\$3,000
<i>Number:</i>			
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<i>Applicant:</i> Carol A Blanchette	University of California, Santa Barbara		
<i>Project title:</i> Settlement, Growth and Survival of Organisms across a Biogeographic Gradient			
<i>Project duration:</i> March 22, 2013 to December 31, 2020			
<i>Funding:</i> <i>Sponsor:</i> The Packard Foundation			
<i>Duration:</i> Mar 22, 2014 - Dec 31, 2015		<i>Amount:</i>	\$234,099
<i>Number:</i> 448750-59552 (cost center BC15P)			
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<i>Applicant:</i> Eileen Thorsos	University of California, Santa Barbara		
<i>Project title:</i> Bishop Pine Fog Study			
<i>Project duration:</i> January 31, 2004 to February 1, 2004			
<i>Funding:</i> <i>Sponsor:</i> Mellon Foundation			
<i>Duration:</i> Feb 1, 2004 - Dec 1, 2006		<i>Amount:</i>	\$300,000
<i>Number:</i>			
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<i>Applicant:</i> Kristina M Gill	University of California, Santa Barbara		
<i>Project title:</i> Relative Importance of Plant Resources in Archaeological Sites			
<i>Project duration:</i> February 23, 2007 to February 27, 2007			
<i>Funding:</i> <i>Sponsor:</i> Mildred E. Mathias Graduate Student Research Grant			
<i>Duration:</i> Feb 1, 2007 - Oct 1, 2008		<i>Amount:</i>	\$2,500
<i>Number:</i>			

<i>Applicant:</i>	Kristina M Gill	University of California, Santa Barbara	
<i>Additional PI:</i>	Jon McVey Erlandson	University of Oregon	
<i>Project title:</i>	Macrobotanical Investigations along the North Ridge		
<i>Project duration:</i>	July 16, 2007 to August 4, 2007		
<i>Funding:</i>	<i>Sponsor:</i> Mildred E. Mathias Graduate Student Research Grant		
	<i>Duration:</i> Feb 1, 2007 - Feb 1, 2009	<i>Amount:</i>	\$2,500
	<i>Number:</i>		
<i>Applicant:</i>	Tal Ben-Horin	University of California, Santa Barbara	
<i>Project title:</i>	The effects of landscape and community structure on movement and survival of black abalone		
<i>Project duration:</i>	October 14, 2008 to October 16, 2008		
<i>Funding:</i>	<i>Sponsor:</i> University of California Marine Council Coastal Environmental Quality Initiative		
	<i>Duration:</i> Jul 1, 2008 - Jun 1, 2009	<i>Amount:</i>	\$30,000
	<i>Number:</i> BTW01		
<i>Applicant:</i>	Sara A Baguskas	University of California, Santa Barbara	
<i>Additional PI:</i>	Christopher J Still	Oregon State University	
<i>Project title:</i>	Physical and chemical interactions between epiphytic macrolichen (<i>Ramalina menziesii</i>) and fog on Santa Cruz Island, California		
<i>Project duration:</i>	March 26, 2009 to September 12, 2014		
<i>Funding:</i>	<i>Sponsor:</i> Mildred E. Mathias Graduate Student Research Grant		
	<i>Duration:</i> Mar 1, 2009 - Sep 1, 2013	<i>Amount:</i>	\$2,600
	<i>Number:</i> AD675B		
<i>Applicant:</i>	Bodo Bookhagen	University of California, Santa Barbara	
<i>Project title:</i>	The impact of the 2009/2010 El Nino on mass transport and erosion processes on Santa Cruz Island, California		
<i>Project duration:</i>	August 10, 2010 to December 31, 2014		
<i>Funding:</i>	<i>Sponsor:</i>		
	<i>Duration:</i> Dec 31, 1999 - Aug 20, 2010	<i>Amount:</i>	\$0
	<i>Number:</i>		
<i>Applicant:</i>	Lynn H Gamble	University of California, Santa Barbara	
<i>Project title:</i>	Archaeological Investigations of House Depressions at El Monton (SCr1-333) on Santa Cruz Island		
<i>Project duration:</i>	July 22, 2010 to July 31, 2015		
<i>Funding:</i>	<i>Sponsor:</i>		
	<i>Duration:</i> Dec 31, 1999 - Jul 27, 2010	<i>Amount:</i>	\$0
	<i>Number:</i>		
<i>Applicant:</i>	Michael A Glassow	University of California, Santa Barbara	
<i>Project title:</i>	Determination of California mussel growth rates at varying positions within the intertidal zone		
<i>Project duration:</i>	March 4, 2012 to March 9, 2012		
<i>Funding:</i>	<i>Sponsor:</i>		
	<i>Duration:</i> Dec 31, 1999 - Mar 9, 2012	<i>Amount:</i>	\$0
	<i>Number:</i>		
<i>Applicant:</i>	Kristin M Hoppa	University of California, Santa Barbara	
<i>Project title:</i>	Reconstructing Prehistoric Plant Use on Santa Cruz Island		
<i>Project duration:</i>	June 22, 2012 to June 24, 2012		
<i>Funding:</i>	<i>Sponsor:</i> Mildred E. Mathias Graduate Student Research Grant		
	<i>Duration:</i> Jun 1, 2012 - Oct 1, 2012	<i>Amount:</i>	\$2,800
	<i>Number:</i>		

