



Chemistry Outlook

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The Committee on Chemistry in the Two
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Division of Chemical Education;
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Main Website:

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

Issue:

Issue I, 2017

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216th 2YC₃ Conference
Truckee Meadows Community College, Reno, NV
March 31-April 1, 2017

If you're looking to network with fellow two year college chemistry faculty near the beautiful Sierra Nevada, then please consider joining us on March 31-April 1, 2017 for the 216th 2YC₃ Conference, which will be held in Reno, Nevada at Truckee Meadows Community College. The theme for this conference is "**Chemistry Inside and Outside the Classroom**". If you're considering giving a presentation or holding a workshop at the 216th Conference, abstracts are due by **February 3** to Olga Katkova (okatkova@tmcc.edu).

Registration is now open at <http://www.2yc3.org>. Registration with meal options will be available until **March 24**, though you can still register up until the day of the conference.

More information about the conference can be found on page 3 of the newsletter.

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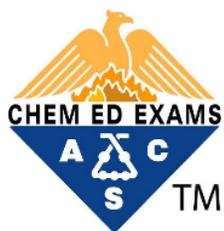
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218th
Conference

Carbon
12.01

Passer Grant

If you're thinking about attending a workshop and have difficulty obtaining funding, consider applying for the Passer Grant.

The ACS awards the Passer Grant three times a year to help faculty attend workshops. A link to apply for the grant will be available on the 2YC₃ Facebook page.



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Of Note:

- Check out the new 2YC₃ Outlook Blog at the address <http://www.2yc3outlook.org>. New posts with information about conferences will appear regularly!
- If you'd like to submit an article to the Outlook newsletter, send it to newsletter@2yc3.org. The deadline for Issue II of the 2017 newsletter will be March 1, 2017.
- You can now pay for your membership on the 2YC₃ website (<http://www.2yc3.org>). Click on "Membership Form" on the left side of the main page to become a member or to renew your current membership.

More Info: 216th 2YC₃ Conference: Truckee Meadows Community College, March 31-April 1, 2017

Keynote Addresses Include:

- Department of Atmospheric Sciences, Dessert Research Institute, Reno NV: “Chemistry of Air Quality” and the “Chemistry of E-Cigarette Vaping”
- “Lithium-ion batteries”
- 92nd Civil Support Team (WMD), Carson City, NV: “Mobile Chemistry Lab”

Friday Social:

Relax, mingle and recharge at The Discovery’s Science Social Event. You will discover innovative, engaging, standards-based ways to bring STEAM subjects into your classroom and have your students apply that learning through hands-on Discovery Labs at the museum! Appetizers and alcoholic/nonalcoholic refreshments will be provided during private viewing of galleries and exhibits. This event will take place Friday night, March 31 at 6 pm and the cost is \$40 per person.

Information about Airports, Transportation, and Lodging:

If flying into Reno, Reno-Tahoe International Airport (airport code: RNO) is the best option, with flights available on nearly all major airlines. Many hotels offer free airport shuttles. If you are driving or obtaining a rental car, free daytime parking is available on the campus.

Two hotels have special lodging rates available: the Whitney Peak Hotel and the Peppermill Resort Spa Casino. The Whitney Peak Hotel must be reserved by March 16 (Group Code: 2YC32017, Phone: (775)-398-5400), while the Peppermill Resort Spa Casino must be reserved by March 8 (Group Code: MTMCC17, phone (800)-282-2444). Both hotels will require some form of transportation to the campus via personal vehicle or Uber.

More information can be found at the conference website: <http://www.tmcc.edu/2yc3/>

Breakfast: Snacks and fruit will be available on Friday and Saturday.

Lunch: On Friday, you can join us for a deli-style lunch (\$15 per day). You can purchase this option for meals when you register online. A number of different options (including vegetarian and gluten free) will be available. On Saturday, a buffet style lunch will be available.

TMCC Café: The Cafe serves breakfast and lunch on Fridays. The Cafe has a grill, salad bar, coffee bar and soda fountain. The café will not be open on Saturday.

How to Register

Registration for full-time instructors is \$50 (\$25 for adjunct instructors/lecturers). Students, high school teachers, and exhibitors are free.

The deadline to register is March 30th, 2017.

