The 25th Biennial Conference on Chemical Education (BCCE) will be held on the beautiful campus of the University of Notre Dame in South Bend, IN from July 29 through August 2, 2018. The BCCE designed to provide you with opportunities for interacting with chemistry instructors of all levels in formal and informal settings. There will be a mixture of plenary lectures, symposia, workshops, chemical demonstrations, poster sessions, exhibits and tours of chemistry research areas.

Registration is open at http://www.bcce2018.org. Early registration is available until June 1, and late registration until July 6. After July 6, registration must be done on-site at the beginning of the conference.

More information about the conference can be found on pages 2-3 of the newsletter.
Of Note:

• If you’d like to submit an article to the Outlook newsletter, send it to newsletter@2yc3.org. The deadline for Issue III of the 2018 newsletter will be August 1, 2018.

• 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: 25th BCCE: University of Notre Dame
July 29-August 2, 2018

Symposia and Workshops: There are hundreds of different symposia and workshops for you to choose from during the 25th BCCE Conference. Workshop space is often limited, so the earlier you register, the more likely it is you will find space in the desired workshop. Symposia attendance is not limited.

The 2YC₃ will be co-presiding over a symposia, “Building Bridges and 2YC₃ Collaborations: Supporting the Transition of Two Year Students to Four Year Programs”. Please join us for this discussion of two year colleges as it relates to four year programs. This symposium is currently scheduled on Thursday, August 2 from 8-11 am. Current presentations in this symposium include “Forging an unlikely bond: Chemistry and english for STEM majors”, “One semester allied health (GOB) chemistry at an urban community college”, “Remedial chemistry at Bronx Community College”, and others.

Parking: Free parking in the Joyce Center Lot will also be available for those who prefer to drive themselves to campus. Parking in other lots without appropriate permits may result in tickets and/or towing.
**On-Campus Lodging:** Reasonably priced on-campus housing options for the 25th BCCE will be provided in air-conditioned residence halls. These facilities are located on the west side of campus and are a short walk (5 minutes) to South Dining Hall, the food service available for our conference, and to DeBartolo Hall, where the symposia sessions will be held. The price for a single occupancy room is ($66/night); a double occupancy room is ($55/person per night). Blankets, sheets, and towels are provided during your stay. Lavatories and showers are shared in common with separate men’s and women’s facilities on each floor.

**Off-Campus Lodging:** While there is on-campus lodging, there are eleven hotels that are offering conference rates. Several are within a 10 minute walk of the conference venues -- the furthest on the map are within 3 miles of the McKenna Hall Conference Center. We will have a bus service to transport folks from conference hotels to McKenna Hall. More information will be provided in your conference packet. To receive the group rates, you must use the link provided at bcce2018.org or identify yourself (when calling) by the group name listed by each hotel listing.

**Meals:**

**Breakfast:** Participants staying on the ND and HolyCross College campuses can also obtain breakfasts through the registration process.

**Lunch:** The South Dining Hall will provide lunch for the conference on Monday, Tuesday and Wednesday. These meals are included in the registration price of all attendees.

**Dinner:** On **Sunday**, the “Dine on the Blacktop” food trucks will be set up as a way to get food in between afternoon sessions and the opening plenary session. On **Monday**, there will be heavy hors o’duerves in the Exhibit Hall, **along with the 2YC3 Ice cream Social upstairs**! On **Tuesday**, there will be a downtown South Bend experience. You will be able to visit a number of different downtown eateries. There is a Mishawaka/South Bend Brewery tour (registration required due to limited space). On **Wednesday**, there will again be heavy hors o’duerves in the Ballroom Area during the Al D. Hyde and the Key Tones bash.

**Transportation:**

**South Bend International Airport (SBN)** is located about 15 minutes west of the Notre Dame Campus. The airport is serviced by United, Delta, and Allegiant. BCCE shuttle service is being planned for those using the South Bend Airport. Additional information will be posted as details are determined.

**Chicago Midway (MDW)** is about 90 minutes from campus via automobile and is easily accessible from Notre Dame by shuttle service. Coach USA provides service from campus to Midway Airport 8 times per day with departures every 2 hours. Round trip tickets are about $75.

**Chicago O’Hare (ORD)** is about a 2 hour drive from campus via automobile. Coach USA provides service from campus to O’Hare Airport 8 times per day with departures every 2 hours. Round trip tickets are about $75. Rental cars are available at all three airports.

**Amtrak** has a station in South Bend. It is served by Amtrak’s Lake Shore Limited between Chicago, Boston and New York, and Capitol Limited between Chicago and Washington D.C. The station is located at 2702 West Washington Ave in South Bend. Taxi is the best mode of transportation between the station and campus.
The University of New Mexico Valencia Campus is proud to host the 220th 2YC₃ conference in the fall of 2018. UNM Valencia is a two-year public college of the University of New Mexico System serving 2,300 students. The institution was established as a branch campus in 1981 and functions as a regional community college for a large rural area in central New Mexico. The campus is in the heart of the middle Rio Grande Valley, located near the historic village of Tomé, 20 miles south of the Albuquerque airport. The capital city of Santa Fe is 80 miles north of the campus on Interstate 25. There are many attractions to see in Albuquerque and Santa Fe, including museums, cultural sites, and world-class restaurants. The Rail Runner commuter train originates near the campus, with stations in both nearby towns of Belén and Los Lunas, and provides transportation to Albuquerque and Santa Fe.

