

# TRIAD CHEMICAL TIMES



Central North Carolina Section American Chemical Society

## November Meeting and NCW

### National Chemistry Week Event

Chemistry Day 2013 will be here soon and we would like to invite you and your college, organization, or company to participate! Chemistry Day is our way to celebrate National Chemistry Week and to increase the public appreciation of chemistry, increase the interest of young people in the Triad in chemistry, and generate enthusiasm for the creative future of chemistry.

The theme for 2013 is "Energy: Now and Forever – Exploring chemistry and energy with a focus on sustainable resources". We will have our Chemistry Day celebration on Sunday, October 27, 2013, 2 pm – 5 pm at the Learning Center in Colfax, NC.

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### Zymurgy: The Art and Science of Brewing Beer

**Dr. Tracy Hamilton**

#### Meeting Details:

**When:** Thursday November 7, 2013

**Where:** Room 201, Sullivan Science Building, UNC-G

**Time:**

**Social: 6:30 pm**

**Meeting: 7:00 pm**

**Abstract/Bio: [page 2](#)**

**Directions : [page 7](#)**



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# Zymurgy: The Art and Science of Brewing Beer



*Abstract:* The presentation will present the history of brewing, followed by how to brew beer step by step. The chemical processes at each step are discussed (in simpler terms than he does for professional chemistry audiences), making connections to various undergraduate topics such as kinetics and organic chemistry. The talk will be capped off by a list of important flavor compounds (both desirable and undesirable) in beer.

Tracy P. Hamilton is a theoretical chemist by profession, with a PhD from the University of Arkansas in 1987 (Peter Pulay) and a post-doc at the University of Georgia (Henry F. Schaefer III). He is currently an associate professor at UAB. Brewing beer is his only outlet for chemical synthesis. He has been brewing since 1997, and is a certified beer judge ([www.bjcp.org](http://www.bjcp.org)). Dr. Hamilton is a member of the Birmingham Brewmasters, a groups dedicated to the appreciation of all beer styles, and to brewing them.

## National Chemistry Week (continued from page 1)

We hope to have a number of activities exploring the positive impacts of chemistry and communicating the importance of chemistry to our quality of life. These activities include hands-on activities, chemistry shows, and demos/displays from local business and colleges. This event will be open to the public and totally free.

Last year's celebration featured activities and presentations by numerous scientists representing great Triad institutions like UNCG, Winston-Salem State, Bennett College, Forsyth Tech, Chemical Educational Foundation, High Point University, Ashland, Evonik STOKO Skin Care, Syngenta, ISP-NC, and Lancaster Labs.

We would love for you and your college, organization, or business to organize a hands-on chemistry activity or a demo/display table on some interesting and fun aspects of chemistry. Relevance to energy, to your research activities, or to your company's products are a plus but please feel free to choose any topic of general chemistry which would be fun and interesting to our youth. In addition, we welcome any donations of items that could be used for goody bags or game prizes (pens, pencils, erasers, magnets, etc.).

We also need volunteers for other operations such as registration, snacks, cleanup, etc.

Please contact us if you would like to participate so that we can save a spot for you!

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# 2013 National Chemistry Day

Celebrate National Chemistry Week with us as we explore:

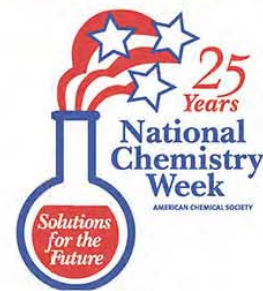
**"ENERGY: NOW AND FOREVER!"**

**Sunday, October 27, 2013**

**2pm to 5pm**

**Girl Scout Learning Center**

**1203 Frances Daily Court, Colfax, NC**



**Battery Recycling!**

**Please bring your used batteries for our battery recycling drive.**



**ACS**

Chemistry for Life™

**FREE to the Public**

**Hands-on Activities • Chemistry Show • Chemical Industry Demos • Snacks**

# Councilor Candidate Statements

One of the sections two councilor positions is up for election this year. Two candidates are running for the councilor position which is for a three year term. Their statements are as follows:

## **Johanna Mazlo:**

Dear ACS Member,

I wish to be elected as Councilor for the North Carolina Section of the ACS. When I was the poster coordinator of the CNC-ACS Poster/Vendor Night, the event was rejuvenated with increased participation from academia and industry which resulted in the large increase of posters and attendees at the event. In addition, using comments from previous participants, attendees, and judges, the poster area at the venue was reconfigured to provide more opportunities for poster presenters and attendees to interact and a new judging format was established. Also, I have made it a point to make contacts with other regional sections. I have gained insights into how other sections serve their local members and introduce new events/technologies so that all members find the local section a useful tool in their busy lives. As my track record shows, I listen and make it a point to hear what members want and need. In this position, I can bring the local issues back to the ACS and work to find ways to help us locally.

I hope to have your vote and thank you for participating in this election,

Johanna Mazlo

## **Robert Yokley:**

Dear Local Section Membership,

I wish to serve another term as a Councilor for the Central North Carolina Section of the ACS. At the local section level (LS), I served as Chair-Elect and Chair (2004-2005) as well as on various LS committees. In addition, I am the creator of the very successful CNC-ACS annual Poster/Vendor Night which is now in its 13<sup>th</sup> year. This event was created to increase interactions between LS members from academia, industry, and government and students and to raise funding to support special guest speakers for each LS September meeting.

