



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

7

Notes From The Chair

14.0067
Nitrogen

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

Hello everyone. I hope this note finds you well. As you get back in the trenches, I encourage you to gear up for chemistry by attending one of the fall 2YC₃ conferences. Invite a colleague to come with you. The fall conferences have a lot to offer. I'll say a little more about that in a moment.

As I write this, I am reflecting on how to take the curriculum outside of my classroom this year. Alternatively, you might say I want to cast a different light on chemistry for the students and myself. There are several ways to do this including: taking your class on a field trip, visiting a K-12 classroom, having students put on demonstrations, exploring the internet, or celebrating National Chemistry Week.

I have plans to visit a phosphorus plant in Lawrence in the spring. Visiting the K-12 classroom is taken care of by going to my children's school during my breaks. I also work on getting honors students to go out to the schools to carry out demonstrations and judge science fairs.

Online classes are here to stay. Finding resources for our online courses, has helped me with my on-ground courses as well. There is a wealth of information out there and many tutorial sites that we can offer as help to our students. In trying to get outside of the classroom, remember to use the virtual world.

This years NCW topic is "The Joy of Toys" and it will be held October 16-22nd. This week follows our first fall meeting on October 14th and 15th. Perhaps conference participants could bring an idea that they plan to share during the week. You can also send your ideas in via the web by going to www.2YC3.org and clicking on the contact link. Maybe, you could put together a poster of the event for the 172nd meeting in November.

Taking the curriculum outside the classroom fits right in with the 171st conference. Michaelleen has speakers on online curriculum, organic chemistry, and the history of chemistry. Of particular import to many will be the "Coming Full Circle" panel discussion by people now working at the community college they attended. Take a look at the enclosed program for more details.

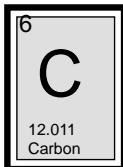
In all of the presentations we make, we are presenting a curriculum of

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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.viu.edu

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

The 19th BCCE at Purdue

The 19th Biennial Conference on Chemical Education is scheduled for July 30 – August 3, 2006, at Purdue University in West Lafayette, Indiana. A close cluster of meeting facilities, as well as new housing, food courts, and recreation areas make this a great site for the meeting. Additional information about the conference is available at our web site: <http://www.chem.purdue.edu/bcce/>, via e-mail at bcce@purdue.edu, or by phone at 765-494-5453.

Mickey Sarquis and Arlene Russell, Program Chairs, and Laura Slocum, the Secondary School Chair, are off to a great start. The program will include symposia and featured speakers addressing the public's view of chemistry; the chemistry of food; research in chemical education, physics education, and chemical engineering education; the first year chemistry course; and high performance chemistry. All participants will enjoy "Creative Demo Tales from Two Continents" with Bob Becker and Victor Obendrauf. Bill Carroll, ACS President, will provide the wrap-up presentation on the last morning of the Biennial.

But there is much more to a BCCE than featured speakers and related symposia. That's why we are soliciting organizers and suggestions for symposia, workshops, and demonstrations. Visit the link *Call for Symposia, etc.* on the web site listed above for more information.

Bill Robinson
BCCE General Chair

chemistry. In doing this, we need to think about our goals and how we assess them. This is especially important as curriculum monies are held more tightly. Having an effective curriculum and being able to show its effectiveness, are key to funding your program. Take a look at the DIVCHED resources <http://divched.chem.wisc.edu/> to help you in your planning. Try to attend the 172nd conference as well.

The 172nd conference theme is Renovating Your Chemistry Program. Presentations on developing research programs, remodeling the chemistry labs, and safety issues; promise to be excellent. As you listen to the talks pay attention to how the presenters integrate goals and assessment into the plans for their chemistry programs. The goals and assessment are key items in determining the renovations we can expect. Keep in mind that there are administrators who feel that the chemistry laboratory can easily be replaced by the virtual lab. They point to the high overhead of science labs and to research that says that the labs play little role in the overall performance of students on classroom assessment.

