

Chemistry Outlook

An Activity of
The Committee on Chemistry in the Two-Year Colleges
Division of Chemical Education
American Chemical Society



Dolores C. Aquino, 2006 Chair

7

Notes From The Chair

14.0067
Nitrogen

Dolores C. Aquino
San Jacinto College Central
Pasadena, TX

There is a general business session at all of our conferences. It is usually scheduled just after lunch to enable attendance by all conference participants. The agenda includes self-introductions by everyone, starting with the 2YC₃ officers, but including everyone in the room. At the most recent 2YC₃ conference, the 172nd, at William Rainey Harper College, these self-introductions included not only the expected name and school affiliation information, but also a statement about "Why I am here at this conference."

The frequency was striking for the most often repeated reasons for attending.

The location was convenient and easily accessible
and
The program content was interesting and valuable.

These two aspects are what 2YC₃ continually strives to achieve in finding host sites and planning conference programs.

The policy of spreading the sites around various regions of the country continues, as a response to member needs for an accessible location. If you think your part of the country has been neglected, please consider hosting a conference.

The programs are geared to provide usable information for all of us who teach at community colleges. The hot topics that are arising include the area of assessment, which is the focus of the upcoming 173rd conference to be held at Georgia Perimeter College- Dunwoody Campus, in Dunwoody, Georgia (Atlanta area.) An outline of that conference program appears later in this issue.

My perception, therefore, is that I am about to become - will have become when you read this - Chair of an organization that has an ongoing

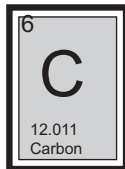
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Conference Calendar

2006 - 2007 Academic Year

173rd Conference (Southern)

March 24-25, 2006, Georgia Perimeter College,
Dunwoody Campus, Georgia

Contact: Dr. Glenn Nomura
Phone: (770) 274-5062
Email: gnomura@pcc.edu

174th Conference (Midwestern) 19th BCCE,

July 30-August 3, 2006, Purdue University Campus, West
Lafayette, Indiana, <http://www.chem.purdue.edu/bcce/>

Contact: Jay Bardole, 2YC₃ Chair
Email: jbardole@indiana.viu.edu

176th Conference (Southern)

November 10-11, 2006, San Antonio College, San Antonio, TX.

Contact: Bill Haley
Phone: (210) 733-2712
Email: whaley@accd.edu

177th Conference (Midwestern)

March 23-24, 2007, Joliet Junior College, Joliet, IL

Contact: Dr. Marie Wolff
Phone: (815) 729-9020 ext. 6701
Email: mwolff@jjc.edu

Remember to check the web for information on future meetings! <http://2yc3.org>

Congratulations to John Kenkel and Jeff Cramer!

John Kenkel was elected to serve as our new Industrial Sponsor Chair. He will join the 2006 COCTYC immediately. Jeff Cramer was elected to be the 2007 Chair-Elect and will join the COCTYC in 2007.

We are very happy to have these very qualified educators on board.

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history of fulfilling its mission of communication with two-year college Chemistry faculty. I also know that we have some great younger members whose influence is seen most obviously on the Website but is felt throughout the organization. This gives us the need and opportunity to look at the way we operate and make sure that the positions on the Executive Board are the most meaningful and that we are communicating effectively with all of you. A daylong Executive Committee meeting has been scheduled to keep the organization moving in the 21st century.

Congratulations and thanks to William Rainey Harper College in Palatine, Illinois for a great conference with a program that included many of their own faculty as presenters and an easy access location just north of Chicago.

See you in March in Atlanta Georgia

The 19th BCCE at Purdue

The 19th Biennial Conference on Chemical Education will be on the Purdue University campus July 30-August 3, 2006. The theme of the conference will be The Bridge Between Teaching and Learning. 2YC₃ has traditionally been a part of the planning process and we are invited to organize a symposium directed to issues that are of particular interest to chemistry teachers in the community colleges. We could focus a symposium on specific topics such as "Problems and Solutions of a one Person Department" and/or "Transfer and Articulation." We could also have a general session where any topic relating to teaching and learning chemistry would be acceptable.

