**FACULTY FUNDING OPPORTUNITIES:** 02/16/2018

**IN THE SPOTLIGHT:**

**ORAU-Directed Research and Development Program: Phase 2 Deadline March 26, 2018**

ODRD projects are joint collaborations consisting of innovative research-based approaches/solutions that fall within the intersection of ORAU’s core capabilities and member universities research interests.

Universities may propose ODRD Concepts for potential collaboration with an ORAU subject matter expert (SME). Research concepts need to be submitted by the CWM program councilor as early as possible to provide sufficient time to develop the joint proposals.

[https://www.orau.org/university-partnerships/members-only/odrd/submission-review-process.aspx](https://www.orau.org/university-partnerships/members-only/odrd/submission-review-process.aspx)

If you are interested in applying, please contact [wosp@wm.edu](mailto:wosp@wm.edu).

*Please distribute to students who may be interested:* Cross-Disciplinary Problem-Solving & Research, Virginia Sea Grant (VASG)/VIMS/UVA, deadline: 3/30/18; please see attached.

**W&M INTERNAL PROGRAMS:**

**W&M Green Fee Fund,** Office of Sustainability, deadline: Spring 2018, February 27; [http://www.wm.edu/sites/sustainability/committeeonsustainability/greenfee/index.php](http://www.wm.edu/sites/sustainability/committeeonsustainability/greenfee/index.php): The Green Fee is intended solely for purposes that advance W&M's interests in sustainability relating to its general operations and the university's tri-partite missions of teaching, research and public service. Proposals are accepted from all students, faculty and staff.

**Green to Gold Fund,** Office of Sustainability, deadlines: pre-proposals 2/27; proposals 3/21; [http://www.wm.edu/sites/sustainability/office_of_sustainability/green_to_gold_fund/submit_a_proposal/index.php](http://www.wm.edu/sites/sustainability/office_of_sustainability/green_to_gold_fund/submit_a_proposal/index.php): The Green to Gold Fund (GGF) is a green revolving fund established in 2016 to reduce William and Mary's impact on the environment and to improve efficiency in ways that create measurable returns on investment. Additionally, the GGF will provide educational opportunities for students and demonstrate W&M's commitment to sustainability.

**Community of Scholars Fund,** no deadline; [http://www.wm.edu/as/charlescenter/scholars/communityfund/index.php](http://www.wm.edu/as/charlescenter/scholars/communityfund/index.php): Mini-grants from the Community of Scholars Fund are available to faculty, staff, and students to encourage intellectual interaction between faculty and students outside the classroom. Possible uses for this funding include book or film discussion groups; or trips to lectures, museums, performances, laboratories, or field sites, including associated travel and/or meal expenses.
Distinguished Lectures in International Studies, rolling deadline, [http://www.wm.edu/offices/revescenter/funding/facultyfunding/lectures/index.php](http://www.wm.edu/offices/revescenter/funding/facultyfunding/lectures/index.php):
The Reves Center for International Studies is pleased to help support internationally-focused public lectures and performances. Funding is available to William & Mary faculty who wish to host distinguished scholars, artists, and practitioners whose public events and visits will contribute to international education at the university.

Grants for On-Campus Conferences on International Topics, rolling deadline; [http://www.wm.edu/offices/revescenter/funding/facultyfunding/oncampus/index.php](http://www.wm.edu/offices/revescenter/funding/facultyfunding/oncampus/index.php):
Funding is available to support William & Mary faculty who are hosting on-campus professional conferences that will contribute to international education at the College. Proposals making use of the university's Washington, D.C. Office are also welcome.

COLL Innovation Grants for Faculty: Open Proposals, deadline: new proposals accepted after 7/1/17; [http://www.wm.edu/as/center-liberal-arts/coll-innovation-grants/index.php](http://www.wm.edu/as/center-liberal-arts/coll-innovation-grants/index.php):
The Center For Liberal Arts is pleased to solicit proposals from faculty seeking financial support to pursue on or off-campus activity relevant to the COLL curriculum. For the academic year 2017-18, the CLA will prioritize innovation grants that enhance on-campus COLL 300 courses and COLL 400 courses.

