

Your Membership Benefits and Services

AIChE



The Global
Home of
Chemical Engineers

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He's not the first
researcher to investigate
renewable fuels.
But he could be the
first person to develop
a scalable solution
smoothly integrating
renewable energy into an
electrical grid.

AIChE 
The Global
Home of
Chemical Engineers

Discover the Benefits of Belonging



Get more. Do more.

In today's rapidly changing world you need the best support you can find. Support like technical information that keeps you up-to-date on the latest developments. Career support and tools that can sharpen your soft skills while helping you manage your career progress. The support that comes from having a global network of professional connections.

You need a resource you can rely on when you want to discuss trends, exchange ideas and gain inspiration. And a connection to an ever-expanding world where the people you meet are likely to share not just your passion for excellence, but your lifestyle, commitments and other interests.

As a member of AIChE, you are now a part of an elite worldwide community recognized as the global leader of the chemical engineering profession. AIChE is the world's premier nonprofit organization run by chemical engineers, for chemical engineers.

Your skills and knowledge combined with unique tools and the collective power of more than 45,000 members in 99 countries can open the door to unlimited possibilities. Make the connection.

Discover the benefits of your membership and discover how the opportunities available as an AIChE member can help you achieve your goals.

www.aiche.org

She's not the only chemical engineer working on artificial organs and implants. But together with a team at the interface of engineering, science and medicine, she may be the first to perfect a process that could make a difference in the life of you or a loved one.



Information Resources

Technical and Professional Information, 24/7

AIChE ChemE on Demand

You need information — to excel at your job, to develop new skills, to achieve financial security.

AIChE ChemE on Demand brings that information to you. Choose from more than 2,000 dynamic presentations on technical subjects and business skills taught by industry experts. ChemE on Demand delivers content from AIChE webinars and conferences.

Missed the live webinar? Click and you're watching it, on your time.

Couldn't attend a meeting? Click for meeting session archives.

Free Content just for AIChE members. The amount of information available through ChemE on Demand is growing fast — with new content added continually. So visit ChemE on Demand often to see what's new. Professional Members get six (6) free credits for ChemE on Demand. Credits can be used toward live or archived content, with permanent access to content selected.

Credits can be used in fractions, extending the amount of content you can access. Individual papers can be accessed for as little as a half credit. Select webinars and archives are "free" and don't count toward credit usage. Credits expire on December 31 of each year. Used your six credits? You can still get content at the special low member's price.

AIChE eLibrary

Looking for an authoritative source of specialized information that meets your research needs? The AIChE eLibrary provides powerful, interactive online access to more than 300 full-text books, handbooks, standards and databases through the Knovel Life Sciences and the McGraw-Hill AccessEngineering Library collections. The advanced search engine lets you scour every source in the eLibrary for the subject matter you need. Plus, much of the data is enhanced with unique analytical tools such as live tables and equations, digitized graphs, a graph plotter and unit converter for easy manipulation. There really is no stronger tool available 24/7 for chemical engineers today.

Information
Keep up-to-date on research and trends

Discover the benefits of belonging . . .

- ◆ Tap an unprecedented repository of technical information targeted to your research needs
- ◆ Broaden your point of view or gain new perspective on work in progress
- ◆ Explore the latest research findings and conference reports from the world's leading publishers

AIChE SmartBrief

AIChE SmartBrief is your weekly e-news guide to top stories and information of special interest to chemical engineers. SmartBrief summarizes important news about the industries employing chemical engineers — from hundreds of publications — keeping you up-to-date.

- ◆ Know about the people and policies affecting chemical engineers around the world today
- ◆ Get the research you need instantly from an authoritative source you know and trust

AIChExchange

Keeping abreast of AIChE activities is easy with AIChExchange, the Institute's monthly e-newsletter. Designed to deliver a quick overview of upcoming events and items that can enhance your member experience.