In addition to fulfilling my LS duties at national council and caucus meetings, I presently serve on the following national committees:

Committee on Environmental Improvement (CEI)

Committee on Nomenclature, Technology, and Standards Committee (NTS) – sub-committee chair

Liaison to Committee on Community Activities (CCA)

The tasks and responsibilities of each of these committees varies widely but includes voting on issues of interest to our LS, addressing ACS policy on issues such as climate change and sustainability, establishing scientifically consistent and useful nomenclature and standards, and writing numerous articles for the ACS publication Celebrating Chemistry (e.g., I have authored articles on recycling, aquifers, properties of water, hydropower, chemistry of fudge, etc.). This magazine is published twice annually for National Chemistry Week (NCW) and Chemists Celebrate Earth Day (CCED). Please ask anytime if you have questions about these activities ([Ryokley1@triad.rr.com](mailto:Ryokley1@triad.rr.com)).

I retired from Syngenta but still perform some part-time consulting. I earned a BS degree in Chemistry and Mathematics at Middle Tennessee State University and a Ph.D. in Chemistry from the University of Tennessee.

Thank you in advance for your support.

Robert A. Yokley

## Meeting Directions: UNC-Greensboro



**From the NORTH/EAST (Raleigh/Durham, Richmond, VA)** From I-40W/85S, keep right to continue on 40W toward Greensboro/Winston-Salem. Take Exit 218B toward Freeman Mill Road/Coliseum Area and follow Freeman Mill Road. Turn left at the first stoplight onto Coliseum Boulevard. Follow for approximately 1.5 miles and turn right at the fourth stoplight onto Walker Avenue. The Walker Avenue Parking Deck will be on your right after Kenilworth Street.

**From the WEST (Winston-Salem, Asheville, Knoxville, TN)** From I-40 East, follow the signs for Greensboro and take the Wendover Avenue East exit (214B). Follow Wendover to the exit for Market Street (3.5 miles). Turn right on Market Street and follow for less than 1 mile. Turn right on Aycock Street South. At the first stoplight, turn left on Walker Avenue. The Walker Avenue Parking Deck will be on your right after Kenilworth Street.

**From the NORTH on Highway 29 (Reidsville, Danville, VA)** From Highway 29 South take the Wendover Avenue West/Hospital exit. Follow Wendover for approximately 2.6 miles and take the Westover Terrace exit. Follow the exit to the right, and merge right, following the Coliseum sign. Stay on Westover as it becomes Aycock Street. Turn left at the second stoplight onto Walker Avenue. The Walker Avenue Parking Deck will be on your right after Kenilworth Street.

**From the SOUTH on Highway 220 (Asheboro, Rockingham)** From Highway 220 North, follow the signs to the Coliseum area. Turn left at the stoplight onto Coliseum Boulevard. Follow for approximately 1.5 miles and turn right at the fourth stoplight onto Walker Avenue. The Walker Avenue Parking Deck will be on your right after Kenilworth Street.

**From the SOUTH (Salisbury, Charlotte, Atlanta, GA)** From I-85 North, follow Business 85 (exit 120A) toward Greensboro, then take the Holden Road exit (exit 34) and turn right on Holden Road. Follow Holden for approximately 4.5 miles and turn right on Market Street. Follow Market Street for approximately 1.5 miles. Turn right on Aycock Street South. At the first stoplight, turn left on Walker Avenue. The Walker Avenue Parking Deck will be on your right after Kenilworth Street.

## Upcoming Meetings/Events

- |                                  |  |
|----------------------------------|--|
| <b>October 27, 2013</b>          | <b>National Chemistry Week Activities, Girl Scout Learning Center, Colfax, NC</b>      |
| <b>November 7, 2013</b>          | <b>November Section Meeting (UNC-G):<br/>“The Art of Brewing”, Dr. Tracey Hamilton</b> |
| <b>November 12-17, 2013</b>      | <b>SERMACS 2013, Atlanta, GA</b>   |
| <b>December 5, 2013</b>          | <b>Holiday Banquet, Hawthorne Inn, Winston-Salem, NC</b>                               |
| <b>April 1, 2014 (tentative)</b> | <b>14th Annual Poster Vendor Night</b>   |

# AIChE

## Piedmont-Triad North Carolina Section



## Social and Brewery Tour

### Natty Greene's Pub & Brewing Company

345 S Elm St., Greensboro, NC 27406      Wednesday, October 23, 2013  
Fee: \$5/person (Includes tour and tasting)      5:30 PM Social, 6:00 PM Tour

Join us this "Mole Day" for a brewery tour at Natty Greene's in downtown Greensboro. All are welcome! Bring a guest too! Toast to everyone's favorite constant at 6:02. Dinner menu available for self-ordering.

Please fill out the following brief form and RSVP to:

Owen Jappen ([Owen.Jappen@evonik.com](mailto:Owen.Jappen@evonik.com)) or call 336-333-3697  
Juventino Uriarte ([juventino.uriarte\\_in@syngenta.com](mailto:juventino.uriarte_in@syngenta.com)) or call 336-405-4405

(If you would like to become involved with the leadership committee of the local chapter please contact one of the officers listed above for more information.)

Name (s): \_\_\_\_\_

Member \_\_\_\_\_ Prospective Member or Guest \_\_\_\_\_ Student \_\_\_\_\_

#### Directions to Natty Greene's:

Natty Greene's Pub & Brewing Company is located at 345 S Elm Street 3709 Nell St. in downtown Greensboro. Best access is from I-40, by taking the South Elm-Eugene exit and heading into downtown Greensboro. Natty Greene's is on the corner of S Elm and McGee Street right after the train tracks. There is free parking after 5pm across the street from the building. You can find a map on their website at:  
<http://www.nattygreenes.com/breweries/greensboro>

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