

Your Guide to
Benefits and Services
Developed Exclusively
for Chemical Engineers

AIChE[®]

Member Services

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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[®]

Member Services

*The premier professional society
for chemical engineers.*

Discover the Benefits of Belonging



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 in 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 40,000 members in 93 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.

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.



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Information Resources

Technical and Professional Information, 24/7

AIChE ChemE on Demand

A rich multimedia library, online training center and information forum all in one.

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 hundreds of dynamic presentations on technical subjects and business skills taught by industry experts. ChemE on Demand delivers content from AIChE webinars, conferences, magazines, and newsletters.

[Missed the live webinar training session?](#)

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. Individual papers can be accessed for as little as a quarter credit. Select webinars and archives are "free" and don't count toward credit usage. Credits expire on December 31 of each year. Used your 6 credits? You can still get content at the special low member's price.

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 news of 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.

Information
Keep up-to-date on research and trends

AIChE eLibrary

Looking for an authoritative source of specialized information that meets your research needs? The AIChE eLibrary is expanded to deliver online access to more than 300 full-text books, handbooks, and databases. 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 graphplotter and unit converter for easy manipulation. There really is no stronger tool available 24/7 for chemical engineers today.

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. Every Tuesday, SmartBrief summarizes the most important news about the industries employing chemical engineers — handpicked from hundreds of publications — keeping you up to date.

- ◆ Know about the people and policies affecting chemical engineers around the world today
- ◆ Keep current on the latest technology news that can help chemical engineers on the job
- ◆ 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. Exchange is designed to deliver a quick overview of upcoming events and items that can enhance your member experience.

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
- ◆ Turn on the Job Alerts feature to automatically get emails when jobs post matching your criteria
- ◆ Find a job, and internships on CareerEngineer

CareerToolsPlus!

AIChE's CareerToolsPLUS! helps you prepare for and succeed in your job search, at every stage of your ChemE career. From industry research and international job reports to online training tutorials and webinars available when it's convenient for you, you'll find what you need to hone your search and sharpen skills. Get interview & networking tips. Access business & industry databases. Compare your experience and salary to other professionals in your field. Get updated market, employment and career news.

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 our Online Career Fairs, free for AIChE Members. Connect with leading chemical process industry 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.

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. And for AIChE members without access to a Local Section, check out the new Virtual Local Section, your grassroots support system to grow professionally online, with free membership now through the end of 2011

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 and Engineering*

Nanoscale Science & Engineering*

North American Mixing*

Particle Technology*

Sustainability Engineering*

Divisions

Catalysis and Reaction Engineering*

Computing and Systems Technology

Education*

Environmental*

Food, Pharmaceutical and Bioengineering*

Forest Bioproducts*

Fuels and Petrochemicals*

Management

Materials Engineering and Sciences

Nuclear Engineering*

Process Development*

Safety and Health

Separations*

Transport and Energy Processes*

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

Member Center

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. Visit www.aiche.org/membercenter to 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 a member you'll benefit from participating in the development of process safety guidelines used by all of industry. CCPS offers exclusive programming at four Technical Steering Committee meetings per year, featuring workshops and specially invited speakers.

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.

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.

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

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 five modules covering Chemical Process Safety, Runaway Reactions, Chemical Reactivity, Risk Assessment and Inherently Safer Design.

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 Institutes 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; evaluates them critically; compares them with other values; and stores them in a powerful database.

AIChE Energy Initiative

The Center for Energy Initiatives (CEI) is a new Technological Community within AIChE. Its goal is to focus the energy-related work of AIChE Divisions, Forums and activities toward solving the energy needs of society. Membership in CEI is automatic for members of most Divisions and Forums, as well as SBE members (please see pages 7 & 8).

AIChE Water Initiative

The increasing importance of issues surrounding water and sustainability has led AIChE to launch a new initiative focused on water. The ultimate goal of the AIChE Water Initiative is to become the foremost catalyst in applying engineering expertise to meet societal needs in areas of water access, water quality, and the water-energy nexus. The website serves as a clearinghouse for information and a network hub for engineers and scientists in the water community.

Discover
the benefits of belonging

Educational Resources

Update Your Technical Knowledge Base

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 PE 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.

Education & Training

Whether you want to update existing skills or develop new ones, AIChE, with our training partner, ASME, offers you hundreds of accredited CEU-bearing education courses, on-site training, and other programs to help you get ahead and keep ahead in a competitive market. In addition, AIChE offers frequent webinars on current trends and developments in chemical engineering as well as career topics.

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 PE requirements
- ◆ Attend webinars on career enhancement and current topics of interest to chemical engineers

Discover
the benefits of belonging

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 unequaled information resource for chemical engineers in every field.