I encourage you to join in the professional development that the 2YC₃ provides. All of the ideas I presented here have been shaped by my interactions with the 2YC₃. Each conference provides me another piece for my chemistry toolbox. Please join our efforts to make our conferences a success and pick up some tools for yourself. Your input is what keeps our organization moving forward. Tie yourself into the history of the 2YC₃ as we renovate the chemistry world throughout the 21st century.

Have You Ever Considered To Be Part of the COCTYC, the Committee on Chemistry in the Two-Year College?

It is a rewarding experience to work closely with your chemistry colleagues nationwide and be part of the group that is making the 2YC₃ so successful.

The 2YC₃ Can Use You!

Please consider applying or nominating a colleague for 2007 Chair Elect or for 2006 Industrial Sponsors Chair!

The information needed on the applications can be found in the last newsletter, Volume 2005- II or on our 2YC₃ website, <http://2yc3.org>

Please ask any current COCTYC member about the duties and rewards of being part of this group.

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

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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 _____

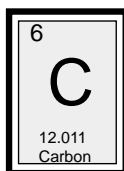
2YC₃ Membership Information: Are you a

_____ 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 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

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

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

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

Thursday, October 13

6:00-9:00 Possible Social Hour

TBA Executive Committee Meeting

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

11:15-12:00 “An Online Chemistry Curriculum”, John Penn, University of West Virginia

Or

“A History of 2YC₃”, David Klein, Kansas City Community College

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

1:30-2:30 Keynote Address

“Are They Prepared, and What Are We Preparing Them For,” Paul Kelter, University of Illinois

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

Or

“A Science Learning Center, Ildy Boer and Janet Johannessen, County College of Morris

- 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. and
Onofrio Gaglione, Community College of Southern Nevada
- 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.
Ildy Boer and Janet Johannessen, County College of Morris
- 4:15-5:00 “Using LabWorks in General Chemistry,” Bill York, Bucks County Community College
- Or
- “Assessing Our Chemistry Students,” Michele Turner, The University of Akron- Wayne College
- 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,
- Or
- “Preparing for Organic Chemistry,” Lillian Berg, Northern Virginia Community College
- 10:45-11:00 Refreshments and Exhibits
- 11:00-12:30 “What to do About the Organic Curriculum”
- Organizer: Leticia El-Naggar, Bucks County Community College
Moderator: Clarita Bhat, Shoreline Community College,
Panelists: Evon Martins, Montgomery County Community College
Joel Karty, Elon University, Ada Casare, Stockton State College
- Or
- 11:00-11:45 “A New Look at Colorimetry,” John Amend, Microlab, Inc
- 11:45-12:30 “Teaching Science through the Decades” Panel (K-12)
- Moderator: Connie Welke, Neshaminy School District
Panel: Frank Grimes, Council Rock School District
- Or
- “The Journey of 2YC₃ with the Division of Chemical Education” Richard Jones, Sinclair Community College
- 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 Or “Competitive Exercises in the Classroom as a Means of Motivating Students.” Kevin Cannon, Penn State University
3:15- 4:00	“Nanotechnology, You and Our Students,” Kevin Lampe, Bucks County Community College
4:00	Conference Closing

To explore Bucks County and its attractions, visit: www.buckscountycvb.org or www.ExperienceBucksCounty.com.
Lodging, Airport, Transportation, and Local Information

Lodging*

Hampton Inn & Suites of Newtown (the most conveniently located hotel close to the campus)
1000 Stony Hill Road
Yardley, PA 19067
Phone: 215.860.1700 Fax: 215.860.1771
www.hampton-inn.com/hi/newtown

The *Hampton Inn & Suites of Newtown*, is less than a 15-minute drive to the Bucks County Community College (Newtown campus) Conference site. It is 25 miles northeast of Historic Philadelphia (~ 30 minute drive). Hotel amenities include: outdoor pool, fitness room, laundromat, free high-speed internet, voicemail and local calls, and complimentary hot deluxe breakfast, evening snack, 24-hour coffee service, local paper and *USA Today*.

