



UNDERGRADUATE Apprenticeships

DEADLINE TO APPLY:
MARCH 15, 2021

Let AEOP help to prepare you for the STEM careers of tomorrow!

AEOP is proud to offer **summer, semester, and year-round apprenticeships** for undergraduate students throughout the country.

Conduct **real-world, Army-sponsored research** alongside scientist and engineer mentors in **world-class facilities** at University labs or U.S. Army Research Laboratories and Centers.

Elevate your STEM knowledge and experience, and take part in the research that is shaping the future of our nation.



APPLY TODAY!

Why participate in an AEOP Apprenticeship?

- Stand out from your peers and **gain a competitive edge** as you prepare for graduate school and your career.
- Access to **professional mentors** – working scientists and engineers who can guide and coach you, allowing you to start building your professional network of STEM contacts.
- Not only will you gain exposure to high-tech equipment and technologies, but you will **learn the culture of STEM** and working in a lab.
- Attend **webinars on a variety of topics relevant to exactly where you are in your STEM journey** – topics ranging from hot STEM careers and research areas to building skills required for graduate school and/or your job search.
- **Earn a stipend** in recognition of your work.

Eligibility and More:

- Must be a U.S. citizen or permanent legal resident
- Participants must be enrolled in an undergraduate STEM-related program.
- This opportunity is for commuting students only. Program does not supply allowance for housing, meals, or travel.
- Apprenticeships take place onsite unless otherwise noted .

LOCATION INFORMATION :

Address: ECE department, The University of Arizona, 1230 Speedway Blvd., Tucson, AZ 85721 **Contact:** Drs. Ming Li and Loukas Lazos; **Description:** This project focuses on enhancing the security of wireless networks, specifically, establishing trust among wireless devices to protect them from cyberattacks. Example applications include WiFi, Internet-of-Things, and vehicular networks. Prospective students will work on the following two topics: (1) Physical-layer based Authentication in Vehicular Platoons; (2) Exploring Channel Randomization to Enhance Wireless Device Authentication in IoT. **Requirements:** Major in ECE or CS; prerequisites: DSP and wireless communications; GPA > 3.5; C/C++/Python; two letters of recommendation. **Dates:** May-Aug. 2021

AEOP can help you achieve your STEM education and career goals!

Still have questions? Email aeopapprenticeships@rit.edu or call **585-475-7177**. Visit our website for more information, and be sure to follow us on social media for important announcements, future opportunities, and upcoming events!

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TO APPLY, VISIT: <https://www.usaeop.com/program/undergraduate-apprenticeships/>
(Location code: B603)