

## Are you...

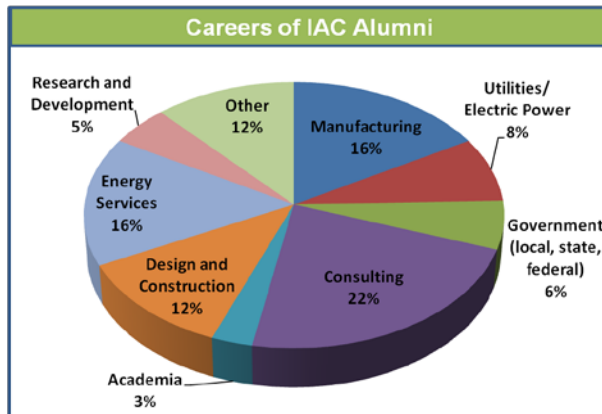
- Interested in saving energy?
- Want to help improve the competitiveness of U.S. industry?
- Want to learn valuable career skills?
- Willing to work in teams?
- Willing to tackle and solve technically challenging real-life problems?

If so, joining the IAC may be right for you!

### What Alumni are Saying:

"[IACs are] a tremendous opportunity for anyone entering the Energy Management field. It's a program that offers immense experience for an incoming undergrad or grad student to gain practical understanding of manufacturing processes." – **Vijay Srinivasachari, Colorado State IAC**

"If the energy field is something you are interested in, you will not find a better experience than with the IAC!" – **Bryan Haney, University of Delaware IAC**



### Additional Information

- **General Program Information** – For more information on the Industrial Assessment Center program, visit [www1.eere.energy.gov/industry/bestpractices/iacs.html](http://www1.eere.energy.gov/industry/bestpractices/iacs.html)
- **DOE's Save Energy Now Initiative and BestPractices** – For more information on these DOE programs for industry, visit [www.eere.energy.gov/industry/saveenergynow/](http://www.eere.energy.gov/industry/saveenergynow/)
- **IAC Student Recruiting Information** – For more information on IAC student activities, including employer recruiting, career opportunities, and student resumes, visit [www.iacforum.org](http://www.iacforum.org) or contact Thomas Wenning at (865)241-8676 email: [wenningtj@ornl.gov](mailto:wenningtj@ornl.gov)

**For More Information about Joining the IAC Program at your University, Please Contact:**

IAC Center contact information here.  
Address, Email, Phone, Website, etc



U.S. Department of Energy  
**Energy Efficiency and Renewable Energy**  
Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

# WE WANT YOU!



# TO JOIN THE IAC

## Help America Secure an Energy Efficient Future!

## What is the IAC Program?

The U.S. Department of Energy's Industrial Assessment Center (IAC)



program has been training and developing a green workforce since the energy crisis our country faced in the 1970's. IACs look for and employ top engineering students at ABET accredited institutions to assess manufacturing plants and identify measures that will save energy, reduce waste, enhance productivity, and reduce operating costs. Students work for the IAC on a part-time basis, under direct supervision of engineering faculty and staff. The program, launched in 1976

with only four schools, currently consists of 26 centers located in engineering schools at major universities across the country. Over 14,500 IAC assessments have

been performed by over 2,800 students from the fields of mechanical, electrical, industrial, civil, and chemical engineering.

## Fundamentals of the IAC Experience

By performing supervised assessments, graduate and undergraduate students are engaged in a progressive engineering experience throughout their IAC tenure. Students new to the program undergo training on IAC procedures, energy efficient products, and safety during their first semester. During this time, they typically support more experienced team members by collecting data during site visits and assisting in the development of assessment reports.

### Why join the IAC?

- **Receive direct training on energy assessment procedures, energy efficient technologies, and industrial safety**
- **Learn to correctly measure, record, and analyze data at industrial sites.**
- **Develop the ability to quickly identify and address technical solutions**
- **Increase proficiency in written and oral communication through professional reports and client interaction**
- **Increase ability to solve problems within the constraints of time, money, and human resources**

Intermediate level students focus on developing the ability to identify and address technical energy solutions. Lead Students—a title designating veterans of the program—work with the center's Director to develop assessment reports, coordinate assessment teams, and handle administrative duties. Lead Student also train new students and represent their school at national IAC meetings.

*Providing today's engineering students with the experience to become tomorrow's energy efficiency experts*

## How the IAC Benefits your Career

The practical, in-plant experiences gained through the IAC program, combined with the engineering theory learned in classrooms, allow IAC alumni to hit the ground running when they enter the professional marketplace. In regards to



job placement, the IAC program produces top-quality and high-demand students who are consistently recruited and hired by private consulting firms, large energy services companies, utilities, and manufacturers to name a few. Numerous IAC alumni have also gone off to successfully start their own energy consulting firms. Approximately 75% of IAC students accept job positions months before leaving the program.

## The Difference between the IAC and Other Programs

Unlike standard engineering internships and co-op programs, the IAC program exposes students to a much wider range of technical experiences and challenges that help develop the practical skills that are needed in a future career. Students are routinely immersed in industrial facilities working to solve technical problems in a number of energy consuming areas, including: combustion systems, thermal systems, electrical power systems, motor driven systems, building envelope, HVAC, and lighting.

*"The IAC program is an excellent training ground for engineering students to develop many of the skills we seek"...Supervisor with Schneider Electric commenting on his company's regard for engineers with IAC experience.*