Center for Emergent Materials: A National Science Foundation Materials Research Science and Engineering Center

SUMMER RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU)

ABOUT THE PROGRAM

The Center for Emergent Materials (CEM) REU program focuses on fundamental and applied science of exotic and novel materials and next-generation electronics that move toward a new generation of low-power-dissipation high-density electronics.

Projects range from Injection and detection of spin-polarized electrons in silicon or graphene to growth characterization of complex oxide multilayer structures for computer memory applications as well as modeling the behavior of skyrmion magnetic interfaces.

During the 10-week program, you will conduct experimental/theoretical/computational research projects with an Ohio State University faculty mentor and a graduate or postdoctoral fellow from the CEM. You will have an opportunity to participate in professional development activities that will prepare you for graduate school and research-related careers, network with peers and take part in various social events.

APPLICATION DEADLINE

FEBRUARY 15

STIPEND AND SUPPORT

- $5,000 stipend
- Ohio State library access
- Travel costs
- On-campus housing (dorm)
- Local bus transportation

ELIGIBILITY REQUIREMENTS

U.S. citizen or permanent resident enrolled in an undergraduate degree program in physics, materials science, chemistry or electrical/computer engineering. Students from groups underrepresented in engineering or physics are encouraged to apply.

The Ohio State University and the Center for Emergent Materials are committed to the full inclusion of individuals with disabilities. The ADA Coordinator's Office is a resource and referral point for disability related information, services and resources. For additional information, visit their website (ada.osu.edu) or email them at ada-osu@osu.edu.

QUESTIONS?
Contact Michelle Richard at cem-reu@osu.edu
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