Chemistry Outlook

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

Website: http://2yc3.org

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Mark Matthews, Chair

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Vol. 2011 – Issue IV

Notes From The Chair

Like many of you, I've spent the majority of my career teaching various versions of general chemistry, primarily the two-year sequence (the "major's" courses), and mostly at two-year colleges. I must confess, though (and my final Chair Note seems a fitting time as any for a confessional), that I've never really looked at myself as teaching or "training" people to be scientist, per se, even when that's the career path they're pursuing. Some may find that to be heresy, especially when it comes to major's sequence, but before you tie me to a stake and strike a match consider the following in my defense (you might also want to consider the irony of what you're about to do to me).

For starters, general chemistry is an introductory course, even the two-semester sequence. In that early of a stage, I'm not really training anyone, any more than a high school driver's ed teacher is training their students to be NASCAR drivers (although here in North Carolina there just might be an AP class for that). Granted, it's a first step, and an important one, but as I tell my students during the first class meeting, after finishing gen chem I'm not expecting them to be able to flip through an issue of JACS like it's People Weekly. At best, I'm hoping they'll be able to say, "Hey, I know that word…and that one…and that's the equilibrium arrow." This doesn't mean I think my students aren't smart. On the contrary, most of them are just as bright as — and many even brighter than — those taking the same class at one the area universities. It also doesn't mean that I'm not teaching them what I'm supposed to. I'm still doing my job, thank you very much.

Also, I'm not sure what the demographic of your classes are, but most of my students aren't seeking careers in science, at least not in the traditional sense. Most of my students are hoping for a career in related fields such as medicine (med school, nursing etc.) or engineering. Yes, I know that these types of students need much of the same type of training as traditional scientists. Of course that's true, or else they wouldn't have to take the class in the first place. That's my point, though: they have to take it. I haven't had many students take gen chem for elective credit and some even go through General II wondering why they were required to take the two classes in the first place. They don't approach the material the same as someone looking to be a chemist or biologist, so it doesn't make sense for me to deliver the material with that type of regard.

continued on page 2

Conference Calendar

2011-2012

194th CONFERENCE (Eastern)
Nov 11-12, 2011

Montgomery College
Montgomery County, MD
Contact: Virginia Miller
Email: virginia.miller@montgomerycollege.edu

195th CONFERENCE (Western)
March 23-24, 2012

Mira Costa Community College
San Diego, CA
Contact: Nancy Lee
Email: n.lee@miracosta.edu

196th CONFERENCE (Eastern)
May 25-26, 2012
Borough of Manhattan Community College
City University of New York
New York, NY
Contact: Brahmadeo Dewprashad
Email: BDewprashad@bmcc.cuny.edu

197th CONFERENCE (Eastern) - 22nd BCCE
July 29-Aug 2, 2012
Penn State University
University Park, PA
Contact: Michele Turner
Email: cmt@uakron.edu

"Notes from the Chair" ...continued from page 1

On top of that, only about half of my students are the traditional college age of 18-21. The average is closer to late twenties, just a tad below our college-wide average of early thirties. Some are switching jobs, many have families, and a good number of them are downright terrified of returning to college after being out of school for ten or more years, science classes in particular. I'm not saying they should be treated with kid gloves, but to have the same expectations of them as you would an 18 year old who had AP Calculus four months prior might be asking a bit much. In fact, it's practically irresponsible. This was big step for them. Let's not crush their dreams before their real training begins.

If I had to describe my philosophy/approach with regard to the general courses, I'd say it's more along the lines of acting as one of chemistry's goodwill ambassadors, because Lord knows it's in dire need of a few. True story: not too long ago I was getting a glass of milk for a six-year-old girl, and as I was opening the cupboard she tells me, "Daddy says I should drink out of a glass because plastic cups have chemicals in them." At the time, it didn't seem appropriate to lecture her on how insanely inaccurate that statement was, especially when it came from her father, so I simply turned away, shoved my fist in my mouth to stifle a scream (darn near punched my uvula), did a slow a ten count, and then politely gave her some milk…in a glass. That's just an example of what we're up against as science educators. When you hear the word "chemical" in the news or on TV, odds are it's either proceeded by the words "hazardous" or "banned," or followed by words like "warfare" or "disaster." Sure, there's good chemistry in the news and on TV, but it's usually in the guise of forensics, medicine, or other fields that apparently have better PR agents than chemistry.

