

Chemistry Outlook

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



Bill Haley, 2003 Chair

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otes From The Chair

Bill Haley San Antonio College San Antonio, TX 78212-4201

As I write this, my term of office as chair of the COCTYC is more than half over and I have just completed teaching one section of Organic Chemistry Lecture I and one section of Organic Chemistry Lab I during the first summer semester at San Antonio College.

The residents of San Antonio have been waiting today on the arrival of the remains of Hurricane Claudette to our city and the wind has picked up a little speed and the rains have just started. I am also looking forward to attending CHEMED 2003 at Auburn University in about ten days and hopefully will be meeting a number of the readers of Chemistry Outlook there.

Our next 2YC3 Conference, the 164th, will be held Friday, October 17 and Saturday, October 18 at Elizabethtown Community College in Elizabethtown, Kentucky. It is a very pretty location in central Kentucky and we will be arriving at a very nice time of the year. The conference theme, "How Chemistry Education Pays", is an appropriate topic at a time when the number of chemistry majors has been dropping in recent years. We may become better prepared to handle those questions about "Why do I need to take this Chemistry course?" after attending this Conference.

Our Final Conference of 2003, the 165th, will be held one month later on Friday, November 14 and Saturday, November 15 in Lowell, Massachusetts. The Conference is jointly sponsored by the University of Massachusetts, Lowell, the New England Association of Science Teachers and Middlesex Community College. Many of us have questions about genetically engineered agricultural products, the use of irradiation of foods to prevent deterioration and the "Green Revolution". Understanding the properties of "designer foods" and the development of public policy which will provide safety to the general public are important concerns associated with modern food technology. These developments continued on page 2



onference Calendar

2003-2004 Academic Year

164th Conference (Southern)

October 17-18, 2003 Elizabethtown Community College

Elizabethtown, KY

Contact Wheeler Conover

Email: wheeler.conover@kctcs.net

165th Conference (Eastern)

November 14-15, 2003 Middlesex Community College

Lowell. MA

Contact Dotty Stumpf

Email: stumpfd@middlesex.cc.ma.us

166th Conference (Western)

March 26-27, 2004 Right before the ACS meeting in Anaheim, CA - March 28-April1, 2004

167th Conference (Midwestern)

July 18-22, 2004 BCCE, Iowa State U., IA

http://www.chem.iastate.edu/biennialconferenceon chemical/

Contact John V. Kenkel

Email: jkenkel@southeast.edu

168th Conference (Western)

Early Fall, 2004 Edmonds Community College Lynnwood, WA

Remember to check the web for information on future meetings! http://2yc3.org or http://2yc3.vinu.edu/

"Help Wanted!! Desperately seeking a co-chair to help plan the 2YC₃ 169th Conference for the 2004 SE Regional ACS meeting. The event will be held at Research Triangle Park Area, North Carolina on 11/10/2004 - 11/13/2004. The volunteer would work with Clarita Bhat, 2002 2YC₃ Chair, to plan symposia and other events.

Payment: Much gratitude and the satisfaction of having done something very worthwhile. Please contact Clarita Bhat at ccbhat@aol.com."

will be the subject of this conference which has as its theme: "If You Are What You Eat, What are You?" If you would like to make a presentation at this conference then contact Dottie Stumpf at: stumpf@middlesex.cc.ma.us. A number of interesting tours have been planned. This conference seems like a great way to end the year and we hope to see a lot of our New England and Northeastern members as well as members from around the country at the 165th conference.

We would like to extend congratulations to John Kenkel from Southeast Community College in Lincoln, Nebraska who was chosen to be the Editor of the 2YC3 page in the <u>Journal of Chemical Education</u>. John is a long time member of 2YC3 and a well known author of texts on Chemical Technology. John will also be the Chair of a Symposium on "Implementing Modern Chemical Education Strategies in the Two-Year College" which will be held during the Fall, 2003, ACS meeting in New York, City, between September 7-11·

One last item is a plea to find a site for a conference March 26 and 27, 2004, the weekend prior to the Spring ACS meeting. There is still time to plan for this conference and 2YC₃ provides assistance to conference chairs in planning and provides some seed money to get the conference going. The conference should be held somewhere in the area around Anaheim, California which is the site of the ACS meeting. Please contact Rick Bolesta who works on conference planning at: bolestar@mhcc.edu or contact me at: whaley@accd.edu .

