The Adaptive Intelligent Materials & Systems (AIMS) Center, Director: Professor Aditi Chattopadhyay, School for Engineering of Matter, Transport and Energy (SEMTE), Arizona State University, is participating in the Undergraduate Research Apprenticeship Program (URAP) through the Army Educational Outreach Program (AEOP). This program will take place during Summer and Fall 2018. Students will have the opportunity to work on a research project on advanced polymer matrix composites which make aircraft safe and intelligent. Topics include: (i) synthesis of multifunctional materials; (ii) specimen preparation; (iii) mechanical testing; (iv) damage/fault detection. Students will be able to work up to a total of 690 hours during the summer and fall semesters and they will receive an educational stipend ($15 per hour).

Motivation to spend time and effort in learning through guided and self-initiated study is required. Additional requirements include junior or senior standing, ability to commit at least ten hours per week, proven ability in engineering, science and mathematics.

Additional information and an online application form can be found at the AEOP website: http://www.usaeop.com/programs/apprenticeships/urap/

The deadline for students to apply is February 28, 2018. For questions, contact:

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