Publications

If you're looking for in-depth coverage on a particular topic, AIChE's vast library of books, magazines, software programs, downloads and journals provide an unequalled information resource for chemical engineers in every field.

Your membership entitles you to substantial savings on all AIChE publications, including:

- ◆ *AIChE Journal* — monthly peer-reviewed journal that examines groundbreaking research in chemical engineering and related fields
- ◆ *Biotechnology Progress* — a must-read for engineering advances in the life sciences
- ◆ *Environmental Progress & Sustainable Energy* — quarterly coverage of the expanding environmental and sustainability fields, including energy in light of climate concerns

- ◆ *Process Safety Progress* — delivered quarterly, with crucial updates on advances and compliance issues in process safety
- ◆ *Process Safety Beacon* — monthly one-page resource covering the breadth of process safety issues

In addition, AIChE's online publication catalog is the fastest way to search for books. AIChE's partnership with John Wiley & Sons brings you a collection of comprehensive chemical engineering resources — all at a 20 percent member discount from list prices.

Chemical Engineering Progress (CEP)

What's hot and what's not in chemical engineering? Find out in *Chemical Engineering Progress (CEP)*, AIChE's flagship publication. CEP brings you the latest developments in both mature and cutting-edge technologies. With CEP, you'll keep up-to-date and in the know, month in and month out, through articles and commentary you simply won't find anywhere else.

Discover the benefits of belonging . . .

- ◆ Keep up-to-date on the year's most important research findings
- ◆ Acquire information on successful applications of new technologies
- ◆ Get a jump on trends, compliance issues and pending regulations

Career Tools

Take Your Career to the Next Level

Is your career moving in the right direction? Are you looking for ways to make your current job more rewarding or considering a change? Knowing when to make a career move — and where to go — is a lot easier with AIChE Career Tools on your side.

CareerEngineer

The leading e-recruitment source for chemical engineers in every field, and now it's even better than before.

- ◆ Open your personal account to store your cover letters, posts, communications with employers and notes from your job search
- ◆ AIChE Members are placed at the top of the list so employers see you first
- ◆ Set up your anonymous profile so employers come to you, discreetly

- ◆ Use Job Alerts feature to get emails when matching jobs post
- ◆ Find jobs and internships on CareerEngineer

Whether you are an entry-level engineer, a middle manager or a senior-level professional ... whether you work in industry, government or academia ... in a core or emerging chemical engineering field, AIChE can help you make the connections that matter most to advance your career.

Online Career Fairs

You'll always have unparalleled networking support with Online Career Fairs. Connect with leading employers recruiting for entry level to experienced position openings that you won't find on general job boards. Whether you're an active jobseeker or looking for your next and better opportunity, AIChE is the best source for targeted jobs that fit your career goals and qualifications.

AIChE Mentor Center

Get professional support ... and professional rewards ... as you make career connections through the AIChE Mentor Center.

- ◆ Sign up to find a dedicated professional who will support your success
- ◆ Register to serve as a mentor and share the lessons you've learned
- ◆ Open your account as both a mentor and mentee: it's easy and quick
- ◆ Create your own calendar and time to mentor
- ◆ Both mentors and mentees select the right match

Professional Connections

Meet Local, National and Global Colleagues

Local Sections

Do you prefer to be behind the scenes or behind the podium? Would you rather attend a plant tour or a technical seminar? With more than 100 Local Sections throughout the United States, Puerto Rico, The Netherlands/Belgium, Saudi Arabia, Singapore, Thailand, India and Canada, these "grassroots" groups provide chemical engineers at all career levels with opportunities for learning, affiliation, personal and professional growth and leadership. For AIChE Members without access to a Local Section, there's the Virtual Local Section, your grassroots support system online.

Technical Divisions & Forums

Whatever your area of expertise, Technical Divisions & Forums offer unprecedented opportunities to expand professional networks, gather state-of-the-art information and further career development.