Establishing a Student Affiliates Chapter

By Emily Thompson

The beginning of the academic year is a great time to get your students involved on campus and in the community as ACS Student Affiliates. To encourage the establishment of more active chapters, the Student Affiliates Program will award the first three chapters at two-year colleges to activate or reactivate during the 2003-04 school year \$75 to throw an outstanding chapter social event.

Starting or reactivating a chapter at a two-year college is easy. The first step is to contact the ACS Undergraduate Programs Office. The staff will then assist faculty advisors and students with filing a charter, submitting a current chapter report, and verifying the required minimum of six paid national Student Affiliates. Chapters are then assigned a staff member to serve as a mentor for one year after activation.

Once your Student Affiliates chapter has been activated, you are on your way to having a successful school year. You should aim to have a variety of events, such as community and department service activities, speakers, tours, a National Chemistry Week celebration, fundraisers, and chapter business meetings. Remember, the Undergraduate Programs Office is here to help you in this process. For more information on starting or reactivating a chapter, contact Emily Thompson at e_thompson@acs.org.

2003 COCTYC AND SUPPORT STAFF Division of Chemical Education, Inc **American Chemical Society** 2003 Roster of Committee Members

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or chandy@pcc.edu

Immediate Past Chair

Clarita Bhat, Shoreline Community College 16101 Greenwood Ave North, Shoreline, WA 98133 Home: (425) 745-9550 Email: ccbhat@aol.com

Past Chairs (Members of COCTYC)

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Home: (701) 255-0280 Email: Frank.Koch@bsc.nodak.edu

Rick Bolesta, Mt. Hood Community College 26000 SE Stark St., Gresham. OR 97030 Office: (503) 491-7361 Fax: (503) 491-7481 Home: (503) 665-6353 Email: bolestar@mhcc.edu

2YC3 World Wide Web Page: http://2yc3.org or http://2yc3.vinu.edu/, Jay Bardole, WebMaster

2YC₃/Division of Chemical Education Joint Membership Form

This is a special offer for 2YC ₃ members who are not already members of the Division of Chemical Education. The dues for 2YC ₃ 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 2YC ₃ for only \$30.00, a savings of \$5.00. Renew my 2YC ₃ 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 2YC ₃ Newsletter and CHED N	Newsletter to Home	Work						
Send ACS Member Form Yes 2 YC₃ Membership Information : A								
		ege Teacher? eacher?	_ Four-Year College Teacher? Other					

Please send your check, payable to 2YC3, for \$15 (2YC3 only) or \$30 (joint membership) to: Dolores C. Aquino, San Jacinto College Central, 8060 Spencer Highway, Pasadena, TX 77501-2007

164th 2YC₃ Conference

"How Chemistry Education Pays" Friday/Saturday October 17-18, 2003 Elizabethtown Community College 600 College Street Rd. Elizabethtown, Kentucky 42701

Program Chair:

Wheeler Conover
Southeast Community College
700 College Rd.
Cumberland, KY 40823
(888) 274-SECC
wheeler.comover@kctcs.edu

Local Arrangements Chair:

Sue Ballard Elizabethtown Community College 600 College Street Rd. Elizabethtown, KY 42701 (877) 2GO-2ECC sue.ballard@kctcs.edu

You are invited to Elizabethtown Community College for the 164th 2YC₃ Conference, Friday/Saturday October 17-18. Elizabethtown, Kentucky is centrally located within 44 miles of Louisville to the North, 75 miles of Lexington to the Northeast, and 131 miles of Nashville to the South and is located at the intersection of three major highways Interstate 65, Bluegrass Parkway, and the Western Kentucky Parkway. ECC is a part of the Kentucky Community and Technical College System, with a goal to be the best two-year college system in the country by 2020.