**ARTS & HUMANITIES:**


2018-19 Resident Fellowships, Buffalo Bill Center of the West, deadline: 4/14/18; [https://centerofthewest.org/research/fellowship-program/](https://centerofthewest.org/research/fellowship-program/).


Archie K. Davis Fellowships to promote research and publication in North Carolina’s history and culture, The North Caroliniana Society, deadline: March 1; [http://www.ncsociety.org/fellowships.html](http://www.ncsociety.org/fellowships.html).

**NEH Summer Institutes:**
University of Massachusetts-Amherst, deadline: 3/1/18; [https://cultureinthecoldwar.com/abouttheinstitute/](https://cultureinthecoldwar.com/abouttheinstitute/): Theme: Culture in the Cold War: East German Art, Music and Film.
City University of New York, deadline: 3/1/18; [https://ashp.cuny.edu/nehinstitute/](https://ashp.cuny.edu/nehinstitute/): Theme: The Visual Culture of the American Civil War and Its Aftermath.

**SOCIAL SCIENCES:**


**SCIENCE & RESEARCH/FEDERAL:**


*only two institutional applications are allowable; if you are interested in applying, please notify wosp@wm.edu – an internal competition may be required.*

FY 2018 Research Opportunities in Accelerator Stewardship, DOE, deadlines: pre-application, 3/13/18; application, 4/26/18; https://www.fedconnect.net/FedConnect/default.aspx?ReturnUrl=/fedconnect%3Fdoc%3DDE-FOA-0001879%26agency%3DDE&doc=DE-FOA-0001879&agency=DOE.


Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33), NIH, standard deadlines: April 8, August 8, December 8; https://grants.nih.gov/grants/guide/pa-files/PA-16-310.html.


Intelligence Community (IC) Postdoctoral Research Fellowship Program, Oak Ridge Institute for Science and Education (ORISE)/ORAU, deadline: 3/12/18; https://www.orau.org/icpostdoc/current-opportunities.html.


Research Options for Space Enterprise Technologies (ROSET), Air Force Research Lab (AFRL), BAA expires 9/28/2022; https://www.fbo.gov/index?s=opportunity&mode=form&id=c1da1e55200d611a33a837ac5f1b39fe&tab=core&_cview=0%20.

Anticipated Funding Opportunities for Fiscal Year 2018 (FY18), Congressionally Directed Medical Research Program, DoD, http://cdmrp.army.mil/.

FOUNDATION:

2019 King Faisal Prize, King Faisal Foundation (KFF), deadline: 4/1/18; http://kingfaisalprize.org/en: Service to Islam; Islamic Studies; Arabic Languages and Literature; Medicine; Science.


**OTHER:**

*only one institutional application accepted per Patagonia’s fiscal year (May 1 – April 30); if you are interested in applying, please contact wosp@wm.edu – an internal competition may be required.*

**John Z. Duling Grant Program**, Tree Fund, deadline: 10/1/18; [https://www.treefund.org/researchgrants/duling](https://www.treefund.org/researchgrants/duling):
*research priorities: root and soil management; tree planting and establishment; plant health care; risk assessment and worker safety; urban and community forest management.*
CROSS-DISCIPLINARY PROBLEM-SOLVING & RESEARCH

A PROFESSIONAL DEVELOPMENT INITIATIVE

Recruiting multiple disciplines – Sciences, Engineering, Arts, Humanities, and related professional fields – to enhance coastal resilience to climate change

