

NSF RET Site: Research Experiences for Teachers in Biologically-inspired Computing Systems



You are invited to apply for a year-long research scholarship hosted at the University of South Alabama. In this scholarship, you will participate in a six-week summer program plus classroom implementation and follow-up activities in the subsequent academic year.

When

Benefit

- Summer 2023:
 - June 5-July 13 (Mondays to Thursdays
 - 9am-2pm
- Fall 2023 & Spring 2024:
 - Classroom implementation
 - Follow-up workshops

Where

University of South Alabama

150 Jaguar Drive, Shelby Hall

Eligibility

- Middle/high school teachers in STEM
- Women and minority candidates are strongly encouraged to apply
- More details: <u>https://</u> <u>usa-ret.weebly.com/</u>

Contact

MCPSS Contact: Melody Tucker email: mtucker@mcpss.com phone: 251-221-4099

BCBE Contact:

Jeremy King & Tiffany C. Goldschmidt email: jking@bcbe.org, tgoldschmidt@bcbe.org phone: 251-972-6850

\$7,000 stipend

- \$1,100 to purchase materials/ supplies for lesson plan implementation during the school year
- Hands-on practice and research experience
- Professional seminars
- Travel support to attend and present at a national conference
- Support for lesson plan implementation during the school year

Application

- https://usa-ret.weebly.com/
- Apply as soon as possible





Program Activities

- Participate in discoverybased research with professors who have expertise in artificial intelligence, cancer detection, and computing systems design;
- Develop, implement, and assess curricula materials and activities in middle- or high-school STEM classes;
 - Form a longitudinal partnership with South faculty & students as well as colleagues from other schools;
 - More detailed information is presented at <u>https://usa-</u> <u>ret.weebly.com/</u>





General RET Program Contact: Na Gong: nagong@southalabama.edu Shenghua Zha: shzha@southalabama.edu