Nearby are several distilleries that produce some of the country's finest liquors, Abraham Lincoln's birthplace, Bernheim Forest, camping, and My Old Kentucky Home. Elizabethtown is home to fourteen motels with reasonable prices and nearly fifty restaurants. This town of 20,000 is served by the Louisville International Airport, with all major airlines serving the area.

We will give you an opportunity to find out "How Chemistry Education Pays" during the conference. ECC has recently opened a new science building, which will be available for tours. For further information about Elizabethtown, please visit the website:

www.elizabethtownky.org

An exciting program is planned for the 164th conference in Elizabethtown. For the very latest information about the program, please follow this link:

http://www.secc.kctcs.edu/faculty/wconover/index.htm

and click "2YC3 Conference" on the left-hand bar.

Tentative Papers to be presented include:

- I. A Math/Science Academy in Eastern Kentucky for Middle School and High School students.
- II. Water quality testing with Middle Schoolers.
- III. Service courses in science for Community College Education students.
- IV. How to handle the media as a chemistry professor and/or an administrator.
- V. Incorporating automation into math and science experiments.

The banquet speaker, Dr. William B. Jensen, Oesper Professor of the History of Chemistry at the University of Cincinatti, will give us an overview of the new Oesper Museum in UC's Chemistry Department.

DIRECTIONS TO ELIZABETHTOWN COMMUNITY **COLLEGE:**

The nearest airport is Standiford Field, Louisville (Junction of I-264 and I-65). Follow the directions for I-65 South when leaving the airport.

NOTICE: University Drive Entrance is closed for construction From Bluegrass Parkway

Take Exit 1B to I-65 South toward Bowling Green.

Take Western Kentucky Parkway West (Exit 91) toward Paducah.

Take 31-W By-Pass North (Exit 136) toward Ft. Knox.

Turn left at first traffic light onto College Street Road.

Use either College Street or University Drive Entrance onto college Campus.

From Western Kentucky Parkway

Take 31-W By-Pass North (Exit 136) toward Ft. Knox. Turn left at first traffic light onto College Street Road. Use either College Street or University Drive Entrance onto college Campus

From I-65 North or South

Take Western Kentucky Parkway West (Exit 91) toward Paducah. Take 31-W By-Pass North (Exit 136) toward Ft. Knox. Turn left at first traffic light onto College Street Road. Use either College Street or University Drive Entrance onto college Campus.

From Louisville Area Using 31-W (Dixie Highway)

Take 31-W By-Pass South to light at Cardinal Bowling Plant. Take right onto 31-W By-Pass. Turn right at second traffic light onto College Street Road. Use either College Street or University Drive Entrance onto college Campus.

Obtain a parking permit from the Receptionist in the Administration Building—park in any available space. The conference will be held in the new Science Building. Tours will be available during the conference.

HOTEL ACCOMMODATIONS

Howard Johnson will hold 30 rooms with 2 Queen/Double Beds for \$56.00. Breakfast is \$3.99. Reservations must be made by October 1st. Mention the 2YC₃ conference for this rate. For reservations, call 270-769-9616. This motel, along with other local motels such as the Quality Inn, the Hampton Inn, and the Holiday Inn, is located off of U.S. 62 on the left at I-65, Exit 94. All the hotels are within walking distance of several restaurants, such as the Cracker Barrel, Bun Bakers, Texas Road House, Texas Outlaw Barbeque, and Ryan's Family Buffet. Most of these restaurants offer a 10% discount for guests.