If you have an idea for a symposium or would like to present a paper related to one of the suggested symposia, or have a presentation that you would like to make, please contact me as soon as possible with your ideas and suggestion.

Jay Bardole
Vincennes University
Vincennes, IN 47591

Purdue has great facilities and I am sure that the program will be outstanding. You will undoubtedly hear more good ideas than you can implement.

2006 COCTYC AND SUPPORT STAFF

Division of Chemical Education, Inc
American Chemical Society
2006 Roster of Committee Members

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Home: (210) 496-3086 Email: whaley@accd.edu

2YC₃ World Wide Web Page: <http://2yc3.org>, Lance Lund
(Lance.Lund@anokaramsey.edu) WebMaster

2YC₃ Membership Form

Please consider supporting the 2YC₃ by becoming a member or renewing your membership. Annual dues are only \$15.

Special Offer: Annual dues are \$15 for the 2YC₃ and \$20 for the American Chemical Society Division of Chemical Education (DivCHED). If you are not already a member of DivCHED, you may join both organizations today for a total of \$30, a savings of \$5.

I wish to: _____ Become a member of 2YC₃
_____ Renew my 2YC₃ membership
_____ Join DivCHED as a member (ACS members only) and 2YC₃
_____ Join DivCHED as an affiliate* (non ACS members) and 2YC₃
*affiliates have all membership privileges except voting and holding elective office

I am a: _____ Two-Year College Teacher _____ Four-Year College Teacher
_____ High School Teacher _____ Other

Your Name: _____

Institution: _____

Address: _____

Street

City, State

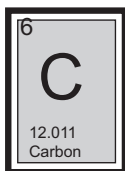
9-Digit Zip Code

Phone: _____ **Email:** _____

Send ACS Member Form? _____ Yes _____ No

Please send your check, payable to 2YC₃, for \$15 (2YC₃ only) or \$30 (joint membership) to:
Patty Pieper, Anoka-Ramsey Community College, 11200 Mississippi Blvd NW, Coon Rapids, MN 55433-3470

173rd 2YC₃ Conference (Southern)
“Assessment at the Classroom Level, at the Program Level,
and at the Curriculum Level”
March 24 and 25, 2006
Georgia Perimeter College, Dunwoody
2101 Womack Road, Dunwoody, GA 30338



Conference Program

For the latest information on the conference program, please go to the 2yc3 website, <http://2yc3.org>

Program Chair: Dr. Glenn Nomura

Email: gnomura@gpc.edu Phone: (770) 274-5062
<http://www.gpc.edu/~dunsci/chem.htm>

Local Arrangement Chair: Dr. Candice McCloskey

Email: cmcclosk@gpc.edu Phone: (770) 274-5060

Preliminary Program

Plenary Speaker: Dr. Don G. Patterson

Thursday, March 23rd

6:00 - 9:00 pm Social Mixer at a restaurant right by the Fairfax Inn. (optional)

Friday, March 24th

8:00 - 9:00 am Registration and breakfast

9:00 - 9:15 am Welcome

9:15 am - 12:00 pm Presentations, workshops, and exhibits

12:00 - 1:30 pm Lunch

1:30 - 5:30 pm Presentations, workshops, and exhibits

5:30 - 6:30 pm Break

6:30 - 9:30 pm Dinner and guest speaker

Saturday, March 25th

8:00 - 9:00 am Registration and breakfast

9:00 am - 12:00 pm Presentations, workshops, and exhibits

12:00 - 1:30 pm Lunch and 2YC₃ General Membership Meeting

1:30 - 4:00 pm Presentations, workshops, and exhibits

4:00 - 4:15 pm Closing Remarks

Call for Papers for the 173rd 2YC₃ Conference

If you are interested in presenting a paper or poster or facilitating a workshop, please send an abstract to Dr. Glenn Nomura at gnomura@gpc.edu. A wide range of topics are appropriate for the "Assessment" theme. Posters and papers by students involved in undergraduate research are welcome.

