

Chemistry Outlook

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



Ed Kremer, 2005 Chair

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Vol. 2005 - II

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Notes From The Chair

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Ed Kremer
Kansas City Kansas Community College
Kansas City, KS 66112

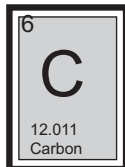
My first conference as Chair is now under my belt. Palomar was a successful conference and provided lots of insight into forensic dentistry, NSF funding opportunities, ACS student affiliate groups, and a wide array of chemistry teaching tools. The banquet talk on China, Art and Molecules by Preston MacDougall was very enlightening. Theoretical chemistry gives a definite picture of what chemistry is all about. As I stated in my last notes, there is always something to bring home from a 2YC₃ conference.

During the conference, the current officers, and past chairs talked about the state of our organization. Three noteworthy plans of action were put into effect. First, we elected Dr. Kelly Befus from Anoka-Ramsey CC to finish out the treasurers term. Second, Lance Lund also from Anoka-Ramsey, took on the role of webmaster for the 2YC₃. Check out the new site at www.2YC3.org. Many thanks go out to Jay Bardole, Measurenet Technology, and Lance for their work on the previous and new websites. Third, we developed a survey of what we can do to meet the needs of our members. Please take a look at the survey on page 2 and tell us your thoughts.

I look forward to the 171st meeting at Bucks County CC. The title: "The History of Chemistry: From the Past Comes the Future" fits with the time I spent talking with Dave Klein and Dick Gaglione about the history of the 2YC₃. Both gave their perspectives on past and present interactions with DIVCHED and the ACS; expressing the need to maintain and strengthen these interactions. Their passion and commitment to the organization shined throughout our discussion. I'll try to blend their insights with those of Dick Jones after his talk at the 171st conference.

The 172nd conference at Harper College is shaping up as well, "Renovating Your Chemistry Program". I'd like to see our chemistry labs renovated. However, I'll probably have to be content with renovating curriculum instead. As summer approaches, I want to wish all an enjoyable break from the campus. I will be teaching biochemistry this summer. I plan to develop a couple of new assignments for my students, using computer modeling and database searches. That should keep me pretty busy. I also plan to take the family out for a relaxing week camping in Colorado.





Conference Calendar

2005 - 2006 Academic Year

171th Conference (Eastern)

October 14-and 15, 2005 , Bucks County Community College, PA

Contact : Michaleen Lee
Phone: (215) 968-8364
Email: leem@storm.bucks.edu

172nd Conference (Midwestern)

Nov. 18 and 19, 2005, William Rainey Harper College, Palatine, IL

Contact:: Julie Ellefson-Kuehn
Phone: (847) 925-6694
Email: jellefso@harpercollege.edu

173rd Conference (Southern)

March 24 and 25, 2006, Georgia Perimeter College, northeast of Atlanta, Georgia

174th Conference (Eastern) 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.vinu.edu

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

We have a new Webmaster!

Thank you Jay Bardole for serving as the first and only 2YC₃ webmaster. Your work is greatly appreciated. Lance Lund will take over Jay's duties as webmaster. He will give the website his own touch, but he will also preserve much of the basic structure and materials Jay has made available on the website over the years.

Please take a few minutes to go to our new website and make suggestions. Lance appreciates your feedback. For more information on Lance please see page 9.

Lance S. Lund Phone: 763-422-3483
lance.lund@anokaramsey.edu

We have a new Treasurer!

Thank you Rick Bolesta for your many years of service to 2YC₃. Unfortunately Rick had to resign from his most recent office of treasurer. He has promised to try to attend 2YC₃ conferences in the future and to stay in touch. Kelly Befus was elected to take over as treasurer. More on Kelly on page 9.

2YC₃ Conference Topics Survey

Which topics would you like to see at future 2YC₃ conferences? Rank your top three choices. Give a score of 1 for your highest ranking and a score of 3 for your third choice. Mail survey to Ed Kramer, Chair, or submit online.