Deadline: March 30, 2018

Virginia Sea Grant (VASG), the Virginia Institute of Marine Science (VIMS), and the University of Virginia (UVA) are pleased to announce the availability of a one-year professional development opportunity in the rapidly emerging area of multi-, inter-, and trans-disciplinary team problem-solving and research. These forms of cross-disciplinary inquiry can produce innovative, integrated breakthroughs and solutions that transcend individual disciplines, and are essential to solving today’s grand societal challenges in coastal and marine environments. Challenges such as enhancing coastal resilience to sea level rise, flooding, storms and other climate change impacts is demanding cross-disciplinary solutions that emerge from a deeper level of knowledge integration than society and the academic community typically achieve.
What you will learn:

- How to effectively work on multi-disciplinary teams.
- Latest evidence-based communication and group leadership techniques in these cross-disciplinary problem-solving settings.
- How to employ strategies and tools of adaptive practices that ensure team success.
- How to integrate diverse disciplinary perspectives to address a real world challenge – enhancing site-specific resilience to climate change.

ELIGIBILITY

Applicants must be enrolled in a full-time graduate or professional degree program at an academic institution during the 2018–2019 academic year; priority is given to students enrolled in a Virginia institution of higher education. We anticipate a sufficient number of slots to accept candidates from other states. Students may be working toward a degree in any discipline as long as they are engaged in research, inquiry, problem-solving, creativity, or other scholarship that is coastal- or marine-related and relevant to coastal resilience issues. We strongly encourage members from under-represented minority groups, women, persons with disabilities, and veterans to apply.

BACKGROUND

Funded through a National Science Foundation Innovations in Graduate Education grant, VASG, VIMS, and UVA have partnered with leading “Science of Team Science” researchers and a large faculty team of experienced multi-disciplinary practitioners to design and offer professional development to improve teamwork, integrate different disciplinary perspectives, build trans-disciplinary problem-solving and research teams, and tackle coastal resilience in Virginia.

Training includes:

- Two, all-expenses-paid, 2.5-day workshops (one per semester over a full academic year) hosted on Virginia’s Eastern Shore at the VIMS and UVA facilities;
- Pre- and between-workshop activities, including a team project with other students and individual homework. Topics include Team Science 101, reflective practice and team assessment tools and strategies, and concept mapping to advance knowledge integration; and
- A three-hour webinar three to four months after that final workshop.

Up to thirty (30) graduate students with interests in coastal resilience will be competitively selected for the 2018–2019 academic year. A team composed of a dozen faculty will facilitate and coach the class through seminars, team exercises, self-directed work, and a coastal resilience case study in coordination with a local coastal community partner. We seek a highly diverse class of students representing the full range of academic disciplines and demographics.

WHY DO WE NEED TO COLLABORATE?
Solving today’s grand societal challenges, such as enhancing coastal resilience in the face of climate change, demands research, creative scholarship, policy, communication, and other problem-solving that produces innovative, integrated breakthroughs and solutions that transcend individual disciplines, reaching a deeper level of knowledge integration. Collaborative, cross-disciplinary inquiry and research conducted by more than one discipline, in an interdependent manner is called “team science,” by scholars who are studying the phenomenon. While in “multidisciplinary” inquiry each discipline makes a separate but additive contribution and in “interdisciplinary” inquiry, methods and perspectives from two or more disciplines are more integrated, “transdisciplinary” inquiry and research integrates further to transcend disciplinary boundaries, generates novel frameworks, theories, hypotheses, models and applications.

However, advanced cross-disciplinary outcomes have proven difficult to achieve nation-wide, and across many fields of study. Among the challenges identified by studies from the “Science of Team Science” field include limitations in the key professional and leadership skills surrounding teamwork, team management and relationship competencies. Other studies have shown a lack of understanding or respect among different disciplines, power dynamics and other destructive relations within groups, and professional language differences interfering with understanding. Teams can lack cohesion among unfamiliar participants, lack flexibility, and exhibit uncertainty over goals and roles. A 2015 National Academies of Science’s National Research Council (NRC) consensus report (Enhancing the Effectiveness of Team Science) reviewed the state of the research on team science and produced guidance, applicable to a wide range of research, creative scholarship, policy, communication and other professional fields.

