

# Triad Chemical Times

November, 2009

Volume 41, Number 7



November Event Announced - see page 3!

## November Section Meeting:

"The Risks and Benefits of Chemicals in  
Modern Society"

Dr. Richard Honeycutt

Wednesday, 04 November 2009  
(7:15 pm)

WSSU

### CNC-ACS 2009 Officers

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Younger Chemists Chair (9)	<b>OPEN</b>		

Number in ( ) following committee indicates the month that committee reports



**DEADLINE FOR NEXT NEWSLETTER**

Please submit materials for the **next** newsletter no later than the **10<sup>th</sup> of the prior month**. Electronic submissions are preferred, but hardcopy submissions are also accepted. Submit via email (attach a MS-Word file if possible) or on a diskette or CD. Committee reports presented at a meeting can be given to the editor for publication in the newsletter. The newsletter editor reserves the right to modify submissions, but will make every attempt to avoid changing the pertinent information.

**SEND MATERIALS TO:** Thomas J. Mayer, PO BOX 18300, Greensboro, NC 27419  
**or** [thomas.mayer@syngenta.com](mailto:thomas.mayer@syngenta.com)



### **The Risks and Benefits of Chemicals in Modern Society**

#### **Abstract**

This presentation examines the phenomenon known as "chemiphobia" in our modern society. Chemicals and chemical effects on the environment are highly visible in our society through the media. Each day, headlines are made by environmental issues related to chemicals. However, modern civilization is highly dependent on chemicals and chemical technology -- from the food we eat to the cars we drive to the medicines that prolong the average life span of Americans. Several benefits of chemicals are listed. As well, chemicals in modern society present finite risks. These risks are defined in quantitative terms and related to risks encountered in everyday living. Using this approach, it can be seen that chemicals present risks within the realm that we casually take for granted. This presentation helps one to rationalize risk and come to the realization that chemical risk is an integral part of the benefits we derive from the constant human desire for leisure and pleasure. In this context, most chemical risks are acceptable. Further, the unacceptable chemical risks must be eliminated from society to add to increase public safety.

#### **Biographical Sketch**

Richard Honeycutt attended Anderson College, (Anderson, IN) and received an A.B. degree in chemistry in 1967. Dr. Honeycutt was an NIH predoctoral fellow from 1968 to 1971 and received his Ph.D. in biochemistry from Purdue University in 1971. He served as a postdoctoral fellow at the Smithsonian Institute's Radiation Biology laboratory from 1971 to 1973. From 1973 to 1976, Dr. Honeycutt was employed by Rohm and Haas Company (Philadelphia, PA) as a senior chemist in pesticide research and development. In 1976, he moved came to CIBA-GEIGY corporation (Greensboro, NC) as a senior metabolism chemist and performed research in pesticide metabolism until 1980. In 1980, he joined The Environmental Investigations Group at CIBA-GEIGY and currently performs pesticide environmental research in areas such as groundwater exposure assessment, worker exposure assessment, environmental fate of pesticides, pesticide ecotoxicology, and risk assessment for fish and wildlife. Dr. Honeycutt received the ACS Agrochemical Fellow Award in 1985. He is a member of the Society of Environmental Toxicology and Chemistry, IUPAC, and the Pesticide Committee of the International Commission of Occupational Health. He has published widely in several areas of plant biochemistry and pesticide chemistry and has helped to edit six books in the area of pesticide chemistry.

Date: November 4, 2009, Wednesday - 6:45 social - 7:15 presentation

Place: WB Atkinson, Room 210, WSSU, WS, NC (see p. 6 for directions)

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## Upcoming Central NC Section Events

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<b>Wednesday</b> <b>4 November, 2009</b> <b>WSSU</b>	<b>Dr. Richard C. Honeycutt</b> <i>“Chemiphobia”</i> <i>(6:45 social, 7:15 presentation)</i>
<b>Thursday</b> <b>3 December, 2009</b> <b>Christmas Banquet</b>	<b>CNC-ACS</b> <b>Christmas Banquet</b> <i>(7:00 pm Hawthorne Inn)</i>



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**CHILDCARE will be AVAILABLE upon prior notice**

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**If childcare is needed in order for you to attend our events. Please access our website and click on the childcare icon and select the event you wish to attend. Please update the form if you cannot make the event so we have ample time to cancel our commitment.**

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## CNC - Local Interests

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### **WINS (Wake Innovative Noyce Scholars)**

Individuals with an undergraduate degree in science or math interested in teaching at the high school level are encouraged to learn more about **WINS (Wake Innovative Noyce Scholars)**. Funded by the National Science Foundation (#09-513), **WINS** is a science and mathematics graduate teacher education program and a part of the Master Teacher Fellows (MTF) program at **Wake Forest University** in Winston-Salem, NC.

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\* Pictured above are actual working Lab Support scientists. LS706A-01004-NP000K-0109

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## Directions

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### Directions to WSSU

From Winston-Salem:

I40Bus East

Exit at MLK Jr Blvd (keep left at split)

Left on MLK Jr

Right on Cromartie

WBA is on Right

From Greensboro:

I40 West

Exit I40Bus West

Exit at 1<sup>st</sup> Street

Left on 1<sup>st</sup> Street

Left on MLK Jr

Right on Cromartie

WBA is on Right

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## AMERICAN CHEMICAL SOCIETY

CENTRAL NORTH CAROLINA SECTION

2401 Doyle Street Greensboro, NC 27406-2911



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