

TRIAD CHEMICAL TIMES



Central North Carolina Section American Chemical Society

Big September Meeting



Honoring our 50 and 60 year ACS Members

An Introduction to Hydraulic Fracking

In addition to hearing Marty Knuth present “An Introduction to Hydraulic Fracking”, we will be honoring our 50 and 60 year ACS members.

2012 50 year members

Dr Charles Beck
Dr. Audrey Ihrig

2012 60 year members

Mr. Benton Leach
Dr Will Merritt, Jr

2013 50 Year Member

Dr. James Nottke

Meeting Details:

When:

Thursday September 19, 2013

Where:

Syngenta Auditorium

Time:

Social: 6:30 pm

Meeting: 7:00 pm

[Abstract/Bio: page 2](#)

[Directions : page 7](#)

Highlights in this issue:

	Page
<i>September speaker info</i>	2
<i>Results of the Dessert Bake-Off from the July Picnic</i>	3
<i>Election for 2014 positions</i>	4
<i>Directions to Syngenta</i>	7
<i>Upcoming Events</i>	8
<i>2013 Executive Committee and Committee Heads</i>	9

CNC-ACS Officers

Mr. Clifton Bell Chair bellce@wssu.edu
Mr. Cale Murray Chair-Elect CMurray@Qualicaps.com
Ms. Janice Foushee Secretary-Treasurer jfoushee@ashland.com
CNC-ACS Website <http://www.cnc-acs.sites.acs.org/>

Newsletter Editor: Bill Eberle bill.eberle@syngenta.com



Analytical Group Speaker



Civil & Environmental Consultants, Inc.



Martin C. Knuth, P.G., Vice President

Mr. Knuth is a Vice President with Civil & Environmental Consultants, Inc. with more than 25 years of consulting experience. At CEC, Mr. Knuth co-leads the firm's Natural Gas Industry Consulting Group, which strategically focuses on the business challenges and drivers of this specific industry segment. He also is an active member of the public relations committee for the Marcellus Shale Coalition, speaking frequently throughout the region on critical topics related to the natural gas industry and Marcellus Shale development. Mr. Knuth has Master of Science degrees in both Geology and Geological Engineering, and he is a registered Professional Geologist in Pennsylvania.

Toll-free: 800-365-2324 • Fax: 412-429-2114

mknuth@cecinc.com • www.cecinc.com

About Civil & Environmental Consultants, Inc. (CEC)

Civil & Environmental Consultants, Inc. (CEC) is a company of professionals who provide comprehensive industry-focused consulting services that advance our clients' strategic business objectives. CEC scientists and engineers are recognized for delivering knowledge, innovative design solutions and integrated expertise in the primary practice areas of civil/site engineering, environmental services, ecological services, waste management and water resources. Multi-disciplinary Industry Consulting Groups (ICGs) strategically focus on the business challenges and drivers of the electric utilities, manufacturing, mining, natural gas, real estate, and solid waste industries, as well as the public sector.

Headquartered in Pittsburgh, Pennsylvania, CEC is an expanding company with 18 offices and more than 550 employees nationwide. We have a proven track record of providing sound, technical solutions that balance the requirements of compliance, risk management and the business needs of a diverse client base. CEC instills trust through a reputation built on personal business relationships, the practical knowledge of senior leadership, and a culture of integrated services. CEC develops project teams that are led by senior-level personnel to tackle the unique challenges of each and every project.

www.cecinc.com

CNC-ACS Picnic (13 June)

By Robert A. Yokley

Despite rain and wind storms, power outages, fallen trees, the closing of the Bur-Mil Park clubhouse/pool, and a damaged propane tank valve, this year's Central North Carolina Section of the ACS picnic was a roaring success. Twenty-five members and guests gathered at the shelter closest to the Bur-Mil clubhouse. The attendance was lower than expected due to the heavy rain and wind just prior to the picnic. However, the weather during the picnic was excellent – dry with pleasant temperatures. Although the pool was unavailable, most of the children found happiness on the nearby playground and swing sets. It appears everyone had a great time based on the laughter, camaraderie, and after 9 PM departure time.

