

Conference Program Update March 12, 2001

There are a number of changes in this document - it supercedes the tentative program printed in the January issue of the "Outlook." Note the schedule of workshops especially - please mark your selections on the updated "Pre-registration Form" which you can download from the conference Website. Mail that form and your payment to Dr. Herald Kane ASAP, to help with final arrangements for classroom assignments and meals. E-mails with your workshop selections are welcome up to conference time.

The final printed program will be available at registration. Continue to check the Website periodically for updates to all conference information.

Presenters: Please pay careful attention to the details of your presentation description. E-mail ASAP to Herald Kane any changes in session title, academic degrees listed for you or your co-presenters, room or time details, or any reminders about AV or other special support for your session. Thanks.

www.ilcmesa.sdccd.net/Depts/Chemistry/2YC3/sandiego2001.htm

155th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE "The Frontiers of Chemistry - Old and New" San Diego City College

Program Chair: Dr. Bettina Heinz; bheinz@mailhost1.csusm.edu
Local Arrangements Chair: Dr. Herald Kane; hkane@sdccd.net
Exhibits Chair: Dr. Dwayne Gergens; dgergens@sdccd.net

Friday, March 30

- 8:00 - 4:00 **Registration, Exhibits**
•"White Board" for suggesting afternoon Open Forum topics (moderated conversations on "best practices")
•Sign up for carpools (both drivers and riders) leaving for Southwestern College on Saturday at either 8:30 AM (Workshop G1) or 1:30 PM (Workshop J1)
- 8:30 - 10:30 **Exhibitors' Presentations and Demonstrations**
- 9:00 - 9:45 **Business Meeting of the Committee on Chemistry in the Two-Year Colleges (COCTYC) (everyone welcome)**
- 10:00 - 10:30 **Refreshments**
- 10:30 - 10:50 **Welcome and Opening Remarks**
•Dr. Marianne Tortorici, Dean of Physical and Biological Sciences, Nursing and Exercise Science, San Diego City College
•Conference co-chairs
- 11:00 - 11:50 **Plenary Talk A: Where Have All Our Students Gone?: Thoughts on the need to modernize, adapt and advertise the undergraduate chemistry curriculum.**
Dr. Paul Jasien, California State University San Marcos
Dr. Daphne Figueroa, San Diego Miramar College

- 12:00 - 12:50 **Plenary Talk B: Chemistry as Foundation of the New Technologies - a Biotechnology Primer**
Dr. Gerald Yakatan, President and CEO, Avanir Pharmaceuticals
- 1:00 - 2:00 **Lunch on your own: campus cafeteria or college vicinity**
- 2:00 - 3:00 **Concurrent Presentation/Discussion Sessions C**
- C1. Conveying the History of Chemistry: Development of Web Articles to Extend and Enrich the Curriculum**
Dr. Edwin Thall, Florida Community College, Jacksonville
- C2. Technology-Mediated Instruction: From Digital Resource to Online Course**
Dr. Fred Garces, San Diego Miramar College
- C3. Research Topics in Chemical Education: Assessing Active Learning by Students Viewing "Discovery Videos" of Lab Experiments**
Dr. Gary Wulfsberg, Middle Tennessee State University
- C4. Preparing Chemical Educators: A "Doctor of Arts in Chemistry" Program (and Its Participants)**
Dr. Martin Stewart, Middle Tennessee State University
- C5. (2:15 to 2:45) Advancing the Laboratory Curriculum: A New Look at Colorimetry**
Dr. John Amend, Montana State University
Dr. Dale Hammond, Brigham Young University, Hawaii
- 2:00 - 4:45 **Special Event Program D**
- D1. (2:00 - 4:45) Workshop: The LabWorks Learning System**
David Sinay dsinay@scitechnologies.com
- D2. (2:00 - 3:00) A Tour, a Talk, a View of the Future: The City College Center for Applied Technologies (CACT)**
Dr. Joan Stepsis, CACT Director, San Diego City College
- D3. (2:00 - 3:00) Author's Roundtable: Preparation of Textual and Media Materials for the Preparatory General Chemistry Course**
Dr. Sharon Fetzner, University of Illinois, Chicago
Jessica Fiorillo, W.H. Freeman
- 3:00 - 3:15 **Refreshments and Announcements**
- 3:15 - 4:45 **Concurrent Presentation/Discussion/Workshop Session E**
- E1. Curriculum Issues in ChemTech and BioTech Programs**
Dr. David Singer, San Diego City College
Mr. Robert Fremland, San Diego Mesa College
Dr. Sandra Slivka, San Diego Miramar College
- E2. (3:15 - 4:15) Advancing the Laboratory Curriculum: The Advantages of Miniscale Experiments**
Dr. Treasure Suchek, Southwestern College
- E3. Workshop: Peer-Led Team Learning (PLTL): Active Learning in Chemistry**

Dr. Madeline Adamczeski, San Jose City College
Dr. Dennis Bartow, Prince George's Community College
Dr. Florence Cardoza, Sierra College
Dr. Karen Walters Dunlap, Sierra College

E4. Open Forums: moderated conversations on "best practices," including but not limited to ideas from the registration "white board." Good ideas are meant to be stolen!

