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1

Visit NSF website ([www.nsf.gov/awardsearch](http://www.nsf.gov/awardsearch))

The screenshot shows the NSF Award Search website. At the top is the NSF logo with the text "National Science Foundation WHERE DISCOVERIES BEGIN". To the right is a "QUICK LINKS" button and a search bar. Below the logo is a navigation menu with links: HOME, FUNDING, AWARDS, DISCOVERIES, NEWS, PUBLICATIONS, STATISTICS, ABOUT NSF, and FASTLANE. Under the "AWARDS" link, there are sub-links: Simple Search, Advanced Search, Popular Searches, Download Awards, Send Comments, and Award Search Help. The main content area is titled "Awards Simple Search". It features a search box with the placeholder text "Search award for:". Below the search box is a note: "Use double quotes for exact search. For example 'water vapor'." There are two checkboxes: "Active Awards" (checked) and "Expired Awards" (unchecked). A blue box highlights the search box and the checkboxes. A blue arrow points from the right towards the search box. At the bottom of the page, there is a footer with various links: Research.gov, USA.gov, National Science Board, Recovery Act, Budget and Performance, Annual Financial Report, Web Policies and Important Links, Privacy, FOIA, NO FEAR Act, Inspector General, Webmaster Contact, and Site Map. The NSF logo is also present in the footer, along with the text: "The National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230, USA Tel: (703) 292-5111, FIRS: (800) 877-8339 | TDD: (800) 281-8749". There is also a link for "Text Only Version".




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2

## Type in keyword(s) and check active grants

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**Awardee Information**

Principal Investigator First Name

Principal Investigator Last Name

☒ Include Co-Principal Investigator in name search

Organization

State

Zip Code

Country

**Program Information**

NSF Organization

Element Code

Reference Code

Any All

Any All

Program

Program Officer

**Additional Information**

Keyword

HINT: The Keyword field searches on the title and abstract only.

☐ Search Award Title Only

Award Number

From  To

Award Amount

Award Instrument

☒ Active Awards

Original Award Date

Start Date

Expiration Date

Search Reset

Arctic Ocean Area  
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Armenia  
Aruba  
Ashmore and Cartier Islands  
Atlantic Ocean Area  
Australasia  
Australia  
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Bahamas  
Bahrain  
Baker Island  
Bangladesh  
Barbados  
Belarus  
Belgium  
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Canada  
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Caribbean  
Cayman Islands  
Central African Republic  
Central America  
Chad  
Chile  
China  
Christmas Island  
Clipperton Island  
Cocos (Keeling) Islands  
Colombia  
Comoros  
Congo (Brazzaville)  
Congo (Kinshasa)  
Cook Islands  
Coral Sea Islands  
Costa Rica  
Cote d'Ivoire (Ivory Coast)  
Croatia  
Cuba  
Cyprus  
Czech Republic  
Denmark  
Dhekelia Sovereign Base Area  
Djibouti  
Dominica  
Dominican Republic  
East Asia and Pacific  
East Europe and Newly Indep Sts  
East Timor  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Eritrea  
Estonia  
Ethiopia  
Falkland Islands (Islands Malvinas)  
Far East  
Faroe Islands

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### Tips:

1. In the advanced search window you can filter by project end date, country, PI-name, etc.
2. You can also select to include co-PIs\*



\*Co-PIs can serve as your US-partner. An email must be submitted from the PI indicating their acknowledgement of the collaboration

3

# Read through results and click on awards of interest: Check end date of award for 12 month minimum overlap requirement

11 on the 9th? - raparker@ x E2 Solutions - At a Glance x USAID - Calendar x Inbox (242) - rachelariella@ x nsf.gov - Staff Directory Se x NSF Award Search: Simple x

nsf.gov/awardsearch/simpleSearchResult?queryText=food+security+AND+agriculture&ActiveAwards=true

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Simple Search Results

Search award for: food security AND agriculture Search

Export up to 3,000 Awards: CSV XML Excel Text Email this Link Export All Results

Sort By: Relevance Results size: 30 per page Table List Page 1 of 49 Displaying 1 - 30 of 1445

**You Searched For:**  
food security AND agriculture  
**Active Awards** true

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Refine Search

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Alaska(15)  
Alabama(19)  
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Arizona(38)  
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US(1443)

**NSF Organization**  
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Directorate for Computer & Information Science & Engineering (50)  
Directorate for Geosciences(285)  
Directorate for Engineering(243)  
Directorate for Biological Sciences(537)  
Directorate for Education & Human Resources (41)