- _____ Lab Safety
- _____ Chemical Demonstrations
- _____ Online Delivery/Distance Education
- _____ Teaching 1st Year Courses /Textbook Authors
- _____ Allied Health/GOB Curriculum
- _____ Retention/Assessment
- _____ Inquiry-Based Labs/Project-Oriented Labs
- _____ POGIL presentation/ workshop
- _____ Undergraduate Research
- _____ NSF/Other Workshops
- _____ Organic Chemistry Curriculum
- _____ Case Study Organic Labs
- _____ Other _____
- Do you have suggestions for a specific speaker you would like to hear? _____

Passer Education Grants

These grants are made possible through a generous donation of Dorothy and Moses Passer. Moses (Mike) Passer was for many years the head of the ACS Education Division. The grants are to provide support for teachers in small programs at two- and four-year colleges that do not have any advanced degree programs in the chemical sciences. The awards are to support continuing education activities and must be directly related to the applicant's teaching. These activities must take them away from their campus. The applicant must be a full time faculty member at his or her institution. The applications are reviewed by a committee. There is no application form but the application must include a description of the proposed activity and how it relates to his/her teaching with dates, locations, titles and contacts; a brief description of the applicants institution and department; a short curriculum vita; an itemized estimate of expenses, amount of aid requested and sources of all supplemental funds including his/her own. The success rate is very high for applications. Closing dates are three times each year: January 1, April 1, and September 1. For further information or inquiries contact Donald E. Jones, djones@erols.com; mailing address: 3726 Connecticut Avenue, NW, Apt. 108, Washington, DC 20008.

2005 COCTYC AND SUPPORT STAFF
Division of Chemical Education, Inc
American Chemical Society
2005 Roster of Committee Members

Chair

Ed Kremer, Kansas City Kansas Community College
 7250 State Ave, Kansas City, KS 66112
 Office: (913) 288-7111 Fax: (913) 288-7419
 Home: (816) 413-0913 Email: ekremer@toto.net

Chair-Elect

Dolores C. Aquino, San Jacinto College Central
 P.O. Box 2007, Pasadena, TX 77501-2007
 Office: (281) 476-1501 ext. 1663 Fax: (281) 478-2757
 Home: (713) 668-8215 Email: dcaquino2000@cs.com

Treasurer/ College Sponsors

Kelly Befus, Anoka Ramsey Community College
 300 Polk St. S., Cambridge, MN 55008
 Office: (763) 689-7415 Email: Kelly.Befus@anokaramseu.edu

Membership Co-Chairs

Lance S. Lund and Patty Pieper,
 Anoka-Ramsey Community College,
 11200 Mississippi Blvd., NW Coon Rapids, MN 55433
 Office: (763) 422-3483 Email: Lance.Lund@anokaramsey.edu
 Office: (763) 422-3480 Email: Patty.Pieper@anokaramsey.edu

Industrial Sponsor Chair

Michaeleen Lee, Bucks County Community College
 275 Swamp Road, Newtown, PA 18940
 Office: (215) 968-8364 Fax: (215) 504-8520
 Email: leem@storm.bucks.edu

Assistant Ind. Sponsors Chair

Mike Canestaro, Sinclair Community College
 Chair, Chemistry, Geology & Geography
 444 West Third St., Dayton, OH 45402
 Office: (937) 512-2322 Fax: (937) 512-5007
 Email: mcanesta@sinclair.edu

Newsletter Editor

Carol Handy, Portland Community College
 P.O. Box 19000, Portland, OR 97280-0990
 Office: (503) 977-8068 Fax: (503) 977-8020
 Home: (503) 452-0327 Email: carolhandy@comcast.net
 or chandy@pcc.edu

Immediate Past Chair

Sonja Davison, Tarrant County College, Northeast
 828 Harwood Rd., Hurst, TX 76054
 Office: (817) 515-6346 Fax: (817) 515-6601
 Home: (817) 485-7833 Email: sonja.davison@tccd.edu

Past Chairs (Members of COCTYC)

Bill Haley, San Antonio College
 1300 San Pedro Ave, San Antonio TX 78212-4201
 Office: (210) 733-2712 Fax: (210) 785-6402
 Home: (210) 496-3086 Email: whaley@accd.edu

Clarita Bhat, Shoreline Community College
 16101 Greenwood Ave North, Shoreline, WA 98133
 Home: (425) 745-9550 Email: clarita@bclabs.biz

