

TRIAD CHEMICAL TIMES



Central North Carolina Section American Chemical Society

March Section Meeting

Speaker: Phil McCann, JD: From Bench to Marketplace, Best Practices for Intellectual Property

When: Thursday, March 27th, 2014

Where: Room 201 Sullivan Science Bldg. UNC-Greensboro

Time: Social: 6:30 to 7:00 pm Meeting: 7:00 pm



14th Annual Poster Vendor Night (PVN 2014)

Tuesday, April 1st 2014 at Syngenta Auditorium

PVN is the largest meeting event of the year. Come stop by to see posters highlighting research from around the Triad and meet with vendors of scientific equipment. PVN is a great opportunity to renew old acquaintances and make new ones. Please bring a colleague; you do not need to be an ACS member to attend or present a poster (see page 8 for further details).

Upcoming Events

April 17, 2014. April Section Meeting at Elon University: Air Quality and Atmospheric Chemistry.

April 20, 2014 5th Annual Biotechnology Day, SciWorks, Winston Salem (see page 5).

Highlights in this issue:

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CNC-ACS Officers

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Phil McCann's practice focuses on intellectual property and in particular patent law. He prosecutes patent applications before the United States Patent and Trademark office and regularly advises clients on patent infringement and patent licensing issues as well as management of patent portfolios.

Mr. McCann has more than 25 years of patent experience handling Intellectual Property including patent matters in fields including specialty chemicals, polymer chemistry, tires, manufacturing equipment, pharmaceuticals, adhesives, and medical devices.

Mr. McCann also provides intellectual property counseling to a number of large corporations including patent prosecution for these companies in the United States and opposition proceedings in Europe with similar matters in the United States.

Prior to joining Smith Moore Leatherwood, Mr. McCann was Chief IP Counsel for Great Lakes Chemical Corporation in Indianapolis, after having served as a patent attorney at Clariant and Hoechst Celanese in Charlotte for 10 years. Mr. McCann currently serves as the leader of the Firm's Intellectual Property Team.

Education

- J.D., University of Akron School of Law, 1984
- M.B.A, Drake University, 1980
- M.S., Gannon University, 1977
- B.S., Brock University, 1974

Admissions

- Ohio, 1984
- Pennsylvania, 1987
- United States Patent and Trademark Office, 1982
- North Carolina, 2002

Professional Memberships

Association of Corporate Patent Counsel

Publications

Co-Author, "[False Patent Markings Could Cost You - The New Frontier in Intellectual Property Litigation,](#)" *SML Perspectives*, December 2010

- "Guidelines for Claim Construction of U.S. Patents" – *BT Catalyst*, February/March 2003
- "Claiming Your Biotechnology Company's Intellectual Property: Guidelines for Claim Construction of United States Patents" – *National Law Journal*, Vol. 25, No.17, December 16, 2002

THE 2014 NATIONAL CHEMISTRY OLYMPIAD

As Chairman of the Olympiad Committee of the Central North Carolina Section of the American Chemical Society (ACS), I am pleased to announce that we will be participating in the **2014 U.S. National Chemistry Olympiad (USNCO)**. The primary goals of this program are to stimulate interest and achievement in chemistry among high school students throughout the United States and to provide recognition of outstanding young chemistry students, teachers, and schools.

Students competing in the USNCO are eligible to be selected as members of the United States team for the International Chemistry Olympiad (IChO). For the past twenty nine years, the United States has sent a team of four students to compete with nations around the world at the IChO. The students participate in both theoretical and laboratory examinations over several days. Gold, silver, and bronze medals are awarded to the best performers, and the IChO provides students the opportunity to interact with their peers from other countries. This year the international event will be held in Hanoi, Vietnam, July 20-29, 2014.

