

Florida Institute of Oceanography
Request for Subsidized Ship/Lab Time Proposals
Fiscal Year 20/21

Date of Issue: March 06, 2020

The Florida Institute of Oceanography (FIO) invites proposals from interested individuals of FIO's Full Member Institutions for subsidized shiptime aboard the R/V Hogarth, the R/V Weatherbird, or laboratory time at the Keys Marine Lab (KML) for July 1, 2020 – June 20, 2021. Due to financial constraints, there will likely be fewer subsidized cruises/KML stays funded in the coming year. Please note that there are three categories of FIO subsidized ship/lab time proposals this year:

1. **Subsidized shiptime/laboratory time.** This year, FIO will focus on providing educational opportunities/experiences for State University System (SUS) undergraduate and graduate students with subsidized time on the R/V Hogarth, Keys Marine Lab, and the R/V Weatherbird. Hybrid proposals to carry out research in an educational context are encouraged but proposals that focus primarily on research will not receive high priority. A 10% match is required for ship time and a 20% match required for KML time. The daily rate for R/V Weatherbird is \$11,000 so the match would be \$1100 per day. The daily rate for the R/V Hogarth is \$7500 so the match would be \$750 per day. KML rates will be calculated on lab rates for requested services/fees. Please refer to the [FIO website](#) for current KML services/fees. Proposals requesting the R/V Weatherbird must include strong operational justification for why the larger vessel is needed. Funded proposals will be subject to all incidental costs related to cruise(s) including but not limited to, port fees, agent and clearance charges (for foreign ports, etc.). These proposals are due no later than close of business April 17, 2020. Proposals should be in PDF format and emailed to [Cam Ngo](#). Please see Appendix A (Subsidized Shiptime Proposal Guidelines) for additional information.
2. **Sample Cruises/KML experiences.** SUS faculty who have not previously utilized FIO services may apply for sample cruises and/or KML experiences as an introduction to FIO facilities. These will be 2-3 day experiences designed to provide faculty the knowledge and skill sets needed to plan and facilitate research cruises on FIO vessels or to utilize the Keys Marine Lab which will enhance research/teaching programs. The first sample cruise is scheduled for June 9-11, 2020. There will be a KML sample weekend experience in October 2020 (dates TBD). Additional sample cruise dates and KML time will be arranged depending on the number of requests. The attached fillable form (Sample Cruise-KML-2020.pdf) should be emailed to [Cam Ngo](#) by close of business April 17, 2020.
3. **New field courses.** FIO is soliciting proposals for courses that will take place solely on board an FIO vessel or at KML. The institute expects to fund one shipboard course and one laboratory-based field course, respectively. These undergraduate and/or graduate field courses should (1) utilize the unique resources and capabilities of FIO's infrastructure, (2) have a high impact on

students, and (3) target students across the SUS who have the potential to become future leaders and stewards of Florida's coastal and ocean ecosystems. Successful courses may continue in upcoming years and new course proposals will be solicited, as well. Examples of shipboard courses include coastal underwater mapping or offshore studies related to ocean warming and acidification. Keys Marine Lab courses will take advantage of the unique location and facilities of the laboratory on Long Key. An example would be a course in coral ecology- focusing on coral reef restoration. Approved proposals would provide up to \$2,000 in seed money in fiscal year 2020-21 for courses that would occur in the 2021-22 fiscal year. Up to \$20,000 (and 7-10 ship days or 7-14 days at KML) will be provided to the successful applicants. Note that the shipboard course can cover no more than 10-13 people (including instructors) and KML-based courses have to be limited to 18 students (including instructors). Those interested in submitting course proposals should furnish FIO with a letter of intent (3 page limit) by close of business April 17, 2020. Please email your letter of intent to [Cam Ngo](#).

The Letter of Intent (LOI) should be in PDF format and include the following:

- a. Name, Title, SUS number (e.g. BSC 4313), # credits, and brief description of the course along with expected learning outcomes.
- b. Explain specifically why the course needs to be taught either on a vessel or at KML.
- c. Explain how you will solicit students from across the SUS.
- d. Describe the expected impact to the students and how it will encourage future leadership in their careers.
- e. Explain your ideas about how the course will be implemented (existing course, new course, special topics course), logistics, how necessary additional funds will be raised, and any additional information you think will help FIO evaluate your letter of intent (not to exceed 3 pages).

Review Process:

All Letters of Intent will be evaluated by an FIO committee and will follow the above criteria when assessing the letters of intent. Full Proposals are by invitation only. Invitations to submit a Full Proposal will be sent to the applicant by May 2020 with additional guidelines and requirements.