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

2YC₃/Division of Chemical Education Joint Membership Form

This is a special offer for 2YC₃ members who are not already members of the Division of Chemical Education. The dues for 2YC₃ are \$15.00 and the dues for the Division of Chemical Education are \$20.00. If you are not now a member of the Division of Chemical Education, you can join the Division and renew your membership with 2YC₃ for only \$30.00, a savings of \$5.00. Renew my 2YC₃ membership ____ I wish to join DivCHED as: ____ a Member (ACS Members only)

____ an Affiliate (non ACS Members)*

*affiliates have all membership privileges except voting and holding elective office

Your Name: _____

Home Address: _____
 Street City, State Zip Code

Work Address: _____
 Street City, State Zip Code

College Phone: _____ Email: _____

Send 2YC₃ Newsletter and CHED Newsletter to Home _____ Work _____

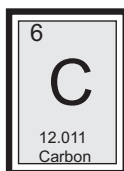
Send ACS Member Form Yes _____ No _____

2YC₃ Membership Information: Are you a
 _____ Two-Year College Teacher? _____ Four-Year College Teacher?

_____ High School Teacher? _____ Other

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.

**171st 2YC₃ Conference And
Bucks County Science Teachers Association Fall Meeting
With CETP-PA and Chemical Heritage Foundation collaboration
“The History of Chemistry: From the
Past Comes the Future”
October 14-15, 2005
Bucks County Community College
275 Swamp Rd, Newtown, PA 18940**



Conference Program - Tentative

If you would like to be a presenter or panelist please contact Michaelleen Lee. We have room to expand the program.

Program Chair: Michaelleen Lee, leem@bucks.edu 215-968-8364

Exhibits Chair: Leticia El-Naggar, elnaggar@bucks.edu 215-968-8357

Local Arrangements Chair: Lin MacGregor, macgrego@bucks.edu 215-968-8372

Thursday, October 13

6:00-9:00 Possible Social Hour (Are you interested? Please let me know)

Friday, October 14

8:00-9:00 Continental Breakfast

8:00-4:00 Registration and Exhibits

9:00-9:15 Welcome and Opening Remarks

9:15-10:15 Keynote Address

Mark Michalovic, Chemical Heritage Foundation

10:15-10:30 Refreshments and Exhibits

10:30-11:15 “Dyeing Industry in the 18th Century” Kim Browning, Catawba Valley Community College, North Carolina

11:15-12:00 “Using LabWorks in General Chemistry” Bill Yorke, Bucks County Community College

Or

“A History of 2YC₃”, speaker to be announced

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

1:30-2:30 Keynote Address

“The Richness of Difference-International Center for First-Year Undergraduate Chemical Education”, Paul Kelter, University of Illinois, IL

2:30-5:30 Workshop, “An Online Chemistry Curriculum”, John Penn, West Virginia University

- 2:30-3:15 “The Classroom and the History of Chemistry” Joseph Schmuckler, Temple University
- 3:15-3:30 Refreshments and Exhibits
- 3:30-4:15 “Assisting Transfer Students: Tapping Into the Resources,”
Jodi Wesemann, American Chemical Society, Washington, D.C.
- Or
- “Coming Full Circle” Panel of Faculty/Staff now at the Community College they attended,
Panelists: Bill Magilton and Donielle Donley, Bucks County Community College.
(others needed)
- 4:15-5:00 To be announced (BCSTA) or To be announced (CETP)
- 6:30 Banquet
Banquet Address: “An Illustrated Tour of the Oesper Collections in the History of Chemistry,”
William Jensen, University of Cincinnati

Saturday, October 15

- 8:00-4:00 Exhibits
- 8:00 Registration and Continental Breakfast
- 9:00-10:00 Keynote Address
“A History of General Chemistry Textbooks.” James Spencer, Franklin and Marshall College
- 10:00-4:00 POGIL workshop, Rick Moog, Franklin and Marshall College
- 10:00-10:45 “Invite a Chemist to Lunch” George Kriz, University of Washington,
- 10:45-11:00 Refreshments and Exhibits
- 11:00-12:30 “What to do About the Organic Curriculum” Panel:
Moderator: Clarita Bhat Shoreline Community College, Shoreline, WA
Panelists: Evon Martins, Montgomery County Community College Blue Bell, PA
Leticia El-Naggar, Bucks County Community College (other panelists needed)
- Or
- 11:00-11:45 To be announced (BCSTA) or To be announced (CETP)
- 11:45-12:30 “Teaching Science through the Decades” Panel (K-12)
Moderator: Connie Welke Neshaminy School District (Panelists Needed)
- Or
- “The Journey of 2YC₃ with the Division of Chemical Education”
Richard Jones, Sinclair Community College, Dayton, Ohio.
- 12:30-1:30 Lunch
- 1:30-2:30 Keynote Address
“The History of African American Women in Science”
Jeanette Brown, Chemical Heritage Foundation