Building on the foundation of the NRC report, with collaborators from the Science of Team Science field, and experienced collaborative researchers, we have developed training to enhance team problem-solving, inquiry and research capabilities for professionals, artists, and scientists working in the coastal and marine context. In particular, maintaining and enhancing coastal resilience to climate change impacts is a complex, challenging problem with multiple feedbacks, high uncertainty, and ambiguous solutions, and demands solutions that cross natural and social sciences, engineering, design, public health, law and policy, and other disciplinary boundaries, and requires highly integrated inquiry, analysis and solutions. The nature and scope of society’s resilience dilemma will push the capacity of all these fields and challenge our next generation of marine researchers and professionals to engage in all levels of cross-disciplinary research and problem-solving.

HOW TO APPLY
Adherence to the format requirements is mandatory, and ensures fairness for all candidates. Do not exceed the page limits; excess pages will not be reviewed. Only the requested materials should be submitted; additional documents (e.g., appendices, letters of support, etc.) will not be reviewed.

Applications must include the following elements:

I. **Statement of Interest** (2-page maximum) describing the student’s research, creative, or scholarly interests and professional aspirations, recounting her/his experience with collaboration among multiple disciplines, and discussing why building collaborative capacities are of interest to the candidate. Please include these topics as headers.

II. **Graduate transcripts** (unofficial copy is sufficient)
III. Resume (2-page maximum)

IV. Two Letters of Reference. Letters should be addressed to Troy Hartley, Director, Virginia Sea Grant, and be submitted separately and directly to eSeaGrant. Referees must submit their letters by the deadline.  
   - One letter from the candidate’s primary advisor or other academic advisor familiar with the candidate and the relevance of team science to the candidate’s current or future work. If the letter is not from the primary advisor, please have the primary advisor send an email message directly to Sam Lake (sjlake@vims.edu) with “Support for [candidate’s name]” in the subject line, confirming the primary advisor’s support for the student’s involvement in this cross-disciplinary problem-solving professional development. Note that the email message is NOT a letter of reference but rather a short statement supporting the student taking the time to participate in the training.
   - Letter of Reference from a different perspective (e.g., supervisor, professional mentor, etc.) who is familiar with the candidate’s interests and skills or potential in teamwork, cross-disciplinary experience, or multi-member team projects.

Application Submission
Proposals must be submitted online via eSeaGrant by 5:00 pm EST on Thursday, March 30, 2018. If you plan to apply, we recommend registering for eSeaGrant at least two weeks in advance of the deadline. All elements, including recommendation letters, must be submitted by the deadline. VASG will not accept late applications under any circumstances (e.g., internet delays), so please allow ample time to submit your applications in advance of the deadline.

Confirmation of the application and recommendation letters will be automatically generated and sent by eSeaGrant. If you do not receive confirmation shortly after submitting your application, please contact Sam Lake, sjlake@vims.edu.

REVIEW AND SELECTION PROCESS
The faculty trainers will review and rate candidates based upon the application materials and the following evaluation criteria:

- Academic performance and potential
- Candidate’s interest in cross-disciplinary problem-solving and research
- Relevance of cross-disciplinary problem-solving, inquiry, or research to the candidate’s career aspirations
- Potential of candidate to participate in or lead collaborative teams
- Diversity of disciplinary perspectives
- Diversity of professional and academic experiences
- Diversity and inclusiveness of the class

TENTATIVE TIMELINE FOR TRAINEESHIP COMPETITION
Professional Development Announcement released January 2018
Applications due to VASG by 5:00 p.m. EST March 30, 2018
Notification of results Late-April 2018
Professional Development begins Summer 2018
Workshop one  Fall semester, 2018  Workshop two  Spring semester, 2019
Traineeship ends  August 2019

ADDITIONAL INFORMATION
Please contact Sam Lake, VASG Fellowship and Research Program Coordinator, for more information.

Samuel J. Lake, Fellowship & Research Program Coordinator
Virginia Sea Grant
Ph. 804-684-7436
Email: sjlake@vims.edu