

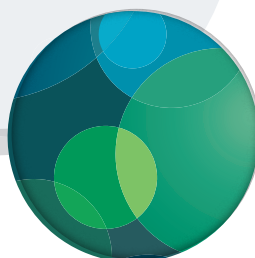
# AIChE® STUDENT

## MEMBERSHIP

## BENEFITS

Brought to you by

**AIChE**   
ScaleUp



*She's not the only  
chemical engineering student to be interested  
in renewable energy resources...*



...but she could  
be among the  
first to help  
develop a  
scalable  
solution for  
bringing wind  
power to  
energy-poor  
countries.

# Enrich Your Professional Development.

## Get an AIChE® Undergraduate Student Membership.

In a competitive, ever-changing world, you need professional support to guide you on your journey and help you reach your destination. AIChE®, the global home of chemical engineers, gives you your first professional credential, exciting networking and mentorship opportunities, essential educational and technical resources and career services — all the tools you need, all in one place. Plus eligibility for more than \$50,000 (USD) in scholarships and awards, just for belonging.

And thanks to ScaleUp Platinum Sponsor Chevron, and Gold sponsors Air Products, Corning, Dow and Honeywell UOP, AIChE student membership is fully sponsored for undergraduates attending accredited programs anywhere in the world. Apply or renew online at the start of the academic year to keep your membership active.

Join or renew today by visiting **[www.aiche.org/studentmembership](http://www.aiche.org/studentmembership)**.

### **AIChE®. For the life of your career.**

Chemical engineers' innovations, products, and solutions play essential roles in people's lives all over the world. AIChE is helping to shape the future of the chemical engineering profession and ensure it remains a positive, responsible force for change that benefits all of humankind. Join AIChE today to be a part of that mission.



# Membership Matters

Develop your leadership skills. Gain technical knowledge. Build your chemical engineering network. Apply for scholarships and awards. Take advantage of exclusive member savings.

With an AIChE student membership, you have access to resources and benefits that will help you optimize your time at college and make a smooth transition from the classroom to a career.

## Maximizing your Membership

**NEW** - The AIChE Student Newsletter is a one-stop-shop for all the information you need to make the most of your AIChE student membership. Check your inbox for the latest issue featuring announcements from the AIChE team, a calendar of upcoming events & deadlines, opportunities to do more with AIChE, information about your member benefits, & student chapter statistics, features, and resources!

**[www.aiche.org/studentnewsletter](http://www.aiche.org/studentnewsletter)**

## Learning to Lead

Start to establish your name with a global network of students and professionals.

- Student Chapters
- Local Sections
- Sister Chapters
- Executive Student Committee

## Technical Resources

Stay current with the latest technologies and trends in mature and cutting-edge industries.

- SACHe Safety Certification
- Online Publications
- AIChE eLibrary
- AIChE Academy

## Build Your Chemical Engineering Network

Connect with industry experts, young professionals, AIChE leaders and other student engineers.

- Conferences
- AIChE Engage Student Central
- Competitions
- Local Sections
- Internships
- Virtual Local Section
- CareerEngineer
- Divisions and Forums
- ChEnected Blog & Social Media
- Industry Technology Groups

# IS YOUR AIChE® STUDENT MEMBERSHIP UP TO DATE?



Did you know that students need to renew their membership each year to maintain access to their AIChE membership benefits? Renew today and keep up to date with all that AIChE has to offer.

Renew today for 2019-2020 membership  
[www.aiche.org/studentrenewal](http://www.aiche.org/studentrenewal)

## Discover the benefits of belonging:



Student  
Newsletter



Pocket  
Handbook App



SACHe  
Certification



Webinars &  
eLibrary Access



Engage  
Directory

Please contact [customerservice@aiche.org](mailto:customerservice@aiche.org) if you need your login information.

For a full list of student membership benefits, please visit [www.aiche.org/students](http://www.aiche.org/students).  
Your AIChE student membership is sponsored through the AIChE ScaleUp program.



## ScaleUp Sponsors

### PLATINUM



### GOLD



Sponsors as of 7/1/2019

## Scholarships and Awards

Enrich your résumé and earn recognition for your academic achievements.

- AIChE scholarships and awards are valued at more than \$50,000 (USD). See if you qualify.