- 2:30-3:15 "A History of Chemical Instrumentation,"
Cecil Dybowski University of Delaware, Newark, Delaware
Or
"Competitive Exercises in the Classroom as a Means of Motivating Students."
Kevin Cannon, Penn State University
- 3:15- 4:00 "Chemistry and Art Through the Ages" (tentative)
"The Partnership of Chemistry and Biology" (tentative)
- 4:00 Conference Closing
-
-

We will offer tours of the Chemical Heritage Foundation in Philadelphia during the conference.

172nd 2YC₃ Conference
Renovating Your Chemistry Program
(from the ground up)
November 18-19, 2005
William Rainey Harper College
1200 W. Algonquin Road, Palatine, Illinois 60067

Preliminary Program

Thursday, November 17

6:00 - 9:00 pm Social Mixer (optional)

Friday, November 18

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, November 19

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 2YC ₃ General Membership Meeting
1:30 - 4:00 pm	Presentations, workshops, and exhibits
4:00 - 4:15 pm	Closing Remarks

Call for Papers for the 172nd 2YC₃ Conference

If you are interested in presenting a paper or poster or facilitating a workshop, please send an abstract to Julie Ellefson at jellefso@harpercollege.edu. A wide range of topics is appropriate for the "Renovating Your Chemistry Program" theme, including, but not limited to, designing new facilities, laboratory safety and chemical hygiene plans, new curriculum, on-line and blended courses, classroom research, and undergraduate research. Posters and papers by students involved in undergraduate research are welcome.

Student Affiliates at two-year colleges garner national attention

If you've ever been to the Student Affiliates (SA) Chapter awards ceremony at an ACS spring national meeting, you can't help but notice one thing: chemistry students have amazing lung capacity. But another thing you may not recognize as the list of award-winning Student Affiliates Chapters is announced is a small subset of Student Affiliates distinguishing themselves by their chapter excellence and leadership. Student Affiliates Chapters at two-year colleges are growing in number and strength, and they're starting to cause quite a stir.

Although the number of Student Affiliates Chapters at two-year colleges is smaller than the number of chapters at four-year institutions, these established chapters are setting the bar for chapter involvement and activity, and debunking the myth that a two-year program can't support a thriving Student Affiliate population. Student Affiliates from two-year colleges shined particularly bright at the 229th ACS National Meeting in San Diego.

This year, the Southwestern College Student Affiliates Chapter, a two-year college in Chula Vista, California that won an honorable mention award, hosted the Undergraduate Social. The three hour event featured games, a film backdrop, a team of deejays, dinner and dancing, and over \$1500 in prizes from three corporate sponsors.

The SA chapter officers from the Illinois Valley Community College (Ogelsby), winners of an outstanding chapter award, hosted a Student Affiliates Chapter workshop which focused on recruiting volunteers shared some of their award-winning secrets. In a college with only two-to-four chemistry majors each year, the chapter recruits from other disciplines and encourages students to recognize the chemistry intrinsic in other sciences. Officers make an effort to involve non-traditional students, and work closely with faculty to ease transitions.

Nine of the thirteen Student Affiliates Chapters at two-year colleges were honored with awards for their 2003-2004 chapter activities. Six of the student volunteers for the national meeting hailed from two-year schools. And 2 two-year colleges were awarded Student Affiliate Chapter national meeting travel grants for the San Diego meeting.

All of these chapters are dedicated to developing and enhancing their pre-professional skills while engaging in the educational and networking opportunities made available to Student Affiliates. And new schools join the ranks every month.

Starting a Student Affiliates Chapter at a two-year college is now easier than ever. Six Student Affiliates and chapter bylaws are all that is needed for a chapter charter. Along the way, chapters at two-year colleges have access to individual mentoring to help make sure that the program has all the support it needs.