Many thanks to the grill masters T.J. and Cassandra Mäyer and Sandy Kabler for grilling the burgers and dogs. Also, we wish to thank the Eberle family (Bill, Colleen, Erin, and John) for helping set-up the food, condiments, drinks, and other picnic supplies. I wish to personally thank my younger daughter, Kari Ann, for returning to the grocery to purchase sliced cheese (necessary to create a cheeseburger, yes?).

We also wish to thank our volunteer dessert judges Mandy Stauffer, Owen Wilson, and Jill Tierney. It was a tough job but it had to be done by somebody. Several great tasting treats were entered into the dessert contest but only three could be awarded prizes. We thank everyone who prepared desserts for the picnic. The three winners were:

Colleen Eberle – Black Forest Cake (\$40 gift card)

Sandy Kabler – Blueberry Cobbler (\$30 gift card)

Debbie Pritchard – Chocolate Pound Cake (\$20 gift card)

Near the end, the children were treated to drawings for door prizes. We are grateful to the CNC Section of the ACS via the efforts of T.J. Mäyer and Janice Foushee for the door prizes and dessert gift cards.

Special recognition is extended to John Eberle for his record breaking accomplishment of consuming 4+ burgers and an unknown number of hot dogs.

Mark your calendars – the next CNC-ACS picnic is scheduled for 5 June 2014.

Call for Nominees

Elections will take place at the October section meeting. The Central NC section is looking for nominees for the following positions: If you are interested in nominating yourself or another individual, please contact Cliff Bell at bellce@wssu.edu.

Chair Elect: This individual will spend 2014 preparing to lead the local section in 2015. If for whatever reason the chair for 2014 can't fulfill their duties, you will become the chair of the local section.

Treasurer

Councilor: One of the councilor positions is up for election this year. The role of Councilor and associated duties are listed below.

Director: One of the two director positions is up for election this year. The position of director is a member at large position that is part of the Executive Committee.

The role of Councilor

The Central North Carolina Section of the ACS (CNC-ACS) is represented at the national level by two elected councilors. One of these Councilor positions is due for re-election. Therefore, if you are interested in serving as a CNC-ACS Councilor, please send nominations or self-nominations to Clifford Bell at bellce@wssu.edu no later than 30 September. E-balloting will take place in October.

The duties of a local section Councilor are summarized below.

You are elected for a three-year term, unless you were elected to serve the unexpired term of a preceding Councilor. To participate in Council activities, you must first be certified as a Councilor. Your name and term of service must be submitted to the ACS Executive Director & CEO and certified on or before December 1 each year. In the late fall, the ACS National Office provides forms to your section or division secretary for this procedure.

First-year Councilors are seldom appointed to an ACS committee. As a result, a new Councilor should use the first year to become familiar with ACS governance. Later, you should seriously consider becoming involved in an ACS committee because committees are the driving forces of the ACS. They significantly influence the goals and actions of the Society; they are where most initiatives for Council consideration originate and are developed. To maximize your service to the ACS and your contribution to its governance, strive to serve more than one term as a Councilor.

The key to being an effective Councilor is to stay informed. You should understand what is going on at the national level and within the local section or division that you represent. Remember, too, that you are a national Councilor. Looking out for your constituency is important; however, concern for the broader concerns of our profession and the chemical sciences at the national level is equally important. An understanding of the strategic direction of the Society will be vital in this regard. You may review the goals outlined in the ACS Strategic Plan.

Here are some practical suggestions to help you quickly become an effective Councilor.

- (1) Attend all of your local section and Executive Committee meetings.
- (2) Join the Councilor Group via the ACS Network to identify experienced Councilors.
- (3) Seek to become involved in an ACS national committee.

Further details of the Councilor's duties are shown in the following:

<http://www.acs.org/content/acs/en/about/governance/councilors.html>



Office of Public Affairs

Dear Chemistry Ambassador,

With the school year ending across the country, students are looking forward to a summer spent relaxing. Teachers, on the other hand, are planning now for the fall school term. Help elementary and middle school science teachers in your community by sharing these free educational resources from ACS.