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

- ◆ *AIChE Journal* — the monthly peer-reviewed journal that examines groundbreaking research in chemical engineering and related fields
- ◆ *Environmental Progress & Sustainable Energy* — quarterly coverage of the expanding environmental and sustainability fields, including energy in light of climate concerns
- ◆ *Biotechnology Progress* — a must-read for engineering advances in the life sciences
- ◆ *Process Safety Progress* — delivered quarterly, with crucial updates on advances and compliance issues in process safety
- ◆ *AIChE Institute Update* — a periodic update on the Institute's progress

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



He's not
an assig
may be
residen

...t the first chemical engineer to accept
...gnment in a far-off destination. But he
...e the first whose work takes him to a
...ncy on an international space station.

AIChE[®]

Member Services

*The premier professional society
for chemical engineers.*

Recognition

Your Expertise Appreciated and Applied

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



She's not the first chemical engineer to be obsessed with the food on people's plates. But she may be the first to turn her passion into a rewarding career by researching, developing, testing and engineering foods that feed U.S. troops in battle.

AICHE[®]

Member Services

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Personal 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.

Discover the benefits of belonging

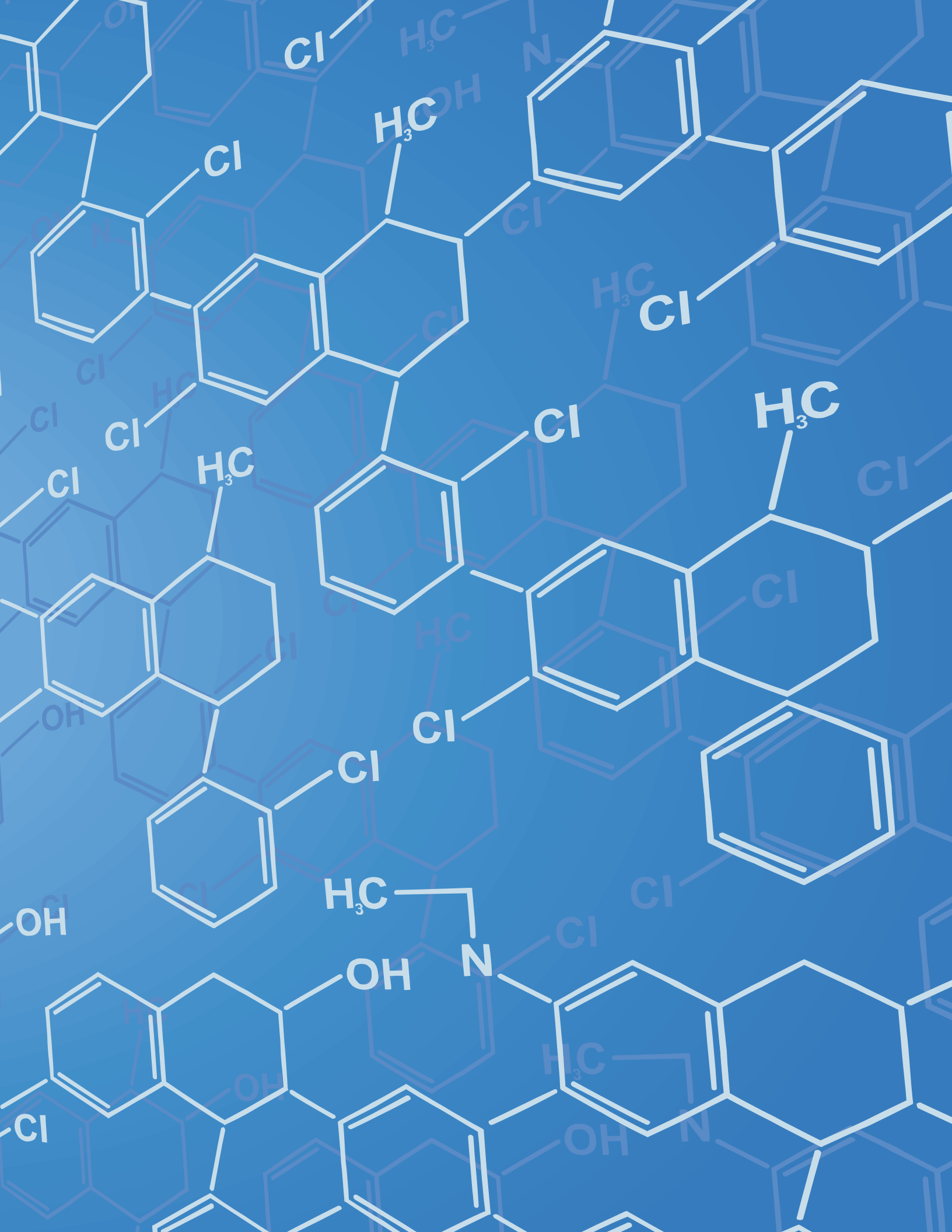
- ◆ Take advantage of member-only group rates on term life, major medical, disability, dental, vision, long-term care, prescription drug and other AIChE-sponsored plans
- ◆ Save on financial planning services to help you reach your investment and retirement goals
- ◆ Take advantage of AIChE-branded items in the AIChE online store
- ◆ 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 products and services available exclusively to AIChE members, please consult the "Membership Guide to Personal Financial Benefits."



AIChE®

Start using your membership, visit www.aiche.org today.

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