PRE-REGISTRATION

164th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE

Elizabethtown Community College Friday and Saturday, October 17-18, 2003

Name	Institution			
Institution's Address				
Phone Number:	Emai	1:		
Memberships: (Check all th	nat apply)2YC ₃	ACS	DivCHED	
Are you a: Two-Year	College Teacher Four-Y	Year College Teacher	HS Teacher	
Conference Fees:	2003 2YC ₃ Membership Fed	e* \$15.00		
	162 nd Conference Fee	\$15.00		
	Friday Evening Banquet	** \$23.00		
	Friday's Box Lunch **	\$8.00		
	TO	ΓAL***		
No M	2YC ₃ Membership Fee at the 162 or 1 lembership Fee for High School Teach	ers.		
	Banquet/Lunch payments must be receive fter that date.	ved by September 25, 200.	5, \$1/\$2 additional fee for lunch/dinne	r
*** N	Make checks payable to Elizabethtown	Community College / 23	7C ₃	
MAI	L CHECKS AND/OR FAX INFORM	MATION AS SOON AS	POSSIBLE TO:	
	Sue Balla 600 College Elizabethtow	Street Road		
	Will you need a parking	g pass?		
Ple	ase indicate below any other special	accommodations that you	ı may require.	

Two-Year College Chemistry Consortium 165th 2YC₃ Conference

Jointly Sponsored by

Middlesex Community College
University of Massachusetts - Lowell
New England Association of Chemistry Teachers

November 14-15, 2003
Middlesex Community College
Lowell, Massachusetts

Explorations in Chemical Education

Integrating Food Chemistry, Health Science, and Technology

EXPLORE the dynamic city of Lowell, Massachusetts. Located on the banks of the beautiful Merrimack River, Lowell is the cradle of the textile industry which began the American industrial revolution. The city is now a tourist mecca with its many museums, restaurants, resident theater and the National Industrial Park which pays tribute to Lowell's historic past.

EXPLORE innovations in approaches to teaching and learning chemistry as well as savoring recent research into health related chemistry. 2YC3's co-sponsor, the New England Association of Chemistry Teachers (NEACT), is focusing this year on food chemistry so Saturday morning's program will feature related presentations. Also on this theme, we will have the opportunity to tour the Natick Labs . "Everything the soldier wears, carries and consumes is either designed, developed or integrated here" http://www.natick.army.mil/

Our other co-sponsor, the University of Massachusetts at Lowell, renowned worldwide for its plastics and polymer chemistry programs, is also the site of a nuclear research reactor which we plan to tour.

How are you exploring chemistry in your classroom and laboratory? Perhaps through hybrid and on-line courses, collaborative learning or problem based learning? How about use of technology in the laboratory and in the classroom, applications of chemistry (especially related to health and nutrition), interdisciplinary courses, and connections of community college chemistry to industry as well as K-16? We are still finalizing the program and continue to welcome proposals for presentations and workshops in any of those areas.

Please submit abstracts (200-300 words) to program chair:

Dorothy Stump
Middlesex Community College, Springs Road, Bedford, MA 01730
Phone: 781-280-3863
email:stumpfd@middlesex.cc.ma.us

Information on the conference will be updated on the 2YC₃ website at http://2yc3.vinu.edu or go to http://www.middlesex.cc.ma.us/2yc3.

We look forward to seeing you!!

You are invited to the Eighteenth Biennial Conference on Chemical Education, to be held July 18 to July 22, 2004 at Iowa State University of Science & Technology, in Ames, Iowa.

2YC₃ Contact person is John V. Kenkel, Email: jkenkel@southeast.edu

BCCE Website

http://www.chem.iastate.edu/bcce/

Our program committee is planning a wonderful array of workshops, presentations, plenary speakers, and posters designed to provide you with new ideas, strategies, and techniques for involving your students in active learning.

The program will have something for middle school science teachers, secondary school chemistry teachers, and college chemistry instructors. We invite you to share what works with your students with your colleagues. If you are new to chemistry teaching or if you are an experienced chemistry teacher, you will find this conference to be an excellent source of materials, techniques, and chemistry content for your students. The BCCE helps you make connections with colleagues and friends who are dedicated to teaching chemistry.

