UMD FUNDING ALERT

Notes

1. Weekly opt-in funding alert provided by the UMD-College Park Division of Research and SSTI. Please feel free to forward this alert to colleagues.
2. If you have been forwarded this email and would like to receive this alert on a weekly basis, please fill out the following form: http://go.umd.edu/fundingalert.

SSTI (May 5)

NSF Regional Innovation Engines

This week NSF's new Directorate for Technology, Innovation and Partnerships (TIP) launched a bold, new initiative - the Regional Innovation Engines. The program harnesses the Nation's science and technology research and development enterprise and regional-level resources to:

- Advance critical technologies
- Address national and societal challenges
- Foster partnerships across industry, academia, government, nonprofits, civil society, and communities of practice
- Promote and stimulate economic growth and job creation
- Spur regional innovation and talent

Anticipated Award Type:

Type-1 Awards

- Purpose: Type-1 awards are development awards intended to enable awardees to lay the groundwork for submitting a successful Type-2

proposal to launch a full-scale NSF Engine. Type-1 awardees will need to re-apply independently for a Type-2 award. However, receiving a Type-1 award is not a prerequisite to apply for a Type-2 award.

Type-2 Awards

- Purpose: Type-2 awards are for regions and proposing teams that are prepared to launch an NSF Engine by the expected award date. Applicants are encouraged to review the BAA for guidance on determining the appropriate proposal type for your region.

Duration and Award Amount:

- Type-1: up to 24 months and the maximum proposed budget for each Type-1 award must not exceed $1,000,000.
- Type-2: up to $160M over a period of up to 10 years, spanning distinct phases.

Resources to take note of:

- **Handout:** Share the NSF Engines' program handout with your network.
- **Events:** Attend one of the many upcoming webinars and/or virtual roadshows to meet with program officers and/or fellow potential applicants in your region. To register, visit: https://nsfengines.eventbrite.com.

This program is a limited submission. Concept outlines are due to the Division of Research by June 10th via the InfoReady online portal: https://umd.infoready4.com/#competitionDetail/1871233

If you have any questions, please contact Hana Kabashi (hkabashi@umd.edu). Thank you!

NSF CAREER Webinars
2022 NSF CAREER Foundation-Wide Program Briefing

May 10 2022 2:00PM to 4:00PM (virtual)

May 16 2022 2:00PM to 4:00PM (virtual)

Both webinars will include the same briefing on the CAREER program and key solicitation requirements followed by a question and answer session. (Faculty who are interested need to attend only one.) Prior to the webinar, submit questions to NSF CAREER Webinar Questions.

Please review the CAREER program solicitation and FAQs before the webinar.

Register for a CAREER webinar.

NSF CAREER Proposal Submission Logistics Webinar

May 26 2022 2:00PM to 3:30PM (virtual)

This webinar will include a review of the system-related requirements in the CAREER submission timeline guidance, a demo of how to prepare a CAREER proposal in Rese and a question-and-answer session. Submit questions for the question-and-answer s to the webinar by emailing them to careerproposalprep@nsf.gov.

Register in advance for the CAREER Proposal Submission Logistics webinar.

ORAU NASA Postdoctoral Program Seeks Early Career and Senior Scientists for Prestigious Fellowships - *NEW*

NASA invites both early-career and senior scientists to explore fellowship opportunities in its postdoctoral program and share in NASA's mission to develop advancements in science, technology, aeronautics and space exploration. The deadline to apply for this cycle of fellowships is **July 1, 2022**. ORAU manages the NASA Postdoctoral Program (NPP).

NPP offers unique research opportunities to highly-talented U.S. and non-U.S. scientists to engage in ongoing NASA research projects with top scientists at a NASA Center, NASA Headquarters or at a NASA-affiliated research institute. These one- to three-year fellowships are competitive and are designed to advance NASA's missions in space science, earth science, aeronautics, space operations, exploration systems and astrobiology.

Deadlines and Eligibility

Annual NPP application deadlines are **March 1, July 1, and November 1.** Scientists within five years of having received their degrees are eligible to apply as a postdoctoral fellow, and scientists who have received their doctorates more than five years previously may apply as a senior fellow. After the first year as a postdoctoral fellow, scientists interested in management may apply to the postdoctoral management program at NASA Headquarters.

Benefits

Stipend rates for these NASA postdoctoral fellows currently start at $63,000 per year. Supplements are provided for higher cost-of-living areas and certain academic specialties. The stipend amount for a senior postdoctoral fellow is based on the location of the appointment, experience (number of years beyond the doctoral degree) and career achievement, including academic rank and professional title. Available benefits include health insurance supplements, professional development resources, a research allowance up to $10,000 per year and relocation reimbursement.

Learn More and Apply

Beginning with this current application cycle ending on July 1, 2022, NASA has re-opened eligibility to foreign nationals who are eligible for the Exchange Visitor J-1 visa status. See eligibility and requirements for more details.

Learn more about the NPP, including how to apply, eligibility and requirements, additional benefits and what to expect during the application process at npp.orau.org. For additional information, email npp@orau.org.

[U.S. National Academies of Sciences, Engineering, and Medicine](#) (NASEM) & [African Academy of Sciences](#)

The [U.S. National Academies of Sciences, Engineering, and Medicine](#) (NASEM) in partnership with the [African Academy of Sciences](#), is pleased to announce the first U.S.-Africa Frontiers of Science, Engineering, and Medicine Symposium. The inaugural meeting will be held on October 12-14, 2022 in Nairobi, Kenya. The call for applications is now open and scientists, engineers, and medical professionals from the U.S. and African Union member states are invited to submit their [application online](#) before the deadline of June 20, 2022, 11:59 PM EDT (Washington D.C. time).

Based on NASEM's long-standing Frontiers programs, the U.S.-Africa Frontiers program intends to bring together outstanding early-career scientists, engineers, and medical professionals (within 15 years of most recent degree) from the United States and member countries of the African Union for a series of symposia to discuss exciting advances and opportunities in their fields. The goal of these meetings is to enhance the scientific exchange and dialogue among early-to-middle career researchers in African countries and the United States, including the African science diaspora, and through this interaction facilitate research collaboration within and beyond the region. Another unique aspect of the Frontiers events is the pluri-disciplinarity of the participants' background and research interest.

One of the main objectives of this Frontiers symposium is to catalyze convergence research, innovation, and cross-pollination of ideas, unlike the traditional format of specialized conferences on a single topic. The upcoming symposium will address the following topics:

* ·   *Session I: Artificial Intelligence*
* ·   *Session II: Materials Science*
* ·   *Session III: Biodiversity*
* ·   *Session IV: Climate Change and Food Security*
* ·   *Session V: Infectious Diseases*

We strongly encourage young scientists, engineers and medical professionals working on related research to apply to this truly pluri-disciplinary meeting, as long as they fulfill the [eligibility criteria](#). Please distribute to your interested

colleagues and your network. Each general participant will also have the opportunity to present his or her research during poster sessions. Travel of selected participants will be covered.

*Please remember to submit your **application online** by the deadline of June 20, 2022. The upcoming symposium is sponsored by the Rutter Foundation and the Office of Naval Research Global (ONR-G). For questions, please e-mail us at: **USAfricaSTEM@nas.edu**. For more information on the U.S.-Africa Frontiers Program, please visit the **program website.***

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