



### **Cheryl I. Teich**

Cheryl Teich is the Reaction Engineering Expertise Leader in Dow Chemical's Engineering Solutions Technology Center. She joined Dow during its 2009 Rohm and Haas acquisition, and recently marked her 30th anniversary with the combined company. Cheryl holds BS (MIT), MS (MIT), and PhD (Stevens Institute of Technology) degrees in chemical engineering. She has spent her career negotiating the interfaces between R&D, manufacturing, and business functions. She considers herself an "expert generalist" in process development, reaction engineering and problem solving.

There is a strong synergy between Cheryl's "day job" and her AIChE contributions: the ability to see common factors among disparate groups and leverage their individual strengths across organizational boundaries. Cheryl served on AIChE's Board of Directors (2007–2009) while chairing the Executive Board of the Program Committee (2008). She negotiated the use of Rohm and Haas' innovative webcasting technology at the 2008 Centennial Meeting, a precursor to ChemE on Demand. As chair of the Chemical Engineering Technology Operating Council (2012), she shepherded the formation of the Pharmaceutical Discovery, Development and Manufacturing Forum (PD2M). Cheryl is a founding member of the Process Development Div., an organizer of that Division's symposia, and has co-chaired and chaired AIChE National Meetings (New Orleans, 2002, and Atlanta, 2005). She is an AIChE Fellow and a Trustee of the AIChE Foundation.

**Statement:** I am honored by the nomination for AIChE President-Elect. It's good to have an opportunity to give back, because I have forged many leadership skills through active participation and increasing responsibility. I prize the network I have developed across industry, academia, and government. I believe in this so strongly that it forms my platform.

Here's the plan: learn by doing. Consider AIChE participation and leadership roles as risk-free opportunities to grow skills; the time, an investment in your future. Assume higher responsibilities than your "day job" entails. Know that the skills are now yours.

Discussions on communities of practice use a core model: very active people in the innermost core, surrounded by a middle ring of situationally-involved people. The outermost ring belongs to the passive "lurkers." We need to build our innermost core.

I entered the inner core when I joined the nascent Process Development Div. and became an area vice-chair.

As President, I would ask every AIChE group to meet "the core challenge": crafting and attaining a specific goal that grows the group's core. Meeting the core challenge will strengthen the Institute and its membership, and transform chemical engineering practitioners into leaders. Please contact me at [cheryl.teich.2014@gmail.com](mailto:cheryl.teich.2014@gmail.com) with comments and/or questions.



### **Philip W. Winkler**

Phil Winkler retired from Air Products in 2010 after a successful career in creating partnerships among government, industry, and academia to develop and commercialize new technologies. In 2011, Phil began a consulting practice focused on clean energy. He formed Government Contracting Specialists, LLC, to assist businesses and organizations with research, development, and

demonstration funding opportunities with the federal and state governments. He is also a Partner in LFG Resources, LLC, providing creative solutions to a variety of industries. After relocating to Florida, Phil became a member of the Advisory Board Council at the Univ. of Central Florida's Small Business Development Center, a peer reviewer for the Illinois Clean Coal Institute, and a member of the Clearwater Clean Coal Conference Planning Committee.

Phil is an AIChE Fellow and has been an active AIChE leader over the last 30 years. He served on the Board of Directors from 2003–2005, and was a founding member and chair of the Societal Impact Operating Council (SIOC). He has also chaired AIChE's Lehigh Valley Section and the Government Relations Committee. He is currently a member of the Central Florida Section, the Speaker's Corner, and is a Washington Internships for Students of Engineering (WISE) Mentor. Phil earned his BE in chemical engineering from Stevens Institute of Technology, and his MBA from Rutgers Univ.

**Statement:** AIChE has a rare opportunity to grow and increase its influence and value proposition as the U.S. chemical industry undergoes a renaissance driven by low-cost, abundant supplies of shale gas. The impact of shale gas has been to decrease the costs of both raw materials and energy, incenting the industry to make significant investments in people and capital equipment. This re-awakening of the U.S. chemical industry creates a tremendous opportunity for AIChE to grow and expand its influence.

As President:

- I will focus on improving the value of membership, developing strong government/industry/academic partnerships to accelerate innovation in the chemical industry and enhance U.S. competitiveness, and increasing AIChE's role in shaping technology policy.
- I will work to continue to provide value to our members in traditional ways and in new virtual ways.
- I will strengthen and expand AIChE's offerings for Young Professionals, the future of our profession.
- I will set a goal of AIChE being a key "go-to" organization for opinions on technology policy. AIChE has an opportunity to positively influence technology policy as the industry undergoes a rebirth.
- I will strengthen AIChE's relationships with the other key professional societies and key government agencies.

Please provide feedback to [philwinkler@gcspecialists.com](mailto:philwinkler@gcspecialists.com).