The United States Air Force School of Aerospace Medicine Department of Aeromedical Research has one postdoctoral research opportunity seeking Postdoctoral candidates with a background in electrical engineering or computer science with experience in analyzing big data, waveforms, advanced machine learning techniques and predictive algorithms. This appointment will be administered by the via Oak Ridge Associated Universities (ORAU) via the Oak Ridge Institute for Science and Education (ORISE) program. This research opportunity will be located in Baltimore, Maryland. U.S. Citizenship is required for this opportunity.

Interested postdoctoral researchers may apply to this opportunity via the ORAU Maryland Office Website: [www.orau.org/maryland](http://www.orau.org/maryland)

Project ID: USAFSAM-8818401545

Please check out this opportunity and many others located on our website. In addition, please note the U.S. Army Research Lab Summer Journeyman Fellowship Program is still actively seeking summer interns BS candidates to PhD candidates. U.S. Citizenship is NOT required for ARL.


ARL has six directorates seeking candidates this summer:

- Computational and Information Sciences (CISD)
- Human Research and Engineering Directorate (HRED)
- Sensors and Electron Devices Directorate (SEDD)
- Survivability and Lethality Analysis Directorate (SLAD)
- Vehicle Technology Directorate (VTD)
- Weapons and Materials Research Directorate (WMRD)

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| **Job Id (Use when Referring to Position):** | USAFSAM-8818401545 |
| **Job Type:** | FTP |
| **Location:** | Baltimore MD |
| **Experience:** | PhD |
| **Compensation:** | $96K |

One postdoc research opportunity is available with the United States Air Force School of Aerospace Medicine Department of Aeromedical Research. This opportunity will be located in Baltimore, MD. USAFSAM is seeking a Postdoctoral candidates with a background in electrical engineering or computer science with experience in analyzing big data, waveforms, advanced machine learning techniques and predictive algorithms. The appointment is scheduled to last at least twelve months, possibly up to total of five years pending available funding. The funding is approved in twelve month intervals. The annual equivalent stipend for the appointment period is $96K.

A major focus of the USAF research at CSTARS Baltimore has focused on the development and testing of real-time advanced machine learning-based computer algorithms that process continuous streams of trauma patient physiological data (waveforms and data points) and predict the need for life saving interventions (such as blood transfusion) and the clinical course of the patient. The intern will participate in applying advanced machine learning to process continuous physiological data to create decision support algorithms.

U.S. Citizenship is REQUIRED

[Click here for more information]