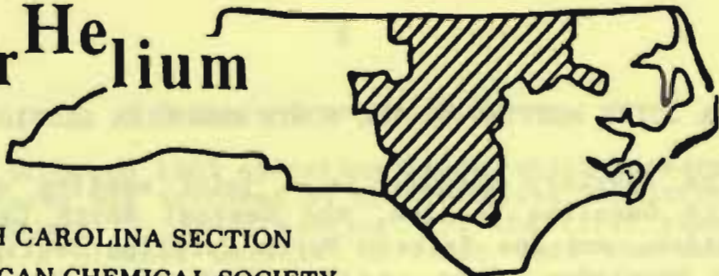


Tar Helium



NORTH CAROLINA SECTION
AMERICAN CHEMICAL SOCIETY

Vol. 15, No. 5

February, 1985

THE NORTH CAROLINA SECTION,
THE CENTRAL NORTH CAROLINA SECTION, AND
THE EASTERN NORTH CAROLINA SECTION
PRESENT

A JOINT MEETING

Date: Tuesday, February 19, 1985

Speaker: Dr. James A. Ibers
Department of Chemistry
Northwestern University

Topic: SOME CHEMISTRY IN THE SOLID STATE

Social: 5:45 pm in the Cafeteria
Burroughs-Wellcome
Research Triangle Park*

Dinner: 6:45 pm also in the Cafeteria
Burroughs-Wellcome
(\$10 for members; \$5 for students)

Lecture: 8:00 pm in the Auditorium
Burroughs-Wellcome

For reservations, please call one of the following
by Friday, February 15: In Durham, Sue Dickerson at
684-2414; in Chapel Hill, Debbie Edwards at 962-2172;
and in Raleigh, Joyce Dunn at 737-2545.

*Social hour is sponsored by Fisher Scientific Co.

A JOINT MEETING OF THE NORTH CAROLINA SECTIONS

The February meeting is a joint meeting of the North Carolina Section, the Central North Carolina Section, and the Eastern North Carolina Section. To our knowledge, this is the first time that these three sections will have met. This special event will take place at Burroughs-Wellcome Company, Research Triangle Park, North Carolina, and will feature Dr. James Ibers, of Northwestern University, as the speaker. Come join us for a social hour which will be sponsored by the Fisher Scientific Company and take advantage of this unique opportunity to visit with our colleagues from our neighboring North Carolina Sections.

"Some Chemistry in the Solid State"

Abstract

Solid state syntheses and characterization involve techniques, strategies, and luck somewhat different from the more usual syntheses of inorganic and organic compounds. Dr. Ibers will concentrate on the synthesis and characterization of some ternary chalcogenides (S, Se) of transition metals and will discuss not only the structures and properties of these totally new materials but also some aspects of the philosophy behind such research.

JAMES A. IBERS was born June, 1930, in Los Angeles, California. He received his B.S. and Ph.D. degrees in chemistry from California Institute of Technology. Dr. Ibers is currently Professor of Chemistry at Northwestern University. His research interests include coordination, organometallic and bioinorganic chemistry. He has over 350 publications to his credit in the fields of inorganic chemistry, coordination chemistry, hydrogen bonding, crystallography, and organometallic chemistry. He was awarded the American Chemical Society Award in Inorganic Chemistry in 1979.