## Exclusive Member Savings

Take advantage of these valuable member savings:

- As a graduate, save an average of \$18,668 when you refinance your student loans through AIChE's partnership with Credible's online refinance marketplace
- Save up to 40% on Dell Technology Products
- Earn cash back for shopping at your favorite stores at the Azigo online mall
- Save up to 80% at Office Depot®
- Take advantage of group dental insurance plans through the AIChE Insurance Program
- Save on hotels, vacations, car rentals and more
- New UPS rates and expanded shipping services



# Develop Your Leadership Skills

Your AIChE undergraduate student membership opens the door to valuable leadership opportunities that will look great on your résumé and carry over throughout your career. When you join AIChE, you are part of a global organization that's helping shape the future of the chemical engineering profession, with the collective power of more than 60,000 members worldwide, including over 23,000 student members. How's that for collective power?

## STUDENT CHAPTERS

AIChE student chapters are places where you can grow through professional programs, affiliation with other student chapters and association with professional members. Any undergraduate student who is enrolled in a chemical engineering program can join. Get involved and see what's in it for you.

### ● Find a Student Chapter

**[www.aiche.org/findastudentchapter](http://www.aiche.org/findastudentchapter)**

Looking for a student chapter near you? AIChE has more than 306 student chapters to choose from. And if you can't find what you're looking for, you can start a new one.

### ● Start a Student Chapter

**[www.aiche.org/startastudentchapter](http://www.aiche.org/startastudentchapter)**

Few things are more exciting than building something from the ground up. And that's what you'll be doing if you choose to start a new student chapter. Of course, you'll need to gauge student interest in your area, determine your chapter's objectives, select an advisor who can support your effort and guide your chapter as it gains momentum, elect officers and schedule regular meetings. It's a lot of work. But think of the rewards. You'll be sharing your leadership vision with other AIChE student members, developing project management and program planning skills that will take you far, and broadening your professional network by hosting educational events with AIChE professional members and social events with your fellow chemical engineering students. From access to industrial speakers and plant tours to community service and social gatherings, the opportunities are tremendous.



*"Being a member of AIChE gave me access to many resources related to the Chemical Engineering field such as access to safety certifications, online forums, ChemE related news articles, conferences, nationally recognized competitions, and the opportunity to network with fellow chemical engineers at different stages of their career.*

*I was President of the University of Florida student chapter where I acquired all the soft skills that recruiters were looking for such as leadership, interpersonal skills, creativity, professional excellence, and service to the community. My involvement with AIChE helped position me to secure two internships and make an informed decision about applying to graduate schools.*

*AIChE is THE professional organization for Chemical Engineers and I highly encourage ChemE students to join, especially because it's free!"*

— Liliana Bello Fernandez  
2017-2018 Student Chapter President  
University of Florida

## 🔍 Discover AIChE's Sister Chapters Program

[www.aiche.org/sisterchapter](http://www.aiche.org/sisterchapter)

Be part of something new. As the geographic boundaries that define our world are erased by digital space and time, the AIChE Sister Chapters Program helps you prepare for an increasingly global workplace by connecting student chapters from different countries in exciting partnerships.

Calls for participation typically go out when the school year begins, and student chapters can elect to participate yearly in the program. You'll be surprised how much fun you'll have learning about chemical engineering challenges around the globe — and working together to find viable solutions.



## ● Join the Executive Student Committee

[www.aiche.org/esc](http://www.aiche.org/esc)

The Executive Student Committee (ESC) is the Institute's only student-run committee intended to help students get the most out of AIChE.

The ESC seeks to:

- Help improve Student Chapters
- Encourage inter-chapter communication
- Serve as the liaison between Student Chapters and AIChE staff and the Student Chapters Committee
- Motivate Student Chapter members to be active in other aspects of AIChE
- Encourage Student Chapter members to continue their relationship with AIChE beyond graduation

ESC members serve as liaisons that regularly communicate with the Student Chapters in their region. The ESC also runs presidents meetings at the Annual Student Conference and Student Regional Conferences.

**Committee member positions are open to Student Chapter members. If you are interested or want to learn more about the ESC, please contact us at [aiche.esc@gmail.com](mailto:aiche.esc@gmail.com).**



*"I originally joined the ESC to give back to the AIChE Student Chapter family. I wanted to use the experience I gained as a leader in my own Student Chapter to help other Chapters grow and improve. Serving in the ESC afforded me this opportunity, but also helped me to grow and improve my own leadership skills. I'm incredibly thankful for how the ESC has allowed me to both do more and become more."*

— Anna Wagner  
2017-2018 Executive Student Committee Chair  
Purdue University

### Looking for a little friendly competition?

AIChE competitions are open exclusively to student chapter members. And they're a highlight at the AIChE Annual Student Conference. For details, see page 17.