So when I lead a general chemistry class, my main goal isn't necessarily to turn anyone into a scientist (if it does happen, all the better). To me, it's more important for them to leave my class with some appreciation of what chemistry is and to understand that it's not this dirty word that some would make it out to be. When a student hoping to be a doctor, nurse, or pharmacist finishes my course, they should understand that the medicine they dispense to patients are a "chemical" marvel as much as (if not more than) they are a medical one. That drugs are chemicals, made by… (drumroll)…chemists! And I want all of my students, regardless of their age, to understand that the critical thinking skills they're learning isn't just going to help them in their career, but to make them a more open-minded, well-rounded individual (even if they don't realize it until a little later in life). Who knows, with any luck they'll pass these newfound ideals down to their kids, who will hopefully grow up knowing that milk is loaded with chemicals (as is the glass it's in… and the body that's drinking it…). And in the long run, maybe that's more important in a first-year course than significant figures, packing spheres, or reading a meniscus the right way. Maybe.

Connect with $2YC_3$ online!

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http://www.facebook.com/twoyearchem

Check out our fantastic Facebook page! See photos of conferences! Get updated 2YC information! Make friends! Check it out today!

Find us on Facebook

Twitter: twitter.com/2yc3

Get short, timely messages from $2YC_3$.
Twitter is a rich source of instantly updated information. It's easy to stay updated on an incredibly wide variety of topics. Join today and follow "@2YC3".

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American Chemical Society
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$2YC_3$ Membership Form

Please consider supporting the $2YC_3$ by becoming a member or renewing your membership. Annual dues are only **$25**.

There is no longer a special rate on joint membership with DivCHED. If you are interested in joining DivCHED, please go to *http://www.divched.org/* and click the *Membership* link on the left.

I wish to: _____ Become a member of $2YC_3$
_____ Renew my $2YC_3$ Membership

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:** _____

Current Member of: _____ ACS _____ DivCHED

Names of current members are posted on the $2YC_3$ website. The list includes names, institutional affiliation, and membership expiration date only. Email addresses and phone numbers are NOT listed. If you do NOT want your name listed, check here _____.

- **NEW! Secure electronic payments for membership dues now accepted. Select 'Membership Form' on the $2YC_3$ website to become a member.**
- **If paying by check, please send your check**, payable to $2YC_3$, for $25 to:
  Thomas Higgins, Harold Washington College, 30 E Lake St, Chicago, IL 60601

194th $2YC_3$ Conference
Conference Program

Designing Chemistry Courses for the 21st Century: Community Colleges as Centers of Excellence for the First Two Years

November 11 - 12, 2011
Montgomery College
Rockville, Maryland 20850

27 Co 58.933 Cobalt nference Information

For registration, lodging information, travel directions, and the latest information on the conference program, visit the conference website: http://www montgomerycollege.edu/2YC3 (A link will also be provided on the $2YC_3$ website: 2YC3.org). Before that, please contact

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Exhibits Coordinator:

Rachel Ndonye	rachel.ndonye@montgomerycollege.edu	240-567-7636

Friday, November 11

8:00 – 5:00 **Exhibits**

8:00 – 8:30 **Registration, Breakfast, and Exhibits**

8:30 – 8:45 **Welcome and Opening Remarks**
DeRionne Pollard, President, Montgomery College

8:45 – 9:45 **Keynote Address**
Title TBD
Mary Kirchhoff, Director, Education Division Director, American Chemical Society, Washington, DC

9:45 – 10:15 **$2YC_3$ General Membership Meeting**

10:15 – 10:45 **Refreshment Break and Exhibits**

10:45 – 11:30 **Presentation Session 1**

A. MasteringChemistry: Using Technology to Take Your Class into the 21st Century
Meghan Moreau, Pearson

B. Syllabi, Software, and Lab Reports: Building an Arsenal for Online Teaching
DeeDee Allen, Wake Technical Community College, Raleigh, North Carolina