**Collaborative Research: WSC-Category 3: Crops, climate, canals, and the cryosphere in Asia - changing water resources around the Earth's third pole**  
Award Number:1038907; Principal Investigator:Mark Friedl; Co-Principal Investigator:Ian Sue Wing; Organization:Trustees of Boston University;NSF Organization:EAR Award Date:10/01/2010; Award Amount:\$224,014.00; Relevance:49.79;

**Collaborative Research: WSC-Category 3: Crops, climate, canals, and the cryosphere in Asia - changing water resources around the Earth's third pole**  
Award Number:1038614; Principal Investigator:Karen Fisher-Vanden; Co-Principal Investigator:; Organization:Pennsylvania State Univ University Park;NSF

**Collaborative Research: WSC-Category 3: Crops, Climate, Canals and the Cryosphere in Asia - Changing Water Resources around the Earth's Third Pole**  
Award Number:1038818; Principal Investigator:Steve Frohling; Co-Principal Investigator:Richard Lammers, Changsheng Li, Dominik Wisser; Organization:University of New Hampshire;NSF Organization:EAR Award Date:10/01/2010; Award Amount:\$827,492.00; Relevance:49.79;

**Collaborative Research: WSC-Category 3: Crops, climate, canals, and the cryosphere in Asia - changing water resources around the Earth's third pole**  
Award Number:1039008; Principal Investigator:Regine Hock; Co-Principal Investigator:Sergey Marchenko; Organization:University of Alaska Fairbanks Campus;NSF Organization:EAR Award Date:10/01/2010; Award Amount:\$159,593.00; Relevance:49.76;

**PIRE: Land Use, Ecosystem Services and the Fate of Marginal Lands in a Globalized World**  
Award Number:0968211; Principal Investigator:Christopher Neill; Co-Principal Investigator:Jerry Melillo, John Mustard, Leah VanWey, Sriniketh Nagavarapu; Organization:Brown University;NSF Organization:IIA Award Date:09/01/2010; Award Amount:\$1,199,999.00; Relevance:48.61;

**RAPID: Food security and community health during a period of transition**  
Award Number:1328245; Principal Investigator:Craig Hadley; Co-Principal Investigator:; Organization:Emory University;NSF Organization:BCS Award Date:08/01/2013; Award Amount:\$29,358.00; Relevance:48.37;

**SEES Fellows: Living with locusts: Training an ecophysiologicalist to incorporate bioeconomic modeling and collaborative with applied food security and agricultural agencies**  
Award Number:1313958; Principal Investigator:Arianne Cease; Co-Principal Investigator:; Organization:Arizona State University;NSF Organization:CHE Award Date:09/01/2013; Award Amount:\$338,921.00; Relevance:48.16;

**Doctoral Dissertation Research: Genetically Modified Vegetables: Transgenic Agriculture, Contested Knowledge, and Democratic Practice**  
Award Number:1324382; Principal Investigator:Kalyanakrishnan Sivaramakrishnan; Co-Principal Investigator:Aniket Pankaj Aga; Organization:Yale University;NSF Organization:SES Award Date:09/01/2013; Award Amount:\$11,705.00; Relevance:47.86;

**Climate, Drought, and Agricultural Adaptations: An Investigation of Vulnerabilities and Responses to Water Stress Among Paddy Farmers in Sri Lanka**  
Award Number:1204685; Principal Investigator:George Hornberger; Co-Principal Investigator:Lanka Thabrew, James Fraser, Jonathan Gilligan, Amanda Carrico; Organization:Yale University;NSF Organization:EAR Award Date:09/01/2013; Award Amount:\$1,199,999.00; Relevance:49.79;

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100,000(96)  
500,000(806)  
1,000,000(240)  
(149)

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**Award Abstract #1120263**

**Collaborative Research: The genomic basis of dramatic, rapid, convergent evolution in the killifish *Fundulus heteroclitus***

NSF Org:	<a href="#">DEB</a> <a href="#">Division of Environmental Biology</a>
Initial Amendment Date:	August 3, 2011
Latest Amendment Date:	August 3, 2011
Award Number:	1120263
Award Instrument:	Standard Grant
Program Manager:	George W. Gilchrist DEB Division of Environmental Biology BIO Directorate for Biological Sciences
Start Date:	August 1, 2011
Expires:	July 31, 2015 (Estimated)
Awarded Amount to Date:	\$72,980.00
Investigator(s):	Mark Hahn <a href="mailto:mhahn@whoi.edu">mhahn@whoi.edu</a> (Principal Investigator)
Sponsor:	Woods Hole Oceanographic Institution 183 OYSTER POND ROAD WOODS HOLE, MA 02543-1041 (508)289-2462
NSF Program(s):	EVOLUTIONARY GENETICS
Program Reference Code(s):	9169, EGCH
Program Element Code(s):	7378

