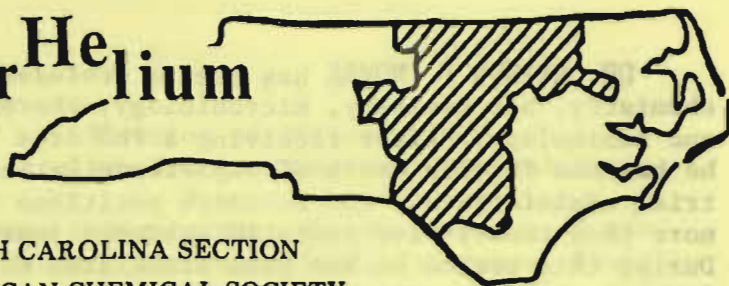


Tar^{He}lium



NORTH CAROLINA SECTION AMERICAN CHEMICAL SOCIETY

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November 1978

FOODS, DRUGS AND COSMETICS

- Speaker: Dr. Arthur F. Novak
Louisiana State University
Baton Rouge, Louisiana
- Date: November 14, 1978
- Place: North Carolina Central University
Durham, North Carolina
- Time: 5:00 Happy Hour
Sudi's Resturant
111 W. Main Street
(See Directions page 7)
- 6:00 *Dinner
Sudi's Resturant (\$6.00 - full
members; \$3.00 - student and
affiliate members)
- 7:30 Lecture
112 Hubbard Chemistry Building
NCCU

*Please make reservations by Friday, November 10, 1978. Call Sue Hester at 966-1566 in Chapel Hill, Terry Laing at 684-2414 in Durham or Linda Hill at 737-2548 in Raleigh.

DR. ARTHUR F. NOVAK has been a professor of chemistry, biochemistry, microbiology, pharmacology, and toxicology. After receiving a PhD from Purdue, he has had fifteen years of experience in industrial, administrative and research positions and more than twenty-five years in academic institutions. During this period he has been associated with federal and state agencies, foundations, and industrial corporations. Professor Novak, now at Louisiana State University, supervised a variety of research and development projects and served as the major professor for more than three hundred graduate students. He has over three hundred publications, presented more than 500 scientific lectures to national and international groups, and is the possessor of 14 patents. His memberships and activities in professional organizations are broad, and include participation in more than 50 recognized scientific groups both in the United States and abroad. Besides being a chemist first, he had employment experience as a Director of Personnel, Production Supervisor, Plant Manager, Head of Engineering Development, and other interesting positions as Technical Advisor to the Legal Staff.

Although the terms "foods", "drugs", and "cosmetics" are commonly employed in the journals, on television, in the newspapers, and in academic circles, few people understand the relationships among these words. A knowledge of their meaning is extremely important because misuse of any could result in serious regulatory problems, especially if a company is involved in the manufacture of one or more of these products. This presentation is designed to explain under what circumstances the various terms are used and when and how they can be used interchangeably according to food and drug laws. This review is designed for the interest of scientists in the fields of chemistry, engineering, microbiology, nutrition, pharmacology, and related areas.

B A L L O T

Election of Officers-1979
 North Carolina Section-American Chemical Society

Please indicate your choice for each of the offices below: Chairman-elect, Treasurer, Councilor, and Alternate Councilor. Mail these ballots using the enclosed envelope to: Kathryn MacLeod
 508 Transylvania Ave.
 Raleigh, N. C. 27609

Please sign the outside envelope legibly to validate your ballot. All ballots must be received by Ms. MacLeod no later than 12:00 noon, Friday, December 1.

CHAIRMAN-ELECT:

_____ FORREST W. GETZEN

_____ SALLY M. HORNER

TREASURER:

_____ ARTHUR C. DIESING

_____ ROBERT A. IZYDORÉ

COUNCILOR:

_____ MAURICE BURSEY

_____ RICHARD J. THOMPSON

ALTERNATE COUNCILOR:

_____ WILLIAM GUTKNECHT

_____ COLIN PITT

ABOUT THE CANDIDATES

Dr. FORREST W. GETZEN is Professor of Chemistry at North Carolina State University where he has served on the faculty since 1961. He received his BS degree in Chemistry from VMI and his PhD from MIT. Dr. Getzen, who is recipient of the Scroll of Honor from the North Carolina Institute of Chemists, served as the first president of that organization. He has been active in the American Chemical Society serving as Treasurer and as Congressional Science Councilor for the North Carolina Section. He has also been active in the American Institute of Chemists serving as Chairman of the Student Awards Committee, Chairman of the Professional Education and Training Committee, Fellow and Director-at-Large. Dr. Getzen is also a member of the NC Academy of Science, the NY Academy of Science, the AAAS, the AIME, and Sigma Xi.

Dr. SALLY M. HORNER, received both her BS and PhD degrees in Chemistry from the University of North Carolina at Chapel Hill. She was a NSF Pre-doctoral Fellow from 1957 to 1960, a Research Associate in Chemistry at UNC from 1961 to 1967, a Visiting Senior Research Associate at Duke in 1972, and has authored approximately twenty articles published in leading chemical journals, primarily in inorganic chemistry. Dr. Horner came to Meredith in 1967 where she served as Chairman of the Department of Chemistry and Physical Science from 1972 to 1977. Currently she holds the rank of Professor of Chemistry at Meredith and is serving as Director of Financial Aid and Institutional Research. Dr. Horner has actively worked for the American Chemical Society serving as Alternate Councilor, working on numerous Section committees, and chairing both the Nomination and Education Committees.