A Message from the Chairman

The proposed 1985 operating budget which appears in this issue was approved by the Executive Committee at its January 17, 1985, meeting. For the first time in memory a planned deficit is built into the annual budget. While the Section has assets to cover this deficit, it obviously is not fiscally sound to continue to run a deficit in the future. There are certain expenses such as the planning retreat, which will not be a recurring expense. Other expenditures, such as awards and meeting expenses, can be cut in the future if necessary. The largest expense in the budget, however, is the cost of publishing the TarHelium. The costs of printing and postage continue to exceed our estimates year after year. Also as noted elsewhere in this issue, we now are mailing the TarHelium first class to alleviate a serious distribution problem. The change will result in a much greater annual postage cost. This increase is included in the 1985 budget. While it is necessary for a section claiming over 1300 members to communicate efficiently, an expenditure amounting to 41 percent of annual income and 35 percent of annual expenses to accomplish this is large. At the same time, it is not desirable to curtail worthy programs to pay for this communication. It is necessary, then, to finance the publication of the TarHelium in a more fiscally prudent manner. This can be accomplished if the Section institutes an annual local section dues, with the proceeds used to finance the TarHelium. According to Section 1 of Bylaw X of the North Carolina Section Bylaws, we can institute local section dues if they are set by the Executive Committee and approved by the Section members by mail ballot. Because of time constraints built into the required process, the earliest which we can implement local section dues is 1987. Accordingly, it is the intention of the Executive Committee to include as part of the fall mail ballot election of the Section officers the question of instituting local section dues of \$3 to support publication of the TarHelium. We feel that this will stabilize the financing of our newsletter. We welcome your sentiments, thoughts, and suggestions on this matter. Please submit them to our Editor, William Gutknecht, whose address appears on the back of this issue of the TarHelium.

MEETING-IN-MINIATURE - FIRST CALL FOR PAPERS

The annual Meeting-in-Miniature is tentatively scheduled for Saturday, April 20, on the campus of NC State University. The meeting will start at approximately 8:30 am and will end at noon with a luncheon and presentation of awards. An application for presentation of a paper is included below. The deadline for receiving titles is Friday, March 8, 1985.

Contributions are encouraged from both academic and non-academic laboratories. Participation by government and industrial laboratories has increased over the last several years and the Executive Committee hopes that participation by non-academic labs will be even greater this year.

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APPLICATION

Meeting-in-Miniature
Saturday Morning, April 20, 1985
NCSU, Raleigh, NC

Author(s): _____

Position(s): _____

Presented by: _____

Institution: _____

Title of Paper: _____

Session: _____	Analytical	_____	Inorganic
_____	Biochemical	_____	Organic
_____	Chemical Education	_____	Physical
_____	Polymer	_____	Other

Regular Session Only: _____ *Poster Session Only: _____

*Either Regular Session or Poster Session: _____

Type of Projector Needed (if any): _____

Application Deadline: Friday, March 8, 1985

Mail Application To: Dr. Eric Bigham
Burroughs Wellcome Co.
3030 Cornwallis Rd.
RTP, NC 27709

*If enough interest, poster session to be added.

TARHELIUM TO BE MAILED FIRST CLASS

Over the past several years every possible strategy has been tried to get the TarHelium to Section members on time. The TarHelium has been consistently printed and mailed as early as possible. Attempts have been made to track down the routing taken by third class mail from the various local post offices and to encourage rapid delivery from these post offices. Some months these efforts are successful and other times they are not. It is certainly disgruntling for Section members to receive a meeting announcement after a meeting date or the deadline for making a reservation to a meeting has passed, and it is very discouraging to those who work hard to organize a meeting to have this occur. The use of second class mailing was looked into, but was found to have about the same delivery schedule as third class mail. In light of this longstanding problem, the Executive Committee, at its January 17, 1985, meeting, directed the Editor to mail the TarHelium by first class mail, beginning with this issue. First class mailing should eliminate the problem of distributing the TarHelium on time. The effect will be to improve the communication and the functioning of the Section. We welcome your opinions of the new mailing procedure. Send your response to Dr. William Gutknecht, Editor, Research Triangle Institute, P.O. Box 12194, Research Triangle Park, NC 27709-2194.

MARCH MEETING

Speaker: North Carolina Distinguished Chemist
Lecture Series (Speaker to be announced)
Place: UNC-Chapel Hill
Date: March 19, 1985
Time: 8:00 pm, 207 Venable Laboratories

COUNCILOR CHANGES

Dr. William Switzer, NCSU, has been selected by the Executive Committee to replace Dr. Ernest Eliel, UNC-Chapel Hill, as Councilor for 1985. Dr. Eliel resigned from his position as Councilor after being elected to the Board of Directors of the National ACS. The Councilor position will be filled again through normal election procedures in the fall of this year.

