



Term: Fall | Issue 3 | Date: November 1, 2018

Researchers hike 6 days to their field site in Nepal

RESEARCH FUNDING

[Japan Foundation Center Grant](#)

The grant program supports U.S.-Japan collaborative projects with tangible outcomes, and effective dissemination plans that have broad policy impact.

Deadline: December 3, 2018

[NSF AccelNet International](#)

Solicitation is designed to link U.S. research networks with foreign research networks to coordinate interdisciplinary approaches to large scale research challenges.

LOI Due: December 21, 2018

[International Scientific Drilling](#)

Coordinates and supports multinational endeavors in continental scientific drilling.

Deadline: January 15, 2019

[UC MEXUS-CONACYT](#)

Seed funding to teams of UC and Mexican researchers with beginning projects in basic and applied collaborative research, instructional development, and education projects.

Deadline: February 25, 2019

From previous newsletters:

[Australian Endeavour Fellowship](#)

Deadline: November 15, 2018

[NSF NFR South Africa](#)

Deadline: November 30, 2018

[UNAM Energy Fellow](#)

Deadline: Ongoing

[North Pacific Research Board](#)

Deadline: Ongoing (apply ASAP)

EVENTS

Research Opportunities in Europe

The EU's [Horizon 2020](#) is the world's largest multinational R&I program.

[Marie Skłodowska-Curie Actions](#) and [European Research Council](#) grants are open to researchers from public and private organizations, who would like to spend time in Europe, regardless of their nationalities, careers stage, or field of research.

Experts will present these opportunities and guide the audience through the options and practicalities of application.

When: Thursday, Nov 8th (9-11:30)

Where: Great Hall- International

Register [here](#).

OPPORTUNITIES

[Blue Tech Challenge: Caribbean](#)

The Inter-American Development Bank is looking for business models that apply new technologies or solutions to foster the long-term sustainability of the ocean economy to be developed in the following 14 target countries: Bahamas, Barbados, Belize, Guyana, Haiti, Jamaica, Suriname, Trinidad and Tobago, Antigua and Barbuda, Dominica, Grenada, St. Lucia, St. Kitts and Nevis, and St. Vincent and the Grenadines.

Deadline:
Nov. 30, 2018



JOBS & POSTDOCS

[Physical Oceanography Postdoc UK](#)

National Oceanography Centre
Deadline: November 11, 2018

[Carbon Cycling Arctic Benthos Postdoc](#)

Nord University Bodø, Norway
Deadline: November 12, 2018

[Executive Director of the Indo- U.S. Science and Technology Forum](#)

Masters or PhD; Indian or U.S. citizen
Deadline: November 30th, 2018

[Smithsonian MarineGEO Postdoc](#)

Panama, Belize, U.S.
Deadline: December 15, 2018

[UC MEXUS-CONACYT Postdoc](#)

Any UC or Mexican Institution
Deadline: February 25, 2019

[Earth Sciences Post Doc](#)

National Institute of Scientific Research
Quebec, Canada
Deadline: rolling

STUDENT FUNDING

[Schlanger Ocean Drilling Fellowship](#)

Merit-based awards for outstanding graduate students to conduct research related to ocean drilling.
Deadline: December 7, 2018

[Chateaubriand Fellowship](#)

Supports outstanding Ph.D. students from American universities who wish to conduct research in France for 4-9 months.
Deadline: January 8, 2019

[UC MEXUS-CONACTY Fellowship](#)

Provides up to 5 years of funding for Mexican students doing their doctoral studies at any one of the ten UC campuses. Must be accepted before applying. Apply through CONACYT.
Deadline: January 25, 2019

[Josephine de Karman Fellowship](#)

Open to PhD students in any discipline, including international students, who are currently enrolled in a university in the U.S.
Deadline: January 31, 2019

[SEG Scholarship](#)

Support for the study of geophysics and related geosciences.
Deadline: March 1, 2019

From previous newsletters:

[National THSOA Scholarships](#)

Deadline: November 15, 2019

[AAUW Fellowship](#)

Deadline: November 15, 2018

[Australia Endeavor Fellowship](#)

Deadline: November 15, 2018

[PEO International Scholarship](#)

Deadline: December 15, 2018

[Link Fellowship](#)

Deadline: March 14, 2019



INTERNATIONAL RESEARCH SPOTLIGHT



[Dr. Jade d'Alpoim Guedes](#) is an environmental archaeologist and a joint appointment faculty member with Scripps and UCSD's Anthropology Department. She uses a combination of archaeological data, climate models, and chemical analysis to understand how the changing climate has historically impacted agricultural practices in Tibetan regions in the People's Republic of China. Jade has also worked on material from Pakistan and from Thailand, where she collaborates with Silpakorn University.

She began working in the region 15 years ago with a current focus on the [Jiuzhaigou National Park](#). Burning food waste is common practice in the region, and the carbonized plant seeds left behind reflect a change in diet over time. Jade extracts these seeds from soil samples using a technique called flotation. Her analysis shows a drastic transition in agricultural practices- a stark shift from millet to cold-tolerant barley, caused by a dramatic climate event around 4,000 years ago. As the region warms again, agriculture will not be the only livelihood affected. Pastoralists are already noticing a change in the vegetation as their animals go to higher and higher elevations to find the proper food.

In addition to her work in China, Jade also works in the Annapurna Conservation Area of Nepal- a place so remote she must hike for 6 days to reach her field site, climbing to over 4,000 meters above sea level. Here her team studies the growth rings of long-lived Juniper trees to determine the impacts of climate over time.

Jade's postdoctoral student, Alexia Decaix, examines the evolution of plant husbandry practices in Southwest Asia, in the Southern Caucasus region. Her graduate student, Fabian Toro, analyzes plant remains and residue on pottery from other parts of Northwest and Southwest China. The work done by Jade, Alexia, Fabian, and their international collaborators, is vitally important to our understanding of how climate extremes impact the relationship between humans and the environment in this extreme region of the world.



ANNOUNCEMENTS

Header & Research Spotlight
photos by Jade d'Alpoim Guedes



If you are a faculty member, researcher, or student and you would like your international work featured in the next newsletter, email us [here](#).

To subscribe to Scripps Oceanography's International email listserv, click [here](#).