11:35 – 12:20 **Presentation Session 2**

A. Honors Organic Chemistry ***(presentation/roundtable)***
Susan Bontems, Montgomery College, Germantown, MD

B. Assessing student learning in online chemistry classes
Shree Iyengar, Anne Arundel Community College, Arnold, MD

12:20 – 1:20 **Lunch Break, Exhibits, and Student Posters**

1:20 – 2:05 **Presentation Session 3**

A. Metrics for Outcomes Assessment in Chemistry Courses ***(presentation/roundtable)***
Robert Brenneman, Montgomery College, Rockville, MD

B. Best Practices in Organic Chemistry
Terry Sherlock, Burlington County College, Pemberton, NJ

2:10 – 2:55 **Presentation Session 4**

A. Incorporating Creative Lab Activities Into Secondary Science Classes Without Using Any Money, Time, or Effort
Ian Guch, Chemfiesta, Washington, DC

B. Applying ACS Resources to Improve Effectiveness at your Institution: A Collaborative Project of $2YC_3$ and the ACS (workshop)
DeeDee Allen, Wake Technical Community College, Raleigh, NC
Candice Campbell, Georgia Perimeter College, Dunwoody, GA

3:00 – 3:30 **Refreshment Break, Exhibits, and Student Posters**

3:30 – 4:15 **Presentation Session 5**

A. Introducing Mastering Chemistry to Chemistry for Allied Health
Kathleen Lilly and Susan Morgan, Howard Community College, Columbia, MD

B. ChemEd Bridges: Chemistry Majors and the Transition from Two- to Four-Year Colleges
Mark Matthews, Durham Technical Community College, Durham, NC

4:20 – 5:20 **Tour of the Rockville Science Building and Labs**

5:30 – 6:30 **Social Hour**

6:30 – 9:00 **Dinner Banquet and Address**

Wine Chemistry: The Basic Chemical Reactions Involved in Wine Production, Aging and Spoilage.
Carl DiManno, Winemaker/Proprietor - Silhouette Vineyards (VA), Consulting Winemaker - Winesecrets

Continued next page...

Saturday, November 12

8:00 – 4:00 **Exhibits**

8:00 – 8:45 **Registration, Breakfast, and Exhibits**

8:45 – 9:00 **Opening Remarks**
Eun-Woo Chang, Instructional Dean, Science, Engineering, and Mathematics, Montgomery College, Rockville campus

9:05 – 9:50 **Presentation Session 6**

A. Diagnostic Tests and Student Outcomes: How Important is a Good Chemistry Foundation for General Chemistry?
Abner Mintz, Montgomery College, Rockville, MD

B. ACS student chapters ***(part I of two-part workshop/panel discussion)***
Blake Aronson, American Chemical Society, Washington, DC

9:55 – 10:20 **Presentation Session 7**

A. SCALE-UP Experience in Physics: Lessons for Chemistry
Nawal Benmouna, Montgomery College, Rockville, MD

B. ACS student chapters ***(part II of two-part workshop/panel discussion)***
Blake Aronson, American Chemical Society, Washington, DC

10:20 – 10:50 **Refreshment Break and Exhibits**

10:50 – 11:35 **Presentation Session 8**

A. "Common Core" Standards: Student Test Scores in Math Computation in the Mid-Atlantic States, and the Implications for Chemistry Instruction ***(presentation/roundtable)***
Eric Nelson, ChemReview

B. Interactive Animated Spreadsheets: A Powerful Tool for Simulations ***(part I of two-part workshop)***
*Scott Sinex, Prince Georges Community College, Largo, M*D

11:45 – 12:45 **Lunch Break, Exhibits, and Student Posters**

12:45 – 1:45 **Tour of the Rockville Science Building and Labs**

1:50 – 2:35 **Presentation Session 9**

A. TBD

B. Interactive Animated Spreadsheets: A Powerful Tool for Simulations (part II of two-part workshop)
Scott Sinex, Prince Georges Community College, Largo, MD

2:40 – 3:25 **Presentation Session 10**

A. TBD

B. Connecting Your Resources With McGraw-Hill
David Horvath, McGraw Hill

3:25 – 4:00 **Refreshment Break and Exhibits**

4:00 **Conference Closing**

Registration

Registration for the conference will be available beginning September 1, 2011. A registration form will be posted on the conference website: www.montgomerycollege.edu/2YC3. This form can also be printed and mailed with payment to complete your registration.

