

TRIAD CHEMICAL TIMES



Central North Carolina Section American Chemical Society



Upcoming Events

Thursday, May 1, 2025, Local Section Meeting

Where: Syngenta, Atlantic Ocean Auditorium

When: 6:00-7:00 Reception

7:00-8:30 Presentation

Dr. Jessica Bartfield, Associate Professor, Dept. of Surgery,
Wake Forest University School of Medicine, Winston-Salem,
NC: **The Science of Novel Weight-Loss Therapies that are Reshaping Medicine**

Highlights in this issue:

	Page
<i>May meeting info</i>	2
<i>PVN 2025</i>	3
<i>Local Section News</i>	4
<i>CNC-ACS Committee Heads/Members</i>	5

CNC-ACS Officers

Mr. Kent Kabler	Chair	kent.kabler@syngenta.com
Open	Chair Elect	
Dr. Brian Kinsella	Treasurer	brian.kinsella@syngenta.com

CNC-ACS Website: <https://cnc-accs.org/>

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





May 2025 Local Section Meeting

Date: May 1st, 2025

Time: 6:00 p.m. pre-talk reception; 7:00 p.m. presentation

Location: Syngenta, 410 S Swing Rd, Greensboro, NC 27409 – Atlantic Ocean Auditorium ([Google Maps](#))

The Science of Novel Weight-Loss Therapies that are Reshaping Medicine

Background:

In 2023 the AAAS journal Science labeled a new class of weight loss drugs (GLP-1) as the “breakthrough of the year”. A [J.P. Morgan report](#) cited in C&E News (March 2025) estimates that the global market for glucagon-like peptide 1 (GLP-1) drugs could surpass \$100 billion by 2030. By then, close to 9% of the US population could be on GLP-1 drugs, the report says. This presentation will examine the science behind these novel weight-loss therapies.

Speaker:

Dr. Jessica Bartfield, Associate Professor, Dept. of Surgery, Wake Forest University School of Medicine, Winston-Salem, NC.



Speaker Bio:

Jessica attended Loyola University Stritch School of Medicine and completed an internal medicine residency at Beth Israel Deaconess Medical Center/Harvard Medical School. She completed fellowship training in obesity medicine and clinical nutrition at the University of Alabama Birmingham. She is board certified in both internal medicine and obesity medicine. She currently serves on the faculty at Wake Forest Baptist Medical Center/ Atrium Health in North Carolina. In addition to clinical care, she is the obesity medicine fellowship director, course director for the obesity medicine elective at Wake Forest University School of Medicine and participates in clinical research focusing on anti-obesity pharmacotherapy.

Abstract:

Incretin-based therapies (GLP-1 RA) have transformed the treatment landscape for obesity and metabolic disease. This presentation explores the biochemical mechanisms underlying GLP-1 RA action, with an emphasis on how these agents enhance insulin secretion, suppress glucagon release, delay gastric emptying, and promote satiety through central and peripheral pathways. This talk aims to provide a comprehensive understanding of how GLP-1 RAs exert their therapeutic benefits and what this means for future drug development and treatment targets.

Poster Vendor Night 2025

The Central NC ACS held their 23rd Annual Poster Vendor Night in conjunction with the Joint School of Nanoscience and Nanoengineering on Wednesday, April 9th. A separate issue of the CNC-ACS newsletter was devoted to the winners of the Graduate and Undergraduate Divisions.

Thank you to all of the volunteers who made Poster Vendor Night a huge success:

PVN Committee:

Bill Eberle
Matt Morrow
Sarah Sihvonen
Molly Stacy
Kelli Stockmal

JSSN Liaison:

Dan Rabinovich

Logistics:

Andy Stacy

CNC-ACS Treasurer:

Brian Kinsella

Judges:

Damayanthi Abeyasinghe
Delas Addison
Rodney Bennett
Michael Doyle
Anne Glenn
Staphanie Jensen
Jinsong Lee
Bill Meyerhoffer
Nirmal Mitra
Manoj Prasad
Jenny Poon
Jak R, Reid
Seenivasan Subbiah
Armando Elizalde Velazquez
Zhan Wang
Cynthia Willard
Andrew J. Wommack