If you'd like more information about starting a Student Affiliates Chapter on your campus, email saprogram@acs.org or call Allison Byrum at 1-800-227-5558 ext. 6188. Get involved now, and take advantage of the invaluable resources the Student Affiliates Program can offer your chemistry students.

Allison Byrum is an Education Associate, Undergraduate Programs, Education Division. A_byrum@acs.org.



**College Chemistry
Consultant Service
to Pilot Visits
Focused on Stu-
dent Transitions**

Given the growing number of students attending two-year colleges and the importance of broadening participation in science and chemistry, it is essential for the chemistry community to facilitate undergraduate student transitions across institutions. As reported in "Undergraduate Transitions: Enhancing Student Success" (*Journal of Chemical Education*, Vol. 82, p 196-198, February 2005), this requires

- increasing the awareness of the various approaches that are being pursued and the need for involvement of chemistry faculty in these efforts;
- improving communication among all parties involved – students, advisors, administrators, faculty at the transferring institution, and faculty at the receiving institution; and
- developing partnerships for sustaining regular interactions, promoting the benefits to all partners, and maintaining a focus on the students.

The College Chemistry Consultant Service (C₃S) can provide assistance in each of these areas. Institutions participating in the pilot program will be visited by teams consisting of a consultant from a two-year college and a consultant from a four-year institution. The schedules for visits, established in conjunction with the C₃S teams, should include representatives from both the transferring and receiving institutions.

If your program is interested in participating, please contact Steven Iwanowski at s_iwanowski@acs.org or 1-800-227-5558 x 6124. A limited number of grants are available.

Please visit the 2YC₃ website
<http://2yc3.org>

To renew your membership
To sign up as a new member
To fill out the survey on future
Conference Topics
To Make Suggestion to Our
Webmaster, Lance Lund
Lance.Lund@anokaramsey.edu

Conference Chairs Needed! It All Started with a Conference

In 1961 a group of Junior College chemistry faculty and department chairman met in Chicago, Illinois for the first Two-Year College Chemistry Conference at the Navy Pier. The new organization putting on the conference was headed up by Bill Mooney and consisted of members from across the country including Dr. Ava Josephine McAmis, the chairman of the Chemistry department at San Antonio College. She was the chairman of the department when I started to work at San Antonio College in 1964. Dr. "Mac" insisted on being called a department chairman and would correct you if you identified her as the chairwoman of the department.

The organization continued to put on conferences and in 1971 I participated in my first 2YC₃ conference at San Antonio College. Eventually the name of the group changed to the Two-Year College Chemistry Consortium and the executive committee of the group became the Committee on Chemistry in the Two-Year College a committee of the Division of Chemical Education of the American Chemical Society.

The purpose of the conferences was to keep community college faculty aware of changes in chemical education and to give them a chance to meet others in their profession and share ideas while spending much less than other conferences. On March 11th and 12th, 2005 the 170th conference was held at Palomar College in San Marcos, California and the conference registration fee was only \$20.00. The only other costs at the conference are associated with some meals during the conferences but these are optional. We try to be "cost friendly" for our colleagues at community colleges with little or no travel money available. We also try to have conferences in different parts of the country each year to reduce the travel costs as well.

We very much want to keep this tradition going but we need you to step forward and

be willing to help Chemical Education at community colleges around the country by offering to hold a conference at your college. We provide assistance to conference planners through a conference planning manual developed specifically for our conferences. We also provide mentors to conference planners to personally assist them as needed in the process. Our mentors have put on previous conferences and are quite willing to help their colleagues. We also have some "seed money" available to cover costs in the planning stages. The thought of putting on such a conference may sound a little intimidating but Dr. Ann Cartwright of Pasadena College in Houston was even able to mentor me through the conference that I organized in 1996 at San Antonio College. Other members of my department stepped forward and helped to work with exhibitors and local arrangements and in providing transportation for attendees during the conference.

At this time we are seeking Conference chairs for conferences starting in the Fall of 2006. Please consider keeping a good tradition going and contact me or any member of the executive committee if you are interested in hosting one of our conferences. Thanks!