At printing time the program was not finalized. However, several excellent speakers are already lined up:

Dr. Don G. Patterson, Plenary Speaker

John Kenkel: "Assessment in a Chemical Technology Program"

Jay Bardole: "Laboratories for Distance Education Chemistry Courses"

Kelly Befus, Ph.D.: "Teaching with Technology When You're Technologically Challenged"

Dr. Ray Turner, Massachusetts Institute of Technology: "Creating Macromolecular Arrays for a Classroom Demonstration" Dr. Turner will speak on Saturday afternoon.

Lance Lund: "Inquiry-Based Final Projects in the General Chemistry Laboratory".

Following the presentation, Lance will facilitate a roundtable discussion "Projects, Practicals, and Other Alternatives to Standard Laboratory Experiments".

On Friday Dick Gaglione, Community College of Southern Nevada will present a talk: "An Introduction to Undergraduate Research Course for Two-year College Students in the Chemical Sciences"

Dave Klein: "The History of 2YC₃"

Please plan to attend this exciting conference! Pre-registration form on page 7 and on the 2YC₃ web site.

How to Get to Georgia Perimeter College Dunwoody Campus:

Map of the Georgia Perimeter College Dunwoody campus with driving directions

Meeting registration is in the Atrium of Building C

http://www.gpc.edu/Campus_Maps/Dunwoody.html

Lodging:

A block of rooms is reserved for our meeting at the:

< Fairfield Inn and Suites Perimeter Center

< 1145 Hammond Drive

< Atlanta, Georgia 30328 USA

< Phone: 1-770-350-0000

The hotel is \$69.00 + tax for one person (king size bed) and \$79.00 + tax for two people (two double beds)

The Fairfield Inn And Suites Is Located 15 Miles From Hartsfield International Airport and 0.6 miles from the Perimeter Center MARTA station. There is a MARTA station in Hartsfield airport. The Fairfield Inn Is A Great Hotel That Offers Its Guests Plenty Of Reasons To Stay Here. The Hotel Is Close To Several Sights Worth Checking Out. In Addition, An Array Of Awesome Amenities Await Guests When They Check In.

Map to hotel: Please go to our 2YC₃ website for a link to the map and also to the program of the meeting.

<http://2yc3.org/meetings>.

The hotel has a courtesy shuttle from Hartsfield airport.

Driving Directions: From Airport: Take I-285 East to Exit 29 Ashford Dunwoody Road, Turn Left on Ashford Dunwoody Road, Turn Left on Hammond Drive, Hotel is on the Left.

173nd Two-Year College Chemistry Consortium (2YC₃) Conference
Georgia Perimeter College, Dunwoody
Dunwoody, GA 30338
March 24-25, 2006

Name _____ Institution _____

Institution Address _____

City _____ State _____ Zip Code _____

Phone Number(s) _____

E-mail Address(es) _____

I teach at a High School _____ 2-Year College _____ 4-Year College _____

Conference Fees

Registration (current 2YC₃ members) @ \$20.00* \$ _____

Registration (includes 2YC₃ membership) @ \$35.00 \$ _____

Friday evening banquet @ \$25.00 \$ _____

Friday lunch @ \$10.00 \$ _____

Saturday lunch @ \$10.00 \$ _____

* There is no conference fee for high school teachers and students

Please send your registration form and check to:

Glenn Nomura, 173nd 2YC₃
2YC₃ GPC Dunwoody
2101 Womack Road
Dunwoody, GA 30338

Make Checks Payable To: Glenn Nomura/2YC₃

The 174th 2YC₃ Conference will be held in conjunction with the 19th Biennial Conference on Chemical Education, July 30-August 3, 2006 at the Purdue University Campus, West Lafayette, Indiana.

What is a BCCE?