My immediate task is to encourage you and your students to participate in this program. The identification of the four member U.S. team begins at the local school system level. It is the responsibility of the Central North Carolina local ACS section to nominate students from this area to take the USNCO national examination. In order to identify these students, we will conduct a preliminary screening of students with a special multiple choice examination prepared by the ACS committee. This examination will be administered on **Saturday, March 22, 2014 at 9:30 a.m. at Winston-Salem State University (W.B. Atkinson Science Building) and will last for two hours**. Each school will be allowed to send AP Chemistry 2 students to take the exam. If there are spots available (for example, if some schools do not send students to take the exam), 2 additional students will be allowed to participate. Please submit 4 names, with the last 2 listed as alternates. There is no fee for taking the exam, but you **must confirm by email and/or return the registration form by March 14, 2014**. If you cannot participate or need to update your contact information, please let me know.

I encourage your school to participate in this academic Olympiad. All students who participate will be recognized and presented with a certificate; some students receive recognition for outstanding performance in certain categories. We hope this recognition will serve to stimulate interest in chemistry and to promote a positive attitude toward chemistry.

Students who are chosen from the local level will also compete for the national spots by taking a lab practical and an additional, Advanced Placement type test (multiple choice and essay). This competition will be held at the end of April and more details will be announced later to those who are chosen to participate.

Thank you for helping us to promote chemical education in this country.

Dr. A Bakarr Kanu

Assistant Professor Analytical/Environmental/Forensic Chemistry

Ph: 336-750-3199; Email: kanuabb@wssu.edu

Teachers who are interested in registering their students should contact me for the official letter to be sent to the parents of the kids selected for the competition. The parent's letter cannot be put in the newsletter but teachers interested can contact me directly for the letter. Let me know if you have further questions.

Opportunities to become involved in the Central NC-ACS Section

Coordinator and Volunteers Needed for Summer Picnic

Do you like to eat good food in good company and in a great atmosphere? Then the CNC-ACS Summer Picnic is the place to be. We are in search of a coordinator and volunteers for this year's summer picnic. The coordinator would be responsible for the overall event. The volunteers would assist the coordinator in various activities to support the picnic. If you are interested in coordinating or volunteering for the picnic, please contact Cale Murray at caleacs@gmail.com.

Hospitality Chair

We need a volunteer to coordinate the hospitality portion of our monthly meetings. The hospitality chair would be in charge of making sure arrangements are made to have light refreshments to accompany our meetings. This position involves working with a pool of volunteers. The hospitality chair is not expected to do all the work or to be at all the meetings – just coordinate.

If you want to serve as Hospitality chair or join the pool of volunteers, please contact Debbie Pritchard dpritchard@forsythtech.edu.

Local Section Treasurer

After 20 years of serving as Treasurer, Janice Foushee will be stepping down at the end of this year. Janice was awarded a plaque at the Executive Committee Meeting in February for her tremendous and lengthy service to the Central NC ACS section. If you are interested in running for the position of Treasurer, please contact Cale Murray at caleacs@gmail.com or Janice Foushee at jfoushee@ashland.com.



Poster Submission for Poster Vendor Night

Be sure to submit your poster (industrial or academic) for Poster Vendor Night. The deadline for submission is March 25th. Contact Jill Tierney (tierney_j@bellsouth.net) or Amy Quattlebaum (amy.quattlebaum@syngenta.com) for further details on poster submission.

Judges needed for Poster Vendor Night

We are in need of volunteers to judge graduate and undergraduate posters at Poster Vendor Night. If you are interested in volunteering, please contact Jill Tierney (tierney_j@bellsouth.net) or Amy Quattlebaum (amy.quattlebaum@syngenta.com).

Biotechnology Day

Dear Partner in Science:

BioNetwork and SciWorks Science Museum of Winston-Salem are partnering again to host our fifth **Biotechnology Day** on **Thursday April, 10th, 2014** at SciWorks' location in Winston-Salem. This is an opportunity for middle school students from the area to learn more about biotechnology through local company support. The event is planned and fully funded by BioNetwork.

We invite you to host a table in which you interact with groups of students for 5-10 minutes, introducing your role in biotechnology and running through a hands-on or visual demonstration. We recommend your activity be based upon either your company's specialty or another topic in biotechnology. In the past four years, students have performed gel-electrophoresis, made biodiesel, extracted DNA from strawberries, and even manipulated medical devices. BioNetwork can provide an activity and supplies, if needed.

