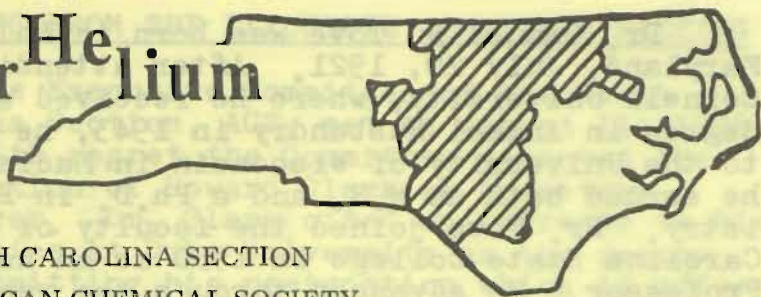


Tar Helium



NORTH CAROLINA SECTION
AMERICAN CHEMICAL SOCIETY

Vol. 7, No. 1 Raleigh, N.C. September, 1976

"BIOHYDROGENATION OF UNSATURATED FATTY ACIDS"

Speaker: Dr. Samuel B. Tove
North Carolina State University

Date: Wednesday, September 22, 1976

Place: Burroughs Welcome Co.
Research Triangle Park, N.C.

Time: 5:30 Happy Hour
 6:30 Dinner
 8:00 Lecture

The Happy Hour and Dinner are compliments of Burroughs Welcome. In order to assure that adequate arrangements may be made, please make a reservation with Kathy Walker at 549-8371 ext. 559 on September 16, 17, or 20.

Dr. Samuel B. Tove was born in Baltimore, Maryland, July 29, 1921. After attending Cornell University, where he received a B.S. degree in Animal Husbandry in 1943, he journeyed to the University of Wisconsin in Madison where he earned both an M.S. and a Ph.D. in Biochemistry. Dr. Tove joined the faculty of North Carolina State College in 1950 as an Assistant Professor. He advanced through the ranks and became Professor of Nutrition at what is now North Carolina State University in 1960. In 1961 he became, and presently is, the Director of the National Institute of Health Nutrition Training Grant. From 1965-75 he was a Professor of Biochemistry at NCSU and since 1975 has been the William Neal Reynolds Professor of Biochemistry and Head of the Department of Biochemistry at NCSU. He is a member of the American Association for the Advancement of Science, American Chemical Society, American Institute of Nutrition and numerous other professional and honorary societies. For the last twenty-five years Dr. Tove has conducted an active research program in the areas of lipid metabolism and intermediary metabolism.

SHORT COURSE FOR THIS FALL

Based on the successes of the two previous short courses it has sponsored and the requests for additional courses it has received, the North Carolina Section of the ACS is offering a third short course this fall. The details of this course, how to register, etc., are given on pages 4 and 5. Be sure to note that payment must accompany your registration and that the deadline for registering is September 30, 1976.

NOTES FROM THE EXECUTIVE COMMITTEE MEETING

The Executive Committee of the North Carolina Section, ACS, met on August 11, 1976.

With regret the Committee accepted the resignation of Howard Clark as Secretary-Treasurer. Dr. Clark cited an increase in his activities at Duke University as the reason for submitting his resignation which is effective January 1, 1977.

The Executive Committee acted on a tabled motion and voted to separate the offices of Secretary and Treasurer. For the past several years these two offices have been combined. With an increase in duties of these combined offices, especially those arising from the short course programs, it was felt that the two offices should be separate. The bylaws provide for the separation (or combination) of these two offices by the Executive Committee. The decision was also made to have the Section elect (at next month's election) someone to serve for Secretary for one year and to elect someone else for Treasurer for a two year term. Thereafter, both offices would be for two year terms, but would be filled on alternate years so as to provide continuity in the Executive Committee membership.

Finally, the Executive Committee made plans for ballot distribution for this year's election and for the verification and tabulation of those ballots which are returned. This year the ballots will be distributed in a separate mailing rather than being included as part of an issue of Tarhelium. The mailing will consist of an outer envelope addressed to each section member inside of which will be two other envelopes (one small and one large), the ballot, and a short biography of each candidate. The section member is to mark the ballot, place it in the small envelope provided and place this envelope in the second, larger

CHROMATOGRAPHY: A UNIFIED APPROACH

The North Carolina Section of the American Chemical Society is pleased to sponsor a non-credit short course in Chromatography: A Unified Approach for all interested scientists in the Research Triangle area.

