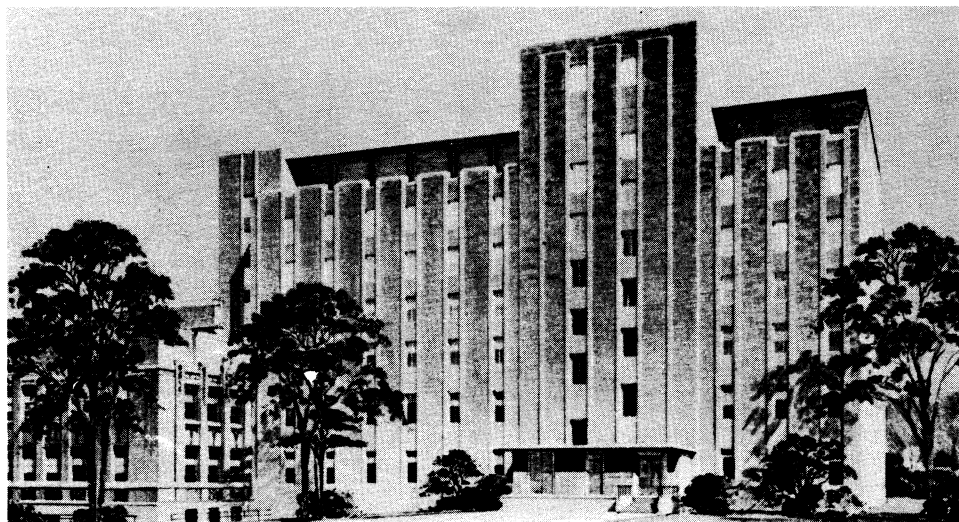


# NEWSLETTER

## Indiana University Association of Chemists

*April 1965*



# N E W S L E T T E R

## ASSOCIATION OF INDIANA UNIVERSITY CHEMISTS

Vol. XIII, No. 1

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### ASSOCIATION NEWS

#### MEETINGS

The Association held a social hour at the time of the National meeting of the American Chemical Society in Chicago on September 1, 1964, at the Hamilton Hotel. About 45 alumni, faculty, and friends were present. Gerald Recktenwald was elected president of the Association, and Professor Harry G. Day was re-elected secretary-treasurer. The next meeting will take place during the ACS meeting in Detroit. The occasion is a luncheon to be held in Parlor F of the Statler Hilton Hotel at 12:30 P. M., Tuesday, April 6.

Our Association President, Gerald W. Recktenwald, is a native of Lexington, Kentucky. His undergraduate work was carried out at the University of Kentucky, and he also completed the M. S. degree in Chemistry there. He started work toward the Ph. D. in Analytical Chemistry at Northwestern University in 1950 and completed it at Indiana University in 1955. He held the Atomic Energy Commission Research Assistantship at Indiana University in 1952-54 and carried out his research under the direction of Professor Merritt. At present he is quality control engineer at the Appliance and Television Receiver Division of the General Electric Company in Louisville, Kentucky.

#### BRISCOE PROFESSORSHIP IN CHEMISTRY

The University, through President Stahr, and the I. U. Foundation, and through Chancellor Wells, have strongly encouraged the Department to complete the establishment of the Herman T. Briscoe Professorship in Chemistry. Some of the AIUC members have already received an opportunity to participate in this significant plan to memorialize Dr. Briscoe and to aid in making excellence truly a hallmark of the Department. It is planned that within a few months all will receive an invitation to contribute before the books are closed and thus to participate in this important action.

## TREASURER'S REPORT

(a) Scholarships. This year 17 chemistry majors and 15 freshmen who intend to major in chemistry are recipients of AIUC support. The total paid in scholarships and grant-in-aids is \$7900.00. All the stipends range from \$200 to \$500, the amount being determined by financial need. Most of the recipients also receive some other form of financial assistance, all of which is through the I. U. Office of Scholarships and Financial Aids. Two of the AIUC scholars are at regional campuses. Ten are girls.

In the first semester the grade point average of the freshmen was 3.18 and for the upperclassmen it was 2.89. Many of the students have part time jobs. All are taking more than the minimum amount of credit hours. Last semester 13 were taking 17 to 20 hours. All apparently were well chosen. It appears that about one-half are going to become truly outstanding.

In 1965-66 it will be necessary to reduce the total amount of support to approximately \$4500.

(b) Contributions for Newsletter. It costs approximately \$325 per year to issue two Newsletters. All the AIUC members who like to receive it are asked to please contribute some folding money or checks in sufficient amount to make the operation at least self-supporting. The sooner the better! Thanks.

Harry G. Day  
Treasurer

## NEWS OF THE DEPARTMENT

Major remodeling of part of the old chemistry building was completed this winter in time for the beginning of the second semester classes. The changes made have created more space for the laboratory sections of the freshman chemistry courses so that the Department can now more adequately meet the needs arising from increased enrollment. The offices and small laboratories on the ground floor were combined by removing partitions. The former machine shop area at the east end of the building was also converted into laboratory space. All the freshman laboratories are now on the ground floor and have been outfitted with new benches and other facilities, and the

lighting has been moderized. Because of the increased fire hazard resulting from the presence of large undergraduate laboratory groups on the ground floor, it was necessary to enclose the stairwells. Also, the corridor has been divided by fire doors. This last action has caused some consternation among the non-chemistry personnel who formerly made the chemistry building a busy thoroughfare between Ballantine Hall and points west. Major work still to be undertaken includes the remodeling of the library, the auditorium, and the undergraduate organic laboratories. It is hoped that the first two of these projects can be completed during the summer.

Last fall the department acquired an automatic spectropolarimeter or optical rotatory dispersion recorder. This instrument has facilitated research in several areas of organic and biological chemistry.

Four new members joined the Chemistry Department faculty last fall. Dr. Jack Crandall, whose field is organic chemistry, came from Stanford University. Dr. Donald McMasters, one of our own alumni and a native of Crawfordsville, Indiana, whose field is analytical chemistry, is in charge of the reorganization and development of the freshman chemistry laboratory courses. He was formerly at the University of Illinois. Dr. Robert Mortimer from the University of California (San Diego), specializes in theoretical physical chemistry; he is a native of Provo, Utah. Dr. Charles Parmenter is also in the field of physical chemistry. He completed work for the Ph.D. at the University of Rochester and came to us from Harvard University. He was born in Philadelphia, Pennsylvania.

During the fall semester Dr. Thomas C. Waddington from Cambridge University, whose field is inorganic chemistry, was Visiting Professor in the Department. He has recently returned to England. Dr. Max Wolfsberg of the Brookhaven National Laboratory and Dr. Travis Stevens of the Research Division of Rohm and Haas, Huntsville, Alabama, are Visiting Professors during the spring semester. Dr. Wolfsberg's field is physical chemistry and Dr. Steven's field is organic chemistry.

Professors Campaigne, Moore, and Wenkert continue to serve on the advisory boards of the Journal of Medicinal Chemistry, the Journal of Physical Chemistry, and the Journal of Organic Chemistry, respectively. Three of the faculty are members of canvassing committees of the American Chemical Society for award nominations. Dr. