

The

# TarHelium



A Publication of the North Carolina Section of the American Chemical Society

Vol. 16, No. 1

September, 1985

Event: Fourth Annual "Pig-Picking"

Date: Saturday, September 14

Place: Gross Chemical Laboratory  
Duke University

Time: 5:00 p.m. - 8:00 p.m.

Cost: \$8.00 for Regular Members  
\$4.00 for Student Members  
\$4.00 for Children under 12

For reservations, please call Jeannie Nelghorn by Wednesday, Sept. 11, at 248-4320 or Eric Bigham at 248-4338. For more information, please see page 2.

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Other topics covered in this issue include Future Meetings, Call for Papers for 1986 EPA Symposium, Nominations of Local Section Officers, Editor's Comments, and Chemistry Olympiad 1985.

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AMERICAN CHEMICAL SOCIETY  
NORTH CAROLINA SECTION

ANNOUNCES

A SPECIAL EVENT FOR THE OPENING OF THE 1985-86  
ACADEMIC YEAR ON  
SATURDAY, SEPTEMBER 14  
5:00 - 8:00 PM

This first "meeting" will be primarily social, providing an opportunity for old and new members to meet each other. It will be held on the lawn beside the Gross Chemical Laboratory of Duke University or on the porches if it rains. Provisions for playing volleyball will be provided. Individuals interested in joining the ACS are welcome to attend this initial meeting. Information about membership and services which are provided by the ACS will be on display.

There will be a brief business meeting during which the Nominations Committee will present a slate of candidates for the Section's fall elections. Nominations also will be accepted from the floor.

Dinner will include--In addition to the pig--fried chicken, cole slaw, potatoes, Brunswick stew and corn sticks. The cost for the meal, including drinks, will be \$8.00 per person. Children under 12 will be charged \$4.00 each (students also will be charged only \$4.00).

Please call in your intent to attend by Wednesday September 11, to Jeannie Nelghorn at 248-4320 or Eric Bigham at 248-4338.

FUTURE MEETINGS PLANNED

Date: October 15, 1985  
Speaker: Dr. George Bodner, Purdue University, on  
"Idle Musings on What the History of Science  
Tells Us About the Philosophy of Science."  
Place: NC State University, Raleigh

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Date: November 13, 1985  
Presentation: Halley's Comet  
Place: Morehead Planetarium, UNC-Chapel Hill

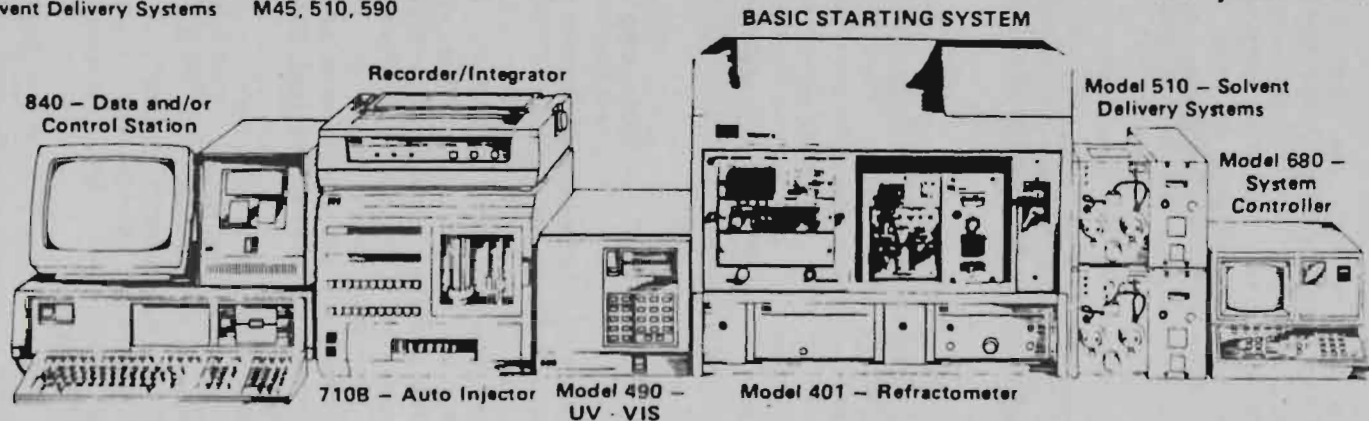
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Date: December, 1985  
Speaker: NC Distinguished Chemist Lecture

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## EDITOR'S COMMENTS

As you may have noticed, the first issue of the TarHellum for 1985/86 has changes in the front and back covers and also in its color. Changes will be forthcoming also in the contents of the newsletter, including more articles about various institutions and organizations and also individuals within the NC Section. Advertising will also be increased. These changes are being made to better serve you, the members of the Section.

