

ASEE, Chemical Engineering Division

13th Summer School for Chemical Engineering Faculty

July 27 – August 1, 2002

**University of Colorado
Boulder, Colorado**

The Summer School for Chemical Engineering Faculty is chaired by Scott Fogler (University of Michigan) and Mike Cutlip (University of Connecticut), approximately 150 faculty are signed up to attend what appears to be an outstanding program for new and old faculty.

www.engin.umich.edu/~2002

Workshop Leaders

The following faculty members have agreed to serve as workshop leaders for the 2002 Summer School

1. Career Development

Professor Alice P. Gast, Stanford University, alice@chemeng.stanford.edu
Professor Tim Anderson, University of Florida, tim@nersp.nerdc.ufl.edu

2. Software Packages: Computational Fluid Dynamics, CFD

Professor Jennifer L. Sinclair, Purdue University, jlds@ecn.purdue.edu

3. Integrating Instructional Technology in the Classroom

Professor Thomas F. Edgar, CIO, University of Texas at Austin,
edgar@che.utexas.edu

4. Enhancing and Advancing Student Learning

Professor James E. Stice, University of Texas at Austin, stice@che.utexas.edu
Professor John P. O'Connell, University of Virginia, jpo2x@virginia.edu
Professor Douglas E. Hirt, Clemson University, doug.hirt@ces.clemson.edu

5. Process Control Simulations. Using Control Station in the Process Control Curriculum.

Professor Doug Cooper, University of Connecticut, cooper@enr.uconn.edu
Professor Frank Doyle, University of Delaware, doyle@che.udel.edu

6. Molecular Modeling

Professor James F. Ely, Colorado School of Mines, jely@mines.edu
Professor Phillip Westmoreland, University of Massachusetts,
westm@ecs.umass.edu

7. Bioengineering

Professor Larry V. McIntire, Rice University, mcintire@rice.edu
Professor Kristi Anseth, University of Colorado, kristi.anseth@colorado.edu

8. Green Chemical Engineering

Professor David T. Allen, University of Texas at Austin, allen@che.utexas.edu
Professor David R. Shonnard, Michigan Technological University,
drshonna@mtu.edu

9. ERC- Cellular and Tissue Engineering

Professor Peter W. Zandstra, University of Toronto, peter.zandstra@utoronto.ca

10. ERC Center for Advanced Engineering Fibers & Films -Teaching Fluid Flow and Heat Transfer Through Visualization

Professor Douglas E. Hirt, Clemson University, doug.hirt@ces.clemson.edu
Professor Amod Ogale, Clemson University, amod.ogale@ces.clemson.edu
Professor Chris Cox, Clemson University
Professor Dan Edie, Clemson University, dan.edie@ces.clemson.edu

11. Incorporating Communication Skills

Professor Douglas K. Ludlow, University of Missouri-Rolla, dludlow@umr.edu
Professor Kirk H. Schulz, Mississippi State University, khschulz@mtu.edu
Professor James A. Newell, Rowan University, newell@rowan.edu

12. Software Packages: Simulators for Design

Professor Daniel R. Lewin, Technion-Israel Institute of Technology,
dlewin@techunix.technion.ac.il
Professor Warren D. Seider, University of Pennsylvania, seider@seas.upenn.edu

13. Syllabii for Core Courses

Professor Thomas F. Edgar, University of Texas, edgar@che.utexas.edu
Professor H Scott Fogler, University of Michigan, sfogler@umich.edu

14. ERC-Ethics for Engineers, the Engineer's Toolchest Course and Engineered Biomaterials

Professor Buddy Ratner, University of Washington,
ratner@uweb.engr.washington.edu

15. ERC- Designing Challenge-Based Learning Modules

Professor Robert Balcarcel, Vanderbilt University, r.balcarcel@vanderbilt.edu
Professor Sean Brophy, Vanderbilt University

16. Software Packages: Mathematical

Professor Mordechai Shacham, Ben-Gurion University of the Negev,
shcham@bgumail.bgu.ac.il
Professor Michael B. Cutlip, University of Connecticut,
mcutlip@uconnvm.uconn.edu
Professor David Clough, University of Colorado, david.clough@colorado.edu

17. Novel Laboratory Experiments

Professor Robert P. Hesketh, Rowan University, hesketh@rowan.edu
Professor C. Stewart Slater, Rowan University, slater@rowan.edu
Professor Stephanie Farrell, Rowan University, farrell@rowan.edu

18. Computer Tutorial

Various Instructors

19. Integrating Computing Across the Curriculum

Professor David Clough, University of Colorado, david.clough@colorado.edu
Professor Brice Carnahan, University of Michigan, carnahan@umich.edu

20. Process Safety

Professor Ron Darby, Texas A&M University, R-Darby@tamu.edu
Professor J. Reed Welker, University of Arkansas, rwelker@engr.uark.edu
Professor Ronald J. Willey, Northeastern University, r.willey@neu.edu

21. Computer Laboratory

Various Instructors

22. Teaching Trouble Shooting

Professor Donald R. Woods, McMaster University, woodsdr@mcmaster.ca

Mentor and Poster Session Coordinator

Professor Gilda A. Barabino, Northeastern University,
gbarabin@lynx.dac.neu.edu

Mentor

Dr. Susan Montgomery, University of Michigan, smontgom@umich.edu

Flagship Workshop on “How to Teach”

Professor Richard M. Felder, North Carolina State University,
felder@eos.ncsu.edu

Professor Rebecca Brent, East Carolina University, rbrent@mindspring.com

Professor Phillip Wankat, Purdue University, wankat@ecn.purdue.edu