

Opportunity Title: IACMI - The Composites Institute - Composite Materials for Vehicles

Opportunity Reference Code: IACMI-2018-VH-Graduate

Organization	Institute for Advanced Composites Manufacturing Innovation (IACMI)
Reference Code	IACMI-2018-VH-Graduate
How to Apply	Electronic applications are currently being accepted for the 2018 summer term. The appointment dates are June 4 - August 10, 2018. The deadline to apply is 11:59 p.m. EST on February 12, 2018.
Application Deadline	2/12/2018 11:59:00 PM Eastern Time Zone
Description	The Institute for Advanced Composite Manufacturing Innovation has an interest in developing the skills of strong technical undergraduate and graduate students who might one day support the workforce in both talent and leadership. The IACMI Internship Program offers undergraduate and graduate students a chance to participate in a 10-week summer program with an assigned mentor at one of IACMI's partner sites. The program is managed for IACMI by ORAU.

Project Description


Selected candidates for this opportunity will take part in innovative vehicle research with IACMI's partner at Michigan State University in Detroit or East Lansing or the Vehicles Scale-Up Facility in Detroit. Selected candidates may also be assigned to an IACMI industry partner with the noted states, as well. In addition, depending on the host facility, selected candidates may be subject to a drug test and/or background check.


IACMI's Vehicles Technology Area, located in Michigan where 70% of all US automotive RD&D occurs at more than 370 R&D centers, is focused on reducing the weight of vehicle structures. Specifically, the institute is focusing on advanced fiber-reinforced polymer composites for vehicles; materials that combine strong fibers with strong plastics that are lighter and stronger than steel. These materials are crucial to the auto industry, which continues to look for ways to manufacture vehicles that are fuel-efficient and safe. Composite materials also are important in the development of efficient power generation and the increase of renewable power production.

To learn more about this initiative at Michigan State, please visit: <http://iacmi.org/technology-areas/vehicles/>


Contact Us



For more information regarding eligibility and/or application questions, visit the program website at www.orau.org/IACMI.


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You may also contact:

Julie Malicoat














Project Manager

julie.malicoat@orau.org

Qualifications *To be eligible, an undergraduate must:*

- Be a student in good standing at a regionally accredited US college or university.
- Have a minimum cumulative GPA of 3.2 or the equivalent as verified by updated transcripts
- Be at least 18 years old at the time of appointment
- Provide proof of health insurance coverage. The participant can purchase health insurance coverage through ORAU.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Master's Degree or Doctoral Degree.
- **Overall GPA:** 3.20
- **Discipline(s):**
 - **Business** (11 )
 - **Chemistry and Materials Sciences** (12 )
 - **Communications and Graphics Design** (6 )
 - **Computer, Information, and Data Sciences** (16 )
 - **Earth and Geosciences** (21 )
 - **Engineering** (27 )
 - **Environmental and Marine Sciences** (14 )
 - **Life Health and Medical Sciences** (45 )
 - **Mathematics and Statistics** (10 )
 - **Other Non-Science & Engineering** (13 )
 - **Physics** (16 )
 - **Science & Engineering-related** (1 )
 - **Social and Behavioral Sciences** (28 )

Affirmation I certify that:

- I am a U.S. citizen.
- I am currently enrolled in and a student in good standing at a regionally accredited college or university.
- I have at least a 3.2 cumulative GPA at the time of application.
- I will be at least 18 years of age at the time of appointment.
- I will provide proof of coverage under a health insurance plan prior to the beginning of the internship.