

Postdoctoral Fellow in Sensor/Information Fusion

The U.S. Army Research Laboratory (ARL) is seeking a researcher in sensor and information fusion to be part of its program in basic and applied research of fusion for Data to Decisions (D2D) programs. ARL is the Army's corporate research laboratory and, as such, conducts basic and applied research across a wide range of disciplines to support the current and future Army needs. A 1-2 year postdoctoral fellowship position for Engineers or Computer Scientists serving as research scientists in sensor/information fusion at ARL is available at the ARL Adelphi Laboratory location in Maryland, just outside Washington, DC. The position is for:

Engineer/Computer Scientist

Postdoctoral Fellowship

Salary range \$74,872 - \$82,359 per annum

(includes locality payment)

The candidate will be responsible for performing basic and applied research in the development of fusion theories, algorithms, and architectures to enable situational awareness and effective decision making. The work involves evolution of theory, experimentation, analysis, sensor fusion algorithms, and hard- and soft-information fusion; and application of research ideas to real-world problems in intelligence, reconnaissance, and surveillance. The position requires expertise, knowledge, and skills in statistics, estimation theory, Bayesian analysis, optimization, signal processing, machine learning, pattern recognition, control theory, Matlab, C/C++, and general sensor fusion techniques. Expertise in fusing both sensor (imaging and non-imaging) and human generated text for network analysis is desired. PhD is required, and U.S. citizenship is highly desired. Research programs conducted involve a substantial breadth of knowledge and experience. Information on ARL may be found on the ARL website, www.arl.army.mil. For further information, please contact Dr. Tien Pham (tien.pham1.civ@mail.mil). To apply, please email your curriculum vitae to Dr. Pham.