Important Deadlines

November 17, 2003 Proposals for Symposia Due.

* Instructions and Guidelines for Submitting a Proposal for a Symposium available on the web.

<u>September 12, 2003</u> "Call for Papers and Workshops" mailed and on-line submission of abstracts opens. <u>November 17, 2003</u> Symposia Proposals from Organizers due. <u>December 1, 2003</u> Proposals for Workshops Due.

* Instructions and Guidelines for Submitting a Proposal for a Workshop available on the web.

<u>December 1, 2003 Off-campus housing (motels) reservations due.</u> There are 15,000 extra people in Ames, IA during the 18th BCCE weekend due to Iowa Games Summer Sports Festival and Midnight Madness 5K and 10K Road Race!

<u>January 26, 2004</u> Submission of abstracts from contributors to a symposium due in Bloomington, IN. <u>February 16, 2004</u> All abstracts for talks and posters due in Bloomington, IN. March 5, 2004 Contracts from Exhibitors due (Due in Ames, Iowa).

* Instructions and Guidelines for Requesting an Exhibit Booth available on the web.

<u>April 1, 2004</u> Advance Registration Opens, Advance Program available - WWW access. <u>June 15, 2004</u> Advance Registration Closes.



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VWR International 975 Overland Court San Dimas, CA 91773

W. H. Freeman and Co. 41 Madison Ave. 35th Flr New York, NY 10010-2202

The Dorothy and Moses Passer Education Fund - Applications Accepted Now

This Fund was established by a generous donation of Dorothy and Moses Passer. Moses (Mike) Passer was for many years the head of the ACS Education Division. The Fund supports grants which are to provide support for teachers in small programs at two- and four-year colleges or universities that do not have any advanced degree programs in the chemical sciences. The awards are to support continuing education activities that must be directly related to the applicant's teaching and 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. No support will be given for general attendance at national, regional or local ACS meetings nor for any sabbatical support. Closing dates are three times each year: January 1, April 1, and September 1. Electronic applications are preferred. For further information or inquiries contact Donald E. Jones, diones@erols.com; mailing address: 3726 Connecticut Avenue, NW, Apt. 108, Washington, DC 20008.

Call for application for the office of Chair-Elect of COCTYC for the year 2005.

Application for Chair-Elect must include:

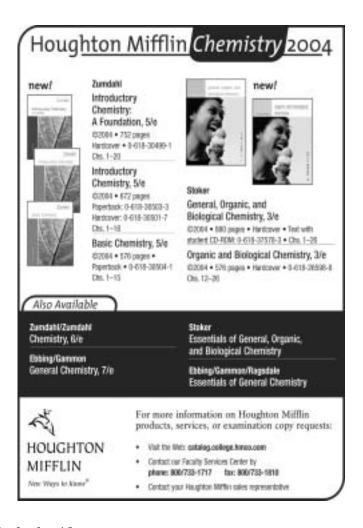
- a. Pertinent personal data such as name, college, job title, address, etc.
- b. Brief statement of pertinent qualification, signed by the nominee.
- c. A statement indicating a willingness to serve signed by the nominee.
- d. A statement of support from an appropriate person in the applicant's school.
- 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, 2003.
- -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 12/31/2003.
- -Ballots will be counted by the Chair in the presence of a
- -The results of the election will be reported in the first possible newsletter.

Call for application for the office of Membership Chair of COCTYC for the year 2004.

Application for Membership 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.
- 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
- -Applications must be received by the Chair no later than September 1, 2003.
- -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.
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- -Ballots will be counted by the Chair in the presence of a
- -The results of the election will be reported in the first possible newsletter.









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or Martin V. Stewart: mstewart@mtsu.edu (615)898-2073

or Write: Department of Chemistry, Box 68,

Middle Tennessee State University, Murfreesboro, TN 37132



Vincennes University Committee on Chemistry in the Two Year College

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