Appendix A:

SUBSIDIZED/KML LAB SHIPTIME PROPOSAL GUIDELINES

The format for subsidized FIO shiptime/KML Lab proposals must include:

- I. Summary Page
- II. Title Page
- III. Results from prior cruises or KML stays (if previously awarded)
- IV. Introduction: background information for the proposed project, geographic area to be worked, and teaching requirements including course # along with scientific justification
- V. Methods (type of sampling, gear, sampling strategy, boat & scuba use etc. Be aware of permit requirements)
- VI. Permit Status and Verification
- VII. Tentative Cruise/Lab Plan (to be updated online)
- VIII. Curriculum Vitae of principal investigator(s)

Each proposal must have a title page that includes an identification of the teaching (indicate course number) or educational research activities, the number of days requested (including transit days), the preferred dates of the cruise/KML stay, the signature of the PI submitting the proposal, a single contact point for all communications regarding the award and shiptime/KML lab time, and the signature of the appropriate university administrator who is authorized to commit your time and the university's equipment for the proposed cruise. A joint proposal may be submitted by two faculty, teaching multiple classes, from a single institution or jointly by two faculty from different institutions. The title page should include the signature of the PI, with co-PI named in the proposal objectives.

The FIO has established a policy requiring certification with each proposal that the FIO will not be providing state-funded shiptime for federal, state or private granting agencies. It is not the intention to penalize funded researchers, but limited state allocated ship days cannot be used to accommodate grant-funded programs requiring shiptime. Therefore, each proposal must include a statement signed by the principal investigator certifying that the shiptime being requested will not be used for a funded grant/contract. Failure to include such a statement, as shown on the sample title page (found on FIO's website), will result in rejection.

The results of prior cruises/KML lab time should include, where appropriate, the university course number, number of students, outcomes such as theses, dissertations or publications, and any grants or other funding resulting from seed data collection aboard the FIO vessels.

A tentative cruise/KML lab use plan is essential to each proposal. The [FIO website](#) contains a list of FIO equipment available on the vessels and at KML. Plan your cruise using the newly created [Cruise Plan Portal](#). You should contact [Lisa Tipsword](#) about potential scheduling at KML. Ship and KML specifications are available on the [FIO website](#). This information should be used to design a program within the capabilities of the vessel/lab. It is important to demonstrate realistic expectations of the ship and KML facilities and available equipment including ship cruising speed, science/education party capacity, gear capabilities, and permitting restrictions. A final cruise/KML use plan must be completed and submitted at least 30 days weeks prior to sailing date for domestic cruises and 60 days prior to sailing for international

cruises. It is important that you read and understand the [FIO Members Charter Terms and Conditions available](#) online.

If you have any questions concerning the development or design of a cruise plan, please contact [Rob Walker](#).

KEYS MARINE LABORATORY PROPOSAL EVALUATION GUIDE:

Ship or Keys Marine Laboratory proposals will be evaluated using the following criteria:

1. **Length of Cruise or Stay.** Shorter educational cruises or KML stays will be favored. Where is the vessel going? How many nautical miles will be travelled?
2. **Educational Impact and value.** What positive impacts will this cruise/stay have on the students? Is it part of a regularly scheduled course? How many students are expected? How will you select the students?
3. **Scientific context and value of the Cruise or Stay.** Is the science valid and well thought out? Will it lead to grant proposals or publications?
4. **Scientific Facilities needed.** Do the scientific and or training goals require specific ship or KML lab facilities?
5. **Organizers.** Are any of the organizers of the cruise/stay new to FIO?

For questions regarding a KML lab use plan, please contact [Cindy Lewis](#)

Instructions for a letter of appeal:

- I. Applicants may appeal the denial of a funding request within 5 days of the official letter of rejection. Provide justification and any supporting reasons why the proposal should be re-considered.
- II. Appeal request(s) should be addressed to the Chair of the FIO Advisory Council, who may accept or deny the appeal. Email request to [Cam Ngo](#).
- III. If the appeal is accepted, the Chair will appoint three members of the FIO Council to determine if the appeal has merit. If a finding of “merit” is found, the Chair in consultation with the Director.
- IV. FIO Director will provide final determination of the request.



Sample Cruise/KML lab experience Application

Date _____

Name _____

Institution _____

Department _____

Contact Information, Purpose for attending June Sample Cruise or October KML experience

Cell Phone _____

Email Address _____

June 9-11 sample cruise _____

October KML experience _____

I would be interested in a sample cruise at a later date _____

I would be interested in attending a KML lab experience at a later date _____

Do you plan on bringing a student?

Yes

No

Maybe

Which areas of focus on the Sample Cruise interest you the most? (circle all that apply) ----->

What areas/methods of focus at KML interest you the most (circle all that apply)?

- Invertebrate Zoology
- Marine Ecology
- Coastal Geology
- Coral Ecology/Restoration
- Fish/Shark/Turtle Research
- Salt Water System
- SCUBA based research
- Small boat based research

- **Water Quality** (HAB, Hydrocarbon analysis)
- **Fisheries** – Acoustic assessment, plankton tows, trawling
- **Geophysical** – Coring, sediment sampling, High resolution mapping
- **Physical Oceanography** – Current profilers (ADCP)
- **SCUBA Support** – Archeology, benthic habitat monitoring
- **Ocean Engineering** - Instrument and vehicle development



What do you want to learn on a cruise/KML lab experience?