# Prepare for the Real World

Wherever you may find yourself — in your studies, in your career, or in the world — AIChE is an excellent resource for technical information, lifelong education, and training that can help you improve your skills, keep current, and reach your goals in a competitive industry.

## SACHe CERTIFICATION

[www.aiche.org/sache](http://www.aiche.org/sache)

Build process safety knowledge while you are still an undergraduate. With the Safety and Chemical Engineering Education (SACHe) program, you receive the process safety training industry actively seeks in chemical engineering graduates. Participation is free with your student membership and delivered online through the AIChE Academy — so you can learn at your own pace and place. Successful completion of each module earns you a valuable credential that can give you an edge in today's competitive job market.

## SACHe Safety Certification — Doing a World of Good

[www.aiche.org/saferworld](http://www.aiche.org/saferworld)

The SACHe certification program is part of the Center for Chemical Process Safety (CCPS) Undergraduate Process Safety Learning Initiative and a core priority of the AIChE “Doing a World of Good” campaign. Spearheaded by industry, academia and AIChE, the global initiative is helping to accelerate undergraduate process safety learning and better prepare all graduating bachelor-level chemical engineers for the workforce.

AIChE® thanks the following Founders’  
Circle companies for their leadership support:

### Benefactors\*



### Underwriter\*



### Patrons\*



\*as of March 31, 2018

# ONLINE PUBLICATIONS

[www.aiche.org/publications](http://www.aiche.org/publications)

Stay on top of the latest changes in chemical engineering industries with these online publications, free to student members.

## ● **CEP Chemical Engineering Progress®**

[www.aiche.org/cep](http://www.aiche.org/cep)

Want the latest information on chemical engineering developments and breakthroughs? *Chemical Engineering Progress* (in print and online) is packed with practical information, insight on technical issues, career advice and guidance that you can apply to current or future projects. Archived issues are available online dating back to 2001. Read the current issue of *CEP* online or download feature articles as PDF files for your personal reference.

## ● **NEW! CEP Mobile App**

[www.aiche.org/cepapp](http://www.aiche.org/cepapp)

*CEP* now has a mobile app available for download on the Apple and Android platforms. Read all issues on mobile phones and tablets, beginning with the January 2017 issue — whenever you want and wherever you go. Download in the app store now!

## ● **AIChExchange**

[www.aiche.org/resources/newsletters](http://www.aiche.org/resources/newsletters)

Make the most of your membership benefits with this essential guide to AIChE's upcoming events.

## ● **AIChE SmartBrief**

[www.aiche.org/smartbrief](http://www.aiche.org/smartbrief)

Why slog through piles of journals to see what's happening in your field? You can get news at a glance — handpicked from hundreds of publications — in this weekly summary of stories and trends of special interest to members of the chemical engineering profession. Includes featured job postings for chemical engineers every week.

## WEBINARS

[www.aiche.org/archivedwebinars](http://www.aiche.org/archivedwebinars)

Free, unlimited access to the AIChE Academy's archived webinar library, featuring thousands of presentations on technical subjects and career skills — as well as AIChE conference sessions.

## AIChE eLIBRARY

[www.aiche.org/elibrary](http://www.aiche.org/elibrary)

Looking for an authoritative source of technical information for chemical engineers? The AIChE eLibrary is continually growing to meet your research and coursework needs.

Enjoy fast, interactive online access to 300 textbooks, handbooks, standards and databases — including expansive materials and compound databases, on-demand training videos, graphing tools and more as you manipulate, share and integrate verified data into your research. And, the eLibrary's mobile app is fully integrated with your research and saved materials so you can access your projects on demand.

## THE STUDENT POCKET HANDBOOK

[www.aiche.org/studenthandbook](http://www.aiche.org/studenthandbook)

The AIChE Student Pocket Handbook is now available as a free mobile app on Apple and Android platforms. Visit the App Store or Google Play and download today to start searching and bookmarking all of the technical facts, data, and formulas you need right on your phone.

