



**THE AMERICAN INSTITUTE OF  
AERONAUTICS AND  
ASTRONAUTICS**

**PURDUE CHAPTER  
CALLOUT PACKET**

Purdue site: <http://aae.www.ecn.purdue.edu/~aiaa/>

National site: <http://www.aiaa.org>



## WHAT IS AIAA?

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- AIAA is the world's leading professional society in the broad areas of aeronautics and astronautics.
- AIAA is the preeminent worldwide aerospace information resource.
- The Purdue student chapter of AIAA is dedicated to the promotion and development of student members with *interest* in the aerospace/aeronautical discipline.
- Members include a wide variety of engineering students as well as those in other technical disciplines. All students who have an interest in the aeronautical/aerospace field are encouraged to join.



## MISSION STATEMENT

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- The nonprofit American Institute of Aeronautics and Astronautics (AIAA) is the principal society and voice serving the aerospace profession. Its primary purpose is to advance the arts, sciences, and technology of aeronautics and astronautics and to foster and promote the professionalism of those engaged in these pursuits.



# LOCAL BENEFITS OF AIAA

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- Participate in trips to places of Aero interest.
- Opportunity to get involved in more aerospace activities.
- Have your resume published in our resume CD.
- Interactions with upper level students allowing first hand experience and advice on classes, etc.
- Participate in a T-shirt design contest.
- Get involved in outreach activities.
- Meet new friends.
- Most of all...Have FUN!!



# NATIONAL BENEFITS OF AIAA

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- **AIAA Publications**
  - Complimentary subscription to Aerospace America (online).
  - Complimentary subscription to the AIAA Student Journal (online).
  - Member rates on all other AIAA publications.
- **Scholarships**
  - Undergraduate: \$2000 each, 30 awarded annually to sophomores, juniors, and seniors.
  - Graduate: \$5000 each, 10 awarded annually.
- **Design Competitions**
  - Industry sponsored design competitions.
  - First place: \$2500, Second place: \$1500, Third place: \$1000
    - 5 Undergraduate competitions (4 Team, 1 Individual)
    - 3 Graduate competitions (3 Team)



# CONFERENCES

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- Professional Conferences
  - Inexpensive or **Free** registration for student members.
  - Become informed on the latest developments in aerospace.
  - Develop contacts in the professional community.
- Student Conferences
  - Opportunity to meet and exchange ideas with students from other universities.
  - Technical presentation experience.
  - Presentation winners receive prize money *and* AIAA pays travel expenses to the next level of competition.
  - Three levels of competition
    - Regional Student Conferences
    - National Student Conferences
    - International Student Conferences



# STUDENT CHAPTER ACTIVITIES

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- Trips to the Central Indiana Professional AIAA Section meetings – encourages communication and interaction with aeronautical professionals
- Local speakers and programs encouraging interaction between industry and the university
- Trips to various attractions in the region (i.e.: Brownsburg Challenger Center, IMAX in Indianapolis, Aerial Displays, etc.).
- Aeronautical Education Reach–Out program (A.E.R.O.) – designed to bring the excitement of the aerospace profession to elementary, middle, and high school students.
- Fall Space Day – a program designed to involve the student groups in the department in bringing space education to young students.
- Ongoing publication of resume CD – allows mass distribution to aerospace industries.



## OFFICER INFORMATION

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<u><i>Title</i></u>	<u><i>Name</i></u>	<u><i>Email</i></u>
President	Matt Stout	stoutm@purdue.edu
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\* AERO is the Aeronautical Engineering Reach-Out program



## SO, HOW DO I JOIN?

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- If you did not get a membership form, they will be available in the Student Lounge (Grissom 360).
- To sign up for the National Organization, go to [www.aiaa.org](http://www.aiaa.org), and sign up as a student member. The cost is \$20 for 1 year.
- Remember Fall Space Day!!!
- If you have any questions, email one of the officers or stop the Student Organizations office in Grissom 310.