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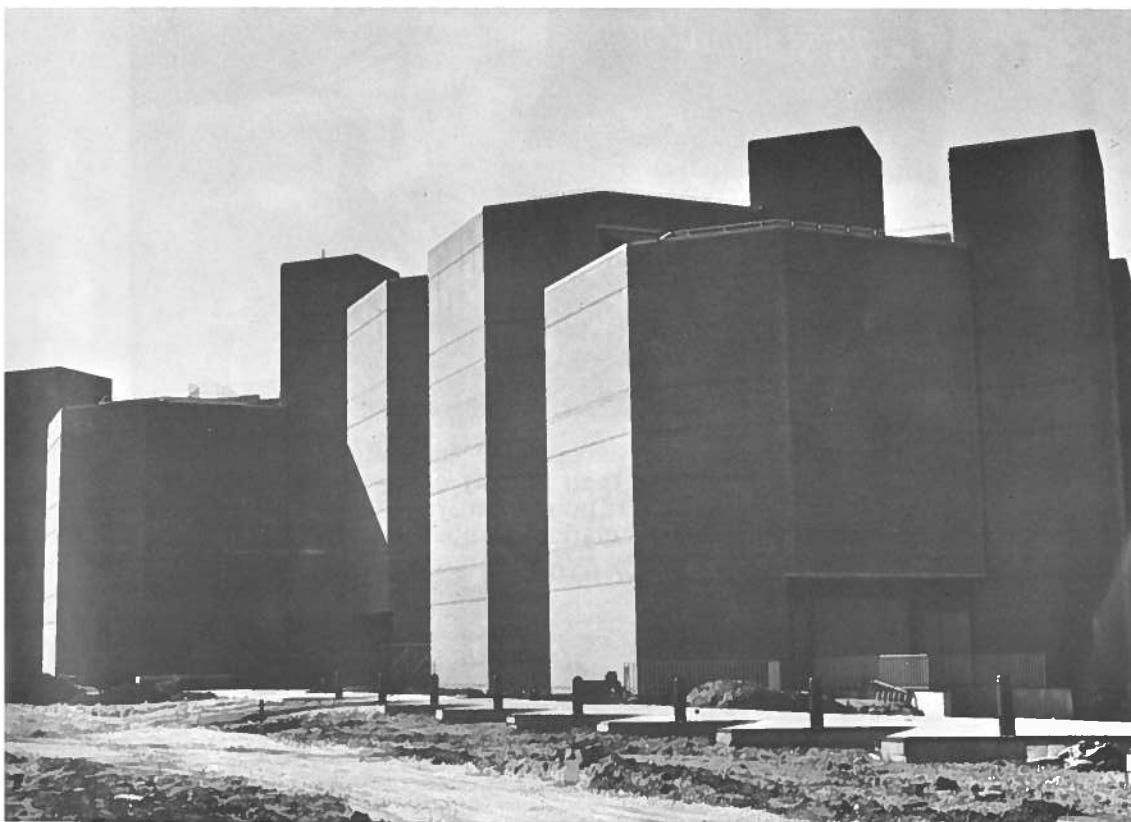
# CHESAPEAKE CHEMIST

MARYLAND SECTION  
AMERICAN CHEMICAL SOCIETY

VOL. XXXI

OCTOBER, 1975

NUMBER 7





# THE CHESAPEAKE CHEMIST

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The Chesapeake Chemist is published monthly September through May by the Maryland Section of the American Chemical Society. Address editorial comments to Howard J. Cohen, Glidden-Durkee, Div. of SCM Corp., 3901 Hawkins Point Road, Baltimore, Md. 21226. Phone 633-6400. Address advertising inquiries and copy to Kent R. Zeller, McCormick & Co., Inc., 204 Wight Ave., Hunt Valley, Md. 21031.

NEAL H. ROSENTHAL

Neal H. Rosenthal has studied at Massachusetts Institute of Technology, Boston University, and American University. He received a B.A. degree in Economics from Boston Univ. in 1959. Upon separation from military service in 1960, he began his career in the Bureau of Labor Statistics, U.S. Dept. of Labor, working as a field supervisor on the Consumer Price Index Revision in 1960 and 1961. In 1962, Mr. Rosenthal entered the field of manpower analysis in the Bureau's Division of Manpower and Occupational Outlook in Washington.