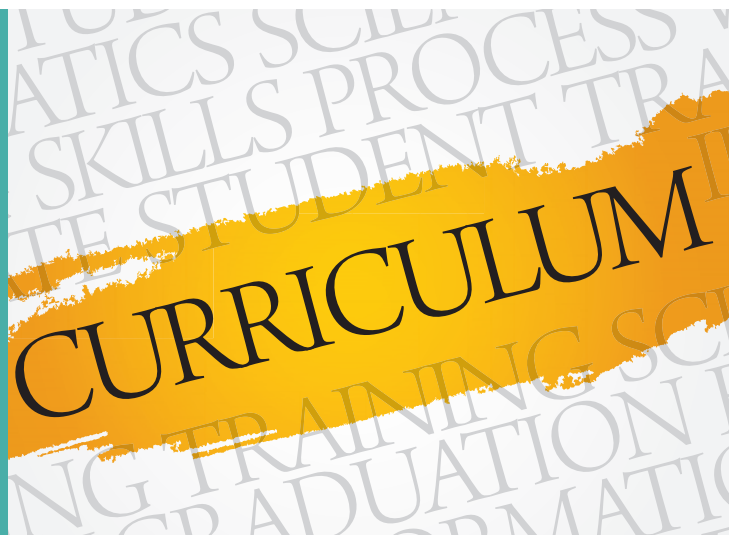
## AIChE ACADEMY

[www.aiche.org/academy](http://www.aiche.org/academy)

Advance your technical skills and knowledge as you transition from student to professional. At the AIChE Academy, you'll find the training and continuing education resources you need to support your professional development — all in one place.



# Get a helping hand on fundamentals with Webinars in the AIChE® Academy Webinar archive.



Sophomore, Junior or Senior, there's a webinar that can help you get up to speed.

Now there's another way to brush up on chemical engineering fundamentals.

The AIChE® Academy has assembled two bundles of webinars that parallel the core chemical engineering curriculum.

**Choose from Upper and Lower Division Bundles to align with your course load.**

These webinars cover fundamental concepts and subjects including Fluid Mechanics, Thermodynamics, Transport Phenomena, Separations, even Process Dynamics and Control. You'll find the webinars include course materials from the textbooks used in many courses. And you'll be able familiarize yourself with your Chemical Engineering courses at the beginning of the semester or quarter.

Best of all, these webinar bundles are FREE for AIChE undergraduate student members.

**View the webinar bundles now at [www.aiche.org/core-courses-bundles](http://www.aiche.org/core-courses-bundles).**

# C'mon Everybody. Get Together!

## 2019-20 AIChE® Student Conferences and Programs



NOVEMBER						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

## Save the Date

### 2019 Annual Student Conference

[www.aiche.org/asc](http://www.aiche.org/asc)

November 8-11, 2019 • Orlando, FL, USA

Four days of career information, social events and competitions. Over 1,500 chemical engineering students from around the globe will be in attendance.

Includes registration to:

### 2019 AIChE® Annual Meeting

[www.aiche.org/annual](http://www.aiche.org/annual)

November 10-15, 2019 • Orlando, FL, USA

Learn from Industry leaders and meet thousands of chemical engineering professionals.

### 2020 Regional Student Conferences

**North Central:** University of Akron

**Northeast:** Northeastern University

**Mid America:** University of Nebraska, Lincoln

**Southern:** Auburn University

**Mid Atlantic:** Virginia Tech

**Pacific Northwest:** Washington State University

**West:** University of California, Davis

**Southwest:** Lamar University

**Colombia:** Universidad Industrial de Santander

### 2020 Annual Student Conference

November 13-16, 2019 • San Francisco, CA, USA

For current dates and details, visit: [www.aiche.org/conferences/student](http://www.aiche.org/conferences/student)

**AIChE**   
ScaleUp

**AIChE**   
The Global Home of Chemical Engineers

# Develop Your Chemical Engineering Network

Connect to people and resources that will help you thrive while you are in school and support your success when you are ready to launch your career. AIChE provides a depth and breadth of resources you're not likely to find anywhere else.

## CONFERENCES

[www.aiche.org/studentconferences](http://www.aiche.org/studentconferences)

Are you ready for four days of career information, social events, competitions and fun? That's just what you'll find when you attend the AIChE Annual Student Conference (ASC). It's a great place to make new friends, explore academic, internship and job opportunities, and start building your chemical engineering network. In 2017, the ASC hosted over 1,600 students — as well as young professionals, AIChE leaders and industry professionals from numerous engineering specialties.

Take a break from your books and come celebrate the chemical engineering profession. Featured events include:

### Career-Planning Workshops

Acquire practical information from AIChE professional members and skilled career coaches to help you plan your career path.

### Student Chapter Workshops

Learn best practices for successful student chapter operations.

### Exciting Competitions

From the Chem-E-Car Competition® to ChemE Jeopardy, there's always something happening here.

### Keynote Speech

Kick off the conference by enjoying a keynote address that is sure to get you thinking.

### Networking Opportunities

Grow your network of chemical engineering peers and professionals by mingling with over 1,500 conference attendees at various events designed to help you make lasting connections.

### Recruitment Fair

Meet AIChE ScaleUp sponsors, graduate school representatives and corporate recruiters with open positions and internships.