Blocks of rooms have been reserved for the following evenings: Thursday (October 13), Friday (October 14), Saturday (October 15), and Sunday (October 16). Spend as many nights as you desire.

A Special Conference Rate of \$99.00 plus tax per night is available when you mention the Group Code: “BUC.”
You are encouraged to make reservations early to assure yourself a room(s) at the discounted conference rate.

For reservations: Call 1.800.HAMPTON. On-line booking is available at: www.hampton-inn.com/hi/newtown.

The hotel reservation deadline is September 13, 2005. Reservation requests received after this deadline will be accepted on a space and rate availability basis only.

Airports

Philadelphia International Airport (PHL) – This airport is approximately 45 minutes (36 miles) from the Bucks County Community College Newtown campus. For specific flight information and directions, visit: www.philadelphia-phl.com.

Lehigh Valley International Airport (ABE) – This airport is approximately 90 minutes (54 miles) from the Bucks County Community College Newtown campus. For specific flight information and directions, visit: www.lvia.

Transportation

Rental cars are available at the airports (recommended).

Contact *Sterling Limousine* at 1.800.SLS-RIDE and ask for the special discounted *Hampton Inn & Suites of Newtown* preferred rates (www.sterlinglimoservice.com).

Septa’s 130 Bus Route runs through Lower Bucks County to the College’s Newtown campus six days a week, Monday through Saturday. For a schedule, visit: www.septa.org/service/bus.

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Conference Pre-Registration Form
171st Two-Year College Chemistry Conference (2YC₃)
October 14-15, 2005
“The History of Chemistry: From the Past Comes the Future”
Hosted by
Bucks County Community College
275 Swamp Road, Newtown, PA 18940

Name _____ Institution _____

Institution's Address _____
(Street) _____ (State) (Zip code)

E-mail Address: _____ Phone Number: _____

I teach at a: ____ 2-Year College I began my teaching career in the year: _____
____ 4-Year College I have been teaching for a total # of _____ years
____ High School (There is no membership fee for HS teachers and students.)

I would like to receive ACT 48 credit hours for my participation. ____ Yes ____ No

I plan to participate in the: ____ Workshop (Friday): “An Online Chemistry Curriculum” presented by John Penn
____ All-day POGIL Workshop (Saturday): presented by Rick Moog (limited seating)

Conference Fees

Registration (current 2YC ₃ members) @ \$20.00	\$ _____
Registration (includes 2YC ₃ membership) @ \$35.00	\$ _____
Luncheon Buffets (<i>Gallagher Room</i> , on-campus site)	
Friday @ \$10.00	\$ _____
Saturday @ \$ 10.00	\$ _____
Friday Evening Banquet (<i>Goodnoe's Family Restaurant</i>) @ \$25.00 (limited seating of 100)	\$ _____
TOTAL	\$ _____

Meals

Breakfasts – *Bucks Continental Breakfast* at Founder's Hall (Conference site) on Friday and Saturday and
Deluxe Continental Hot Breakfast at *Hampton Inn & Suites of Newtown* (if you are lodging there)
Luncheon Buffets – *Wraps with a Twist Basket* (including, salad, chips, fresh fruit, coffee/tea/soda, and dessert)
Friday Evening Banquet at *Goodnoe's Family Restaurant* (just a 5-10 minute drive from campus and/or hotel)
Dinner includes: garden tossed salad, roasted breast of chicken (stuffed with wild rice), roasted rosemary
red bliss potatoes, green beans almandine, drinks (plus wine), and Goodnoe's homemade ice cream.

