U.S. Air Force Research Lab Repperger Research Intern Program

ORAU administers Science, Technology, Engineering and Mathematics (STEM) research participation programs for civilians such as the Department of Energy's Oak Ridge Institute for Science and Education (ORISE) Program that allow senior scientists, faculty; high school, bachelor's, masters' and doctoral students, and recent graduates to enhance their science education experience in projects and activities at our Department of Defense (DOD) and other Government and Private Industry customers' laboratories and research facilities worldwide. Last year, ORAU placed over 9,400 participants in educational research roles across the country.

The Repperger Research Intern Program begins June 4 and concludes August 12, 2017. We are currently seeking Computer Science candidates for several opportunities within the Repperger Research Internship Program. A single application can be utilized to apply to all of these programs and other DoD research opportunities (Candidates can apply to multiple opportunities). I am e-mailing institutions across the country in attempt to alert students about the available opportunities. Please share my e-mail with your students and faculty to encourage your students to apply to these great research opportunities. The opportunities with AFRL are located either in Ohio or Texas at the respective research laboratory. Currently, the deadline to apply for this program is slated for Friday 6 Jan 17 (We opened up the application process in late November ). Pending the applicant pool after Friday's deadline, we may extend the deadline a few more weeks) U.S. Citizenship is required for the Air Force Research Lab.

Candidates can apply to this program and view others on our website: www.orau.org/maryland

Candidates will receive a monthly stipend based upon their education and experience.

The following projects are still actively seeking qualified computer science candidates:

Project Number/ Project Title

17-03 / From Insights in Social Media to Indicators of Behavior

17-11 / Physiological Response(s) to Intense Electrical Stimuli

17-14 / Imaging Informatics Tools and Resources for Force Health Protection Research

17-16 / Genetic Variability of Phenotypic Outcomes for Individualized Force Health Protection

17-17 / Mobile Software Application for Cockpit Evaluation of Laser Eye Protection

17-18 / Imaging at the speed of light: Utilizing compressed ultrafast photography to observe fundamental intracellular dynamics in real-time.

17-23 / A high throughput bioinformatics method for analyzing nucleotide polymers demonstrating physiological effects within eukaryotic cells

17-24 / Low-latency Plan Execution Monitoring in the CECEP Framework

17-26 / Accelerating Planning in a Domain Ontology using the planning Domain Definition Language

17-27 / Development of mobile software app for team-based physiological monitoring in field training environments

17-31 / Personalized Spatial Audio for Virtual/Augmented Reality

17-36 / The effects of automation error types on trust and reliance

We will continue to receive more research opportunities, these programs wanted to get a start on the recruitment process. The application deadlines will vary from one program to the next, but most Selecting Officials will like to start reviewing the applicants following the first of the year.

U.S. Air Force Research Lab - 2017 Repperger Internship Program (39 opportunities for BS students - PhD candidates) - U.S. Citizenship Required
Information Webpage: http://www.orau.org/maryland/repperger.html

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Best regards,

Mike Janney
Sr. Recruiter, DoD Participant Programs

4692 Millennium Drive, Suite 101 | Belcamp, MD 21017
(410) 618-7981 (cell)
(410) 306-9306 (fax)
michael.janney@orau.org
Follow Mike on LinkedIn

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