The Biennial Conferences on Chemical Education are the largest gathering of chemical educators in the world and truly reflect the wide interests and talents of people who teach chemistry in schools, colleges, and universities as well as people at the ACS, in industry, and in government who have an interest in chemical education. What makes a BCCE exciting is the opportunity to gather together and share ideas, expertise, and experience with colleagues who are committed to excellence in chemical education. The program for the 19th BCCE will present a wide variety of workshops, presentations, plenary speakers, keynote speakers, exhibits, and posters, each of which is designed to provide you with new ideas, strategies, and techniques for involving your students in active learning. We are certain you will find activities that will stimulate your interests. You will also find time to reflect and talk with your colleagues, to discuss something that you've seen, heard, or done and share your ideas. There will be great social events and things to see and do, and, perhaps, even time to relax. The BCCEs are truly a great deal for anyone interested in chemical education and they do serve as a bridge between how we teach and how our students learn

At this point the list of Plenary and Keynote speakers includes:

“Does chemical education research have answers to offer the chemistry community?” Diane M. Bunce, Associate Professor of Chemistry, Department of Chemistry, The Catholic University of America, Washington, DC.

“Chemistry enterprise: Looking back at 2015” William F. Carroll, Vice President, Chlorovinyl Issues for OxyChem, President, American Chemical Society.

“The Secret Life of Food” Shirley Corriher, Author, Chef and Scientist

“How To Get Students Actively Involved In Learning, Even If You Have 200 Of Them In The Class” Richard M. Felder, Hoechst Celanese Professor Emeritus of Chemical Engineering, Department of Chemical & Biomolecular Engineering, North Carolina State University, Raleigh, NC.

“The challenge of interdisciplinary STEM service classes How can physics, chemistry, and math support a redesigned biology curriculum?” Edward (Joe) Redish, Professor of Physics, Department of Physics, University of Maryland, College Park, MD.
“High performance chemistry: Cars and beyond” Joseph Turpin, Associate Senior Analytical Chemist, Lilly Research Labs Division, Eli Lilly and Company, Indianapolis, IN.

“A Look at the ‘drivers’ of science education reform” Gerald F. Wheeler, Executive Director, National Science Teachers Association, Arlington, Virginia.

“Beginning chemistry: Firing their imaginations” Richard N. Zare, Marguerite Blake Wilbur Professor in Natural Science, Department of Chemistry, Stanford University, Stanford, CA.

Please plan to attend and participate in the 2YC3 symposium. For more information go to:

<http://www.chem.purdue.edu/bcce/>

Expanding the ACS Community College Web Site

Since its establishment, the ACS Web site for community colleges (www.chemistry.org/education/2year.html) has been the repository of documents directly related to chemistry in community colleges.

- < ACS Guidelines for Chemistry Programs in Two-Year Colleges
- < The Status of Chemistry in Two-Year Colleges: Results from a Survey of Chemistry Departments
- < Addressing Articulation Issues

However, many more relevant resources are available, both from ACS and other organizations. These resources are being compiled and added to the Web site.

The updated Web site has four sections, designed to direct visitors to areas of interest.

- < Relevant Activities and Reports
- < Resources for Programs
- < Resources for Faculty
- < Resources for Students

An introductory section will highlight announcements or recent statistics on community colleges.

Information on several symposia of interest can be obtained via the expanded Web site. The Web page on the symposium “Community Colleges: Role Models and Partners,” held at the 2006 Association of American Colleges and Universities Annual Conference, provides general information about community colleges, examples of partnerships, and links to resources from a variety of organizations. The Web page on the symposium “Undergraduate Transitions: Enhancing Student Success,” held at the 18th Biennial Conference on Chemical Education in 2004, contains presentations and a summary report.

Links to other ACS programs, such as the Two-Year College Chemistry Consortium (2YC₃), the Chemical Technology Program Approval Service, and the Student Affiliates Program, are also included.

Input on the redesigned Web site and suggestions for additional content and links can be sent to Jodi Wesemann at j_wesemann@acs.org.