Articles prepared by the membership are welcome. If you would like to submit an article describing the work performed or services provided by your company or department, please contact the Editor at 541-6883 or Editorial Assistant at 541-7008.

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Mailing the TarHellum by first class has resulted in essentially all members of the Section receiving their TarHellum in a timely fashion. The added cost will be partially offset by reducing printing costs and increasing advertising. A small local section dues will be proposed in the near future to cover the remainder of these costs and will also support other worthwhile section programs.

## TOXIC AIR POLLUTANTS

The next annual national Symposium on Measurement of Toxic Air Pollutants will be held April 27-30, 1986, in Raleigh, North Carolina. Co-sponsors are the U.S. Environmental Protection Agency/Environmental Monitoring Systems Laboratory and the Air Pollution Control Association. The technical program will emphasize emerging technology in the measurement of toxic air pollutants. Topic categories include the following: Acid Deposition, Hazardous Waste Emissions, Indoor Air Pollution, Source Measurements, Ambient Measurements, Quality Assurance, Exposure Assessment, Complex Chemical Data Analysis, and Wood Stove Emissions.

Persons interested in presenting a paper should send a two hundred word abstract by November 30, 1985, to either of the Technical Program Co-chairmen: Dr. R. K. M. Jayanty, Research Triangle Institute, Research Triangle Park, NC 27709, (919) 541-6483 or Seymour Hochheiser, Environmental Monitoring Systems Laboratory, U.S. EPA, Research Triangle Park, NC 27711, (919) 541-2106.

Completed manuscripts of accepted papers must be ready by March 31, 1986.

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NOMINATIONS  
FOR LOCAL SECTION OFFICERS TO BE PRESENTED

At the September meeting, the Nominations Committee will present a slate of candidates for the fall elections. Offices to be filled are Chairman Elect, Secretary, Councilor, and Alternate Councilor. Nominations will be accepted from the floor at the September meeting. However, anyone making a nomination from the floor should clear that nomination with the candidate and also should have a short biography available at the meeting for publication in the TarHellum.

CHEMISTRY OLYMPIAD 1985

In our section's first year of participation in the High School Chemistry Olympiad, 39 students participated from 8 schools. The first phase of the two year old competition was an exam given at NCSSM on March 16th. From the results of this test our eight finalists and five alternates were chosen. The finalists competed in the second phase of the Olympiad on April 27th. Over 500 students from 90 sections all over the United States competed in the second phase. Although none of our students became part of the national team, they did very well in the competition. Below is a list of our finalists, their awards, and the alternate list. Many thanks to those teachers who encouraged their students to participate.

<u>Student</u>	<u>School</u>	<u>Teacher</u>	<u>Award</u>
<u>Finalists</u>			
Andrew Clark	Dudley High School	Mrs. Viele	Hon. Mention
Ken Corts	Monroe High School	Mrs. B. Sites	Hon. Mention
Susan Kuharcik	John T. Hoggard HS	Mrs. L. Sayed	Hon. Mention
Arturo Morosoff	Jordan High School	Mrs. Mishler	Hon. Mention
Jeff Babb	NCSSM & Brevard HS	Dr. R. Zweidinger	Hon. Mention
Ken Klimkowski	NCSSM & Ashbrook HS	Dr. R. Owens	Honors
Heath Hart	NCSSM & Charlotte Latin	Dr. R. Zweidinger	Honors
Jed Roach	NCSSM & EE Smith HS	Ms. C. Morse	Honors
<u>Alternates</u>			
Zach Coleman	NCSSM & Myers Park HS	Ms. C. Morse	
Frank Galliou	E. Wake High School	Mrs. Ritchie	
Gail Hollowell	Hillside High School	Mrs. C. Harris	
Sharon Rohrbach	Athens Drive High School	Mr. Toma	
Doug Shackelford	NCSSM & Paisley HS	Dr. R. Owens	



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William Gutknecht, Editor  
Carolyn Bilbro, Editorial Assistant  
Sharon Lott, Typist

Please direct correspondence to the attention of the editor:

William Gutknecht  
Environmental Chemistry Dept.  
Research Triangle Institute  
PO Box 12194  
Research Triangle Park, NC 27709

Executive Committee:

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DR ROBERT GEORGE GHIRARDELLI  
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