**Plus ... undergraduate students registered for the Annual Student Conference can also attend the professional AIChE Annual Meeting at no extra cost.**





*"Attending the 2017 Annual Student Conference has definitely been one of the best experiences I've had as a Chemical Engineering student. I had the chance to be part of useful workshops and conferences which helped to enrich my contribution to my Student Chapter. The best part was getting to meet people from all over the world who believe in the amazing opportunities that AIChE and a Student Chapter can provide for its members' careers."*

— Johan Sebastian Quintero Rueda  
2018 Student Chapter President  
Universidad Nacional de Colombia – Sede Bogota



*Dr. Bernard A. Harris, former NASA Astronaut and Chief Executive Officer and Managing Partner of Vesalius Ventures, Inc., addressed and empowered conference attendees during the 2017 Annual Student Conference Keynote Speech.*

### **Can't make the AIChE Annual Student Conference?**

No worries. AIChE currently has Regional Conferences taking place in countries around the globe including the USA, China, India and Colombia. To find a conference near you, check out

[www.aiche.org/studentconferences](http://www.aiche.org/studentconferences).



# COMPETITIONS

[www.aiche.org/studentcompetitions](http://www.aiche.org/studentcompetitions)

If you're serious about some friendly competition, these events are always a highlight at both the Annual Student Conference and the regional student conferences. Are you up to the challenge?

## 🕒 Chem-E-Car Competition®

More than 40 student teams from around the world race their chemically powered vehicles at this always-popular competition. Join a team or cheer for your favorites. Teams compete at the regional conferences and winners from each regional conference, along with international teams, compete at the AIChE Annual Student Conference, where they could win up to \$2,000 — and an international title.



*"This competition is an intriguing application of various disciplines including chemistry, electronics, mechanics, programming, etc. It is such a fun and exciting experience to be able to compete with chemical engineers from other universities and being able to see their passion for the competition as well."*

— Nathan Fung Kin Chung  
2018-2019 Student Chapter Vice President  
Hong Kong University of Science and Technology



UC Irvine Chem-E-Car Team, which placed 2nd in the 2017 Chem-E-Car Competition, poses with Cynthia Murphy of Chevron (right), Chem-E-Car Competition and Platinum ScaleUp Sponsor

## ● The AIChE Global Undergraduate Student Video Competition

Sharpen your focus on the world of chemical engineering. Student teams create 2- to 5-minute videos that explain chemical engineering to the general public and inspire high school students to consider a career in chemical engineering. The winner is announced at the AIChE Annual Student Conference in the fall.

## ● Student Design Competition

Gain real-world experience as you tackle a practical assignment, created by chemical engineers, that typifies an authentic working situation that chemical engineers face. Winners present their work at the AIChE Annual Student Conference.

## ● Student Paper Competition

Eager to share your research? The Student Paper Competition provides an excellent opportunity to present your technical paper and receive peer feedback. First-place winners from each of the nine regional competitions present their papers during the AIChE Annual Student Conference.

## ● Poster Competition

[www.aiche.org/postercompetition](http://www.aiche.org/postercompetition)

With 400 posters and over 100 judges last year, the Poster Competition is the largest forum for chemical engineering undergraduates to present their research activity to a professional community. All key areas of chemical engineering are covered, including: sustainability; catalysis and reaction engineering; computing and process control; environmental aspects of chemical engineering; food, pharmaceutical, bioengineering; fuels; petrochemicals; energy; materials; and separations. Don't miss it.



*"I enjoyed being able to present my research to professors from different universities and get feedback. I plan on working on the same project for the rest of my undergrad, and now I have more direction. I also have more validation in the future work of my project."*

— Harrison Landfield  
2017-2019 Student Chapter International Relations Chair  
University of Delaware

## ● ChemE Jeopardy

[www.aiche.org/chemejeopardy](http://www.aiche.org/chemejeopardy)

How well do you know your coursework? The ChemE Jeopardy competition draws on standard chemical engineering subject matter to challenge and confound contestants from schools across the country. Games are held at each of the nine regional conferences in the spring. The winning teams from each regional conference go on to compete for the national championship title at the Annual Student Conference.

# CareerEngineer

[www.aiche.org/careers](http://www.aiche.org/careers)

Planning ahead for your career? Smart move. You'll find internships and jobs at the only job board for chemical engineering undergraduates.

- Access internships and job openings with ScaleUp sponsors and other industry leaders
- Use the Job Alerts feature to automatically receive emails when jobs come up that match your criteria
- **NEW** Take advantage of the résumé critique service anytime you upload a résumé. After opting in, an email will be sent to you outlining your strengths and weaknesses, with suggestions on how to ensure that you have the best chance of getting the interview.