We believe the enthusiasm resulting from Biotechnology Day provides long-term rewards to both the students and the Biotech community.

Let us know if you would like to participate and receive additional information by contacting Jessica Enevold at [336-734-7661](tel:336-734-7661) or at jenevold@ncbionetwork.org. **Please respond by Monday, February 10th.**

Highest Regards,

***Cheryl
Bowman***

Director, BioNetwork Pharmaceutical Center & Analytical Training Lab
Office:

[336.757.3433](tel:336.757.3433)

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SERMACS 2014 Student Travel Grants from CNC-ACS

SERMACS 2014 will be held in Nashville, TN on October 16-19, 2014. CNC-ACS will award up to five \$100 travel grants for students who are presenting at SERMACS. The guidelines for consideration are:

The student must be a member of the ACS and live within or attend a university within the jurisdiction of the CNC Section

The student must be formally presenting a poster or oral presentation at SERMACS

Students who are participating in or have previously participated in the CNC section Poster/Vendor Night will be given priority

CNC-ACS, at all times, reserves the right to amend and/or edit these guidelines.

To be considered for a travel grant, please submit a written request which outlines your eligibility based on the criteria listed above along with an abstract/summary for the poster or presentation to Cale Murray at caleacs@gmail.com. Submissions must be received by July 1, 2014 in order to receive consideration for a grant. Only a limited amount of funding is available for grants.

Biomedical Related Research

If you perform biomedical related research and/or have need for conducting oligonucleotide sequencing in your laboratory, contact Robert Yokley at ryokley@microdysis.com or go to <http://www.microdysis.com/> for further information.

Are You a Tech Savvy Girl?

You will be after a day of hands-on fun with science, technology, engineering, and mathematics!

Tech Savvy prepares you to be a scientist, engineer, or technology expert. A special session for your parents and families shows them how to help you on your path to college and a career.

Are you ready?

Who: Girls in grades 6–9
Sessions for Parents as well!

Where: Sullivan Science Building
University of North Carolina Greensboro
www.uncg.edu/mat/rmsc/directions.html

Date: Saturday, March 29, 2014

Time: 8.30 am –Check-in and onsite Registration
(Limited spots—Register in advance)
Program for Students—9 am to 3.30 pm
Program for Parents/Guardians:
• 9 am to 12 noon (AM session)

Cost:

- \$5 for single student
- \$ 7.50 for a student and Parent/Guardian
- Boxed lunch and limited parking passes for McIver Garage provided for all pre-registrants

A fun filled day with lots of hands-on activities; interact with STEM professionals from UNCG, Joint School of NanoScience and Nano-Engineering, NC A&T, Guilford College, and GTCC; Win awesome prizes!!

Contact: triadtechsavvy@gmail.com



Questions? Want to register? Visit us at greensboro-nc.aauw.net/techsavvy/

TechSavvy
by AAUW

AAUW
empowering women since 1881

PRAXAIR
Making our planet more productive

Lincoln
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TECHNOLOGYCENTER
at Piedmont Triad
Technology Center

UNCG

14th Annual Poster Vendor Night



Student poster awards \$\$\$

When: Tuesday, April 1st, 2014 from 3-7 p.m.

Where: Auditorium, Syngenta Crop Protection
410 Swing Road, Greensboro, NC

What: Posters (Academic + Industry), Vendors, Products

Door Prizes

Great Food

Networking

Trade Show

Please contact Jill Tierney (tierney_j@bellsouth.net, 336-430-8601) or Amy Quattlebaum (amy.quattlebaum@syngenta.com, 336-409-6769) for more information.

Additional info available at = <http://cnc-accs.sites.acs.org>

Safety Corner



March 2014 Safety Reminder

Most laboratories use compressed gas cylinders in some form or fashion. Whether you use Helium to sparge HPLC solvents, Hydrogen with your GC, or any one of the multitude of uses of compressed gas cylinders in the laboratory, one constant remains: compressed gas cylinders must be properly restrained at all times. This may be accomplished by a variety of chains, straps, and other devices designed to properly secure compressed gas cylinders. Assure that all cylinders in your laboratory are properly restrained.