Bill Haley, Future Conference Sites
Coordinator and Past Chair(2003)

Gordon Conference

While many of you may have already seen the announcement below for the upcoming Gordon Conference on Chemistry Education, I wanted to write and ask you to encourage your community college colleagues to consider applying to the conference. We have received a grant from the National Science Foundation to help support attendance of faculty from 2-year colleges at the conference. I would appreciate your sharing this information through the 2YC₃ network and with other colleagues you feel may be interested. If you have not yet applied yourself, please consider doing so. Review of applications will begin on March 4.

The 9th Gordon Research Conference on Chemistry Education Research and Practice (formerly titled Innovations in College Chemistry Teaching) will be held June 26-July 1, 2005 at Connecticut College.

A schedule of speakers is posted on the GRC site at <http://www.grc.uri.edu/programs/2005/chemedu.htm>

If you have not attended a Gordon Conference before, the atmosphere is a little different than most other conferences. The attendance is generally limited to 100-120 people and there are two sessions per day - one in the morning and one in the evening, with the afternoons free to network, organize informal sessions or sightsee. The conference speakers are encouraged to stay on the conference site all week to interact with the conference attendees, and the sessions are often the subject of intense debate! (These are not just 40 minute presentations with one or two polite questions. There is often 20-30 minutes of discussion after each speaker presents his or her research findings.) The Gordon Conferences tout their reputation for showcasing the frontiers of science in a wide variety of fields, including chemistry education.

Registration applications are available from the main GRC conference site at <http://www.grc.org/application/apply1.cfm> Acceptance of applications to the conference will commence in March. Conferees are encouraged to submit a poster abstract.

So, if you're interested in presenting a poster or in just attending the conference to learn about chemistry education research and innovations in the teaching and learning of chemistry, go ahead and apply now. Mark those dates on your calendar.

All the best,
Stacey Lowery Bretz
Chair, 2005 Gordon Research Conference,
Chemistry Education Research & Practice
slbretz@ysu.edu

Get to know the new members of the 2005 COCTYC

Patty Pieper was appointed co-membership chair of the 2YC₃ in December 2004 along with Lance S.Lund. Patty has taught organic, general and introductory chemistry at Anoka-Ramsey Community College in Coon Rapids, Minnesota since 1998. She has regularly attended 2YC₃ conferences since she started teaching. Patty received a Ph.D. in organic chemistry from the University of Minnesota in 1997 and a B.S. in Chemistry and B.A. in Spanish from Augsburg College in Minneapolis in 1990. Patty lives in New Brighton, Minnesota with her husband, Rich, and two daughters, Sarah (11) and Meghan (8). Patty's interests include traveling and socializing with friends and family.

This past December, **Lance Lund** was also appointed co-membership chair to replace the position vacated due to a resignation. Lance has taught on the Coon Rapids Campus of Anoka-Ramsey Community College in Minnesota since 1992. He holds an M.A.T. in Chemistry from Minnesota State University Mankato and a B.S. in Chemistry from Morningside College in Sioux City, Iowa. Lance enjoys downhill skiing, boating, gardening, fishing, music, and computers. He resides in Andover, Minnesota with his wife, Kimberly, and sons, Sterling and Cyrus. Lance S. Lund will also serve as webmaster for the 2YC₃.

Kelly Befus, Ph.D. has been appointed treasurer to complete Rick Bolesta's term. Kelly is currently at Anoka-Ramsey Community College in Cambridge, Minnesota. Her background is in organic chemistry but she is currently teaching introductory and 1st year general chemistry courses. Kelly has been a member of 2YC₃ since 1995. Kelly lives in Blaine, Minnesota with her husband, Michael and daughter, Amanda. When the ground thaws in Minnesota, there is a high probability you will find her in her garden.

Note from the new treasurer.

I am really working on making a smooth transition between treasurers. You may get a call or letter from me confirming that we have our records correct concerning 2YC₃ College Sponsorship. On the 2YC₃ website, www.2yc3.org, you will find a list of 2004 College Sponsors. Please take a moment to check out the new website. The invoices for the 2005 College Sponsors will be mailed out at the end of April. The 2005 College sponsors will also be listed on this website as we receive them. I am looking forward to serving you as treasurer.
Kelly Befus

Paris Svoronos: Profile of a Two-Year College Chemistry Educator

Dr. Paris Svoronos is the current Chair of the Chemistry Department at Queensborough Community College (QCC) of the City University of New York (CUNY). The College is located in Bayside, NY and was the site for a 2YC₃ meeting in the fall of 1995 for which Svoronos was the Program Chair. Since then he has distinguished himself as an innovative educator who has not only recruited many students into the chemistry program but has also achieved success in increasing student retention and assisting them in making successful transition to four-year institutions and then onto graduate and/or medical schools.