Register for this conference can be found at: <http://www.2yc3.org/registration216.htm>

Conference Chairs

Program Chair/Local Arrangements Chair: Olga Katkova: okatkova@tmcc.edu

Co- Chair: Kathleen Kolbet: kkolbet@tmcc.edu

Exhibits Chair: Matthew Leathen: mleathen@tmcc.edu



Creative Teaching Strategies

BRONX COMMUNITY COLLEGE

What is 2YC3?

The primary goal of the Two-Year College Chemistry Consortium (2YC3) is to provide professional development opportunities for chemistry educators with the aim of enhancing student learning. This 217th 2YC3 conference focuses on how to effectively reach our student population using creative teaching strategies.

This conference is hosted by Bronx Community College, located in the borough of the Bronx in New York City.

Who should attend?

All chemistry educators from high school, college and university institutions, as well as chemistry major students, are encouraged to attend and participate. Registration fee is \$60 for current members and \$85 for non-members. High school teachers and students pay \$25. Please note late registration fee will be increased to \$75 for current members and \$100 for non-members after April 7th.

Call for Papers

You are invited to contribute to our program by giving a presentation, leading a workshop, or participating in a panel discussion. We especially encourage topics related to our theme "Creative Teaching Strategies". Examples include:

- Flipped Classroom Teaching
- Interdisciplinary Teaching
- Grant-writing Panels/Workshops
- Chemistry for Non-Majors (Chemistry in Art)
- Accelerated Teaching Models
- Computer Technology in Chemistry
- Quantitative Literacy/Case Studies/Math Phobia
- Assessment Tools
- Undergraduate Research as a Teaching Tool
- Attracting High School Students to Science Careers

If you would like to present on a different topic, please do not hesitate to submit an abstract, as we encourage as diverse a program as possible. The due date for submitting abstracts is April 6, 2017. For more information, please check the 217th conference website, <http://www.2yc3.org/php/meetings.php>.

Conference Chair

Dr. Vicki Flaris
vicki.flaris@bcc.cuny.edu



102 No Nobelium [259]	52 Te Tellurium 127.6	16 S Sulfur 32.065	87 Fr Francium [223]	8 O Oxygen 15.9994	25 Mn Manganese 54.938045	90 Th Thorium 232.03806	63 Eu Europium 151.964	6 C Carbon 12.0107	1 H Hydrogen 1.00794	79 Au Gold 196.966569	77 Ir Iridium 192.217
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Kathy Carrigan, Portland Community College, OR

Greetings from Portland Community College in Portland, Oregon in the great Pacific Northwest. As I write this, I am on my second snow day in a row! There is about 2 inches of snow and the City pretty much shuts down. Of course there is ice to be concerned about, but those of you from the Northeast and Midwest can stop laughing now!

If you are reading this, you are among the “best of the best of the best” of the Chemistry Teachers I have had the pleasure of getting to know. It was my PCC colleagues, Carol Handy and Jim Schneider who encouraged me to participate in 2YC₃ meetings years ago. I was a busy single Mom with two fast growing sons, so I was able to attend very few meetings in those days. My sons are grown and independent so it is my turn to give back. I am grateful for the professional growth I have experienced through attending meetings and for the benefits I have brought back to my students.

Gratitude is the overwhelming reason for my serving as Chair of the 2YC₃. Gratitude for the colleagues who have built this transformational group of educators. Gratitude for the friendships I have made and hope to make on this journey. I am even grateful for the students, yes those “terribly, (or terrible) wonderful” students who keep us going and push us to be even better.

Has student learning changed over your career, or are you just beginning to teach and wondering where to start? Well, the educators in 2YC₃ are here to help. Not only we, as officers, but the membership of this community of educators are all willing to help. All you have to do is show up for a meeting and attend a seminar or two, or simply strike up a conversation with someone new and you will find a world of knowledge. Whether it is the completely changing the way you teach or just making one small change, you may have been inspired by a 2YC₃ meeting. Just recently I was invigorated at the Yavapai Meeting when listening to a seminar on how to use Google Docs and potentially go paperless. How cool is that? While attending the San Diego City College meeting in March, I listened to talks on undergraduate research and co-teaching across disciplines as a topical approach to learning chemistry fundamentals. Although I will say that serving ice cream to you all at the BCCE in Greeley, Colorado in July was the highlight of my year!