Lodging

Reservations at the Courtyard Marriott hotel must be made by October 20 to secure a room designated for the conference. Information about additional hotels for the conference will be posted on the conference website: www.montgomerycollege.edu/2YC3.

Courtyard Marriott
2500 Research Boulevard
Rockville, Maryland 20850

If you wish to stay at the Courtyard Marriott, please access the program page on the conference website to make a reservation. In this space you will find a link in which the group code for a room with king-size bed is already typed in the link. If you wish to reserve a room with two queen size beds, change the group code to YCCYCCB. If you wish to make a reservation by telephone, call 1-888-236-2427 and ask for 2YC3 conference. All reservations made before 5 pm 10/20/11 are guaranteed rooms for the conference.

Getting to Montgomery College, Rockville, MD campus

The Rockville Campus is located in central Montgomery County, Maryland, just west of Route 355. Reagan Washington National Airport, Baltimore-Washington International Airport, and Washington Dulles International Airport all lay within 26-30 miles of the Rockville campus. Washington DC Metro public transportation is available from National airport; Metrorail/Metro transportation from Dulles airport (http://www.metwashairports.com/dulles/809.htm). Metro information can be found at www.wmata.com. MARC trains serve from BWI airport to and from Washington's Union station:
http://www.bwiairport.com/en/travel/ground-transportation/trans/marc.

Please see detailed directions to the MC Rockville campus at
cms.montgomerycollege.edu/edu/maps.aspx?id=23746.

Enjoying your stay in the Washington, DC area

Montgomery County borders Washington, DC, and Rockville is about 20 miles north of the city. A trip on the DC Metro Red Line from the Rockville station to downtown Washington, DC is approximately 45 minutes. World famous museums, the National Zoo, and other attractions are easily accessible from several downtown Metro stations.

Montgomery College

Thank you Jeff Cramer!

As 2011 draws to a close, the COCTYC would like to thank Jeff Cramer for his many years of service and leadership to $2YC_3$.

Jeff first joined the COCTYC in 1995, where he served as both treasurer and college sponsors chair (then a joint position) until 2000. He returned to the committee in 2007 as Chair-elect, and after serving as the 2008 chair, he spent the past three years as $2YC_3$'s DivCHED liaison.

Jeff, your leadership, knowledge and mentorship will be missed. The members of the COCTYC would like to give you a warm farewell and wish you all the best in the years ahead. Enjoy your retirement!

195th CONFERENCE (Western)

In Conjunction with the Spring 2012 ACS National Meeting

Theme TBA

March 23-24, 2011
Mira Costa Community College
San Diego, CA

Call for Papers:
We are currently looking for colleagues who would like to contribute to our program by giving a presentation or leading a workshop or round-table discussion. We strongly encourage topics related to our theme (TBA, contact Program Chair), as well as other areas to give us a diverse program.

Contact Program Chair:
Nancy Lee *n.lee@miracosta.edu*

196th CONFERENCE (Eastern)

Theme TBA

May 25-26, 2012
Borough of Manhattan Community College
City University of New York
New York, NY

Call for Papers:
We are currently looking for colleagues who would like to contribute to our program by giving a presentation or leading a workshop or round-table discussion. We strongly encourage topics related to our theme (TBA, contact Program Chair), as well as other areas to give us a diverse program.

Contact Program Chair:
Brahmadeo Dewprashad *BDewprashad@bmcc.cuny.edu*

22nd Biennial Conference on Chemical Education

Celebrating the Sesquicentennial of the Land-Grant College Act

http://www.2012bcce.com/

July 29 to August 2, 2012

The Pennsylvania State University, University Park, PA

The Biennial Conferences on Chemical Education (BCCEs) are the premier conferences on chemical education in the world. The ACS Division of Chemical Education (DivCHED) sponsors the BCCEs and The Pennsylvania State University (PSU) in University Park will host the upcoming conference. This will be the 22nd BCCE, happening the same year as the sesquicentennial of the Land-Grant College Act. This BCCE also marks the 197th meeting of the $2YC_3$.