Local Section News:

From Carl Salter, Moravian University, Bethlehem, PA:

Could you make the following announcement as you deem appropriate for your section? For those interested in computational chemistry, both teaching and research: The MoleCVUE workshop/meeting will be at the University of Virginia this June 4-6. Contact Lisa M at lnm2a@virginia.edu for registration information. Future MoleCVUE activities: Symposium "WebMO: the First 25 Years" at the National ACS meeting in August. MARM 2026 Hershey PA BCCE 2026 Madison Wisconsin

From Tim Ballard, EN-CAS Labs:

Analytical chemistry laboratory for sale in Winston-Salem, NC. Please send all inquiries to WSLabForSale@gmail.com

From Sheeba Dawood:

Minerva Lithium LLC is seeking candidates for paid and unpaid 2025 summer internships. Minerva Lithium is a water treatment platform technology company that selectively trap valuable minerals and other harmful pathogens from water and is based in Greensboro, NC. Please contact Dr. Sheeba Dawood (sheeba.dawood@minervalithium.com) for more details.

Local Section News:



THE OFFICE OF SUSTAINABILITY & RESILIENCE PRESENTS

EARTH DAY

2025

 **GREENSBORO**
Office of Sustainability
& Resilience

April 26
1-4 pm
Keeley Park

FREE!

- Native plant giveaway
Supplies limited. Visit the OSR website on April 1 to reserve your free plant.
- Sustainable living mini-workshops*
- Guided nature walks*
- Eco Bus animal experiences
- Dozens of community organizations
- Live Green Awards Program and more!

VOLVO

 **DUKE ENERGY**

 **T. GILBERT PEARSON
AUDUBON
SOCIETY**

 **GRANYVILLE
HOME & CO.**

 **SELS**
SERVICES

Steele and Vaughn Moving and Storage

***Learn more: www.greensboro-nc.gov/OSR**

CNC-ACS Executive Committee

Chair	Kent Kabler	Kent.kabler@syngenta.com	336-632-6014
Chair Elect	Open		
Treasurer	Brian Kinsella	brian.kinsella@syngenta.com	336-632-2195
Councilor ('25)	Robert Yokley	yokleyrobert@gmail.com	336-558-8212
Alternate Councilor ('24)	Ed Robinson	Edwardrobinson.robinsoner@gmail.com	336-337-3361
Director	Bill Eberle	bill.eberle@syngenta.com	336-632-7569
Director	TJ Mayer	tjmayer@carringers.com	336-708-0643

CNC-ACS Committees

Awards	Robert Yokley	yokleyrobert@gmail.com	336-558-8212
Education	Etta Gravely	gravely@ncat.edu	285-2231
Chemistry Olympiad	Chris Fowler	cfowler@highpoint.edu	
Science Center Advisor	Jerry Walsh	jlwalsh@uncg.edu	336-334-5672
UNCG HS Lab Day	Jerry Walsh	jlwalsh@uncg.edu	336-334-5672
Earth Day	TJ Mayer	tjmayer@carringers.com	336-708-0643
Government Relations	Ed Robinson	Edwardrobinson.robinsoner@gmail.com	337-3361
Hospitality	OPEN		
Long Range Planning	OPEN		
National Chemistry Week	OPEN		
Newsletter Editor	Bill Eberle	bill.eberle@syngenta.com	336-632-7569
Poster Vendor Night	Bill Eberle	bill.eberle@syngenta.com	336-632-7569
	Sarah Sihvonen	sksihvonen@gmail.com	336-632-2369
	OPEN		
Professional Relations	OPEN		
Public Relations/Publicity	OPEN		
Science Advisor –	OPEN		
Science Advisor – Richard Burr	Liliana Garcia	llilianagarcia@live.com	
Student Members	OPEN		
Senior Chemists	Paul Weller	wellerp007@hotmail.com	
Web Page	Beth Williard	eliza-beth.williard@syngenta.com	
Women Chemist	Sheeba Dawood	sheebadawood@gmail.com	