



STUDENT MEMBERSHIP BENEFITS AND SERVICES



*She's not the only
chemical engineering student to pursue
a career in nanobiotechnology...*



...but one of these days, she may be part of a team that designs a polymer that can be safely introduced into the human body to help detect tumors and other health problems.

GET MORE. DO MORE.

In today's competitive job market, you need professional support to guide you on your journey and help you reach your destination. AIChE provides the breadth of resources and expertise you can count on to jump-start a bright future in chemical engineering.

As a student member of AIChE you are now a part of the world's premier nonprofit organization run by chemical engineers, for chemical engineers, with the collective power of 45,000 members, including 15,000 student members in over 200 student chapters.

Take advantage of your AIChE student membership and connect to people and resources that will help you thrive while you are still in school and succeed when you are ready to launch your career.

AIChE gives you your first professional credentials, exciting networking and mentorship opportunities, valuable educational and technical resources, career services — all the tools you need to reach your goals, all in one place.

www.aiche.org/students

Discover the Benefits of Belonging



CONFERENCES

www.aiche.org/studentconferences

Take a break from your books and make professional connections that last a lifetime. When you attend an AIChE conference, you'll learn about new developments in sustainability, process safety, biotechnology and more as you network with industry experts, young professionals, AIChE leaders and fellow student engineers.

ANNUAL STUDENT CONFERENCE & THE AIChE ANNUAL MEETING

Held in conjunction with AIChE's professional Annual Meeting, the Annual Student Conference features career information, social events, competitions and fun, with students from over 100 schools around the world celebrating the chemical engineering profession.

It's a great place to make new friends, explore academic, internship and job opportunities, and start building your professional ChemE network. Annual Student Conference registration also includes registration to the AIChE Annual Meeting.

Discover the benefits of belonging...

- Recruitment Fair
- Student Chapter Workshops
- Career Planning Workshops
- Poster Competitions
- One-on-One Career Consultations
- Chem-E-Car™ Competition

SPRING MEETING STUDENT PROGRAM & THE AIChE SPRING MEETING

Jump-start your career planning during two days of roundtable and panel discussions, keynotes and technical sessions. Practice your networking skills with high-level professionals, meet with ScaleUp student membership sponsors and attend social events with young professionals. You also have access to the full Spring Meeting — attend and expand your professional network. Connect with people now who can help you get started in a career you'll love later.

STUDENT REGIONAL CONFERENCES

With nine regional conferences across the United States, there's bound to be one near you. Take advantage of special opportunities to present your research, attend workshops, or participate in the regional Chem-E-Car™ and other competitions. Build your network close to home with relationships that one day could take you far.

Photo by Alan J. Steiner



CareerEngineer

www.aiche.org/careers

Find internships, jobs and practical training at the only job board for chemical engineering undergraduates.

- Access internships and job openings with ScaleUp sponsor companies and other industry leaders
- Post your résumé online — AIChE members are placed at the top of the list, so employers see your résumé first
- Use the “Job Alerts” feature to automatically receive emails when jobs come up that match your criteria

SCHOLARSHIPS AND AWARDS

www.aiche.org/studentawards

AIChE administers more than 50 scholarships and awards that celebrate scholarly accomplishments, student chapter achievements, innovation, and diversity. Enrich your résumé with honors and awards valued at more than \$50,000.

Earning professional recognition for your hard work and achievements is a big deal. AIChE scholarships and awards make your résumé stand out by showcasing your unique qualifications to potential employers. And the extra financial support you receive can help contribute to essential expenses like tuition and books while you're still in school.

*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.

COMPETITIONS

www.aiche.org/studentcompetitions

Are you serious about a little friendly competition? Whether you'd like to create a mobile app or present a technical paper, AIChE competitions provide valuable experience that you can add to your résumé, and excellent talking points you can use during interviews to distinguish yourself from other job applicants. They're also a lot of fun. These competitions are a highlight at AIChE's conferences. Are you up for the challenge?

Chem-E-Car™ COMPETITION

Start your engines! Compete with a team and build a chemically powered vehicle that meets competition criteria. Teams compete at the regional conferences and winners from each regional conference, along with international teams, will compete at the AIChE Annual Student Conference, where they can win up to \$2,000.

STUDENT DESIGN COMPETITION

Gain real-world experience as you tackle a practical assignment, created by chemical engineers, that typifies an authentic, working chemical engineering situation. 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 prize-winning papers during the AIChE Annual Student Conference in the fall.

ChEnected

chenected.aiche.org/students

Where chemical engineers mix it up.

Created for and by young professional chemical engineers, ChEnected is a unique online community where you can read, contribute and engage with everything ChemE. Learn about the latest trends, find mentors, engage with other engineers, and gain exposure to hiring companies. “Blog on” and you could become a guest contributor.

AICHe MENTOR CENTER

www.aiche.org/mentorcenter

Need advice? Investigating career options? Trying to choose a field of study? Students, young professionals, and even experienced engineers come to the Mentor Center to make career connections. Sign up and find a dedicated professional who will support your success.



*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.



PEOPLE & COMMUNITY

www.aiche.org

The AIChE Community is your personal portal to all the benefits of membership.

Discover the benefits of belonging...

- Learn from industry experts and AIChE leaders
- Connect with members, young professionals, local sections, and others who share your interests
- Gain access to an extensive collection of technical information
- Find online tools to help you manage your career development and personal finances

EXECUTIVE STUDENT COMMITTEE

www.aiche.org/esc

Develop the leadership, collaboration, negotiation and facilitation skills employers value as you support and help improve your student chapter. The Executive Student Committee (ESC) is a resource for open communication between student chapter presidents, advisors and professional members. It's a terrific credential to add to your résumé — and an outstanding opportunity to build highly desirable management and people skills and demonstrate to future employers that you've got the experience to be a leader in their organization.