The theme of the 22nd conference is a celebration of the "Sesquicentennial of the 1862 Land-Grant College Act" which brought higher education within reach of all Americans. Almost as important, the Act changed the very nature of higher education to increase its focus on science, engineering (industrial arts), and (scientific) agriculture. Integral to the conference mission is the goal of building bridges between chemistry instructors at all levels and to include symposia emphasizing collaborations between and among pre-college, community college, and 4-year college chemistry instruction and to facilitate new and ongoing relationships of mutual benefit between instructors at all levels.

The conference will be held at the University Park campus of The Pennsylvania State University. Located in the scenic hills of rural Central Pennsylvania, University Park is the largest campus in the Pennsylvania system of public colleges and universities and now serves 45,000 students from the United States and much of the rest of the world. This campus is an ideal location for the BCCE in that it possesses the infrastructure and resources to host a world-class meeting and offers a vibrant and extensive list of social programming opportunities within the university and the surrounding area.

Call for Symposia and Workshops

The 22nd BCCE Conference organizers have issued a call for symposia and workshop ideas. You do not have to be a member of the ACS or DivCHED to suggest a symposia or workshop (or to attend or present at the BCCE). Proposals for symposia will be accepted through December 1st at the BCCE website: http://www.2012bcce.com/. Alternatively, you may submit ideas for symposia that specifically relate to the needs and issues of faculty in two-year institutions to the Two-Year College Chemistry Program co-chairs Michele Turner and Amy Toole: cmt@uakron.edu or atoole@pct.edu. We want this BCCE to have a strong program for the $2YC_3$ membership, but we need to have you submit ideas that are useful to you!

Conference Registration/Lodging/Travel

For specific information about the conference, visit and bookmark the 22nd BCCE Website: http://bcce2012.org. This site will be continuously updated with information pertaining to the technical program, registration, housing, and social events as we approach August 1, 2010.

SYMPOSIA PROPOSAL SUBMISSION DEADLINE: DECEMBER 1, 2011
WORKSHOP PROPOSAL SUBMISSION DEADLINE: DECEMBER 1, 2011
ABSTRACT SUBMISSIONS: JANUARY 1, 2012 – FEBRUARY 28, 2012

What's Happening in My Area?
News From the Regional Advisory Boards (RABs)

Western RAB
Dick Gaglione, Chair

The Mathematics, Engineering and Science Achievement Program (MESA) at East LA College (ELAC) enables educationally disadvantaged students to prepare for and graduate from a four-year college or university with a math-based degree in areas such as engineering, the sciences, computer science, and mathematics. Through MESA students develop academic and leadership skills, increase educational performance, and gain confidence in their ability to compete professionally. MESA has particular interest in and focuses on students from those groups who historically have had the lowest levels of attainment to four-year and graduate level programs. By closing this achievement gap, MESA students and graduates will be better able to make significant contributions to the socioeconomic well being of their families and their communities. MESA has its own academic advisors to help students develop their educational plans and provide transfer guidance. The academic advisors also assist students with personal statements, scholarship applications, and resumes. Students are required to meet with their advisor at least once a semester in order to be eligible to participate in other aspects of the Program that provides tutoring services by MESA students or Alumni in the fields of mathematics, engineering, chemistry, physics, biology, and environmental sciences. A MESA study centre is a place where STEM students come to study in a unique environment provided by a family oriented setting and an on-site staff. Students are able to focus on their academics by studying in groups with other STEM students and taking advantage of what the study center has to offer. Weekly emails inform the students about scholarships, internships, and research opportunities. Every fall semester, MESA hosts a group of transfer representatives from local universities who come and share information about majoring in mathematics, science or engineering at their institution.