Please indicate if you prefer a Vegetarian Fare: _____

Thursday Evening Social

Join us for an informal gathering at the *Hampton Inn & Suites of Newtown* on October 13th (7:00 pm-9:00 pm).
Please indicate, if you are interested in attending: _____

Registration Information

Send this registration form and check (payable to Bucks County Community College/2YC₃) to:
Linda L. MacGregor
Bucks County Community College
275 Swamp Road
Newtown, PA 18940

Directions (to Bucks County Community College, 275 Swamp Road, Newtown, PA 18940)

From Philadelphia International Airport: Take I-95 North to Exit 49 (Route 332 - Newtown/Yardley). Turn left at the exit light heading West towards Newtown (Route 332 West). Stay straight on this road. Within 3.5 miles you will come to a traffic light. Tyler State Park Entrance will be on your left. Go straight through the light. (Do not turn left into the Park or right towards shopping center!) The College's East Gate Entrance (on Swamp Road) is on the left (less than 1 mile).

Directions (to Hampton Inn & Suites of Newtown)

From Philadelphia International Airport (and I-95 South): Take I-95 North to Exit 49 (Route 332 – Newtown/Yardley). Turn left at the exit light heading West towards Newtown (Route 332 West). Turn left onto Stony Hill Road and then an immediate left into the Lower Makefield Corporate Center. The hotel is in back of the corporate center.

From New York & Points North: Take the New Jersey Turnpike South to the Pennsylvania Turnpike West – Exit 6. Take Exit 351 (Old Exit 28) to Route 1 North. Proceed (6.3 miles) to I-95 North. Take I-95 North (2.8 miles) to Exit 49 (Rte. 332 Newtown/Yardley). Turn left at the exit light heading West towards Newtown (Route 332 West). Turn left onto Stony Hill Road and then an immediate left into the Lower Makefield Corporate Center. The hotel is in back of this Center.

From the Pennsylvania Turnpike: Exit 351 (Old Exit 28) to Route 1 North. Proceed (6.3 miles) to I-95 North. Take I-95 North (2.8 miles) to Exit 49 (Route 332 Newtown/Yardley). Turn left at the exit light heading West towards Newtown (Route 332 West). Turn left onto Stony Hill Road and then an immediate left into the Lower Makefield Corporate Center. The hotel is in back of the corporate center.

There are countless activities and attractions waiting for you in Bucks County, so bring the family and make it a *Bucks County Get-Away Experience!*

*For more information about accommodations, restaurants, area attractions, and more, call 1.800.836.BUCKS or visit the Bucks County web sites at: www.buckscountycvb.org and www.ExperienceBucksCounty.com.

172nd 2YC₃ Conference Preliminary Program
Renovating Your Chemistry Program (from the ground up)
November 17 - 19, 2005, William Rainey Harper College
1200 W. Algonquin Road, Palatine, Illinois 60067

Thursday, November 17

6:30-7:30 COCTYC Business Meeting
 7:00-9:00 Social Mixer

Friday, November 18

8:00-5:00 **Exhibits**
 8:00-9:00 **Registration and Continental Breakfast**
 9:00-9:15 **Welcome and Opening Remarks**
 Dr. Robert Breuder, President, William Rainey Harper College

9:15-10:15 **Keynote Address**
 10:15-10:45 **Refreshment Break and Exhibits – Exhibit Area**

Session I Presentations

10:45-11:15 *Developing a Safety Program and Chemical Hygiene Program*
 Kelly Jones and Julie Ellefson, Harper College, Palatine, IL

11:20-11:50 *Producing a Laboratory Safety Video*
 C. Jayne Wilcox, Harper College, Palatine, IL

Session II Roundtable Discussion

10:45-11:50 *On-line and Blended Teaching and Learning*

11:55-1:30 **Lunch, Exhibits, and 2YC₃ General Membership Meeting**

Session III Workshops

1:30-5:30 *Introducing CHEMISTRY: The ACS General Chemistry Textbook*
 Jerry Bell, American Chemical Society, Washington, DC

1:30-4:30 *Designing Interactive Games for Chemistry*
 Deepa Godambe, Harper College, Palatine, IL

1:30-3:00 *Guidelines for Chemistry Programs in Two-Year Colleges: A Resource for Institutional Self-Study and Program Review*

Jodi L. Wesemann, Assistant Director for Higher Education, American Chemical Society, Washington DC

