



TRIAD CHEMICAL TIMES

Central North Carolina Section American Chemical Society

April CNC-ACS Meeting:
PVN



Poster Vendor Night @ Syngenta

April Meeting

When:

Tuesday April 3, 2012

Where:

Syngenta Crop Protection

Time:

Social - 3:00 pm - 7:00 pm

Syngenta Auditorium

Directions:

page 7

American Chemical Society
Central North Carolina Section

12th Annual Poster Vendor Night

GREAT FOOD **DOOR PRIZES**

STUDENT POSTER AWARDS \$\$\$

TRADE SHOW **NETWORKING**

Inside this issue:

CNC-ACS Meeting	1
CNC Exec. Committee	2
Meeting Info	4
Directions	7

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CNC-ACS Website <http://www.cnc-acssites.acs.org/>



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American Chemical Society
Central North Carolina Section

12th Annual Poster Vendor Night

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TRADE SHOW

NETWORKING

When: Tuesday, April 3, 2012 - 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-acc.sites.acs.org>)

Poster Information:

Title	Presenter	University/Industry
Curve Extension Technique To Increase Throughput For LC-MS/MS Applications	Lou Mayer Sung-Ben Huang	Syngenta
Analytical Method for the Determination of Emamectin-Benzothiazole in Tree Parts By LC-MS/MS	Lou Mayer Drew Wofford	Syngenta
Apply new analysis and detection technology to the study of surfactants	Dr. Cheryl Beste Dr. Ellen Wu	Syngenta
The David H Murdock Research Institute	Kevin Knagge	DH Murdock Research Institute
Peptaibols and other metabolites from unidentified fungus MSX 47401	Mario Figueroa	UNCG
Biomimetic synthesis of Flavonolignans via Ortho-quinone Diels-Alder reaction	Hanan Althagafy	UNCG
Cannabinoid receptor interacting protein 1A (CRIP1A) modulates striatal neuropharmacology and signal transduction in cannabinoid, dopamine	Lawrence C. Blume	Wake Forest Baptist Health
Two Benzoquinones and One Terphenyl Compound from an Unidentified Fungus (MSX 47445)	Tamam M. El-Elimat	UNCG
Chemical Epigenetics Induce Additional Secondary Metabolites in a Filamentous Fungus	Karen VanderMolen	UNCG

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James F. Brady, Ph.D. LLC

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Poster Information:

Title	Presenter	University/Industry
Novel N-functionalised bis(diarylphosphino)amine (PNP) ligands	Symone Alexander	UNCG
Extraction, Isolation and Characterization of <i>Veratrum Californicum</i> from Indigenous Idaho Plants	Rynne Ambrose	Salem College
Synthesis of Cationic Zinc Olefin Complexes	Eric Barnett	Guilford College
Analysis of binding between estrogenic compounds and humic substances using STDD-NMR with water suppression	Mary Bedard	Elon
Rational design of cysteinyl peptides as chelators of mercury(II)	Matthew Bronson	WSSU
Separation and Quantification of 5 Sunscreen Components Using HPLC Analysis	Alan Burgess & Lori Fraley	Catawba College
Synthesis, characterization and electrochemistry of possible CO ₂ reduction catalysts of the form [M(bpca) ₂] ⁽ⁿ⁻²⁾⁺	Russell Davidson	Elon
Oxidative Stress in Hippocampus Following Chronic Drug Intake	Bethany Eaton	Salem College
Ortho selective C-H functionalization/halogenation of anilides	Stephen Frempong	UNCG
Improving the Ru-Catalyzed Metathesis of 1,3 Disubstituted Allenes	Kelly Giffear	Elon
Displacement of Hg (II) from Hg(II)-Human Serum Albumin Complexes by Glutathione and DicysteinyI Peptide Ligand	Carmen Grady	WSSU
Cytochrome P450E1 Inhibition by Essential Oils	Mohammad Khan	UNCG
Specific Detection of Glioblastoma miRNA Biomarkers by Using a Novel Capture Template-dependent Extension (CTE) Method	Soo-Yeon Kim	UNCG

Poster Information Continued:

Title	Presenter	University/Industry
Petrochemicals Analysis Using Gas Chromatography and Multivariate Regression Analysis	Breanna S. Mitchell	WSSU
Remediation of Chromium, Copper and Nickel Using SDS and Poly SUS Molecular Micelle Modified Kaolin	Casey Myers	WSSU
Modification of transition metal-catalyzed reactions by the addition of DMSO: Selective synthesis of cyclooctatetraenes	Daniel Nasrallah	UNCG
Use of Human Scalp Hair for Biomonitoring of Essential and Toxic Elements in Forsyth County, North Carolina	Sri Lanka Owen	WSSU
Regioselective Formation of 1, 5-Substituted Sulfonyl Triazoles using Acetylides and Sulfonyl-Azides	Mudita Patel	UNCG
The Effect of Water Molecules on HIV Antibody-Peptide Binding	Aardra Rajendran	Guilford College
Optically Active Phosphines	Ayana Smith	UNCG
Quantitative electrochemiluminescent quenching of [Ru(bpy) ₃] ²⁺ and luminol by explosive substances in aqueous solution	Cecilia Smith	Elon
Involvement of 5-lipoxygenase (LO) and estrogen in the production of 15-HETE	Garrett Tanner	Guilford College
Use of Molecular Micelles Modified Kaolin for Lead and Cadmium Remediation	Ashley M. Taylor	WSSU
Spectroscopic Investigation of the Binding Mechanism of Arsenic on Human Serum Albumin	Austria Taylor	WSSU
Studies and Synthesis Towards Stannane Building Blocks of Cytisine Derivatives	Carolyn Thomas	UNCG
Isolation of Bioactive Constituents from Acai Berries (<i>Euterpe oleracea</i>)	Robin Tate Uhl	UNCG
Suzuki Cross Coupling Reaction with Alternative Catalyst	Chenkang Zheng	Guilford College

Meeting Directions: Syngenta Crop Protection, Greensboro



Directions to the PVN meeting - Syngenta

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.

UPCOMING EVENTS

Event	Date	Location	Comment
April Meeting	April 3	Syngenta	Poster Vendor Night
May Meeting	May 17	NCATSU	Dr. Daniel Vallero: Ethics in the Practice of Science
June Meeting	June 21	Bur-Mil Park	Summer Picnic