[Inquiry in Action](#): A resource for guided, inquiry-based activities that grade 3-6 teachers and students can use to supplement physical science curriculum.

[MiddleSchoolChemistry.com](#): A resource of guided, inquiry-based lesson plans for grades 6-8 that covers basic chemistry concepts along with the process of scientific investigation.

These resources are also perfect content for summer camps, scouting groups and other youth activities. Use them to teach chemistry to young people you know or share them with teachers in your community. And please, share your feedback about these materials by emailing us at chemistryambassadors@acs.org.

As a Chemistry Ambassador, you can help ACS to improve science education and spark interest in science for young people in your community. Thank you.

Sincerely,

A handwritten signature in black ink that reads 'Nancy'.

Nancy McCormick-Pickett

Manager, Strategic Communications | Office of Public Affairs

1155 16th St., NW | Washington | DC 20036

T 202-872-4381 | F 202-872-4370 | 800-227-5558

www.acs.org

ACS Chemistry for Life
American Chemical Society

1155 Sixteenth Street, N.W. Washington, D.C. 20036 www.acs.org



Syngenta Community Grant Program

The Syngenta Community Grant Program strives to provide meaningful funding to not-for-profit programs in the Piedmont Triad that focus on educating the public about agriculture and science or alleviating hunger in our community.

The deadline to submit applications is Monday, September 30, 2013. Applications and supporting documents must be typed and submitted via email to Rahshek.Ellis@syngenta.com. Late proposals or those sent via mail or fax will not be accepted.

For more information on the Syngenta Community Grant Program, guidelines, and to download an application visit: www.syngenta-us.com/communitygrant

Regards,
Rahshek

Rahshek D. Ellis
Communications Specialist
Syngenta Corporation
410 Swing Road
Greensboro, NC 27409
rahshek.ellis@syngenta.com

Traveling West on I-40 in Greensboro:

- ✚ Take **Exit # 213**.
- ✚ At the top of the exit ramp, go straight through the traffic signal onto **Swing Road**.
- ✚ Follow Swing Rd past the Radisson and turn **left at the “Entrance 2” sign**.
- ✚ **Park in the parking area on the left**.
- ✚ Enter the glass double doors to the right of “E” Building. Check with security and they will direct you to the site auditorium or L-Bldg.

Traveling East on I-40 in Greensboro:

- ✚ Take **Exit # 213** and follow the exit ramp around to the top.
- ✚ Turn **right at the traffic signal** and pass over I-40.
- ✚ Turn **left** at the very **next traffic signal** onto Swing Road (immediately after crossing I-40).
- ✚ Follow the remainder of directions from the I-40 West directions above.

Biotech Day September 26

BioNetwork is going to partner again this year with SciWorks Science Museum, local companies and organizations to present “Biotech Day”. For more information please contact Debbie Pritchard.

The Fourth Annual Biotechnology Day will be held September 26, 2013 from 9:00 am until 1:00 pm at SciWorks in Winston-Salem. The event is planned and staffed by volunteers and all administrative costs are supported through BioNetwork. There is no cost to participate and have fun. We had over 400 students attend in 2012 and are expecting as many or more this year.

We would love for you or your company/group to be involved by staffing a table and providing students with a hands-on demonstration. Demonstrations can be based on your company's specialty or anything related to biotechnology – and we are liberal with the definition of biotechnology. In years past, companies allowed students to learn how to use a gel-electrophoresis, make biodiesel, extract DNA from strawberries, and even manipulate medical devices. We can suggest activities for you if you need suggestions or help. Activities that require 5 minutes or less typically work best as the movement is very fluid from table to table.

We believe the enthusiasm resulting from Biotechnology Day provides long-term rewards to all of the students that attend. Your help will be described and acknowledged in our program flyer and student-activity guide. Please feel free to provide additional literature about your company to attendees.

If you have any questions please do not hesitate to call me, Cheryl Bowman, at [336-734-7661](tel:336-734-7661). If you can participate, please give me a call by September 9th.