Session IV

Presentations

- 1:30-2:00 *The Chemical World: A Collaborative Course Development Between Community Colleges and a 4-Year University*
Dr. Dana Perry, Harold Washington College, Chicago, IL
- 2:05-2:35 *Classroom Research on the Chemical World Course*
Roger House, Harper College, Palatine, IL
- 2:40-3:10 *Elementary Classroom Visits*
Lance Lund, Anoka-Ramsey Community College, Coon Rapids, MN
- 3:10-3:25 **Refreshment Break and Exhibits**
- 3:30-4:00 *Teaching with Technology When You're Technologically Challenged*
Kelly Befus, Anoka-Ramsey Community College, Cambridge Campus, MN
- 4:05-4:35 *Scencer*
Dennis Lehman, Harold Washington College, Chicago, IL
- 4:40-5:25 *The ACS College Chemistry Consultant Service and the Establishment of a Chemical Technology Program at Southwestern College*
Onofrio Gaglione, ACS College Chemistry Consultant Services, David Brown, Southwestern College, Chula Vista, CA, and Kenneth Chapman, Consultant, Cardinal Workforce Developers
- 5:30-6:30 **Social Mixer**
- 6:30-9:00 **Dinner Banquet and Address**
Donald Wink, University of Illinois – Chicago, Chicago, IL

Saturday, November 19

- 8:30-12:30 **Registration and Exhibits**
- 8:30 -9:00 **Continental Breakfast**
- 9:00-9:15 **Opening Remarks**
Sally Griffith, Dean, Technology, Math, and Science, Harper College

Session I

Workshops

- 9:15-12:00 *Bomb Calorimetry Laboratory Experiment for Determining Food Calories*
Barbara Weil, Harper College, Palatine, IL
- 9:15-12:00 *Designing Interactive Games for Chemistry*
Deepa Godambe, Harper College, Palatine, IL

Session II

Workshop

- 9:15-10:15 *Introductory Chemistry: Teaching Techniques and Technology Tools*
Ian Graske, Sargent-Welch

Session III

Presentations

- 9:15-9:45 *Projects for a Revolving Research Group*
Dan Stanford, William Rainey Harper College, Palatine, IL
- 9:50-10:20 *Involving Students in Research Activities at Southwestern College*
David Brown, Southwestern College, Chula Vista, CA

10:20-10:50 Refreshment Break and Exhibits

- 10:50-11:20 *Undergraduate Research with an Outside Agency*
Tom Dowd, Harper College, Palatine, IL

11:25 – 11:55 Presentation

12:00 – 1:00 Lunch

Session IV

Workshop

- 1:00-3:30 *Molecular Modeling and Computational Chemistry in an Organic Chemistry Course Using CAChe*
Mike Oester, Professor Emeritus, Harper College, Palatine, IL

Session V

Presentations

- 1:00-1:30 Presentation
- 1:35-2:35 *Roundtable Discussion: Undergraduate Research*
- 2:35-2:50 **Refreshment Break**
- 2:55-3:25 *Designing a New Laboratory Facility*
Harper College Chemistry Faculty, Palatine, IL
- 3:30-4:30 Closing Remarks and Tour of Avante Center

Program Chair: Julie Ellefson, William Rainey Harper College, 1200 Algonquin Road, Palatine, IL 60067; e-mail: jellefso@harpercollege.edu; Phone: 847-925-6694

Local Arrangements Chair: Barbara Weil, William Rainey Harper College, 1200 Algonquin Road, Palatine, IL 60067; e-mail: bweil@harpercollege.edu; Phone: 847-925-

Exhibits Coordinators: Tom Dowd and Julie Ellefson, William Rainey Harper College, 1200 Algonquin Road, Palatine, IL 60067

Thank You 2YC₃ College Sponsors for 2005

There's still time to get your institution's name added to this list. Thank you to all of the College Sponsors who contribute in so many ways to the successful programs in 2YC₃. Many of these colleges have been supporting our efforts for over 30 years, not only with membership, but by supporting their faculty as they participate in 2YC₃ activities.