In memory of Mark H. Walter
1953-2005

Mark H. Walter, a community college chemistry professor and a nationally recognized educator, died December 14, 2005.

As part of the faculty at **Oakton Community College, Des Plaines, IL,** Mark taught general chemistry, organic chemistry, and biochemistry. He was a member of the Project Kaleidoscope F21 class of 1995. He was also a Pew National Scholar and **Fellow of the Carnegie Foundation for the Advancement of Teaching, having been selected for the 1999 cohort of the Carnegie Academy for the Scholarship of Teaching and Learning (CASTL) Scholars Program.** In 1999, he **received the Hartstein Award for Academic Excellence, being named Teacher of the Year.**

Mark was a principal investigator for a grant from the National Science Foundation Course, Curriculum, and Laboratory Improvement Program. Awarded in 2000, the grant supported the adaptation and adoption of Modular Chemistry Consortium, ChemLinks, and New Traditions material by faculty in a consortium of Chicago area community colleges.

Recently, Mark and several of his colleagues developed an interdisciplinary undergraduate research course. The course is team taught by five instructors (chemistry, biology, and medical laboratory technology) during the academic year. The students have worked on research projects in cystic fibrosis (collaboration with Northwestern University), soil fungi (collaboration with the Chicago Botanical Garden), and protein X-ray crystallography (collaboration with the Advanced Photon Source at the Argonne National Laboratory).

His family wrote: "Mark will be remembered as a loving family man and a nationally recognized educator in the field of chemistry. His passion for education and learning was apparent to all who knew him. At home, Mark loved his beautiful rose and orchid gardens and abundant vegetable patch and shared this passion with his two daughters."

**The American Chemical Society
Scholars Program is looking for
Chemical Technician applicants.**

The American Chemical Society Scholars Program, now beginning its twelfth year, identified over 1600 qualified scholarship recipients since inception in 1995 and issued more than \$ 8.2 million in stipends. We tracked our graduates into the chemical workforce and into graduate programs counting 23 Ph.D. recipients to date and another 100 reportedly currently in Ph.D. programs.

These numbers certainly please us. However, there is a contingent almost missing from the ranks of successful ACS Scholars. These are the Chemical Technicians. This program is, and always has been open to students pursuing two-year chemical technology degrees. Since the first scholarship awards in 1995, only 24 ACS Scholars entered two-year programs, finishing their undergraduate work with an Associate degree. A total of 90 won the scholarship while attending community colleges but, apart from the 24 mentioned above, all others transferred to four-year institutions to obtain a Bachelor degree.

The ACS Scholars Program is now accepting applications for the 2006-2007 academic year. Additional information and the forms can be found and downloaded online at <http://chemistry.org/scholars>. Interested students can also call our office toll-free at 1-800-227-5558, ext. 6250, contact us by e-mail at scholars@acs.org, or send a request to The American Chemical Society Scholars Program, 1155 16th Street, N.W., Room 1113, Washington, D.C. 20036. The deadline will be March 1, 2006. Pass the word!

Robert J. Hughes
American Chemical Society Scholars
Program
Department of Diversity Programs

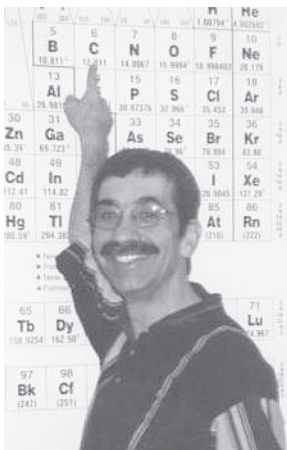


ACS Directory of Graduate Research 2005 is now available!