The Minority Science and Engineering Improvement Program (MSEIP) is a project that allows for the creation and development of research partnerships with 4-yr universities, in addition to augmenting the programmatic aspect of MESA. Initially, students are fully or partially sponsored to participate in research with top-notch researchers not only in Southern California but wherever their science curiosity may take them. In the summers of 2008 and 2009, MSEIP created and developed research partnerships with 4-year universities funding either partially or fully the participation of 32 students. Participating institutions included: UCLA, UC Irvine, Caltech, USC, CSULA, CSU Fullerton, the Monterey Bay Area Research Institute (MBARI), and a collaboration between the National Science Foundation (NSF) funded B-A-Star program, MESA and CSU Chico. Information on MESA and MSEIP at ELAC was submitted by Dr. Armando M. Rivera, Assoc. Professor of Chemistry. A third and final segment on ELAC will appear in Issue I of the 2012 Chemistry Outlook's WRAB report which will focus on ELAC's Green Science and Technology Curriculum Project called "Green Works".

Eastern Regional Board
Brahmadeo Dewprashad, Chair

A quick reminder of the Late Fall 194th conference, November 11-12, 2011 at Montgomery College in Rockville, Maryland. Anyone wishing to present should contact Program Chair Virginia Miller (*virginia.miller@montgomerycollege.edu)* as soon as possible. For registration information, please check the $2YC_3$ website *www.2yc3.org/* for updates and the latest information. Hope to see you there!

Also, be sure to stay tuned and look for information on the upcoming 196th Conference, May 25-26, 2012 at Borough of Manhattan Community College, City University of New York, New York, NY. Contact me, Brahmadeo Dewprashad (*BDewprashad@bmcc.cuny.edu*) for more information as it becomes available.

What's Happening in My Area?
News From the Regional Advisory Boards (RABs)

Midwestern RAB
Amy Jo Sanders, Chair

Greetings from the Midwest! We had an extremely busy Spring, 2011. The 192nd Conference of the $2YC_3$ "Celebrating 50 Years of Chemical Education," was held May 20-21 at Stark State College in North Canton, Ohio. It was an exciting time of professional development and collegiality. The keynote speaker, Tom Lane, delivered an excellent presentation on how to fill the STEM pipeline. The attendee comments can be summarized by one word "inspiring." The keynote address was captured using Camtasia ® video software and will be made available on the $2YC_3$ website soon. Over 80 presenters and attendees enjoyed the educational presentations, exhibitors, and workshops. The 50th anniversary of $2YC_3$ was celebrated by a banquet at the Pro-Football Hall of Fame. Joining us was ACS speaker, Robert Blackledge who gave an interesting forensic presentation about the Floyd Landis case.

In addition to hosting the 192nd conference the Midwest is also celebrating their leadership in the submission of an NSF TUES grant titled "Transforming Chemical Educators." The proposal, a great collaborative effort by the $2YC_3$ RABs, ACS Office of Two-Year Colleges, ACS DivCHED, and POGIL, will provide funding for professional development at $2YC_3$ and POGIL events through 2014. We are hopeful to hear good news of funding from NSF this fall. Finally we would like to welcome home Bal Barot from Lake Michigan College. We are looking forward to learning about his Fulbright experience in India this past semester. Stay tuned for more information about these happenings!

Southern RAB
Ken Capps, Chair

No news from the Southern RAB at this time.

ACS Celebrates the INTERNATIONAL YEAR OF CHEMISTRY 2011

This year, 2011, is the International Year of Chemistry (IYC), and the ACS is celebrating with a variety of interesting and informative pages and activities at a special website as part of the ACS portal: **http://iyc2011.acs.org/**.

Explore 365: Chemistry for Life, a different historical milestone in chemistry for every day of the year. Read the ACS IYC Virtual Journal. Every month through this landmark year, the IYC Virtual Journal will highlight the many ways in which chemistry improves everyday life for people around the world. Share your enthusiasm and spread the word about IYC 2011 by becoming a Chemistry Ambassador. Find much more at the IYC 2011 website!

CHEMSOURCE
2012 SCANDINAVIAN STUDY TOUR!