**ABSTRACT**

Populations of the Atlantic killifish (*Fundulus heteroclitus*) inhabiting urban estuaries have rapidly and repeatedly evolved tolerance to extreme pollution stress, yet the genetic changes that enabled this adaptive tolerance are unknown. This grant will facilitate sequencing the full killifish genome, and re-sequencing of genomes from many sensitive and tolerant populations, to enable discovery of the genetic changes that facilitated tolerance to human pollutants, and address whether there are a few or many genetic variants that confer tolerance or sensitivity to pollution among the many different populations inhabiting polluted sites.

A major ambition of both evolutionary biology and medical genetics is to identify the genetic variants within and among populations that contribute to an individual's tolerance to stress or disease. For example, human individuals vary in their sensitivity to disease and environmental pollutants, and a portion of this variation has a genetic basis. Studies of the genomic changes in killifish exposed to pollutants provide an excellent opportunity to discover the genetic basis of individual sensitivity to common environmental pollutants in a vertebrate animal that shares many traits with humans. This research could identify genetic variants that contribute to human sensitivity to environmental pollutant exposures and also offer detailed insight into fundamental mechanisms of the evolutionary process.

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Contact information for potential partners

Tips:

1. Copy [peer@nas.edu](mailto:peer@nas.edu) on emails to potential partners in case of questions
2. Explain the PEER proposal process
3. Include an abstract of the proposal you'd like to submit
4. Contact multiple possible partners at the same time

Review award details

## 4

## Find details of project

nsf.gov/awardsearch/showAward?AWD\_ID=0968211&HistoricalAwards=false

**Award Abstract #0968211**  
**PIRE: Land Use, Ecosystem Services and the Fate of Marginal Lands in a Globalized World**

**NSF Org:** [IIA Office of International and Integrative Activities](#)

**Initial Amendment Date:** August 31, 2010

**Latest Amendment Date:** December 6, 2012

**Award Number:** 0968211

**Award Instrument:** Standard Grant

**Program Manager:** DeAndrea Beck  
 IIA Office of International and Integrative Activities  
 O/D OFFICE OF THE DIRECTOR

**Start Date:** September 1, 2010

**Expires:** August 31, 2014 (Estimated)

**Awarded Amount to Date:** \$1,199,999.00

**Investigator(s):** Christopher Neill cneill@mbi.edu (Principal Investigator)  
 Jerry Melillo (Co-Principal Investigator)  
 John Mustard (Co-Principal Investigator)  
 Leah VanWey (Co-Principal Investigator)  
 Sriniketh Nagavarapu (Co-Principal Investigator)

**Sponsor:** Brown University  
 BOX 1929  
 Providence, RI 02912-1929 (401)863-2777

**NSF Program(s):** PIRE, EXP PROG TO STIM COMP RES, ECOSYSTEM STUDIES

**Program Reference Code(s):** 5991, 7338, 7566, 9150, 9169

**Program Element Code(s):** 7742, 9150, 1181

**ABSTRACT**

One of humanity's greatest contemporary challenges is producing enough food to sustain human populations in developing regions while preserving naturally-functioning habitats that provide key ecosystem services such as clean drinking water, biodiversity, carbon storage, and climate moderation. This PIRE project leverages substantial existing investments in Africa by the Millennium Villages Project (MVP) to mount an international and interdisciplinary study of this great challenge. One of the goals of the MVP is to increase food security by providing local populations in 14 Millennium Villages (MVs) with agricultural interventions such as mineral fertilizers and high-yield seeds. This PIRE project builds upon the MVP's rigorous ongoing evaluation of responses to this agricultural intensification and adds a new dimension of analysis by examining the impacts of the agricultural intensification on land use decisions, human well-being, and ecosystem services at the local and landscape levels.

This project focuses on two MVs, in Sauri, Kenya and Mbola, Tanzania. It also incorporates the wealth of data, including survey and field measurements and analyses of remotely sensed imagery, from all 14 MVs across Africa. There are three main experimental components of this project. First, the PIRE team will examine how agricultural intensification acts within communities using indicators such as land-use change, human well-being, ecosystem function, and biodiversity. Second, they will analyze the larger MVP dataset to examine how population

Abstract of the NSF grant

End date of NSF grant

Name and e-mail of the NSF PI