## ChEnected BLOG & SOCIAL MEDIA

[www.aiche.org/chenected](http://www.aiche.org/chenected)

Created for and by young professional chemical engineers, ChEnected is a unique online community where you can read, contribute, and engage with everything ChemE. See what's trending, find mentors and gain exposure to hiring companies. "Blog on" and you could become a regular contributor.

## AIChE ENGAGE STUDENT CENTRAL

[engage.aiche.org](http://engage.aiche.org)

This exclusive, new undergraduate student discussion forum allows you to connect with other AIChE student members from around the world. You can post questions about your chemical engineering studies, career goals, or best practices for your student chapter. You can also help other students by answering their questions and even chat about the upcoming Annual Student Conference and other undergraduate student events. You can also find and share helpful resources in the Student Central Library.

## VOLUNTEER CENTRAL

[www.aiche.org/volunteer](http://www.aiche.org/volunteer)

Looking for new ways to get involved? Now all of AIChE's volunteer opportunities will be posted in the AIChE Engage Volunteer Central platform. Check out all the opportunities to get involved today!

### Are you connected?

[www.aiche.org/socialmedia](http://www.aiche.org/socialmedia)



Meet fellow students and professionals on AIChE's Facebook and LinkedIn pages. You can build an online presence, connect with others, and find professional opportunities in the chemical engineering community. You can also send in photos of your Student Chapter activities to be shared on the official ChEnected Snapchat account!

## LOCAL SECTIONS

[www.aiche.org/localsections](http://www.aiche.org/localsections)

Network with peers, young professionals and local industry engineers at regular meetings. Attend technical seminars, training courses, plant tours, networking events and roundtables on local issues. With nearly 90 local sections throughout the United States — and in Saudi Arabia, Egypt, Singapore, Monterrey Mexico and Canada — these grassroots groups make it easy to stay connected close to home.

## VIRTUAL LOCAL SECTION

[www.aiche.org/virtual](http://www.aiche.org/virtual)

And if you can't find a local section close to home, the Virtual Local Section isn't limited by geography. Visit the webpage to find out more.

## DIVISION AND FORUM MEMBERSHIPS

[www.aiche.org/divisionsforums](http://www.aiche.org/divisionsforums)

Enjoy free membership in up to two AIChE technical divisions or forums and connect with professionals who share your interests. Choose from 22 technical groups specializing in fields from environment to nuclear engineering to sustainability. AIChE divisions and forums are an excellent way to stay up to date on trends and further your career development. Which are right for you?

### 🕒 Divisions

Catalysis & Reaction Engineering*	Management
Computing & Systems Technology	Materials Engineering & Sciences
Education*	Nuclear Engineering*
Environmental*	Process Development*
Food, Pharmaceutical & Bioengineering*	Safety & Health
Forest Bioproducts*	Separations*
Fuels & Petrochemicals*	Transport & Energy Processes*

### 🕒 Forums

Chemical Engineering & the Law	Pharmaceutical Discovery, Development & Manufacturing
Computational Molecular Science & Engineering*	Sustainable Engineering*
Nanoscale Science & Engineering*	Upstream Engineering & Flow Assurance*†
North American Mixing*	
Particle Technology*	

\* Includes free membership in AIChE's Center for Energy Initiatives (CEI).

† Not eligible for free membership. Students pay \$18 (USD).



*He's not the only  
chemical engineering student to participate  
in a process safety think tank...*



...but one of  
these days,  
one of his  
ideas could  
help make  
process safety  
disasters  
ancient history.

# INDUSTRY TECHNOLOGY GROUPS

[www.aiche.org/technicalsocieties](http://www.aiche.org/technicalsocieties)

AIChE Industry Technology Groups allow industry, academia and government representatives to collaborate and leverage resources for research, technology transfer and other activities.

## ● Process Safety

### **Center for Chemical Process Safety (CCPS)**

CCPS, a corporate membership organization, plays a vital role in advancing process safety excellence in our workplaces and communities. Member companies help make improving process safety a reality.

### **Safety and Chemical Engineering Education (SACChE)**

Created by CCPS to increase process safety knowledge among chemical engineering graduates, SACChE provides curriculum materials and problem sets to undergraduate educators and professionals focusing on fundamental technical subjects for chemical engineers. These are available through the AIChE Academy.

