

# TRIAD CHEMICAL TIMES



Central North Carolina Section American Chemical Society

## February Section Meeting



**Speaker:** Dr. Astor Y. Herrell; African-American History and Chemistry

**When:** Thursday, February 13th, 2014

**Where:** Winston Salem State University; Atkinson Science Building

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

## Upcoming Events

March 27, 2014 March Section Meeting , 7 pm, UNC-G  
April 1, 2014 14th Annual Poster Vendor Night, 3-7 pm Syngenta, Greensboro  
April 20, 2014 5th Annual Biotechnology Day, SciWorks, Winston Salem (not an ACS event)

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## CNC-ACS Officers

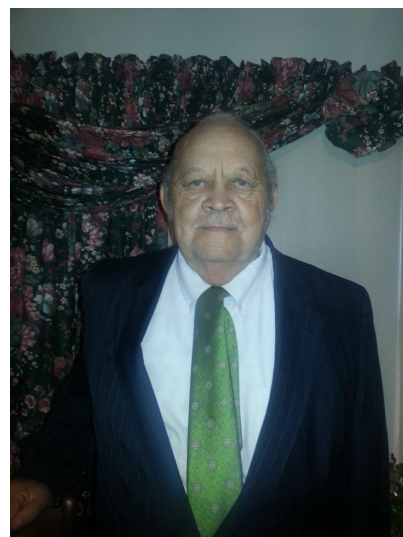
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Dr. Astor Y. Herrell



## Directions to Winston Salem State University

Wilveria B. Atkinson Science Building

### From the East

Go on Interstate 40  
Take Exit 206 to continue on Business 40  
Take Exit 6C - Martin Luther King, Jr.  
Turn Left onto Martin Luther King Jr.  
Turn Right into Cromartie Street .

### From the West

Go on Business 40  
Take Exit 6C ( MLK Drive )  
Keep left at the fork  
Turn Left onto Martin Luther King Jr.  
Turn Right into Cromartie Street .

Wilveria B. Atkinson Science Building is the 2<sup>nd</sup> building on the right

## 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.

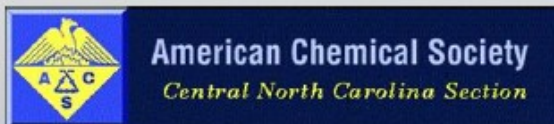
Dr. A Bakarr Kanu

Assistant Professor Analytical/Environmental/Forensic Chemistry

Ph: 336-750-3199; Email: [kanuabb@wssu.edu](mailto: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.

# 14<sup>th</sup> Annual Poster Vendor Night



Student poster awards \$\$\$

**When:** Tuesday, April 1<sup>st</sup>, 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](mailto:tierney_j@bellsouth.net), 336-430-8601) or Amy Quattlebaum ([amy.quattlebaum@syngenta.com](mailto:amy.quattlebaum@syngenta.com), 336-409-6769) for more information.

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

## 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](mailto:jenevold@ncbionetwork.org). **Please respond by Monday, February 10th.**

Highest Regards,

**Cheryl  
Bowman**

Director, BioNetwork Pharmaceutical Center & Analytical Training Lab  
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# Safety Corner

## February 2014 Safety Reminder

Technology improves every day, but there are still tools we use that cannot be replaced. Your hands are one of those irreplaceable tools. Hand protection is often overlooked when we consider laboratory safety. We wear the same gloves every day without consideration of the threats that these gloves may or not protect us against. Chemical resistance is a vital consideration when selecting gloves for a task. Always review the chemical resistance/glove selection guide for the chemicals you are working with to assure that your gloves offer adequate protection. This is a link to the website for OSHA's chemical resistance <https://www.osha.gov/Publications/osha3151.html>. We also often wear gloves without consideration of thermal protection. A nitrile glove may be great for chemical resistance, but it may also melt to your hand when brought into contact with excess heat. Be certain to consider thermal protection when selecting protective gloves. Cut protection is another benefit that gloves can provide. There are gloves made with Kevlar™, Aramid™, and other fibers which provide resistance to heat and cuts. Always consider the hazards you will be working with when selecting gloves for use in the laboratory.



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* National Chemistry Olympiad	OPEN		
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