The American Chemical Society *ACS Directory of Graduate Research 2005* is the most comprehensive source of information on faculty and their research at departments of chemistry, chemical engineering, biochemistry, polymers and materials

science, marine science, toxicology, medicinal/pharmaceutical chemistry, and environmental science in the U.S. and Canada. It lists faculty member biographical information, area of specialization, titles of all papers published within the last two years as well as faculty and department contact information. Published in odd-numbered years by the ACS Committee on Professional Training, the 2005 edition of the *Directory* contains current faculty information for the 2005-2006 academic year. The *DGR 2005* (item 39753, US \$89 each) can be ordered from the ACS Office of Society Services or the ACS Online Store. For more information, call 1-800-227-5558 or 1-202-872-4600, or send e-mail to help@acs.org

NEW for 2005! *DGRweb*, the searchable, online version of the *DGR*, will be available free of charge for anyone with access to the internet. Also new to *DGRweb 2005* are the upgraded interface and functionality which allow advanced searches for both faculty and institutions. Search for faculty includes specific research area, academic rank, gender, and state, and the search results produce complete contact information for faculty including direct links to faculty email addresses and web pages. Institutional searches provide all departmental contact information along with statistical data on the number of faculty and students in the department and a complete list of faculty active in graduate research. *DGRweb 2005* also includes access to the complete 1997, 1999, 2001, and 2003 databases.



Pasquale Di Raddo

Professor, Chemistry, Ferris State University, Big Rapids, MI

Like many of our colleagues, Dr. Di Raddo is also a poet. Here are a few of his poems.

KRYPTON DIBROMIDE (Br-Kr-Br)

Krypton
 Jor-el, pacifist,
 Rare, introvert, noble,
 Colorless, neighboring – Bromine, crimson
 Volatile, corrosive, electron-assimilationist,
 Toxic, lethal
 Red Kryptonite

~ Pasquale Di Raddo
 June 2005

(Diamante-type poem)

C H O

Pretense
 You strip us of all pretense
 Pretense cloaked in multiple choices and calculators
 Deluxe calculators with logs, roots, programmed equations
 Equations and facts that fog the sands of our memories
 Long term memories that must not fail
 Fail to see the symmetry in the tetrahedron
 the intimacy in the covalence
 the ~elegance~ in the mechanisms
 That is organic.

~Pasquale Di Raddo

September, 2005

Substitution Chemistry

Hydroxide had 'lectrons to spare
 And so charged them to form his flare
 Covalence I lack
 Ele's I attract
 Some intoxicating affair!

~Pasquale Di Raddo
 October, 2005

Stereohorror

Reflections
 Equals, Symmetry
 Hands, Feet, Asymmetry
 Chiral, Enantios, Racemic, Drug
 Asymmetry, Feet, Hands
 Sinister, Screw
 Thallidomide

~ Pasquale Di Raddo

October, 2005

The State of Undergraduate Research in Community Colleges

An increasing number of two-year colleges are getting involved in undergraduate research. The workshop "The State of Undergraduate Research in Community Colleges," to be held at the Council of Undergraduate Research National Conference 2006, will explore the issues and challenges facing community colleges developing undergraduate research programs. The discussion will include models and examples of research programs at several community colleges. The

conversation is aimed at lowering barriers and identifying resources necessary to broaden participation by community college faculty and students in undergraduate research. For more information about the workshop, contact Tom Higgins at tbhiggins@ccc.edu.

The CUR National Conference 2006 "Learning Through Research: Dynamic Faculty, Students, and Institutions" will be held June 24-27 at DePauw University in Greencastle, IN. To learn more about and register for the conference, visit www.cur.org.

Task Force Considers Revision of ACS Guidelines

In the spring of 2005, the Society Committee on Education (SOCED) formed a task force to consider the revision of the *Guidelines for Chemistry Programs in Two-Year Colleges*. Their first action was to determine the use of and interest in the existing guidelines (available at www.chemistry.org/education/2year.html). A short informal survey conducted in October and November 2005 indicated that the *Guidelines* are useful to those who are aware of them and are used in a number of ways.