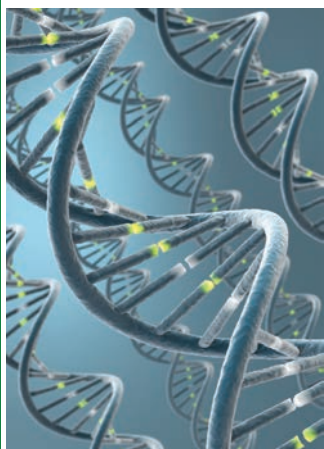
## ● Biological and Metabolic Engineering

### **International Metabolic Engineering Society (IMES)**

Join with fellow researchers to promote and advance metabolic engineering as an enabling science for the bio-based production of materials, pharmaceuticals, food ingredients, chemicals and fuels.

### **Society for Biological Engineering (SBE)**

Join leading engineers and scientists at the crossroads of biology and engineering as they work together to drive innovation in biological engineering, synthetic biology and bioprocessing for a wide range of applications for biopharmaceutical, biomedical and biomolecular advances.





## ● Sustainability and Energy

### **Center for Energy Initiatives (CEI)**

Interested in the design and development of energy solutions? CEI provides an invigorating platform for professionals who want to apply their best practices and leadership to impact the energy issues of the day.

### **Institute for Sustainability (IfS)**

IfS serves the needs of engineers and scientists in all fields by providing a forum to share ideas, advocate policy change and influence research and development efforts. Get involved to help shape the future of sustainability and green engineering.

### **International Society for Water Solutions (ISWS)**

Bring your passion and expertise to this global community of engineers and scientists working on research and technology that provides critical water solutions to the world.

## ● Entrepreneurship and Innovation

### **Center for Innovation and Entrepreneurship Excellence (CIEE)**

CIEE supports the professional development of chemical engineers and other scientists or engineers working with and in scientific, applied and professional entrepreneurship, innovation and creativity.



# Scholarships and Awards

[www.aiche.org/studentawards](http://www.aiche.org/studentawards)

Earning professional recognition and rewards for your accomplishments is a big deal. As an AIChE student member, you can enrich your résumé with AIChE scholarships and awards valued at more than \$50,000 (USD), if you qualify.

AIChE scholarships and awards recognize academic accomplishments, student chapter achievements, innovation, and diversity. And they're available exclusively to AIChE student members and chapters. In addition to the recognition, the extra financial support you'll receive will help cover essential expenses like books and tuition.

## INTERNATIONAL STUDENT CHAPTER LEADERSHIP DEVELOPMENT GRANT

[www.aiche.org/internationalstudenttravelgrant](http://www.aiche.org/internationalstudenttravelgrant)

Developing international undergraduate student chapters is one of the cornerstone initiatives in AIChE's plan to increase its global presence, recruit international members and serve the profession as it is practiced throughout the world. Since its inception in 2014, the AIChE Foundation sponsored International Student Chapter Leadership Development Travel Grant has funded travel for 28 international students from 21 student chapters across 16 different countries to attend the Annual Student Conference. Here's what one travel grant recipient had to say:



*"The ISCLDTG program was life changing for me. I got to attend the 2017 Annual Student Conference through the VIP gate, sit on VIP seats, and had the chance to have fruitful conversations with AIChE leaders, and seek advice from the top-ranked universities' professors, and industry professionals. I made friends with the other grantees who are the most promising young leaders in their countries. We shared valuable memories, and a special interview with AIChE."*

*The benefits of ISCLDTG program didn't end with the ASC. I also got to join the Executive Student Committee (ESC), where I was promoted to be the Global Director. In addition to the good effect it leaves on resume, being a ISCLDTG recipient also helped me receive other scholarships and get higher internships."*

— Ahmad Yousry Muhammad Elshhat  
2018-2019 Executive Student Committee, Global Director  
Cairo University



# Exclusive Member Savings

[www.aiche.org/memberservices](http://www.aiche.org/memberservices)

From exclusive member savings at your favorite stores to car rentals, and hotels, your AIChE student membership comes with loads of valuable extras that make your downtime more enjoyable.

## Big project coming up?

### Dell® Technology Product Discounts

<http://www.dell.com/learn/us/en/04/campaigns/aiche>



AIChE and Dell are partnered to offer the AIChE community savings up to 40% on the regular price of Dell computer systems and a wide range of Dell branded technology products. The AIChE discounts program will also feature seasonal offers on select products. Use your AIChE ID and get healthy discounts at the Dell-AIChE benefits marketplace.

