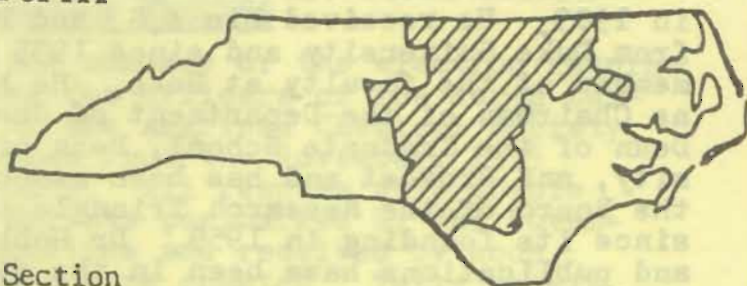


Tar Helium



North Carolina Section
AMERICAN CHEMICAL SOCIETY

Vol. 6, No. 5 Raleigh, N.C. January, 1976

"THE DEVELOPMENT OF CHEMISTRY IN THE RESEARCH TRIANGLE AREA"

- Date: Tuesday, January 20, 1976
- Place: Chapel Hill, North Carolina
- Time: 5:30 Happy Hour
 Faculty Conference Room K
 Kenan
- 6:30 Dinner (from the menu, \$3-\$5)
 Rathskeller
 157 A East Franklin St.
- 8:00 Lecture
 UNC-CH, Room 207 Venable

Marcus Hobbs was born in Chadborn, N. C. in 1909. He received his A.B. and Ph.D. (1936) from Duke University and since 1935 has been a member of the faculty at Duke. He has served as Chairman of the Department of Chemistry, Dean of the Graduate School, Dean of the University, and Provost and has been associated with the Board of the Research Triangle Institute since its founding in 1959. Dr Hobb's research and publications have been in the fields of dielectrics, micelles, infrared and nuclear magnetic resonance. Presently he serves as one of the Councilors of the North Carolina Section of the American Chemical Society.

"THE DEVELOPMENT OF CHEMISTRY IN THE TRIANGLE AREA"

The early history of Chemistry in the Triangle Area can best be understood in light of developments in the field of Chemistry up to the late 1880's. A summary review of such developments will be followed by a more detailed account for the Triangle Area of three periods: from 1880 through World War I; from post-World War I through World War II; and from post-World War II to the present. The history of these periods is closely associated with a number of individuals, institutions, and organizations. The contributions and accomplishments of several of these will be considered in moderate detail. The growth and some signal events in the life of the N. C. Section of the ACS from its founding in 1896 to the present will be reviewed briefly.

NEXT EXECUTIVE MEETING JANUARY 20

The next executive committee meeting will be held in B528 Kenan (Chapel Hill) at 4:00 pm on January 20, 1976. All members of the executive committee and new committee chairs are urged to attend.

ELECTION RESULTS

Below is the summary of the election returns in the balloting for officers of the North Carolina Section of the American Chemical Society. Ballots were those from the November, 1975 issue of TARHELIUM. All results were double checked. All ballots postmarked by the November 21, 1975 deadline and received by noon, November 26, 1975 were counted. Tally sheets and ballots are available for inspection by authorized parties.

Total ballots cast:	69
For Chairman-Elect:	
Suzanne T. Purrington	64
(no vote)	5
For Secretary-Treasurer:	
Howard G. Clark	38
Charles H. Lochmuller	29
(no vote)	2
For Councilor (Three-Year Term):	
Maurice Bursey	42
William P. Utermohlen	26
(no vote)	1
For Alternate Councilor (Three-Year Term):	
Richard Gilbert	28
Sally M. Horner	40
(no vote)	1
For Councilor (One-Year Term):	
Robert Ghirardelli	30
Marcus Hobbs	38
(no vote)	1
For Alternate Councilor (One-Year Term):	
Keith Lawson	62
Halbert Carmichael (write in)	2
(no vote)	5

Because they have received the larger number of votes in their respective categories, the following candidates are declared the winners:

Purrington, Clark, Bursey, Horner, Hobbs, Lawson.

BIOCHEMISTRY for ORGANIC CHEMISTS

The North Carolina Section of the American Chemical Society is pleased to sponsor a non-credit short course in Biochemistry for Organic Chemists for all interested scientists in the Research Triangle area.

DATES: Wednesdays, February 18 to April 14, 1976 (except April 7)
TIME: 5:15 to 6:15 p.m.
LOCATION: Auditorium, Burroughs Wellcome Company
3030 Cornwallis Road, Research Triangle Park, N.C. 27709
PREREQUISITE: A bachelor's degree in chemistry
INSTRUCTORS: Dr. Irwin Fridovich, Professor of Biochemistry
Duke University Medical Center, Durham, N.C.
Dr. K.V. Rajagopalan, Professor of Biochemistry
Duke University Medical Center, Durham, N.C.

Irwin Fridovich has been at Duke since 1952, first as a graduate student in biochemistry, then as a post-doctoral fellow and finally as a faculty member. He has specialized in enzymology, with his most recent research concentrating on the biological production and scavenging of free radicals of oxygen.

