

TRIAD CHEMICAL TIMES



Central North Carolina Section American Chemical Society

February CNC-ACS Meeting Sayo O. Fakayode, PhD Thursday, February 7, 2013



Investigation of Hg(II)-Human Serum Albumin Complexes

February Meeting Details:

When:

Thursday February 7, 2013

Where:

Winston Salem State University

WB Atkinson Room 210

Time:

Social: 6:30 pm

Meeting: 7:00 pm

Abstract/Bio: page 2

Directions : page 4

Here is what you can do

The Triad Chemical Times is your newsletter. There are so many events, awards, and announcements in the Triad that go unreported. As newsletter editor, I want to share this with our local section, but I need your help. Please send me your news and I will put it in the newsletter. Paid advertisements are also available. My contact information is at the bottom of this page.

Highlights in this issue:

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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





Sayo O. Fakayode, PhD

Title: Investigation of Hg(II)-Human Serum Albumin Complexes

Biography:

Dr. Fakayode is an Assistant Professor in the Department of Chemistry at Winston-Salem State University, Winston-Salem, North Carolina. He received his B.Sc. degree in chemistry from University of Ibadan, Nigeria, in 1994 and received his M.Sc. degree in analytical chemistry from University of Ibadan, in 1997. He was an Assistant Lecturer in the Department of Chemistry, University of Ibadan, Nigeria, from 1998 to 2000. He obtained his Ph.D. in analytical chemistry from Baylor University, Waco, Texas, in 2004 under the supervision of Dr. Marianna A. Busch and Dr. Kenneth W. Busch. He was a postdoctoral researcher in Dr. Isiah Warner's research group at Louisiana State University between 2004 and 2007. His research interests include chiral analysis, guest host inclusion complexation, analytical spectroscopy, fluorescence detection of molecules of pharmaceutical, clinical, biomedical, and environmental interest, chemometrics and multivariate analysis, and experimental design for process optimization and process control.

Upcoming Meetings

February 7th WSSU 6:30; Dr. Sayo Fakayode

March 26th Poster Vendor Night 3 to 7 pm; Syngenta Auditorium

March 28 UNC-Greensboro 6:30 pm; Dr. Al Hazari

April 7-11 ACS National Meeting in New Orleans

Local Section News

Robert Yokley Appointed to National Nomenclature Committee

CNC-ACS Councilor Robert A. Yokley was appointed as an associate member to the national ACS committee on Nomenclature, Terminology, and Symbols. The appointment is effective 1/1/13. This Committee examines problems and monitors developments in nomenclature, terminology and symbols, coordinates the activities of divisional and other committees dealing with such matters within the Society, and advises and consults with editors of Society publications in matters related to nomenclature, terminology and symbols.

ACS Presentations are now on Demand

I am pleased to announce the launch of ACS Presentations on Demand, featuring hundreds of recorded oral and poster sessions from the 2012 Philadelphia and San Diego national meetings. ACS has invested in improved technology and expanded offerings in response to the steady growth in usage of online access to national meeting presentations.

The new ACS Presentations on Demand features an enhanced streaming viewing platform, a searchable abstract index, and is compatible with mobile devices so you can view presentations anytime, anywhere. The presentations feature PowerPoint slides synched with audio, allowing you to jump directly to slides of particular interest.

There are more than 650 recorded oral and poster presentations now available from the August 2012 national meeting in Philadelphia, and more than 450 oral presentations from the March 2012 San Diego meeting. With ACS Presentations on Demand, you can view a talk or poster you might have missed, or experience it again. And because the technology behind Presentations on Demand allows for viewing on portable devices, you truly can take presentations from the national meeting with you!

Presentations on Demand--your source for immediate, convenient, portable, and current content from ACS national meetings.

Sincerely,

Stephen Vesce

ACS Membership Director

Go to ACS Presentations on Demand
at www.presentations.acs.org - your source
for meeting content.



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 2nd building on the right

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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 Hien Nguyen (hien.nguyen@syngenta.com).



American Chemical Society
Central North Carolina Section

13th Annual Poster Vendor Night

GREAT FOOD

DOOR PRIZES

STUDENT POSTER AWARDS \$\$\$

TRADE SHOW

NETWORKING

When: Tuesday, March 26, 2013 - 3:00p-7:00p

Where: Syngenta Crop Protection, LLC - Auditorium, Greensboro, NC

What: Industrial and Academic Posters, Vendors, Latest Products

Please contact Hien Nguyen (hien.d.nguyen@syngenta.com, 336-632-5899) or Jill Tierney (tierney_j@bellsouth.net, 336-430-8601) for more info. (Additional info available at: <http://cnc-accs.sites.acs.org>)



Call for Papers
246th ACS National Meeting & Exposition
September 8 - 12, 2013

Accurate Mass Analyses in Support of Agricultural Chemicals Research and Development

Purpose of Symposium

Advances in instrumentation have been one of the most important drivers in the way we conduct Agricultural Research and Development. Newer mass spectrometer instrumentation has provided better analyte selectivity, better sensitivity, and higher sample throughput. High resolution accurate mass (HRAM) mass instrumentation is poised to be the next major breakthrough. Instruments incorporating accurate mass and high mass resolution capabilities will significantly impact how studies are analyzed. As instrument costs have dropped these instruments are now more available to laboratories in Industry, CRO's and Academia. Laboratories are incorporating accurate mass technology into all aspects of Agricultural R&D ranging from product discovery and development, product registration, and monitoring of food and environmental samples.

Suggested Topics

Use of High resolution accurate mass (HRAM) / accurate mass instrumentation for metabolite identification
Use of role of High resolution accurate mass (HRAM) / accurate mass instrumentation for quantitative residue analyses
LC coupled accurate mass instrumentation
GC coupled accurate mass instrumentation
Use of accurate mass instrumentation multi-residue analyses
Mass spectrometry for confirmation of the identity of animal drug residues
Analytical issues associated with accurate mass instrumentation
New and novel approaches in accurate mass (e.g. data interpretation / handling, ionization source technology, ion mobility)
Food and feed screening analyses
Environmental monitoring studies
Targeted and non-targeted pesticide analyses
Use of accurate mass instrumentation for pesticide discovery

For further information, contact the organizers

Paul Reibach, Smithers Viscient, Wareham MA. 508-295-2550, preibach@smithers.com

Mansoor Saeed, Smithers Viscient, Harrogate, UK 44 (0) 8450 342 116, Msaeed@smithers.com

UNC-Greensboro Seminar Series

CHEMISTRY & BIOCHEMISTRY

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SEMINARS

Seminar Schedule

- [Upcoming](#)
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SEMINAR PROGRAM

*All Seminars are scheduled for 1 PM, Patricia A. Sullivan Science Building, 301 McIver Street, Rm 201, unless otherwise stated.

February 8, 2013:

Dr. Thomas E. Prisinzano

University of Kansas

"Salvia Divinorum: A Unique CNS Active Plant"

[Abstract](#)

February 15, 2013:

Dr. Jonathan Scheerer

College of William and Mary

February 22, 2013:

Dr. Michael Novak

Miami University

"Chemistry and Biology of Arylnitrenium Ions"

[Abstract](#)

March 1, 2013:

Keivan Etefagh

UNCG Graduate Student

"The three tiered antimicrobial effect of *Hydrastis canadensis* against methicillin resistant *Staphylococcus aureus*"

March 8, 2013:

Elizabeth Pearsall

UNCG Graduate Student

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		