E5. Workshop: Understanding Sensors and Environmental Measurements

Dr. John Amend, Montana State University
Dr. Dale Hammond, Brigham Young University, Hawaii
Dr. Shirley Nussbaum, University of British Columbia

6:00 - 6:30 **Social Mixer**

6:30 - 8:30 **Banquet and Keynote Address
Molecular Assembly and Encapsulation**

Dr. Julius Rebek, Jr.
Professor of Chemistry, The Scripps Research Institute,
Director of the Skaggs Institute for Chemical Biology

Saturday, March 31

8:00 - 1:00 **Registration, Exhibits**
•"White Board" for suggesting afternoon Open Forum topics (moderated conversations on "best practices")
•Sign up for carpools (both drivers and riders) leaving for Southwestern College at either 8:30 AM (Workshop G1) or 1:30 PM (Workshop I1)

8:30 - 9:30 **Exhibitors' Presentations and Demonstrations**

9:00 - 9:50 **Plenary Talk F: New Drugs from the Sea**
Dr. Jacqueline Trishman, California State University San Marcos

9:00 - 11:45 **Special Program Event G**

G1. Overflow Workshop (offered only if signups for Workshop J1 have exceeded 12 by 5:00 PM on Friday): Current Instrumentation in the Chemistry Laboratory
Dr. David Brown, Southwestern College
(Carpools leave for Southwestern at 8:30 AM)

G2. Workshop: ChemConnections - Promoting Active Learning in Real-World Contexts in General Chemistry

Dr. Eileen Lewis, University of California Berkeley
Dr. Zarzan, Los Rios College
Dr. Stewart, Hope College
Dr. C. Donovan, J. W. Wiley Publishing

G3. (9:00 - 10:30) Lecture and Demonstration: The Science of the Art of Glass Blowing

Dr. Richard Jones, Sinclair University
Mr. Ron Nellis, San Diego City College

10:30 - 11:00 **Refreshments and Announcements**

- 11:00 - 11:50 **Plenary Talk H: Frontiers of Forensic Chemistry and the Criminal Justice System**
Norman K. Sperber or Keith Barrett
Office of the Medical Examiner, County of San Diego
- 12:00 - 12:50 **Special Event Program I**

Rhythm and Form in the Beautiful Images of the Molecular World: Slides and Commentary
Dr. Bettina Heinz, Palomar College
- 1:00 - 2:00 **Picnic box lunch on campus, or lunch on your own.**
(Those attending Workshop J1 should depart in carpools by 1:30 PM)
- 2:00 - 4:45 **Special Event Program J**

J1. Workshop: Current Instrumentation in the Chemistry Laboratory
Dr. David Brown, Southwestern College
(Carpools leave for Southwestern at 1:30 PM)
(If signups for this workshop have exceeded 12 by 5:00 pM on Friday, Workshop G1 will be offered)
- J2. Workshop: ChemConnections - Promoting Active Learning in Real-World Contexts in General Chemistry**
Dr. Eileen Lewis, University of California Berkeley
Dr. Zarzan, Los Rios College
Dr. Stewart, Hope College
Dr. C. Donovan, J. W. Wiley Publishing
- J3. Workshop: The LabWorks Learning System**
David Sinay dsinay@scitechnologies.com
- J4. Open Forum: moderated conversations on "best practices."** It might be fruitful to bring along one favorite "solution" and one "continuing problem" in teaching/learning to offer to the conversation. And there still may be one last idea to steal!
- J5. Overflow Workshop (offered only if Workshop E5 is filled): Understanding Sensors and Environmental Measurements**
Dr. John Amend, Montana State University
Dr. Dale Hammond, Brigham Young University, Hawaii
Dr. Shirley Nussbaum, University of British Columbia
- 5:00 PM **Closing Remarks, end of the Conference.**

SEE YOU AT THE 156TH! (Anoka-Ramsey Community College, Coon Rapids, Minnesota, September 14 - 15, 2001. Theme: Discovery and Inquiry in Chemistry Education)