The survey responses also indicated that the *Guidelines* could be strengthened in the following areas:

- < assessment and performance outcomes
- < student-learning and guided inquiry
- < research with students
- < workload
- < adjunct faculty
- < facilities and infrastructure
- < technology support
- < advising students on careers and transfer issues

Although the survey period ended November 30, the Task Force would still like to hear how the *Guidelines* have been used and whether any sections need to be updated.

Given the importance of transfer issues, the Task Force is looking for opportunities to obtain input from the entire chemistry community (both two- and four-year institutions) and is working with the

Committee on Professional Training as they undergo a major revision of the guidelines for four-year programs. Forums to gather input are being planned for the 19th Biennial Conference on Chemical Education (July 30-August 3) and the 2006 Council of Undergraduate Research Conference (June 24-27).

Task Force Members represent both two- and four-year institutions, as well as various ACS committees:

- < Maureen Scharberg (Chair), San Jose State University, CA (SOCED)
- < John Clevenger, Truckee Meadows Community College, NV (SOCED)
- < Carlos Gutierrez, California State University-Los Angeles (Committee on Professional Training)
- < Ed Kremer, Kansas City Kansas Community College (CHED Committee on Chemistry at the Two-Year Colleges)
- < George Kriz, Western Washington University (SOCED)
- < Doug Sawyer, Scottsdale Community College, AZ (SOCED)
- < Uni Susskind, Oakland Community College, MI (College Chemistry Consultants Service)
- < Linette Watkins, Texas State University (Committee on Minority Affairs)

Any comments and questions should be sent to Jodi Wesemann at j_wesemann@acs.org.

The second edition of *A Guide for Classroom Instruction for Adjunct Faculty* is now available!

Whether you are a new adjunct or experienced full-time instructor, *A Guide for Classroom Instruction for Adjunct Faculty, 2nd ed.* will help you create an engaging and enlightening classroom environment. The *Guide* covers:

- < Roles of instructors and students in learning
- < Learning styles of diverse students

- < Methods of teaching
- < Course and class administration
- < Testing and feedback
- < ...and more!

The 2nd edition includes extra case studies, plus a reading list, topic review guide, and valuable updates throughout the *Guide*.

To order, go to www.ChemTechLinks.org or call the American Chemical Society at 1-800-227-5558.

Call for application for the office of Chair-Elect of COCTYC for the year 2008

Application for Chair-Elect must include:

- a. Pertinent personal data such as name, college, job title, address, etc.
- b. Brief statement of pertinent qualification, signed by the nominee.
- c. A statement indicating a willingness to serve signed by the nominee.
- d. A statement of support from an appropriate person in the applicant's school.
- e. To be eligible to be nominated an individual must:
 1. be a two-year college chemistry teacher
 2. have been a dues paying member of 2YC₃ a minimum of three years prior to nomination
 3. be a member of DivCHED
 4. be a member of ACS
 5. have demonstrated leadership and organizational ability by serving as Chair or Co-Chair for a conference and in one or more of the following capacities:

- a. served three years on the Executive Committee
- b. served as Local Arrangements Chair for a Conference
- c. chaired a sub-committee
- d. contributed within the past three years two or more ways such as:
 - acted as local industrial sponsor coordinator,
 - chaired a conference section,
 - presented a paper at a conference,
 - moderated a panel at a conference,
 - other ways an individual has contributed

-Applications must be received by the Chair no later than September 1, 2006.

-The COCTYC will serve as a nominating/screening committee to generate a slate of two candidates.

-Each 2YC₃ member shall vote for one nominee and the candidate who receives the greater number of votes shall be declared elected.

-Ballots must be received by the Chair postmarked no later than 12/31/2006.

-Ballots will be counted by the Chair in the presence of a Notary.

-The results of the election will be reported in the first possible newsletter.

Consider Nominating a Colleague or Applying Yourself. As Chair-Elect you will be part of a dynamic organization. You'll find it a very rewarding experience!

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& Efficient

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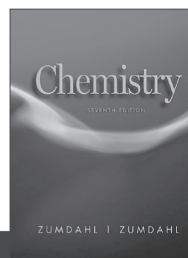
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