



Term: Winter | Issue: 5 | Date: February 1, 2019

NEWS

Scripps has collaborated with the Center for Scientific Research and Higher Education in Ensenada ([CICESE](#)) for almost 50 years.



Building upon our longstanding research collaborations, we are developing an annual, joint seminar series to build further connections for both faculty and students. Our first one-day symposium will be held on May 3, 2019 in Ensenada. Morning and afternoon sessions will feature speakers from Scripps and CICESE, and will be followed by a networking reception.

Calls for faculty and student speakers will be announced later in the month. For additional information or questions, email scrippsinternational@ucsd.edu

OPPORTUNITIES

[Call for Participation: PacificArray OBS Recovery Cruise](#)

Apply-to-sail for the RV Kilo Moana ocean-bottom seismograph (OBS) recovery cruise, part of the international PacificArray initiative to install OBS arrays across the Pacific plate. The cruise will recover 30 broadband OBS deployed in spring 2018 the Marquesas

EVENTS

[Oceanology International Americas \(OiA\)](#)

OiA will be held at the San Diego Convention Center on February 25-27, 2019. OiA is the world's leading marine science and ocean technology exhibition and conference. Scripps will be represented at the following events:

Monday, Feb. 25th

- Marine Institutes Pavilion (free)
- Technical Talks (Automation and AI)
- Ocean Social Happy Hour 4-5pm (free)

Tuesday, Feb. 26th

- Marine Institutes Pavilion (free)
- Catch the Next Wave

Wednesday, Feb. 27th

- Marine Institutes Pavilion (free)
- Student Career Exploration (free)

To register for the free events, click [here](#).
Learn more about OiA below.



[Fulbright Happy Hour & Info Session](#)

Are you interested in applying for a Fulbright Scholarship? Join the Graduate Division and the Office of Global Education for a Fulbright Happy Hour on Thursday, February 21st. Meet past student and professor grantees

Islands region of the central Pacific, notable for unexplained gravity lineations that hint at small-scale sub-lithospheric convection.

Application Deadline: Feb 11, 2019

Cruise dates: May 6 – June 7, 2019

For additional details & application, click [here](#).

[Call for Participation - High-Res Patagonia Lacustrine Seismic Cruise](#)

Participate in the Argentinian Patagonia lacustrine cruise, part of the multidisciplinary GUANACO Project that will acquire ~500 km of high-resolution seismic reflection data in the proglacial region of Lago Argentino, located in the Parque Nacional Los Glaciares, Argentina.

The data collected during the cruise will image the glacial history of the region, and provide key observational constraints on glacier fluctuations, bedrock erosion and sediment transport.

Application Deadline: Feb 15, 2019

Cruise dates: May 1-31, 2019

For additional details & application, click [here](#).

and other prospective applicants. Graduate fellowship advisors will be there to answer any questions and offer additional information.

Thursday, February 21, 2019 | 5:30 - 7:00 PM

The Ida & Cecil Green Faculty Club Lounge Patio

For questions or to RSVP email Kelly Swiech:

RSVP

VISITS

On February 28th, a delegation of 30 Canadian researchers, businesses, and government officials will be visiting Scripps to learn about our research and programs. Industry representatives include the fields of acoustics, telemetry, robotics, imaging, data and sensors, aquaculture, and more.

If you are interested in meeting with the delegation, email kswiech@ucsd.edu



FUNDING OPPORTUNITIES

RESEARCH FUNDING

[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

[NSF Dimensions of Biodiversity](#)

Campaign focuses on the intersection of genetic, phylogenetic, and functional dimensions of biodiversity. Projects must be supported by international partnerships with the National Natural Science Foundation of China, the São Paulo Research Foundation, and the NRF of South Africa.

Deadline: February 28, 2019

[Thomas Jefferson Fund](#)

The TJF supports cooperation among the most promising young French and American researchers, and foster forward-looking collaborative research that addresses the most pressing global challenges.

Deadline: March 5, 2019

[The International Ocean Discovery Program](#)

IODP facilitates international and interdisciplinary research using the ocean drilling, coring, and downhole measurement facilities JOIDES Resolution(JR), Chikyu, and Mission Specific Platforms (MSP). All three IODP facilities are now encouraging new proposals.

STUDENT FUNDING

[North Pacific Research Board](#)

NPRB offers a competitive Graduate Student Research Award in the amount of \$25,000 to qualified Master's and Doctoral level students. Awards are granted to address scientific, technological, and socioeconomic issues relating to the research themes identified in the [2018 NPRB Science Plan](#). Int'l students eligible to apply.

Deadline: February 8, 2019

[SEG Scholarship](#)

Support for the study of geophysics and related geosciences.

Deadline: March 1, 2019

[Link Fellowship](#)

Supports students working towards a PhD in ocean engineering and ocean instrumentation research.

Deadline: March 14, 2019

[American-Australian Education Fund](#)

Provides up to \$40,000 to support Australian students pursuing graduate level study or post-doctoral research in the US. Supports fields of biophotonics, engineering, environmental and marine sciences, mathematics, medicine, sciences, sustainability and technology.

Deadline: March 18, 2019

[United Nations Momentum for Change*](#)

Deadline: April 7, 2019

United Nations Momentum for Change*

Call for projects, initiatives, programs or other activities that address climate change mitigation or adaptation while focusing on one of the four areas: Women Addressing Climate Change, Financing for Climate Friendly Investment, Planetary Health, or Climate Neutral Now.