Forums

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

Divisions

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

**Includes Free Membership in The Center for Energy Initiatives (CEI).*

People & Community

The only chemical engineering professional social network on the web. Members can find and connect with other members, stay up-to-date with professional friends and colleagues using AIChE messaging, post a public comment on another member's message board to start a conversation (or just to say hello), upload photos, and more. Start using this one-stop shop for chemical engineering content.



Technological Communities

Center for Chemical Process Safety (CCPS)

CCPS plays a vital role in advancing the practice of process safety to protect our workplaces and communities. As an employee of a corporate member, you'll benefit from participating in the development of process safety guidelines used by all of industry. CCPS also offers exclusive programming at four Technical Steering Committee meetings per year, and numerous Regional Committee meetings in Asia, Australia, Europe, and Latin America, featuring workshops and specially invited speakers.

Center for Energy Initiatives (CEI)

The AIChE Center for Energy Initiatives is the primary forum for chemical engineers to discuss, learn about and impact energy issues. Chemical engineers have long been involved in the development, design and efficient use of energy and are arguably equipped by training and practice to provide important leaderships to develop solution to energy problems.

Design Institutes for Emergency Relief Systems (DIERS)

DIERS has been improving emergency relief system design techniques to handle runaway reactions. It reduces the frequency, severity and consequences of pressure producing accidents, and develops new techniques which will improve the design of emergency relief systems.

Design Institute for Physical Properties (DIPPR)

DIPPR helps engineers improve productivity and environment health and safety performance. DIPPR, through its corporate sponsors, develops, maintains, and disseminates extensive databases of critically evaluated physical property data. It collects data from a wide range of sources; compares them with other values; and stores them in a powerful database.

Institute for Sustainability (IFS)

Sustainability has emerged as a driving force that is redefining business practices and public policy. Under the auspices of AIChE, 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 that are shaping the future of sustainable and green engineering.

International Metabolic Engineering Society (IMES)

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

International Society for Water Solutions (ISWS)

The International Society for Water Solutions (SWS) is a community to benefit industrial users of water and people that set policy for the industry water use and re-use. Its mission is to encourage inter- and trans-disciplinary collaboration on water related challenges and technologies from all spectrums of chemical engineering.

Safety and Chemical Engineering Education (SACHE)

Created by CCPS to increase process safety knowledge among Chemical Engineering graduates, SACHE provides curriculum materials and problem sets to undergraduate educators. SACHE educational material focuses on fundamental technical subjects that should be integrated into the basic education of chemical engineers with nine modules covering Process Safety.

Society for Biological Engineering (SBE)

Established by AIChE in 2004, the Society for Biological Engineering and its members address the many ways in which biological systems are being applied to existing processes to rapidly transform chemical engineering as we know it.

Discover the benefits of belonging . . .

- ◆ Learn from best practices of colleagues in the field
- ◆ Enjoy “virtual” access to the latest advances and developments
- ◆ Access a wealth of expertise and technical information

Discover
the benefits of belonging

Education Resources

Update Your Technical Knowledge Base

Education & Training

Whether you want to update existing skills or develop new ones, AIChE offers online education courses, on-site training, and other programs to help you get ahead and keep ahead in a competitive market. Both online and on-site courses feature process safety training for process safety professionals at every level, in every industry. In addition, AIChE offers frequent online events on current trends and developments in chemical engineering as well as career topics.

AIChE eLearning Center

Looking to build professional skills and knowledge? Look no further than the eLearning Center. AIChE's online courses, developed by renowned Chemical Engineers as well as other experts, including Process Safety, are all available on-demand so you can take them at your own pace. They can be used to update your knowledge of a subject or as a refresher. All award Professional Development Hours, while others include Continuing Education Units, both which many Chemical Engineers use toward the fulfillment of their license requirements. See each specific course for details.

- ◆ 35 self-paced courses available now — more debuting in 2014
- ◆ Expert instructors
- ◆ Convenient, flexible, competitive
- ◆ Earn CEUs and PDHs

View a list of the current eLearning Center course offerings now.

