

**Opportunity Title:** IACMI - The Composites Institute - Design, Modeling, and Simulation

**Opportunity Reference Code:** IACMI-2018-DMS-Undergrad-Graduate

**Organization** IACMI - The Composites Institute

**Reference Code** IACMI-2018-DMS-Undergrad-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 design, modeling, and simulation research with IACMI's partner at Purdue University in West Lafayette, IN. 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 Design, Modeling & Simulation Technology Area, located in Indiana and led by Purdue University, offers modeling and simulation tools to help address the need to shorten the development cycle and decrease the cost of composites manufacturing while allowing more time for innovation throughout the entire supply chain.

To learn more about this initiative at Purdue University, please visit: <http://iacmi.org/technology-areas/design-modeling-and-simulation-technology-area/>

#### **Contact Us**

For more information regarding eligibility and/or application questions, visit the program website at [www.orau.org/IACMI](http://www.orau.org/IACMI).

You may also contact:

**Julie Malicoat**

Project Manager

[julie.malicoat@orau.org](mailto:julie.malicoat@orau.org)

For assistance with Zintellect, please email [Zintellect@orau.org](mailto:Zintellect@orau.org).

**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 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

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Degree.

- **Overall GPA:** 3.20
- **Discipline(s):**
  - **Business** (11 )
  - **Communications and Graphics Design** (6 )
  - **Computer Sciences** (17 )
  - **Earth and Geosciences** (23 )
  - **Engineering** (27 )
  - **Environmental and Marine Sciences** (13 )
  - **Life Health and Medical Sciences** (47 )
  - **Mathematics and Statistics** (11 )
  - **Nanotechnology** (1 )
  - **Other** (8 )
  - **Other Physical Sciences** (12 )
  - **Physics** (16 )
  - **Social and Behavioral Sciences** (36 )

**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.