Deadline: April 30, 2019

*No research funding. Award is for travel to COP, networking & professional development

UNAM Energy Fellow

Opportunity for UC researchers to broaden and strengthen their research in the areas of energy & engage in collaborations with UNAM researchers.
Deadline: Ongoing

North Pacific Research Board

Funds cooperative research efforts designed to address fishery management or marine ecosystem needs.
Deadline: Ongoing (apply ASAP)

Call for projects, initiatives, programs or other activities that address climate change mitigation or adaptation while focusing on one of the four areas: Women Addressing Climate Change, Financing for Climate Friendly Investment, Planetary Health, or Climate Neutral Now.

Deadline: April 30, 2019

*No research funding providing. Award is for travel to COP, networking and professional development



Oceanology International 2018, London, England.
Student networking session. Photo: Maritime Journal

GLOBAL ENGAGEMENT SPOTLIGHT

This year marks the 50th anniversary of one of the world's leading marine science and technology conferences, Oceanology International. The conference will be hosted at the San Diego Convention Center from February 25-27, 2019, and is attended by scientists, technologists, engineers, government agencies and industry representatives across the ocean community. Scripps will be hosting an international Marine Institutes Pavilion with:

- National Oceanography Centre, UK
- The Ocean Frontier Institute, Canada
- Institute of Oceanography, Chinese Academy of Sciences, China
- Center for Scientific Research and Higher Education in Ensenada, Mexico
- The Geochemical and Environmental Research Group, Texas A&M University
- Florida Institute of Oceanography, University of South Florida
- Skidaway Institute of Oceanography, University of Georgia
- The University of Southern Mississippi
- Hubbs-Seaworld Research Institute
- Coastal Data Information Program



Dr. Walter Munk at OIA 2017
Photo: Scripps Communications

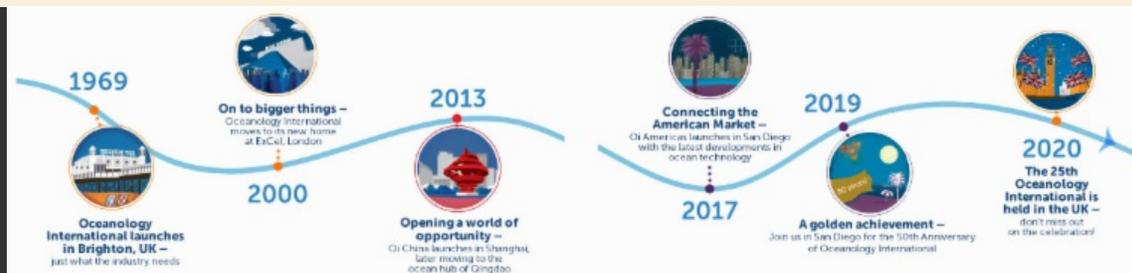


This international forum focuses on finding strategies to advance our understanding and protection of the world's oceans through the intersection of scientific research and technological advancements. The Marine Institutes Pavilion will allow top research institutions to showcase their work, share their knowledge with the ocean tech community, and build relationships with one another and important marine related businesses. The Pavilion will host "Lightning Talks" throughout the conference, which will highlight each institution's research achievements and current projects.

Additionally, Scripps researchers **Dr. Jules Jaffe** and **Dr. Eric Orenstein** will be presenting in the technical session

"Automation and AI" discussing visualizing oceanic microcosms and out-of-the-box machine learning tools, respectively. "Catch the Next Wave" is an all day event that examines the role technology plays in exploring environments on the seafloor, throughout the oceans, and in space. Distinguished researcher **Dr. Walter Munk** is providing the opening keynote for the session, while Scripps Director **Dr. Margaret Leinen** will give the closing keynote speech. In addition, Scripps professor **Dr. Doug Bartlett** will discuss his research on the biology of the seafloor. They are joined by speakers from the University of Hawaii, Monterey Bay Aquarium Research Institute, the Executive Director of XPRIZE, and others. To see the full conference program, click [here](#).

The Marine Institutes Pavilion Lightening Talks, Ocean Social Happy Hour, and student Career Exploration programs are all free to attend, but [registration](#) is required. Scripps faculty, staff, and students can purchase registration to attend the rest of the conference [here](#).



INTERNATIONAL JOBS | POSTDOCS

[EMBO Long-Term Fellowships](#)

EMBO funds basic research in the molecular life sciences. The Fellowships support post-doctoral research visits to laboratories throughout Europe and the world. International exchange is a key feature in the application process.

Deadline: February 8, 2019

[Geochemistry and Habitability of Ancient Waters | Postdoctoral Fellowship](#)

University of Toronto, Canada

Working with an international team of geochemists and microbiologists, the postdoctoral fellowship research will focus on understanding the distribution and residence times of ancient water in deep fractures; the relationship of fracture fluid geochemistry to the host rock and mineralizing fluids; and the water-rock reactions controlling the geochemistry and isotopic signatures of the waters.

Deadline: February 15, 2019

[Wares Fellowship for Earth and Planetary Sciences | Postdoctoral Fellowship](#)

McGill University, Canada

These distinguished fellowships provide opportunities for outstanding early career Earth Scientists to work on research projects within the broad range of disciplines covered by researchers in the Department. Fellows will work on cutting-edge research projects in collaboration with one or more faculty members

Deadline: February 15, 2019

[UC MEXUS-CONACYT Postdoctoral Fellowship](#)

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

Photos courtesy of Reed Exhibitions, Oceanography International, and Scripps Communications.



[UC San Diego](#)

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

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