

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

Opportunity Reference Code: IACMI-2017-VH-Long-Term


Organization	Institute for Advanced Composites Manufacturing Innovation (IACMI)
Reference Code	IACMI-2017-VH-Long-Term
How to Apply	Electronic applications are currently being accepted for the 2017 Fall Term. The appointment dates are August - December, 2017.
Application Deadline	9/1/2017 12:00:00 AM Eastern Time Zone
Description	<p>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 research experience with an assigned mentor at one of IACMI's partner sites. The experience provides a maximum of 400 hours of participation during the authorized appointment period. The program is managed for IACMI by ORAU.</p> <p>Selected candidates will develop and deliver a brief presentation and poster at the IACMI Members' Meeting. The IACMI Members' Meeting location and dates vary each year, but will fall within the appointment period. Students will be provided information upon appointment. Travel expenses will be reimbursed according to ORAU Travel Policy. This event provides participants the opportunity to network with 300+ industry partners and showcase their research.</p>


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.

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/>.


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Contact Us

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

You may also contact:

Julie Malicoat














Project Manager

Julie.Malicoat@orau.org

Qualifications This program is open to qualified undergraduate and graduate students. *To be eligible, an applicant must:*

- Be a U.S. Citizen.
- Be a student in good standing at a regionally accredited US college or university.
- Reside locally – less than 30 miles of the facility.
- 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 an Associate's Degree, Bachelor's Degree, 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.

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- 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.