Mr. Rosenthal currently directs the occupational outlook research program in the Bureau of Labor Statistics. In this position, he oversees activities related to the development of occupational projections and the development of publications used in vocational guidance and educational planning that are based on the Bureau's projections of occupational supply and demand.

Mr. Rosenthal is the author of numerous articles dealing with manpower that have been published in the Monthly Labor Review and the Occupational Outlook Quarterly. He is chairperson of the National Vocational Guidance Association Committee on Occupational and Educational Information.

SUPPLY AND DEMAND OF SCIENTIFIC AND TECHNICAL MANPOWER

The Bureau of Labor Statistics develops projections of scientific and technical manpower as part of its

systematic approach of development manpower projections for all occupations and industries. The Bureau publishes information on rates of occupational growth and job openings resulting from growth and replacement. For many occupations, supply-demand analyses are conducted.

The prospective supply-demand situation is expected to vary greatly among occupations through the mid 1980's. In some occupations, shortages are in prospect if current trends in educational choice continue, whereas surplus situations are likely in other fields. In general the outlook for chemists and chemical engineers is favorable. Growth is expected to be faster than the average growth for all occupations and supply does not seem to be growing significantly fast so that it will outstrip demand.

Employment growth of chemists and chemical engineers is heavily tied to the growth of industries employing large numbers of them. For example, the growth of chemists is heavily linked to growth of the chemicals industry and miscellaneous business services. These two industries are expected to account for over one half of the growth in the occupation over the 1974-85 period.

New Ph.D.'s in these fields, however, may be hard pressed to find jobs of their choice. If current production of Ph.D.'s by colleges and universities does not slow down considerably, many Ph.D.'s will have to accept jobs that traditionally have been held by persons with less education. Unemployment is not likely to be a problem, whereas underemployment may be significant.

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\*\*Return by Friday preceeding next meeting.

OCTOBER MEETING

DATE:

Wednesday, October 15, 1975

PLACE:

Eudowood Gardens Lecture Room, Eudowood Plaza, Joppa Road near Goucher Boulevard

SPEAKERS AND TOPICS:

5:30 p.m.  
Dr. Neal H. Rosenthal,  
Bureau of Labor Statistics  
"Supply and Demand of  
Scientific and Technical  
Manpower"

8:30 p.m.  
Dr. William Spindel,  
National Academy of Science  
"Influence of the Federal  
Government on the  
Scientific Community"

SOCIAL HOUR:

There will be a social hour after the meeting. Refreshments will be served.



DR. WILLIAM SPINDEL

COCKTAILS AND DINNER:

Eudowood Gardens Dining Room. Cocktails 6:30 - 7:15 p.m. Courtesy of: Scientific Products Div. of American Supply Corporation Hot buffet dinner (7:15) \$5.50 per person. Retired chemists, students, and their spouses may attend the dinner at \$3.50 each. Reservations are necessary for the dinner and should be made by mail or phone with

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It is not necessary to be a member of the American Chemical Society to attend the dinner or the talks. The talks may be attended without attending the dinner. You are invited to bring your spouse and friends to both the dinner and the meeting.



DR. NEAL H. ROSENTHAL

# NEW MEMBERS

The following people have recently joined the American Chemical Society or transferred into the Maryland Section from some other state. We welcome them to attend the monthly meetings and participate in other activities of the Maryland Section.

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## WILLIAM SPINDEL

William Spindel was born in New York City on September 9, 1922. He received his B.A. from Brooklyn College in 1944, his M.A. in 1947 and his Ph.D. in Chemistry from Columbia University in 1950. From 1944 to 1945, he was a Junior Scientist with the Manhattan Project at Los Alamos Scientific Laboratory, Assistant Chemist at Columbia from 1946 to 1949; an Instructor at Brooklyn Polytechnical Institute from 1949 to 1950; Assistant Professor at the State University of New York Teachers College in Albany from 1950-1954; Research Associate at Columbia from 1954 to 1956 and Visiting Associate Professor from 1956 to 1957; Associate Professor at Rutgers from 1957 to 1962; Visiting Professor at Columbia from 1962 to 1970; Professor at Belfer Graduate School of Science at Yeshiva University from 1964 to 1971; and Senior Lecturer at Columbia from 1970 to 1971. Dr. Spindel was a Guggenheim Fellow from 1961 to 1962, and a National Science Visiting Scientist in Yugoslavia from 1971 to 1972. His present position is Executive Secretary of the Office of Chemistry and Chemical Technology with the National Research Council of the National Academy of Science.

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The Resonator

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