

Quarterly Newsletter  
April 2019  
Volume 1, Issue 1



# OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

*Shaping the Future of Science*

Workforce Development Strategic Partnerships



## Coming Soon!

Exclusively designed for and available to those in Oak Ridge Institute for Science and Education (ORISE) appointments, [ORISE](#) provides complementary development opportunities for early career STEM professionals who wish to advance their career to the next level.

Be on the lookout for ORISE Learn – a platform for our proprietary e-learning courses – to move to Zintellect this fall, making the courses easier to access! Current offerings include Effective Science Presentations; Making a Great

Poster; Ignite Talks; Professional Branding, The Resume and You; and Volunteerism in Science, with more coming soon.



Also, new to the Career Development section of the ORISE website later this year, will be an Ignite Talk channel! Promoted under the slogan, “Enlighten us, but make it quick,” an Ignite presentation is five minutes long and contains 20 slides, which advance automatically while the presenter speaks. After taking our Ignite Talks course, ORISE participants have impressively used this format to deliver fun and engaging presentations describing their research outcomes. Our Ignite Talk channel will feature the best of the best of these entertaining talks, Ignite Talk contests and more! We invite all participants to take the Ignite Talk challenge: take the course, and send in a video of your talk. We look forward to seeing some ORISE STEM talent go viral!

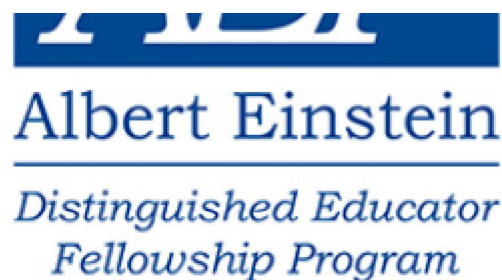
Visit the [STEM Career Resources page](#) for additional information.

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**Seeking Sponsors  
for Albert Einstein  
Fellowship**



[ORISE](#) is seeking federal agencies to be a part of the [Albert Einstein Distinguished Educator Fellowship \(AEF\) Program](#).



This program provides a unique opportunity for accomplished K-12 STEM educators across the United States (U.S.) to apply their extensive classroom knowledge and experiences to their host offices to inform federal STEM education efforts. The fellowship helps the [U.S. Department of Energy \(DOE\)](#) meet its mission and fosters collaboration with other agencies.

Now in its 28th year of operation, the [AEF Program](#) is managed by the DOE Office of Science's Office of Workforce Development for Teachers and Scientists (WTDS) in collaboration with [ORISE](#) and the sponsoring agencies. If you, or someone you know, works for a federal agency that has a K-12 program or has education as a component of its mission statement, let us know! Email us at [Einsteinfellows@orise.orau.gov](mailto:Einsteinfellows@orise.orau.gov).

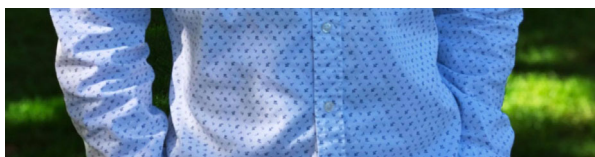
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## Meet an ORISE Researcher

With interests in mathematical biology and informatics, doctoral student, **James Brunner** applied to the [National Science Foundation's \(NSF\) Mathematical Sciences Graduate Internship \(MSGI\) Program](#). As a participant in the program, Brunner had the opportunity to answer questions in the biosciences. His research benefited biologists and partners throughout the country by



furthering the understanding of microbial communities. Click [here](#) to read more about how Brunner used mathematics to investigate microbiomes and microorganisms.



**Natalie Griffiths, Ph.D.,**

shared her passion for research and scientific discovery with ORISE participants as a staff member in the Climate Change Science Institute and the Environmental Sciences Division at [Oak Ridge National Laboratory](#). As a mentor, Griffiths and her mentees contributed to environmental research using field studies to advance the understanding of how naturally occurring elements within the environment may be affecting environmental change. Read her thought-provoking story [here](#).



## Tell Us Your Story

Would you like to be featured in a success story? Email your name and program to [SuccessStories@ornl.gov](mailto:SuccessStories@ornl.gov) and one of our writers may contact you and guide you through the process. Candidates must be a current or past ORISE mentor or participant to be eligible. Nominations are also welcome.





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## Featured Research Opportunities

- Contribute to eventually eliminating tuberculosis in the U.S. by applying [here](#) for a fellowship available with the Laboratory Branch, Division of Tuberculosis Elimination, within the National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention (NCHHSTP) at the **Centers for Disease Control and Prevention (CDC)**. Application deadline for this opportunity is May 1.
- Know any postgraduate's interested in social science? Tell them to apply for a research opportunity with the **Food and Drug Administration (FDA)** Center for Drug Evaluation and Research (CDER) and support the research and development activities associated with prescription drug promotions. [Apply by May 31](#).
- The **Air Force Institute of Technology (AFIT)** is looking for a postbachelor's research associate to assist in solving some of the largest and most complex problems. The participant will be involved in running computational fluid dynamic simulations alongside an ORISE mentor. This 10-12 week program begins in June. [Applications are now open](#).

Click the link below to explore more opportunities in Zintellect.

**Visit [Zintellect.com](https://www.zintellect.com)**

## Tip of the Month

*Guidance on IGF and SA*

Did you know Federal law prohibits contractors from performing inherently governmental functions (IGF) and staff augmentation (SA)?

Although non-employee participants are not contractors of [ORISE](#) or the sponsoring agency, this principle still applies.



## Topic of the Month

*Opioid Health Crisis*

Sponsoring agency, [National Institutes of Health \(NIH\)](#), launched the Helping to End Addiction Long-term<sup>SM</sup> (HEAL) Initiative to support research and stem the national opioid public health crisis. [NIH](#) studies show that more than two

# World Laboratory Day is April 23!

*Save the Date:* On behalf of the [U.S. Department of Defense \(DoD\)](#), you are invited to join us for an open house social on Tuesday, April 23, 2019 between 4-6 p.m. at our Belcamp office. Connect with others passionate about STEM and have the opportunity to visit our Participant Professional Development Stations, where we will be:

- Conducting Resume Reviews
- Conducting LinkedIn Profile Reviews
- Taking Professional Headshots
- Providing ORCID® Registration Information

Come have some fun! **All ORISE participants and mentors are encouraged to attend the networking event.**

The address is 4692 Millennium Drive, Suite 101 Belcamp, MD 21017.

million Americans have opioid use disorder (OUD) and millions more misuse opioids. Click [here](#) to learn more about the HEAL initiative.

RSVP by emailing your name to ORISE-STEM-WORKFORCE@orise.orau.gov.

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## Wondering Why?

Over 70 years since inception, [ORISE](#) continues to grow and to support the mission and values of [DOE](#). The educational STEM opportunities offered for students from youth to adult positively impact not only the participants, but also the mentors, sponsors and all who will rely on the advancements of science, technology and security in the future. Support of [ORISE](#), and other projects, enables both mentors and participants to focus on their educational and research goals.

We're always happy to get feedback. Please reply to this email to send us your questions, comments or concerns.

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