Instructor-Led Training

Further your ChemE knowledge through classroom style courses. Led by noted experts, these one to three day courses cover subjects from chemical engineering fundamentals to separations to process safety and more. Earn CEUs and PDHs. Courses are scheduled in select cities throughout the year.

Discover the benefits of belonging . . .

- ◆ Learn from experts while you network with peers
- ◆ Discover new ways to optimize the performance of technologies you use every day
- ◆ Explore new trends in sustainability, fuel cells, biotechnology and more
- ◆ Earn CEUs and PDHs toward your professional registration

Conferences

Learn from experts while you network with peers and build new alliances. Learn what's new to help with your current projects. Gain perspective on cutting-edge topics, including sustainability, fuel cells, biotechnology and more.

Attend technical sessions, focused short courses of study and tutorials taught by experts — some of which qualify for PDHs towards your professional registration requirements. And if you're interested in sharing your research, AIChE conferences and annual meetings are an excellent venue for presenting your papers before a global audience.

As a member, you'll save on registration fees with generous discounts and receive special discounts on airfare and car rentals as well. If you attend just one conference each year, the savings covers your annual dues.

Recognition

Your Expertise Appreciated and Applied

Awards

AIChE administers more than 60 awards, including monetary prizes, plaques, medals, scholarships, travel awards and invited lectures. Whether it's an Institute, Board of Directors, committee, Division or Forum, Local Section, Foundation, or student award, AIChE has ways to recognize achievements at all stages of your career. You'll find provisions, eligibility, and nomination processes and forms on AIChE's website..



He's not the f
an assignmen
may be the fr
residency on

the first chemical engineer to accept
assignment in a far-off destination. But he
was the first whose work takes him to a
new frontier: an international space station.

AIChE



The Global
Home of
Chemical Engineers

Shape Future Direction

Are you a natural leader ... a policy maker ... or a mover and shaker? AIChE's committees serve as forums for the initiation of ideas and the development of programs that are responsive to members' needs at local, national and international levels. Think of what you'd like to do — and we'll help you find the perfect fit.

Or perhaps you'd like to present a paper at a conference or seminar, publish your research, or submit a project for an industry award? AIChE provides many prestigious venues and unprecedented opportunities for you to bring your research to the attention of the chemical engineering community and earn the recognition you deserve.

Discover the benefits of belonging ...

- ◆ Extend your influence through committee work with industry leaders
- ◆ Bring your research to the attention of peers
- ◆ Help shape the future of chemical engineering

Financial Benefits

Take Advantage of Special Savings

If company benefits are keeping you from making a career move ... if you're concerned that your dollars just don't buy what they used to ... if you want to do more to secure the future of your family and your business, AIChE offers a comprehensive portfolio of products and services from leading insurance, investment, health and business service providers that are flexible, portable — and available at substantial savings to AIChE members.



Savings

Discover the benefits of belonging . . .

- ◆ Take advantage of member-only group rates on term life, major medical, disability, dental, vision, long-term care, prescription drug and other AIChE-sponsored plans
- ◆ Save on financial planning services to help you reach your investment and retirement goals
- ◆ Enjoy savings and discounts The UPS Store® and with car rentals at Avis or Hertz