Applicant: Michael A Glassow University of California, Santa Barbara
Project title: Radiocarbon Dating of Prehistoric Red Abalone Midden Deposits
Project duration: August 5, 2012 to August 9, 2012
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Aug 9, 2012 *Amount:* \$0
Number:

Applicant: Lyndal Laughrin University of California, Santa Barbara
Additional PI: Lyndal Laughrin University of California, Santa Barbara
Project title: Landbird Monitoring - Santa Cruz Island
Project duration: October 30, 2012 to December 31, 2016

Applicant: Roxanne S Beltran University of California, Santa Cruz
Project title: LONG-TERM CONSEQUENCES OF FERAL SHEEP GRAZING ON HERBACEOUS COVER OF SANTA CRUZ ISLAND, CALIFORNIA
Project duration: July 25, 2012 to July 29, 2012
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Jul 29, 2012 *Amount:* \$0
Number:

Applicant: Zachary Mikalonis University of California, Santa Cruz
Additional PI: Christian Schwarz University of California, Santa Cruz
Project title: Fungal survey and herbarium revitalization.
Project duration: December 27, 2012 to January 1, 2013

California State University System

Applicant: Don G Miller California State University (CSU), Chico
Project title: California State University Chico - Biological Sciences
Project duration: May 27, 2013 to December 31, 2014
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Mar 22, 2003 *Amount:* \$0
Number:

California - Other University or College

Applicant: Amanda M Sparkman Westmont College
Project title: Demography, behavior, physiology and life-history evolution of island reptiles
Project duration: June 7, 2013 to June 30, 2016
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Jun 30, 2015 *Amount:* \$0
Number:

U.S. - University or College Outside of California

Applicant: Adam G Dillon Colorado State University
Project title: Santa Cruz Island Fox and Skunk Research
Project duration: September 10, 2012 to September 13, 2012
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Sep 13, 2012 *Amount:* \$0
Number:

Applicant: Thomas Orin Powers University of Nebraska
Additional PI: Ernest Bernard University of Tennessee
Project title: Integrative Taxonomy of the Criconematidae: NSF Criconematidae Grant 6-29-2011
Project duration: June 15, 2012 to June 15, 2015
Funding:

Sponsor: National Science Foundation
Duration: Jun 15, 2012 - Jun 15, 2012 *Amount:* \$528,001
Number: DEB-1145440

Applicant: Jon McVey Erlandson University of Oregon
Additional PI: Torben Rick Smithsonian Institution
Project title: Archaeology and Historical Ecology of Southwest Santa Cruz Island
Project duration: January 1, 2013 to January 27, 2015

Applicant: Allison J Matzelle University of South Carolina
Project title: Environmental signal analysis: monitoring the impacts of climate change on rocky intertidal ecosystems across a cascade of scales
Project duration: November 18, 2011 to November 23, 2011
Funding: *Sponsor:* National Science Foundation
Duration: Sep 1, 2009 - Aug 1, 2014 *Amount:* \$717,620
Number: OCE-0926581
Sponsor: National Aeronautics and Space Administration
Duration: Nov 1, 2011 - Nov 1, 2014 *Amount:* \$1,900,000
Number:

Non-Governmental Organization or Non-Profit Entity

Applicant: Peter Sharpe Institute for Wildlife Studies
Project title: Bald eagle and peregrine falcon surveying
Project duration: February 5, 2013 to June 25, 2013
Funding: *Sponsor:* Montrose Settlements Trustee Council
Duration: Jan 1, 2014 - Dec 31, 2014 *Amount:* \$375,000
Number:

Applicant: Christina Boser Nature Conservancy
Project title: Argentine ant eradication trials
Project duration: April 22, 2012 to April 30, 2012
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Apr 30, 2012 *Amount:* \$0
Number:

Applicant: Nancy Jean Vivrette Santa Barbara Botanic Garden
Additional PI: Nancy Vivrette Santa Barbara Botanic Garden
Project title: Monitoring vegetation change of coastal bluff vegetation on Fraser Point, Santa Cruz Island, CA
Project duration: April 26, 2013 to April 28, 2023

Applicant: Scott Sillett Smithsonian Institution
Project title: Reproductive ecology, habitat associations, and West Nile Virus prevalence in landbirds on Santa Cruz Island
Project duration: March 15, 2005 to February 10, 2013
Funding: *Sponsor:* The Nature Conservancy
Duration: Sep 1, 2007 - Feb 10, 2013 *Amount:* \$50,000
Number: .

Applicant: Scott Sillett Smithsonian Institution
Project title: Reproductive ecology, habitat associations, and West Nile Virus prevalence in landbirds on Santa Cruz Island
Project duration: December 31, 1999 to December 31, 2015
Funding: *Sponsor:* The Nature Conservancy
Duration: Sep 1, 2007 - Dec 31, 2015 *Amount:* \$50,000
Number: .

Governmental Agency or Entity

Applicant: Dan Richards Channel Islands National Park
Additional PI: Stephen Whitaker Channel Islands National Park
Project title: Rocky Intertidal Communities Long-term Monitoring
Project duration: September 1, 1994 to October 19, 2005
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Oct 19, 2005 *Amount:* \$0
Number:

Applicant: Susan Teel National Park Service
Project title: Phenology Bee Project
Project duration: July 26, 2011 to December 31, 2012
Funding: *Sponsor:*
Duration: Dec 31, 1999 - Jul 28, 2011 *Amount:* \$0
Number:

Applicant: Kennon A Corey US Fish and Wildlife Service
Project title: Island Jay Demography
Project duration: February 22, 2013 to June 30, 2014

Applicant: Kathryn McEachern US Geological Survey
Project title: Recovery Outplanting Research for Santa Cruz Island Threatened and Endangered Plants
Project duration: May 30, 2006 to June 2, 2006
Funding: *Sponsor:* National Park Service
Duration: Oct 1, 2005 - Oct 1, 2007 *Amount:* \$150,000
Number: PMIS No. 91612
Sponsor: U.S. Geological Survey - Biological Resources Discipline-Western Ecological
Research Center
Duration: Jan 1, 2006 - Jan 1, 2008 *Amount:* \$80,000
Number:

Applicant: Kathryn McEachern US Geological Survey
Project title: Rare plant recovery research
Project duration: January 1, 2013 to January 1, 2016
Funding: *Sponsor:* National Science Foundation
Duration: Jan 1, 2010 - Jan 1, 2010 *Amount:* \$274,359
Number: 0950106
Sponsor: National Park Service
Duration: Apr 1, 2010 - Oct 1, 2016 *Amount:* \$347,259
Number: PMIS138981

Business Entity

Applicant: Matt James Coastal Restoration Consultants
Project title: Coastal Sage Scrub Restoration Experiment in fennel dominated habitats
Project duration: September 23, 2008 to September 25, 2008
Funding: *Sponsor:* The Nature Conservancy
Duration: Aug 1, 2008 - Nov 1, 2010 *Amount:* \$150,000
Number: TNC

SUMMARY:

Total number of projects:	35
Projects which received funding:	29
Gross funding received:	\$5,199,738 *
Funding for this fiscal year:	\$845,708 **

* Gross funding amount is the total expected to be received by all projects during their entire period of existence.

** Apportioned funding amount is calculated as:

Gross funding X Days of overlap in FY & funding duration / Total days of funding duration.