PEOPLE & COMMUNITY (CONTINUED)

www.aiche.org

AIChE makes it easy to meet like-minded people, build new alliances and develop a professional network you can enjoy and rely on wherever you are in your studies, your career, or the world. The only thing you have to do is **get involved**. Take advantage of your student membership and join a committee, local section or technical division or forum to start making connections.

LOCAL SECTIONS

www.aiche.org/localsections

Network with peers, young professionals, and local industry engineers. Attend technical seminars, plant tours, and roundtables on local issues. With nearly 90 local sections throughout the United States — and in Saudi Arabia, Egypt, and Canada — these groups make it easy to stay connected. Looking for something online? Join the AIChE Virtual Local Section.

YOUNG PROFESSIONALS COMMITTEE

www.aiche.org/ypc

Learn about AIChE after graduation.

AIChE's Young Professionals Committee (YPC) provides unique opportunities to student members who are transitioning from college to career, including networking, leadership and professional development, internships and apprenticeships, and much more. As a YPC member, you can help run local sub-sections especially for young professionals, and contribute to technical and social programming for AIChE conferences.

DIVISION AND FORUM MEMBERSHIPS

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. It's an excellent way to stay up-to-date on trends and further your career development.

Divisions:

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

Forums:

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

*Includes free membership in The Center for Energy Initiatives (CEI).

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



EDUCATION RESOURCES

www.aiche.org/resources/education

Advance your technical skills and knowledge as you transition from student to professional with resources like these— available 24/7, from anywhere in the world— that support your personal and academic development.

SAChE CERTIFICATION

www.aiche.org/sache

Build process safety knowledge while you are still an undergraduate. The Safety and Chemical Engineering Education (SAChE) program is free with your AIChE student membership and 100% online — so you can access it anytime and learn at your own pace. Successful completion of each program earns you a valuable credential that can give you an edge in today's competitive job market.

Discover the benefits of belonging...

- Add your SAChE certifications to your résumé — prove to employers that you have process safety training beyond your undergraduate degree
- Gain proficiency in process safety education you can use for your studies now and on the job later
- Stay up-to-date on the same process safety standards used by top chemical engineers in every industry
- Learn from the best — the SAChE Certificate program was developed by process safety experts from industry and academia so you can be sure your training meets the highest standards



AIChE eLibrary **www.aiche.org/elibrary**

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

Discover the benefits of belonging...

- Enjoy fast, interactive online access to more than 500 textbooks
- Tap the latest research findings and conference reports from the world's leading publishers
- Gain anytime, anywhere online access to Perry's Handbook, McGraw-Hill's AccessEngineering, and the Knovel Life Sciences library collections, plus many other interactive references, handbooks, standards and databases

ChemE on Demand **www.aiche.org/chemeondemand**

Gain free, unlimited access to AIChE's archived digital library, featuring more than 2,000 presentations on technical subjects and career skills — including webinars and meeting sessions.

ONLINE PUBLICATIONS

www.aiche.org/publications

Stay up-to-date on the latest changes in chemical engineering industries with these online publications, available to student members.

CHEMICAL ENGINEERING PROGRESS (CEP) **MAGAZINE**

www.aiche.org/cep

AIChE's flagship publication brings you the latest developments in both cutting-edge and mature technologies, plus business news, career advice and insight on technical issues.

AIChEXCHANGE

www.aiche.org/resources/newsletters

Stay current on upcoming events that can enhance your member experience with AIChE's monthly e-newsletter.

AIChE SMARTBRIEF

www.aiche.org/smartbrief

Get news at a glance — handpicked from hundreds of publications — in this weekly news summary of stories and trends of special interest to members of the chemical engineering profession.

THE STUDENT POCKET HANDBOOK

www.aiche.org/studenthandbook

Put an expert in your pocket with this handy reference to technical facts and fundamental data and formulas — available to members only.

He's not the only

chemical engineering student passionate about environmental stewardship...



...but one day
he could help
design and
engineer
process safety
operations
that minimize
environmental
pollution and
protect our
planet for
future
generations.

LIFE AFTER SCHOOL EXPLAINED

Hone life skills rarely taught at school but necessary after graduation, including dinner etiquette, money management, taxes, insurance and more with this book, free to AIChE student members.

DISCOUNTED FINANCIAL BENEFITS

www.aiche.org/resources/member-services

As a member of AIChE, you are part of an elite worldwide professional community. In addition to providing its members with an array of professional benefits and training, AIChE also offers savings on exclusive personal financial benefits and insurance plans, including dental insurance, discounted office supplies, travel services, shipping, car rental, retail shopping and more.

ARE YOU CONNECTED?

www.aiche.org/socialmedia

It's easy to meet fellow students and professionals on AIChE's Facebook and LinkedIn pages. Build an online presence, connect with others and find professional opportunities in the chemical engineering community.



AIChE Gratefully Acknowledges These ScaleUp Sponsors for Their Generous Support

Platinum



Gold



CORNING



The miracles of science™



MERCK



A Honeywell Company

Sponsors as of August 1, 2014

Thank you for helping to engage and enrich
the next generation of chemical engineers.

To learn about the AIChE ScaleUp program,
visit www.aiche.org/scaleup.





Get more. Do more. Visit **www.aiche.org/students** today.

American Institute of Chemical Engineers

PO Box 4429, Danbury, CT 06813-4429

Tel (US): 800.242.4363 / (outside US) 203.702.7660

Fax: 203.775.5177

customerservice@aiche.org

www.aiche.org