AIChE Store

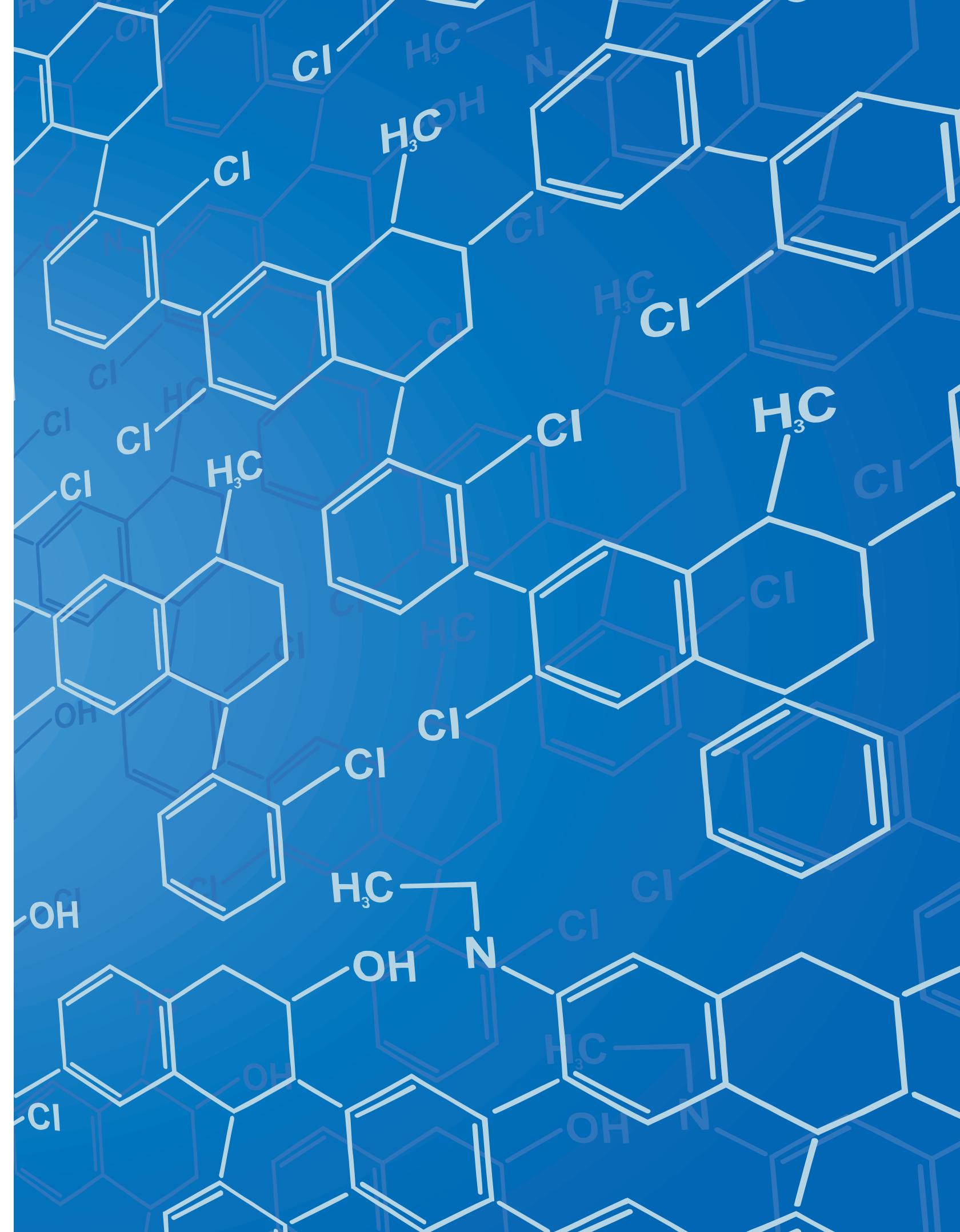
Want to show the world your professional standing? The AIChE online store offers a selection of garments and gift items available with the AIChE logo. From golf balls to gym bags to polo shirts and fleece jackets, there's something for everybody.

Visit today at www.costore.com/aiche.

For more information and details on the wide variety of financial products and services available exclusively to AIChE members, please consult the "Membership Guide to Personal Financial Benefits."

American Institute of Chemical Engineers
PO Box 4429, Danbury, CT 06813-4429 USA
Tel: 800.242.4363 (US) / 203.702.7660 (outside US)
Fax: 203.775.5177
customerservice@aiche.org
www.aiche.org

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