25 JUNE – 08 JULY 2012 (or to 12 July for Copenhagen option)

Come join us on a unique and unforgettable journey to the top of the world, then to Oslofjord and beyond. Our adventure begins, after arrival in Oslo and short flight to Kirkenes (on the Russian border), aboard the MS Midnatsol, the Flagship of the Norwegian Hurtigruten fleet. From Kirkenes we follow the Norwegian coastline around the Nordkapp (North Cape), visiting places like Hammerfest, the northernmost town in the world, down to Trondheim, Norway's first capital and home to a world famous research and educational community. Along the way we will have the opportunity for a midnight concert in the Arctic Cathedral, visits to islands with stunningly beautiful scenery, and indescribably gorgeous fjords and waterways, all illuminated by the midnight sun. At Trondheim, our university hosts will treat us to lectures on Norway's first woman chemistry professor and doctoral research of a unique nature on world-heritage sites. We will have an all-day excursion to Røros, a medieval copper-mining town with an interesting history and customs. We will then fly to Oslo, where we will visit many sites of scientific, historic, and cultural interest – and an optional add-on to Copenhagen will be available. Our marvelous travel agent managed to snag the last remaining cabins on our four-star cruise ship **BUT SPACE IS VERY LIMITED**.

Please contact **Mary Virginia Orna**, ChemSource Study Tours at *mvorna@gmail.com* for more information and a registration form. Oh yah dere, hey!

Thank You!
to
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August 2011
Your support helps us thrive!

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CRC Press / Taylor & Francis Group	6000 Broken Sound Parkway, NW Suite 300 Boca Raton, FL 33487	Barbara Glunn	*Barbara.Glunn@taylorandfrancis.com*
Hands on Labs, Inc.	3880 South Windermere St. Englewood CO 80110	Anne L. Matchett	*anne@labpaq.com*
Hayden-McNeil	14903 Pilot Drive Plymouth, MI 48170	Jennifer Hayman	*hayman@hmpublishing.com*
John Wiley and Sons	111 River Street, MS6-01 Hoboken, NJ 07030-5774	Lucy Parkinson	*lparkinson@wiley.com*
Chemical Education Digital Library	Department of Chemistry U of Wisconsin - Madison 1101 University Avenue Madison, WI 53706	Linda Fanis	*lnfanis@wisc.edu*
MeasureNet Technology	4242 Airport Rd. Cincinnati, OH 45226-1615	Robert Vorhees	*voorhees@measurenet-tech.com*
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Pasco Scientific	10101 Foothills Blvd. Roseville, CA 95747	Renee Most	*most@pasco.com*
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Pearson Education	75 Arlington Street Boston, MA 02116-3909	Jordan Enzor	*Jordan.enzor@pearson.com*
Shimadzu Scientific Instruments, Inc	7102 Riverwood Drive Columbia, MD 21046	Kevin McLaughlin	*kgmclaughlin@shimadzu.com*
Vernier Software and Technology	13979 S.W. Millikan Way Beaverton, OR 97005	Angie Harr	*Aharr@vernier.com*
Wavefunction	18401 Von Karman Ave, Suite 370 Irvine, CA 92612	Sandra Young	*Sandra@wavefun.com*
WebAssign	1730 Varsity Drive, Suite 200 Raleigh, NC 27606	Mark Santee	*msantee@webassign.net*

Call for applications for the office of *Chair-Elect* of $2YC_3$ for the year 2013

Application for Chair-Elect for 2013 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.

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 $2YC_3$ a minimum of three years prior to nomination
3. be a member of DivCHED
4. 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 COCTYC.
    b. served as Program Chair, Local Arrangements Chair, or Exhibits Chair for a $2YC_3$ Conference.
    c. chaired a sub-committee of the COCTYC.
    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 OCTOBER 1, 2011.
-The COCTYC will serve as a nominating/screening committee to generate a slate of candidates.
-Each $2YC_3$ member shall vote for one nominee per office 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 12/31/2011.

Applications Are Being Accepted for The Dorothy and Moses Passer Education Fund

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 provides grants for teachers at two- and four-year colleges or universities that do not have any advanced degree programs in the chemical sciences. The awards 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 or for any sabbatical support. Closing dates are three times each year: January 1, April 1, and September 1. All applications must be received electronically. For further information or inquiries contact Richard Jones, *richard.jones@sinclair.edu*; mailing address: Sinclair Community College, Dayton, OH 45402.

Vincennes University
Committee on Chemistry in the Two Year College
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