



# Table of Contents

Preface, *by John A. Sofranko*

## **Part I: Centennial Overview**

Chapter 1. 100 Years of Progress, *by Stanley I Proctor*

Chapter 2. Why Is AICHE Different?, *by Stuart W. Churchill*

Chapter 3. AICHE Essentials, *by John A. Sofranko*

## **Part II: AICHE Membership and Meetings**

Chapter 4. Trends in General and Division/Forum

Membership, *by Scott Love, Dale Keairns, and Bette Lawler*

Chapter 5. Meetings and Programming, *by G.V. Rex Reklaitis*

Chapter 6. Expanded International Membership and  
Activities, *by Deborah L. Grubbe*

Chapter 7. Increased Participation of Women and

Minorities, *by Dianne Dorland and Henry T. Brown*

Chapter 8. Fellows and Awards, *by John O'Connell*

Chapter 9. AICHE Student Programs, *by Gordon Ellis*

## **Part III: Initiatives and Critical Issues**

Chapter 10. AICHE's Energy Initiative, *by John C. Chen,  
Dale Keairns and Bond Calloway*

Chapter 11. AICHE's Role in Leading the Profession in  
Safety: CCPS and SACHE, *by Scott Berger*

Chapter 12. Technical Societies: DIPPR, DIERS, and  
pdXi, *by George Thomson, Harold Fisher, Tom Teague,  
and Haeja Han*

Chapter 13. The Society for Biological Engineering (SBE),  
*by June Wispelwey*

Chapter 14. Institute for Sustainability (IfS),  
*by Darlene Schuster*

Chapter 15. AIChE's Nanoscale Science and Engineering  
Forum, *by June Wispelwey*

Chapter 16. AIChE Foundation, *by Thomas F. Edgar and  
Stanley I. Proctor*

#### **Part IV: Publications**

Chapter 17. Periodicals and Books--Print and Online:  
1983-2008, *by Warren D. Seider*

Chapter 18. AIChE and Wiley Partnership: 2004-Forward,  
*by Stephen R. Smith*

#### **Part V: Accreditation and Continuing Education**

Chapter 19. Accreditation of Undergraduate Curricula,  
*by John Prados*

Chapter 20. The AIChE Continuing Education Program,  
*by James R. Fair*

#### **Part VI: Volunteer Leadership and Structure**

Chapter 21. Council, Board of Directors, and Operating  
Councils, *by Al Wechsler*

Chapter 22. Government Relations, *by Peter Lederman*

#### **Part VII: Strategic Planning: Future of AIChE and Chemical Engineering**

Chapter 23. A New Strategic Plan for AIChE's Second  
Century, *by Lawrence B. Evans, John A. Sofranko,  
Rick Cain, Dale L. Keairns, and H. Scott Fogler*

Chapter 24. How Is the Marketplace Changing for  
Chemical Engineers?, *by James T. Cobb, Jr., Maria Burka,  
Calvin Cobb, Gary Patterson, Bill Schowalter, Freeman Self,  
Greg Stephanopolous, Al Wechsler, James Wei,  
and Alan Zagoria*

Chapter 25. How Is the Chemical Engineering Discipline Changing?, *by Robert Armstrong, Jennifer Sinclair, Jeff Reimer, Pablo Debenedetti, Mary Rezac, Jim Trainham, Susan Butts, Joan Brennecke, and Ignacio Grossmann*

Chapter 26. How Are Professional Societies Changing?, *by Bruce Finlayson, Tom Edgar, Deb Grubbe, David Missenda, Jim Porter, Rob Reintjies, Rex Reklaitis, and John Sofranko*

Chapter 27. How Can Chemical Engineers Best Impact Societal Issues?, *by Liang-Shih Fan, Judy Raper, Emmanuel Dada, Pete Lederman, Norman Li, Jeff Siirola, and Dale Kearns*

Chapter 28. What Do Chemical Engineers Want?, *By Otis Shelton, James C. Hill, Sid Sapakie, Steve Matson, Orok Duke, Stephen T. King, Sandra Dudley, James Swartz, Gavin Towler, Tim McCreight, Bette Lawler, and Felicia Guglielmi*

## **Part VIII: Appendices**

Officers and Directors

Fellows

Institute and Board of Directors Award Winners

Historical Membership Figures