DATES: Wednesdays, Oct. 6 to Dec. 8, 1976 (except Oct. 27 and Nov. 24)
TIME: 5:15 to 6:15 p.m.
LOCATION: Camille Dreyfus Auditorium, Research Triangle Institute
Cornwallis Road, Research Triangle Park, N.C. 27709
PREREQUISITE: A bachelor's degree in a science, or equivalent, and some familiarity with chromatographic methods.
DEADLINE: Deadline for registration is September 30, 1976, with a maximum of 75 registrants. First come, first served!
INSTRUCTOR: Dr. Charles H. Lochmüller, Associate Professor of Chemistry
Duke University, Durham, North Carolina

Charles Lochmüller came to Duke in 1969 after postdoctoral work at Purdue and a doctorate from Fordham. An analytical chemist with primary research interests in chemical separations, he has more than 30 publications. He has just concluded a year at the Environmental Protection Agency developing sampling and analysis strategies for environmental assessment programs.

COURSE DESCRIPTION: Although chromatographic methods are used in diverse areas of experimental science, it is not generally understood that they share the same physico-chemical bases. Understanding these relationships will permit more effective choices of existing technology. Topics will include factors influencing retention and efficiency; retention index systems for qualitative analysis; selection of stationary phases; column preparation for GC and HPLC; synthesis and use of bonded phases for HPLC; separation of complex samples. Results of an audience poll will determine the emphasis in the latter half of the course.

TEXT: None. Handouts will be distributed where appropriate.

Enclosed is a check (payable to the North Carolina Section, American Chemical Society), as registration fee for Chromatography: A Unified Approach. A check must accompany the registration. Billing cannot be arranged, but receipts will be given to assist registrants in obtaining reimbursement.

_____ \$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

one that is provided. The second envelope will be addressed to the officer in charge of validating the ballots. The voter will have to sign the outside of the second envelope so that verification can take place. After verification all the ballot envelopes will be given to an appointed individual who will open them and tabulate the results.

ELECTION OF OFFICERS-NOMINATING COMMITTEES' REPORT

At the September meeting of the Section, the Nominating Committee will make a report on their nominations for the various offices that are to be filled this year. Those offices are Chair-Elect, Secretary (for two years), Treasurer (for one year), a three year Councilor, and a three Alternate Councilor. (See the previous section of this newsletter for an explanation of separate Secretary and Treasurer offices). This year, and hereafter, both the Councilor and Alternate Councilors will be elected for three year terms. Since the Section has three Councilors and three Alternate Councilors, one of each of these will be refilled each year. The one year terms in the past were needed to provide for this alternating term basis.

In addition to those persons nominated by the Nominating Committee, others may be nominated from the floor at the September meeting or by petition to the Nominating Committee. It is the responsibility of those who make such nominations to be sure the nominee is someone who is willing to serve and to provide a biography of the nominee for inclusion in the mailing of the ballot. Any nominations by petition must be received by Dr. Halbert Carmichael, Chairman of the Nominating Committee; Department of Chemistry;

North Carolina State University; Raleigh,
North Carolina 27607, by October 3, 1976.

The ballots will be mailed as described
in the preceding section of this newsletter.

FUTURE LOCAL SECTION MEETINGS

The meeting dates, speakers and locations
for this year's meetings of the North Carolina
Section are virtually finalized. Be sure to
mark your calendar now so you can plan to at
tend!

<u>Date</u>	<u>Speaker</u>	<u>Location</u>
Sept. 22	Dr. Samuel Tove	Burroughs-Wellcome
Oct. 25	Dr. Dudley Herschbach	Duke
Nov. 17	Dr. John Stille	NCSU
Dec. 7	Dr. Robert Ghirardelli	UNC
Jan. 20	Dr. Bojan Jennings	Meredith
Feb. and March dates not set- Tour Speaker for one month and Dr. Maurice Bursley for the other Feb. meeting will be at NCCU and the March meeting will be at NCSU.		
Apr. 28	Dr. Paul Bartlett (Meeting-in-Miniature)	UNC

AREA SEMINARS

UNC, 11:00 am, Room 308 Venable-

- Sept. 15 Peter Jurs, Penn. State; "Computer
Assisted Chemical Structure &
Biological Property Investigation"
Sept. 30 A.D. Buckingham, Cambridge; "Light
Scattering from Gases & Liquids"
Oct. 6 J.S. Fritz, Iowa State; "Determ.
of Organic Pollutants in Water"

Duke, 3:30 pm, Room 103 Gross-

- Sept. 24 C.H. Van Dyke, Carnegie-Mellon
Oct. 1 H. Wynberg, Univ. of Groningen
Oct. 8 A.P. Schaap, Wayne State Univ.

EXECUTIVE COMMITTEE

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

COMMITTEE CHAIRMEN

Awards - Forrest Getzen (*NCSU*)
Centennial - Marcus Hobbs (*Duke*)
Certification - Richard J. Thompson (*EPA*)
Education - Maurice M. Bursey (*UNC*)
Hospitality - William Gutknecht (*Duke*)
Membership - Lawrence Bowen (*NCSU*)
Program - Suzanne T. Purrington (*Peace*)
Publication - Halbert Carmichael (*NCSU*)
Public Relations - Arthur Dising (*L&M*)
Safety - Nash Collier (*UNC*)
Scholarship - Robert G. Lewis (*EPA*)

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