K.V. Rajagopalan came to Duke in 1959 from Madras, India as a post-doctoral fellow and became a faculty member in 1966. His general area of interest is enzymology, with particular emphasis on the role of metals in the catalytic functions of metalloenzymes.

Their research has led to 200 publications.

COURSE DESCRIPTION: The topics covered will include structure and functioning of proteins, catalytic properties of enzymes, biological production and utilization of energy, photosynthesis, reproduction and nutrition.
TEXT: A.L. Lehninger, Biochemistry, Second Edition, Worth Publishers, New York, New York, 1975. Recommended but not required.
FEE: \$25.00 for members of the American Chemical Society
\$30.00 for non-members of the American Chemical Society

Enclosed is a check (payable to the North Carolina Section, American Chemical Society), as registration fee for Biochemistry for Organic Chemists. Deadline for registration is February 10, 1976.

_____ \$25.00. I am an ACS member.
_____ \$30.00. I am not an ACS member.

NAME _____ HIGHEST DEGREE _____
BUSINESS ADDRESS _____
TELEPHONE _____

SEND TO: Dr. Howard G. Clark, Secretary-Treasurer
North Carolina Section, ACS
Department of Biomedical Engineering
Duke University, Durham, N.C. 27706

BYLAW CHANGES

Several bylaw changes were approved by the Executive Committee of the North Carolina Section of the American Chemical Society at its meeting December 10, 1975 at the NCSU faculty club. These changes were made in order to bring our bylaws in accordance with similar bylaws and policies at the national level. Below are statements of these bylaws as revised. At the February meeting these changes will be presented for the approval of the section members at large.

BYLAW IV

Section 1 - The membership of the Section shall be composed of those MEMBERS, ASSOCIATE MEMBERS and national affiliates of the Society residing within the territory of the Section, provided that exceptions to this rule shall be made in conformity with the Constitution and Bylaws of the Society.

Section 3 - MEMBERS, ASSOCIATE MEMBERS, national affiliates and affiliates shall have such rights and privileges as are accorded them by the Constitution and Bylaws of the Society. Affiliates shall be entitled to all the privileges of membership in the Section, save those of voting for or holding an elective position, voting on articles of incorporation and bylaws for the Section or serving as a member of the Executive Committee. ASSOCIATE MEMBERS may not hold an elective position.

BYLAW V

Section 3 - The Executive Committee shall consist of the officers of the Section, the three immediate past Chairmen, the councilors, the alternate councilors and the editor of the local section publication.

BYLAW VI

Section 6 - Voting shall be by mail ballot. The ballots shall be mailed by the Secretary, or

other designated person, at least three weeks prior to the November meeting. The order of the names of the candidates shall be determined by lot. The Secretary, or other designated officer of the Section, shall deliver, unopened, to the Tellers all ballots received by the deadline of the November meeting.

The Tellers shall count the ballots thus received, using the list of members provided by the Secretary to verify eligibility of all those voting. Any ballot envelope not so validated shall be rejected.

In the event of a tie vote for any office resolution shall be by vote of the members of the Executive Committee.

Results of elections shall be announced at the November meeting. The Secretary shall certify them to the Executive Secretary of the Society by December 1.

BYLAW X

Section 1 - All members and assigned National Affiliates of the Section may be assessed such annual local section dues as may be set by the Section, using the same procedure as for an amendment.

FEBRUARY MEETING IS AT DUKE

Dr. John Harrison of UNC-CH will speak on "Identification of Essential Amino Acids in the Active Centers of Malate Dehydrogenase" on Thursday February 26 at Duke for the next meeting of the local section.

SHORT COURSES AT UNC-CH IN MARCH

UNC-CH will have a series of short courses in chemistry on March 19 and 20. More details will appear in the next Tarhelium.

EVENING COURSE AT NCSU IN SPRING

Dr. Forest Getzen will teach an evening course in SURFACE PHENOMENA (CH 535) at NCSU during Spring 1976 semester. Contact Dr. Getzen for more details.

EXECUTIVE COMMITTEE

Monica R. Nees (NC/STRC), Chair
Suzanne T. Purrington (Peace), Ch.-Elect
Howard G. Clark (Duke), Sec.-Treas.
Marcus Hobbs (Duke), Councilor
Maurice M. Bursey (UNC), Councilor
Ernest L. Eliel (UNC), Councilor
Keith Lawson (Monsanto), Alt. Councilor
Sally M. Horner (Meredith), Alt. Councilor
Maurice M. Bursey (UNC), Past Chairman
Richard J. Thompson (EPA), Alt. Councilor
and Past Chairman
Halbert Carmichael (NCSU), Past Chairman

COMMITTEE CHAIRMEN

Awards- Forrest Getzen (NCSU)
Education- Maurice M. Bursey (UNC)
Hospitality- William Gutknecht (Duke)
Membership- Joan Bursey (RTI)
Program- Suzanne T. Purrington (Peace)
Publications- Halbert Carmichael (NCSU)
Safety- Richard J. Thompson (EPA)

TARHELIUM is published by the North Carolina Section of the American Chemical Society. The views expressed herein are not necessarily those of the Section. Direct all correspondence to Dr. Eric Wiechert, Editor, c/o Chemistry Department, Meredith College, Raleigh, N.C. 27611

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