2005 College Sponsors

Allegany College of Maryland	MD
Amarillo College	TX
Anne Arundel Community College	MD
Anoka-Ramsey Community College	MN
Bismarck State College	ND
Blinn College	TX
Brazosport College	TX
Bucks County Community College	PA
Central Oregon Community College	OR
Clackamas Community College	OR
College of Dupage	IL
College of Lake County	IL
College of the Mainland	TX
College of Southern Maryland	MD
Collin County Community College	TX
Community College of Southern Nevada	NV
County College of Morris	NJ
Cuyahoga Community College West	OH
Dodge City Community College	KS
El Camino College	CA
Essex County College	NJ
Gainesville College	GA
Gloucester County College	NJ
Grand Rapids Community College	MI
Harford Community College	MD
Highland Community College	IL
Hinds Community College	MS
Houston Community College System	TX
Hutchinson Community Junior College	KS
Jefferson Community College	NY
Kansas City Kansas Community College	KS
Kingwood College	TX
Kirkwood Community College	IA
Linn-Benton Community College	OR
Lorain County Community College	OH
Medgar Evers College	NY
Miami-Dade Community College - Kendall	FL
Middle Tennessee State University	TN
Minneapolis Technical and Community College	MN
Mohawk Community College	NY
Monroe Community College	NY
Montgomery College-TX	TX
Mott Community College	MI
Mt. Hood Community College	OR
Navarro College	TX
New York City Technical College	NY
Northeast Texas Community College	TX

Prince George's Community College	MD
Saddleback Community College	CA
San Jacinto College Central	TX
Schoolcraft College	MI
Sierra College	CA
South Arkansas Community College	AR
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Southwestern College	CA
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Notes from the Treasurer:

Some colleges have indicated that they want to pay their College Sponsorship for three years at a time to cut down on paperwork and to avoid forgetting to send in their contribution. If you would like this option, then send me an email at kelly.befus@anokaramsey.edu and I will email you an invoice for three years rather than the current year. Other members have indicated that they would like to pay their membership dues at the same time that they pay their college sponsorships so that there is just one transaction. This is also very feasible. Send an email containing the names of all faculty who need their memberships renewed and I will include this on your institution's college sponsorship invoice. I invite you to renew your institution's sponsorship and help keep the 2YC₃ organization strong and serving two-year college faculty. The 2005 College Sponsorship will be mailed out in late September

2YC₃ College Sponsorship Application

Institution

Name _____

Address _____

Contact Person (name & title) _____

Email _____ Phone _____

Institution website address _____

Send all questions and correspondence to:

Kelly Befus, 2YC₃ Treasurer

Anoka-Ramsey Community College

300 S. Polk St., Cambridge, MN 55008-5706

kelly.befus@anokaramsey.edu

Please send your \$25 check payable to "2YC₃" and the completed application to the above address.

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Go to www.2YC3.org and click on the "sponsors" link to see if your institution is a sponsor.

Shared Journeys: Empowering Futurebound Communities - Past, Present, and Future

The University of Arizona is convening a conference for community colleges and universities to learn about a program that provides support to women majoring in science, technology, engineering, and math transferring from a community college to a four year university. This conference will be held on October 27 and 28, 2005 in Tucson, Arizona. If you are interested in attending the conference please contact Amy Schaller at the University of Arizona for an application. If you have any questions please contact Amy Schaller – at (520) 626-9156 or email at: aschalle@email.arizona.edu.

The University of Arizona received a National Science Foundation grant to implement the Futurebound Program from 2001-2005. Through this program, students transferring from Pima Community College to the University of Arizona were funded to conduct research in laboratories at the University of Arizona under the supervision of faculty sponsors. The fall conference will bring together representatives from community colleges and universities interested in learning about results from the Futurebound program and replicating the Futurebound model at their own institutions.

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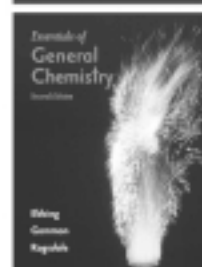
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