\*Currently available for US market only

### New AIChE UPS® Program Delivers Savings & Speed

<http://www.savewithups.com/aiche/>



Take advantage of competitive rates using AIChE UPS® shipping services. New AIChE discounts help you save on a broad portfolio of shipping services including Air, Ground, NextDay, UPS Worldwide Express® export, and International imports and export services.

### Office Depot®

[www.aiche.org/office-depot](http://www.aiche.org/office-depot)



Save up to 80% on preferred products and print services. More than 93,000 products are discounted. What do you need today?

## Looking for Health Insurance Options?

### Dental Insurance

[www.aicheinsurance.com](http://www.aicheinsurance.com)



Plan for What Matters Most

Group dental coverage, provided by Met Life, is one of the most popular insurance benefits offered today. With our plan, you get quality preventative care and freedom to choose a dentist.

## Got student loans?

### Student Loan Refinancing Program

[www.aiche.org/credible](http://www.aiche.org/credible)



When you are ready, free up cash as you pay down your student loans with AIChE's Credible Credible Student Loan Refinance Program.

It takes less than 2 minutes to find out if you are overpaying on your student loans using Credible's online marketplace. Totally free to use, Credible saves the average user almost \$19,000/year over the life of their loan. Plus, you get real rates — not ranges of rates — from multiple lenders. Checking your rates will not affect your credit score so when you are ready, visit the AIChE Credible website to learn more and access other useful information like financial management tips.

## Shopping around for a good deal?

### Azigo Online Shopping Mall

[www.aiche.org/azigo](http://www.aiche.org/azigo)



Earn cash back at popular stores — including Kohl's®, Target®, Nordstrom®, Barnes & Noble®, Sephora®, and more — at this popular online shopping mall.

## Planning a vacation?

### Travel Benefits

[www.aiche.org/travelbenefits](http://www.aiche.org/travelbenefits)



Save up to 40% on hotels and car rentals worldwide with AIChE Local Hospitality network, and regional discounts on Avis® and Hertz® auto rentals, too. Spring break, anyone?

Access member rates when you enroll in the AIChE Emergency Assistance Plus (EA+) program, which offers a wide range of vital services that your health insurance generally will not cover when you travel away from home.

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# AIChE Young Professional (YP) MEMBERSHIP BENEFITS

## Belong to Something Bigger with AIChE



At AIChE, we know that graduating with a Chemical Engineering degree is no small feat. That is why AIChE is dedicated to helping you be the best you can be, at every stage of your career as a professional Chemical Engineer.

In keeping with this commitment, AIChE is excited to announce that the AIChE Board of Directors is gifting recently-graduated AIChE student members with their **first year of Young Professional (YP) membership at no charge**. We hope that you will take advantage of all the AIChE benefits for Young Professional members and continue to belong to something bigger. Bigger ideas. Bigger networks. Bigger paths for career advancement. Belong to AIChE, the global home of chemical engineers.

### Young Professional MEMBERSHIP DUES

Membership Level	Dues per Year
1st year YP	\$0
2nd year YP	\$50
3rd year YP	\$100
4th year YP	\$150
5th year YP	\$199*
Graduate Student	\$50

\* Annual professional membership dues

### Young Professional Membership Benefits at a Glance

As you begin your career, continue to access a vast array of technical information, educational opportunities and career tools developed for your professional growth. The many benefits of belonging to this chemical engineering community include:

- Technical information in the form of **webinar bundles**, **CEP article bundles** and **conference proceedings tailored for First Year Professionals**
- Opportunities to expand your network by joining a **Division or Forum** in your specialty area, your **Local Section** and the **Young Professionals Committee**
- Members only rates to attend **AIChE conferences**
- **AIChE career resources** and online leadership trainings
- Keeping up to date on new developments in the chemical engineering profession through **CEP magazine**, and via **AIChExchange**, the AIChE YP Newsletter and **Smart-Brief** electronic newsletters
- Belonging to the supportive **global network** of 60,000+ members

### AIChE Young Professionals Committee Volunteer Opportunities

Volunteer with the AIChE Young Professionals Committee through its various subcommittees focusing on:

- Publications
- YP Retention & Recruitment
- Conference Programming
- Local Sections
- AIChE's Beer Brewing Competition

Contact YPC's leadership at [ypc@aiche.org](mailto:ypc@aiche.org) or go to [www.aiche.org/volunteer](http://www.aiche.org/volunteer) and begin volunteering today!

**American Institute of Chemical Engineers**

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[www.aiche.org/phone](http://www.aiche.org/phone) (Outside U.S. Toll-Free Numbers)

[studentchapters@aiche.org](mailto:studentchapters@aiche.org)

[www.aiche.org](http://www.aiche.org)