UNM Valencia is an Hispanic and Minority-Serving Institution, serving primarily first-generation, low income college students in a rural area. The theme of our conference focuses on how we promote scientific curiosity in our diverse student population. Each of our institutions has unique geological, cultural, and sociological environments that shape the interests and career goals of our students. Whether students connect to the material that we present through an interest in the history of their region, a desire to improve the world around them, or a need to understand how certain physical or chemical processes work, by connecting course topics to these issues, we can tap into our students’ passions and promote their curiosity. The resulting explorations can provide a lifetime of scientific curiosity and the satisfaction of working towards meaningful solutions to the world’s issues – local, regional, national, and beyond.

If you would like to contribute to our program, please send an email to Tracy Terry (tjterry@unm.edu) no later than September 1, 2018.
Hello again, 2YC3 colleagues!

A lot has been happening with 2YC3 in 2018! The Executive Board held a retreat on Thursday, March 15, immediately before the 219th 2YC3 conference. It was a great afternoon planning and decision-making session with all of the 2YC3 officers minus one present. The board has decided to continue the faculty travel grants for the remainder of 2018 for the BCCE at Notre Dame July 29-Aug 2, 2018 and the University of New Mexico-Valencia conference on Oct 12-13, 2018. We had several applicants for the Delgado Conference, so the board felt that we should continue offering these grants as there seems to be a need. One $250 grant is available for BCCE and two $250 grants are available for the 220th conference for any 2YC3 faculty. You must be a member to apply, preference is given for those who are presenting at the conference, those who have no funding or little funding from their institution, and those who come from institutions that are 2YC3 college sponsors. Also, conference host grants are available for faculty who are hosting an upcoming 2YC3 conference and want to learn how it’s done at a prior conference. Up to two faculty from the host institution can travel and receive up to $800 in funding.

The board also discussed the BCCE role that 2YC3 will play at the Biennial Conference on Chemical Education (BCCE) this July. We are major sponsors of this event this year and will have an exhibition booth and ice cream social. We are seeking input from faculty on their best tips and tricks for the teaching and learning of a variety of topics in chemistry. Our booth will feature our vision and role as well as attempt to attract new members and conference hosts for our events. There will be a “major award” drawing for those who stop by and fill our teaching activity cards and giveaways for all who visit the booth.

We had our first conference for this year at Delgado Community College in New Orleans March 16 and 17. We had a great turnout of faculty and exhibitors as well as a wonderful accommodations, speakers, and food! A big thank you to the Program Chair, Diondra DeMolle, Local Arrangements Chair, Marcus Etienne, and Exhibits Chair, April Noble, as well as many other faculty and staff from Delgado for a job well done.

At the ACS National Meeting in New Orleans, 2YC3 hosted a member meeting for the first time ever. We had some new two-year faculty attend as well as some long time members. We discussed how we can make 2YC3 more valuable to members. One idea, which is being implemented, is to add more teaching activities to the newsletter. Fortunately, we had a member step forward who agreed to start us off with a few teaching activities and edit submitted items for the teaching corner in the newsletter. Thanks, John Suchocki! Also at the member meeting was Jon Holmes, editor from Chem Ed Xchange who offered 2YC3 a site for hosting all things for the teaching and learning of chemistry at two-year colleges. This is supported by ACS funding. There is currently a Chem Ed Xchange site for high school teachers which has been tremendously successful.

As always, we are happy to accept critique and input from our members. Don’t hesitate to contact us! I hope you have a wonderful summer! Hope to see you at BCCE!

Mary
Future Conferences in 2019

<table>
<thead>
<tr>
<th>March 29-30, 2019</th>
<th>2YC3 Conference</th>
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<tbody>
<tr>
<td>Valencia College</td>
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<td>Orlando, FL</td>
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<tr>
<th>July 21-25, 2019</th>
<th>ChemEd Conference</th>
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<td>North Central</td>
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<td>College</td>
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Look out for more information via email and Facebook about our travel grants! One will be available for travel to BCCE and two for travel to the University of New-Mexico, Valencia!

## COCTYC and Support Staff 2018 Roster of Committee Members

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<tr>
<th>Role</th>
<th>Chair</th>
<th>Chair-Elect 2018</th>
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<tr>
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<td>Mary Roslonowski, Palm Beach</td>
<td>Peter Larkowski, Delta College</td>
<td>Robert Kojima, San Diego City</td>
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<td>(MI)</td>
<td>College (CA)</td>
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<td>Past Chair (Online Conference Coordinator)</td>
<td>Past Chair (Future Sites Coordinator)</td>
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<td>Scott Donnelly, Arizona Western College (AZ)</td>
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<td>Membership &amp; College Sponsors Chair, Jason Jadin, Rochester Community and Technical College (MN)</td>
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<td>Amy Jo Sanders, Stark State College (OH)</td>
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Classroom Activity Corner
by John Suchocki

Cartooning

A picture is worth a thousand words. Ask students to draw a cartoon of a concept, process, or interaction. They do this individually during class. They then share and discuss their artwork within teams.

For a small to medium sized class, it works well to have students draw their cartoon on a small note card. For a large or online class, students can draw their cartoons by computer. Most classroom management systems have such a drawing feature.

After teams have discussed their own drawings, you can solicit one cartoon per team with the team re-drawing their cartoon as desired. These select cartoons can then be displayed on the document camera and appropriately discussed. What works? What doesn’t work? What’s accurate? What’s inaccurate? Which cartoon is the most representative of the concept, process, or interaction?

For more ideas and to contribute your own, write to John@ConceptualAcademy.com

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Example: Students were asked to draw a cartoon of deoxygenated water:

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At BCCE, make sure to:

- Visit us at our 2YC3 Exhibition Booth! There will be a major award for visiting and contributing!
- Come to the Ice Cream Social on Monday night!
Mary Roslonowski, CHAIR
Jon Gittins, EDITOR
COMMITTEE ON CHEMISTRY
IN THE TWO-YEAR COLLEGE
Division of Chemical Education
American Chemical Society