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.

Message from the ACS Office of Public Affairs

Dear William, Chemistry Ambassador,

PBS NewsHour and others want to hear from you!

- **Students: Why did you choose basic research? PBS wants to know why it excites you! Answer with a short video on Vine, Instagram or YouTube.**

A [PBS NewsHour contest](#) running through [March 14](#) asks students to share their reasons for spending hours in the lab. What excites you? What frustrates you? What keeps you up all night? Share your story of conducting basic research with a short video—on Vine, Instagram or YouTube. PBS will post some of the best on their website and they might even visit your lab to learn more. [Tweet the link to your entries using #chem_amb and drop us a note on the Chemistry Ambassadors Facebook page so we can all see your great work!](#)

Even if you're not a student, being able to **talk about your research** is a real asset. The Chemistry Ambassadors program encourages you to share your story of being a scientist with friends and family, and we offer [tools and messages for talking about chemistry](#) to get you started. As a chemist, you can help others better understand important questions, like "What is basic research, and how does it affect me?" and "What are biofuels?"

Chemists Celebrate Earth Day is coming up, and the theme is "Wonders of Water." As a Chemistry Ambassador, we want you to know about the educational resources and community outreach activities that CCED provides, and share them with teachers, students and others in your community. Find out more at www.acs.org/cced, and send us a note describing how you plan to celebrate.

Tell us how you used these tools and opportunities—did you share them, post them on your social media sites, talk to people about the messages they convey? What was the reaction? We'd love to hear from you!

Sincerely,



Nancy McCormick-Pickett
Manager, Strategic Communications | Office of Public Affairs
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ACS Chemistry for Life
American Chemical Society

Call for Alternate Councilor Nominees

The Role of Alternate Councilor

The Central North Carolina Section of the ACS (CNC-ACS) is represented at the national level by two elected Councilors. The section also is allocated two Alternate Councilors. These positions are due for re-election. Therefore, if you are interested in nominating a member or serving as a CNC-ACS Alternate Councilor, please send nominations or self-nominations to Cale Murray at caleacs@gmail.com no later than March 27, 2013. E-balloting will take place in early April 2014. The duties of a local section Alternate Councilor are summarized below:

Each Local Section or Division elects Alternate Councilors equal in number to the number of Councilors to which each is entitled. In the event a Councilor is unable to attend a Council meeting, the Local Section or Division selects an Alternate Councilor to attend the meeting. Alternate Councilors may not vote unless they have been officially appointed to replace a Councilor who cannot attend the Council meeting. The selection of which Alternate Councilor will represent CNC-ACS will be at the discretion of the CNC-ACS Executive Committee.

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

<http://www.acs.org/content/dam/acsorg/about/governance/councilors/councilor-handbook-2012.pdf>

Officer and Committee Head Contacts

Office	Officer	E-mail	Phone
Chair	Cale Murray	caleacs@gmail.com	501-4706
Chair Elect	Deborah Pritchard	dpritchard@ncbionetwork.org	
Secretary/Treasurer	Janice Foushee	jfoushee@ashland.com	333-2738
Councilor ('16)	Robert Yokley	RYokley1@triad.rr.com	558.8212
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 ('15)	Bill Eberle	bill.eberle@syngenta.com	632-7569
Director ('14)	TJ Mayer	tj.mayer@syngenta.com	632-6079
Past Chair	Cliff Bell	bellce@wssu.edu	750-2545
Analytical Sub Group	Jeremi Johnson	JeremiJohnson@lortobco.com	335-6624
Awards	Robert Yokley	RYokley1@triad.rr.com	558.8212
Education	Yulia Basova	ybasova@yahoo.com	834-2335
* Chemsense	OPEN		
* National Chemistry Olympiad	Bakkar Kanu	kanuabb@wssu.edu	750-3199;
* 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	OPEN		
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
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Public Relations & Publicity	OPEN		
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