North Carolina Section, American Chemical Society
Proposed Operating Budget for 1985

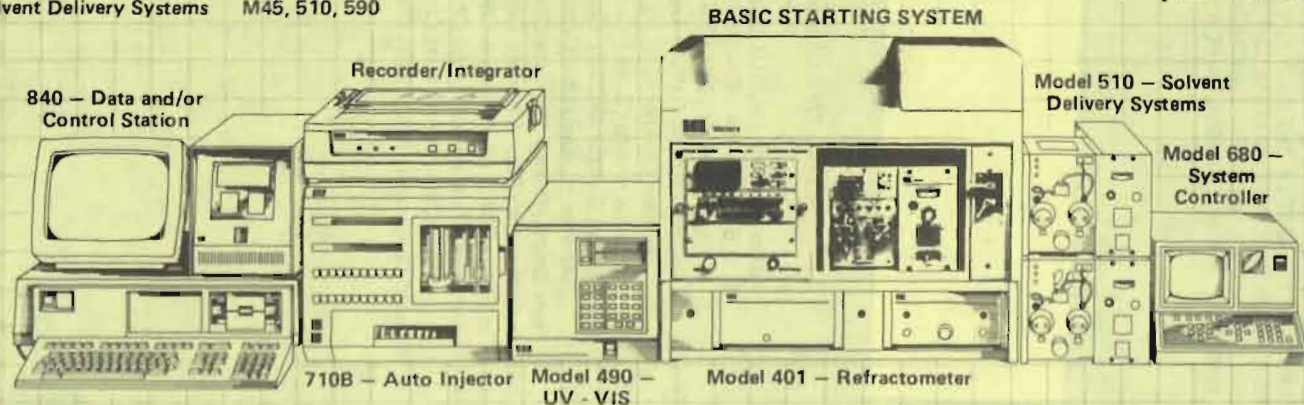
Income	1984	1984	1985
	Proposed	Actual	Proposed
ACS Allotment	5631.00	5631.00	5782.00
New Members	100.00	112.50	100.00
Savings Interest	1320.00	1525.14	2700.00
Short Courses	2600.00	4050.00	3400.00
Tarhelium Advertisements	1200.00	352.00	1200.00
Other	500.00	284.90	400.00
SERM Payment	1000.00	1000.00	0.00
Total Income	12351.00	12955.54	13582.00
Expenses			
Scholarship Reserve Fund Awards	425.00	517.00	400.00
Centennial Scholarship	1500.00	1500.00	1500.00
High School Chemistry Awards Committee	600.00	400.00	1000.00
	250.00	0.00	0.00
Total Awards	2350.00	1900.00	2500.00
Committee Expenses			
High School Chemistry	0.00	0.00	300.00
Safety Committee	0.00	0.00	150.00
Contingency			150.00
Total Committee Expenses	0.00	0.00	600.00
Donations			
Polymer Group	100.00	100.00	100.00
N.C. Academy of Sciences	100.00	100.00	100.00
Total Donations	200.00	200.00	200.00
Short Courses			
Honoraria	1000.00	1000.00	1000.00
Contingency	0.00	0.00	250.00
Incidental Expenses	100.00	151.99	150.00
Total Short Courses	1100.00	1151.99	1400.00
Meetings			
Honoraria	300.00	200.00	300.00
Travel and Expenses	1100.00	568.18	1300.00
Social Hours and Meals	900.00	1415.14	1000.00
Miscellaneous	600.00	1130.87	200.00
Meeting-in-Minature	400.00	578.50	550.00
Planning Retreat			750.00
Total Meetings	3300.00	3892.69	4100.00
Tarhelium			
Printing and Postage	3600.00	4294.58	
Printing			3540.00
Postage			2050.00
Total Tarhelium	3600.00	4294.58	5590.00
Administrative			
Travel	1200.00	752.53	1200.00
Miscellaneous	176.00	164.58	100.00
Total Miscellaneous	1376.00	917.11	1300.00
Total Expenses	12351.00	12873.37	16090.00
Income - Expenses	0.00	82.17	-2508.00

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