

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

Opportunity Reference Code: IACMI-2016-VH

Organization Institute for Advanced Composites Manufacturing Innovation (IACMI)

Reference Code IACMI-2016-VH

How to Apply Electronic applications are currently being accepted for the 2016 summer term. The appointment dates are June 6-August 12, 2016. The deadline to apply is 11:59 p.m. EST on March 15, 2016.

Application Deadline 3/15/2016 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.

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.ornl.gov/IACMI.

You may also contact:

Dr. Nicie Murphy

Project Manager

nicie.murphy@ornl.gov

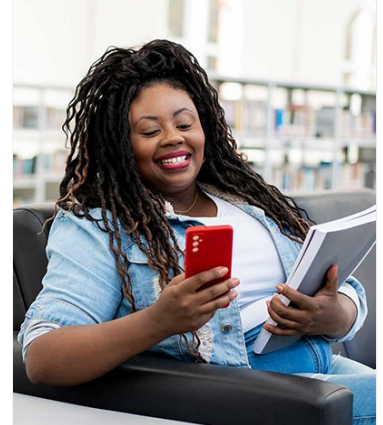
For assistance with Zintellect, please email Zintellect@ornl.gov.

Qualifications This program is open to qualified graduate and undergraduate 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



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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 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 enrolled in a regionally accredited college or university.
- I have at least a 3.2 cumulative GPA at the time of application.
- I am at least 18 years of age at the time of application.
- I will provide proof of coverage under a health insurance plan prior to the beginning of the internship