Mr. ARTHUR C. DIESING received his BS from Valparaiso University and his MS from Indiana University. He is currently Manager of Information Services in the Research Department at Liggett & Myers Tobacco Co. He was the first editor of TarHelium, a position he held for three years. In addition he has served on the Nomination Committee and is in his second year as a member of the Public Relations Committee.

Dr. ROBERT A. IZYDORÉ received his BS degree from Pennsylvania State University and his PhD degree in Organic Chemistry from Duquesne University. Following a Postdoctoral appointment at Duke, he served as instructor at the McKeesport Campus of Pennsylvania State University. Dr. Izydore then joined the faculty at North Carolina Central University where he now holds the rank of associate professor. He has served on the Membership Committee for the North Carolina Section of the ACS.

Dr. MAURICE BURSEY is Professor of Chemistry at the University of North Carolina at Chapel Hill. He has been a Councilor for three years, and was Chairman (1975), Chairman-Elect (1974), Secretary-Treasurer (1972-73) and has served on numerous committees of the North Carolina Section. He was one of the first instructors in the Section's program of short courses. In 1977-78, Dr. Bursey was Visiting Scientist at the National Institute of Environmental Health Sciences, and also has collaborated in his work with scientists at Burroughs Wellcome, the Environmental Protection Agency, and the Research Triangle Institute. For ten years Dr. Bursey was faculty adviser to Alpha Chi Sigma at Chapel Hill, and is now District Counselor for the Piedmont-Appalachian District for AXE. He has been awarded both a Sloan Fellowship for research and a Tanner award for excellence in teaching at Chapel Hill, and is currently Chairman of the Chemistry Department's Committee on Minorities Programs and a member of the University's task force on black/white relations there.

Dr. RICHARD J. THOMPSON, who works for the US Environmental Protection Agency, has served the North Carolina Section of the ACS as Chairman-Elect, Chairman, Alternate Councilor, and on numerous committees. He scheduled a joint meeting with the Central North Carolina Section in 1974. Dick has represented the Section as Alternate Councilor at National ACS meetings and knows the workings of the Council (which is the ACS legislative body). He would welcome the opportunity to serve the North Carolina Section as Councilor and promote forcefully the Section views on policy matters at the national level.

A native of Milwaukee, Wisconsin Dr. WILLIAM GUTKNECHT attended the University of Wisconsin-Milwaukee, receiving a BS degree in chemistry. He did graduate work at Purdue University where he received a PhD in analytical chemistry. Following postdoctoral work at the University of New Orleans, he served as assistant professor of Chemistry at Duke University. Dr. Gutknecht now works at RTI as an Environmental Chemist. He has served as chairman of the section's Hospitality Committee for three years and has served on the Nomination Committee.

Dr. COLIN PITT is a native of England. He obtained his BS and PhD from the University of London before coming to the USA in 1960. He did post-doctoral research at both Florida State University and MIT before moving to the Research Triangle in 1963. He is now Director for Physical Sciences at RTI and an adjunct professor in the Chemistry Department of Duke University. He has previously served on the Nomination Committee and was chairman of the Awards Committee of the ACS Section.

DIRECTIONS TO SUDI'S

From Expressway, exit Mangum St. to access road connecting with Roxboro St. From Chapel Hill Blvd., take University/Lakewood Dr. to Roxboro St. Take Roxboro St. north (one way) to Main St. Sudi's is located in second block west. Parking in rear is accessible from Blackwell or Peabody Streets.

ST. ANDREWS COLLEGE HONORS CHEMIST

On October 26, Professor THOMAS BLACKBURN was installed in the McGaw Chair of Chemistry at St. Andrews Presbyterian College. Dr. James Butler from Harvard University was speaker at ceremonies held on campus.

AREA SEMINARS

- Nov 13 Dr. J. J. BEER, University of Delaware (Department of History), "The Chemistry of the Founding Fathers," sponsored by ACS Student Affiliate, 8:00 p.m., Room 124, Dabney Hall, NCSU.
- 14 Dr. ARTHUR F. NOVAK, Louisiana State University, Baton Rouge, "Foods, Drugs, and Cosmetics," 7:30 p.m., Room 112, Hubbard Chemistry Building, NCCU-Durham.
- 17 Dr. M. BAUDLER, Universität Köln, "Phosphorus Compounds with Cumulated P-P Bonds," 3:30 p.m., Room 130, Gross Chemical Laboratory, Duke.
- 27 Dr. L. A. CARREIRA, University of Georgia, "Applications of Coherent Anti-Stokes Raman Spectroscopy," 4:00 p.m., Room 124 Dabney, NCSU.
- 29 Dr. LUIGI G. MARZILLI, John Hopkins University, "Solution Studies in Metal-Nucleic Acid Chemistry," 11:00 a.m., 308 Venable Hall, UNC-CH.
- Dec 4 Dr. M. JONES, JR., Princeton University, "Reactions of Silicon, Germanium, and Tin Containing Carbenes," 4:00 p.m., 124 Dabney Hall, NCSU.
- 8 Dr. MARVIN KONZ, FMC, "1,3-Dioxanes - An Industrial Challenge," 3:30 p.m., Room 130, Gross Chemical Laboratory, Duke.

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