



University-National Oceanographic Laboratory System

~UNOLS~

UNOLS Outreach and Early Career Investigator Initiatives

June 1, 2017





UNOLS & STEM-SEAS

- **Leadership Team**

- Sharon Cooper/LDEO
- Jon Lewis/Indiana University of Pennsylvania

- **2016 Successes**

- STEM-SEAS Program- (3) expeditions in 2016 on *Oceanus* in May, *Endeavor* in July, and *Sikuliaq* in August.

- **2017 Plans**

- PI has been informed this will be funded again in 2017. (mid summer)
- Plans underway for program on R/V Hugh Sharp- July 25, 2017 to August 1, 2017 from Panama City to Lewes DE. Funded by ONR.
- UNOLS working with PI's and marine superintendents to identify other potential transits.



Cruise Opportunity Webpage and Application

UNOLS
UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

ABOUT SHIPS/FACILITIES SCHEDULES COMMITTEES MEETINGS FORMS & DOCUMENTS OUTREACH & JOBS

UNOLS CRUISE OPPORTUNITY PROGRAM

UNOLS CRUISE OPPORTUNITY PROGRAM

HOME / UNOLS CRUISE OPPORTUNITY PROGRAM



photo by Uriel Zajackovsky, UCSD

FEATURED INFORMATION

The UNOLS Cruise Opportunity Program matches volunteer graduate students with research cruises aboard UNOLS vessels.

Welcome to the UNOLS Cruise Opportunity Program Webpage!

The primary goal of the UNOLS Cruise Opportunity Program is to provide graduate students currently completing a degree in a field of oceanographic research with the opportunity to participate in a research cruise. The participant will be a member of the scientific party and be involved in data collection and all other activities at sea. It is envisioned that the graduate student will be familiar with the science to be conducted at sea, and thus, form new collaborations and potentially develop new research directions. To be eligible to participate in this program, the graduate student must currently be studying at a U.S.-based institution and have either a U.S. Passport or a U.S. Work Visa.

To apply, please review the opportunities listed below and if you would like to apply for one, fill out an application form by the deadline listed.

We are sorry, but there are currently no cruise opportunities at this time, please check back soon!

<https://www.unols.org/unols-cruise-opportunity-program>

UNOLS
UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

ABOUT SHIPS/FACILITIES SCHEDULES COMMITTEES MEETINGS FORMS & DOCUMENTS OUTREACH & JOBS

UNOLS CRUISE OPPORTUNITY PROGRAM

UNOLS CRUISE OPPORTUNITY APPLICATION

HOME / UNOLS CRUISE OPPORTUNITY APPLICATION

The primary goal of the UNOLS Cruise Opportunity Program is to provide graduate students currently completing a degree in a field of oceanographic research with the opportunity to participate in a research cruise. The participant will be a member of the scientific party and be involved in data collection and all other activities at sea. It is envisioned that the graduate student will be familiar with the science to be conducted at sea, and thus, form new collaborations and potentially develop new research directions. To be eligible to participate in this program, the graduate student must currently be studying at a U.S.-based institution and have either a U.S. Passport or a U.S. Work Visa.

To apply for the UNOLS Cruise Opportunity Program, please follow the instructions below. It is important that you refer to the UNOLS Cruise Opportunity Page before applying to determine which (if any) of the cruises are aligned with your field of study. At this time we cannot cover the cost of traveling to and from the ship, but there will be no other costs associated with participating on the cruise.

- Complete and submit the following **application form**.
- Submit a .pdf of your **Curriculum Vitae** with this application form. An applicant's C.V. should include educational history (degrees and dates awarded), employment experience (including any internships), and any authored or co-authored journal articles, abstracts, or other publications related to the research objectives of the cruise.
- Submit a .pdf copy of a **Faculty Advisor Recommendation**. Applicants must include a letter from their primary advisor. The letter should document the student's scientific experience and detail how participation on the cruise would fit into their graduate degree program.

Applicant Name *

Current Position *

e.g. (graduate student)

Institution *

Department *

Address Line 1 *

Address Line 2 *

City *

<https://www.unols.org/form/unols-cruise-opportunity-application>



Cruise Opportunity: Status

- **2016**
 - Cruise Opportunities Posted = **1**
 - Number of Applicants: **1**
 - Number of people who signed up to receive Cruise Opportunity notifications via email: **220**
- **Potential Issues:**
 - No travel funding provided
 - Marketing
 - Available Cruises



Cruise Opportunity: Status

2017

- Cruise opportunity posted = 1
- Number of people who signed up to receive Cruise Opportunity notifications via email: **341**

Cruise Title	The transition from rifting to seafloor spreading at the western tip of the Cocos-Nazca Rift
Cruise Dates	May 1 – 30, 2018 (estimate)
Ship Name	R/V Revelle
Chief Scientist	Emily Klein, Duke & Hans Schouten, WHOI
Start Port/End Port	Manzanillo, Mexico to San Diego, USA (subject to change)
Cruise Description	Geophysical mapping and sampling of the western end of the Cocos-Nazca spreading center in the eastern Pacific Ocean. We will collect multibeam bathymetry, magnetic, and gravity data, and perform ~60 rock dredges.
No. Bunks Available	2-5
Application Deadline	December 1, 2017



Chief Scientist Training Workshops

2011 through 2015 - 11 cruises on seven different vessels:

- *Wecoma, New Horizon, Endeavor, Atlantic Explorer, Blue Heron, Point Sur, Hugh Sharp*

2016 – 7 cruises:

- *R/V Thomas G. Thompson* - February 11-20,
- *R/V Atlantis* with *Alvin, Sentry*, and *Telepresence* – July 26-Aug 8
- *R/V Blue Heron* - Doug Ricketts/UMN (Summer) – 4 cruises, June 12 – July 2
- *R/V Sikuliaq* Transit Cruise – December 2-17, 2016





Future Chief Scientist Training Workshops/Initiatives: 2017 Plans

- **R/V *Revelle*** - Early Career Seismic Chief Scientist Training Cruise
 - PIs: Masako Tominaga (TAMU), Anne Trehu and Mitch Lyle (OSU), and Greg Mountain (Rutgers)
 - Information Webinars:
 - Monday 4/10: *"How to develop science hypotheses and address them with marine seismics"*
 - Tuesday 4/11: *"How to develop marine seismic proposals"*
 - Wednesday 4/12: *"How to develop a marine seismic acquisition plan"*
 - Cruise Dates: September 26 – October 2, 2017
 - <https://www.unols.org/news/early-career-updates/now-accepting-applications-2017-marine-seismic-chief-scientist-workshop>
- **R/V *Blue Heron*** - Doug Ricketts/UMN
 - Great Lakes Chief Scientist Training Cruises.
 - The program will occur from June 8 – 11
- **Continue DeSSC New User Program – December 2017**





Chief Scientist Training Workshops Statistics

Tracking the Participants:

- 170 Participants in CSTW over 6 years (2011 – 2016)
- 54 Participants submitted a total of 316 STRS Requests (*147 as PI, 169 as Co-PI*)
- 59 Requests funded = 19% (15 to PIs and 44 to CoPIs)