BioNetwork Pharmaceutical Center & Analytical Training Lab

Office: 336.757.3433

Fax: 336.748.4661

cbowman@ncbionetwork.org

Upcoming Meetings

September 8-12 , 2013	ACS National Meeting, Indianapolis, IN
September 19, 2013	Monthly Section Meeting: “An Introduction to Hydraulic Fracking” Marty Knuth, 6:30 pm at Syngenta, Greensboro, NC
September 26, 2013	Biotech Day: Sciworks, Winston Salem, NC 9am to 1pm
October 10, 2013	October Section Meeting (location TBD): “The H L Hunley”, Dr. William “Jack” Breazeale
October 27, 2013	National Chemistry Week Activities, Girl Scout Learning Center, Colfax, NC
November 7, 2013	November Section Meeting (location TBD): “The Art of Brewing”, Dr. Tracey Hamilton
November 12-17, 2013	SERMACS 2013, Atlanta, GA
December 5, 2013	Holiday Banquet, Hawthorne Inn, Winston-Salem, NC

Officer and Committee Head Contacts

Office	Officer	E-mail	Phone
Chair	Cliff Bell	bellce@wssu.edu	750-2545
Chair Elect	Cale Murray	caleacs@gmail.com	501-4706
Secretary/Treasurer	Janice Foushee	jfoushee@ashland.com	333-2738
Councilor ('13)	Robert Yokley	TR6VOL@triad.rr.com	595-7530
Councilor ('15)	Tim Ballard	tballard@en-cas.com	785-3252
Alternate Councilor ('12)	Paul Weller	wellerp@elon.edu	278-6225
Alternate Councilor ('12)	Gail Webster	gwebster@guilford.edu	316-2486
Director ('13)	Kent Kabler	kent.kabler@syngenta.com	632-6014
Director ('14)	TJ Mayer	tj.mayer@syngenta.com	632-6079
Past Chair	Edward Robinson	erobinson@lortobco.com	335-6625
Analytical Sub Group	Jeremi Johnson	JeremiJohnson@lortobco.com	335-6624
Awards	Robert Yokley	TR6VOL@triad.rr.com	595-7530
Education	Yulia Basova	ybasova@yahoo.com	834-2335
* Chemsense	OPEN		
* National Chemistry Olympiad	OPEN		
* Science Center Advisor	Jerry Walsh	jlwalsh@uncg.edu	334-5672
* UNC-G High School Lab Day	Jerry Walsh	jlwalsh@uncg.edu	334-5672
Earth Day	Bill Nell	williamnell@bellsouth.net	764-9322
Government Relations	Edward Robinson	erobinson@lortobco.com	335-6625
Hospitality	Pat Duffy	duffypatriciaj@gmail.com	209-0302
Long Range Planning	Dave MacInnes		254-8453
Membership	OPEN		
Minority Affairs	Julius Harp	harpj@ncat.edu	285-2239
National Chemistry Week	Dennis Ergle	dergle@lortobco.com	335-6629
	Cynthia Willard	cwilliard@lortobco.com	335-6729
Newsletter Editor	Bill Eberle	bill.eberle@syngenta.com	632-7569
Poster Vendor Night			
* Vendor Coordinator	OPEN		
* Poster Coordinator	Jill Tierney	tierney_j@bellsouth.net	430-8601
Project Seed	OPEN		
Professional Relations	OPEN		
Public Relations & Publicity	OPEN		
Public Affairs	Edward Robinson	erobinson@lortobco.com	335-6625
* Science Advisor - Howard Coble	Dave MacInnes		
* Science Advisor - Richard Burr	Liliana Garcia	lilianagarcia@live.com	
Student Member Coordinator	Bethany Eaton	bethany.eaton@salem.edu	366-7596
Student Member Faculty Coord.	Paul Weller	wellerp@elon.edu	278-6225
Web Page	John Merle	merlejo@wssu.edu	750-2237
Womens Chemists	Gail Webster	gwebster@guilford.edu	316-2486
Younger Chemists	OPEN		