This year, 2YC₃ has some very exciting meetings lined up. The 216th Conference is out west, in beautiful Reno Nevada at Truckee Meadows CC. The theme is “Chemistry inside and outside of the classroom”. What are you doing that you are proud of? Come share with us, and grow that idea into a project or learn how to put it in a successful NSF grant request. Then use future 2YC₃ meetings to disseminate your findings. Bring a colleague along to go to different talks and share ideas on the way home. Do you do field work with your students? Are your GOB (Allied Health) courses declining in enrollment like ours? Does your program practice “Green Chemistry”? Do you want to learn a new instrument, or see what is new, come to visit the vendors and get some “hands on” time with the Instruments they bring.

continued on page 6

Notes from the Chair (cont)

The other two conferences in 2017 promise to be equally inviting. If you have always wanted to travel to New York City, make it happen this year by attending the 217th Conference at Bronx Community College May 26-27, where the theme is “Creative Teaching Strategies”. Plan for this one early to get the best hotel rates, and arrive early and stay late to explore the city and the area. In November 2017, Durham Technical Community College will welcome the 2YC₃ back for the 218th Conference. The theme is one of connecting past ideas and techniques with those of the present, as well as discussions of what may come.

If there is one or all three conferences that will work for you, I invite you to say hello and let me know what 2YC₃ has done for you and what more you would like to get from 2YC₃. Or if there is something you want to know about 2YC₃ please pop me an email anytime at kcarriga@pcc.edu.

Best, Kathy



218th 2YC₃ Conference Durham Technical Community College, Durham, NC November 3-4, 2017

In November 2007, Durham Technical Community College hosted the 179th 2YC₃ Conference, and now – ten years later – we are proud to welcome 2YC₃ back for the 218th Conference. A lot has changed in our profession during the past ten years, but at the same time there are many things that haven't (whether or not they should change can sometimes be the subject of debate). And from these current and past experiences, we can see hints of what things might look like in our classrooms ten years from now, but there will most likely be plenty of things that none of us saw coming!

To that end, the theme of our conference (“**Chemical Education: Past, Present, and Future**”) will be one of connecting our past ideas and techniques with those of the present, as well as discussions of what may come. If you would like to contribute to our program, be it a presentation, workshop, or even leading a roundtable discussion on a topic of interest, please send an email to Mark Matthews (matthewsm@durhamtech.edu) no later than **September 1, 2017**.

For the most current information on the 218th Conference, please visit:

<http://www.durhamtech.edu/2yc3>

Future Conferences in 2018



March 16-17, 2018	2YC3 Conference
Delgado Community College New Orleans, LA	

July 29-August 2, 2018	BCCE
University of Notre Dame South Bend, IN	

We know 2018 seems far away...
 But keep these dates in mind!
 (Dates are tentative)

Fall 2018	2YC3 Conference
University of New Mexico Valencia, NM	

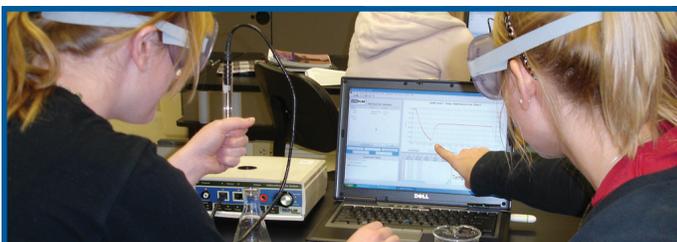
COCTYC and Support Staff 2017 Roster of Committee Members

Chair Kathy Carrigan, Portland Community College (OR) chair@2yc3.org	Chair-Elect 2017 Mary Roslonowski, Eastern Florida State College (FL) chairelect2017@2yc3.org	Chair-Elect 2018 To Be Announced!
Immediate Past Chair Tamika Duplessis, Delgado Community College (LA) tabchair@2yc3.org	Past Chair (DivCHED Representative) Neil Bastian, Salt Lake Community College (UT) pastchair1@2yc3.org	Past Chair (Future Sites Coordinator) Scott Donnelly, Arizona Western College (AZ) futuresites@2yc3.org
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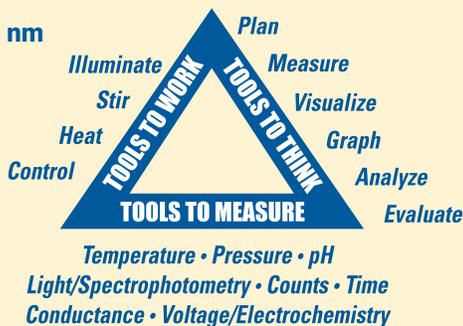
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