Svoronos' undergraduate research program has enriched the education of students in the chemical sciences at QCC and contributed to their increased retention. He has also authored several widely used undergraduate laboratory manuals and is particularly proud of his students' successes in research presentations, paper publications and professional accomplishments. In November, 2003 he was selected by the Carnegie Foundation and the Council for Advancement and Support of Education (CASE) as the "outstanding community college professor of the year," an honor bestowed to only one out of 400 nominees every year.

Paris, a native of Greece, came to the United States in 1973 and earned his Ph.D. in synthetic organic chemistry at Georgetown University. He joined the faculty at QCC in 1981 and by 2001 was not only a full Professor but also the Chair of the Department. In addition, he holds a continuing appointment as a visiting professor in the Chemistry Department at Georgetown University where he has taught their summer session premed organic chemistry course.

Picture on p. 10



Patty Pieper, Lance Lund, Kelly Befus

Call for application for the office of Chair-Elect of COCTYC for the year 2007

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, 2005. (As soon as possible!)

-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 12/31/2005.

-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.

Call for application for the office of Industrial Sponsors Chair of COCTYC for a three year term beginning 2006

Application for Industrial Sponsors Chair must include:

- a. Pertinent personal data such as name, college, job title, address, etc.
- b. Brief statement of pertinent qualification, signed by the nominee.

A statement indicating a willingness to serve signed by the nominee.

- c. A statement of support from an appropriate person in the applicant's school.
- d. 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

-Applications must be received by the Chair no later than September 1, 2005.

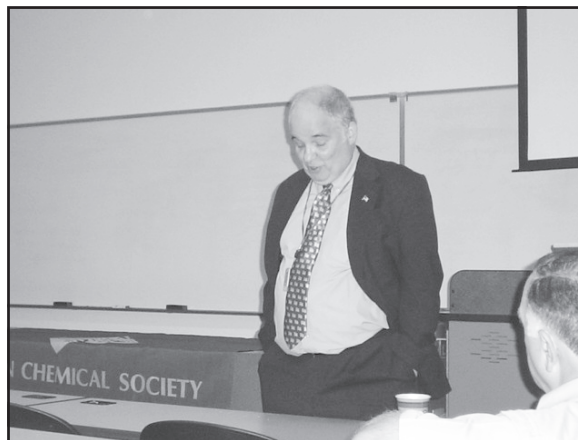
-The COCTYC will serve as a nominating/screening committee to generate a slate of two candidates.

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

-Ballots must be received by the Chair postmarked no later than 12/31/2005.

-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.



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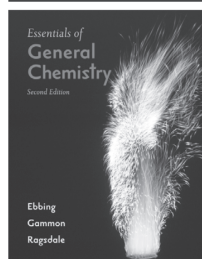
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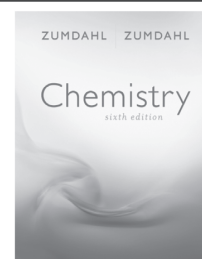
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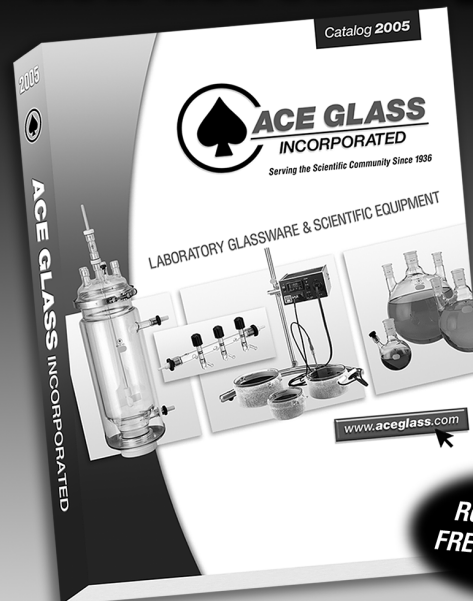
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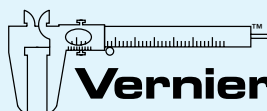
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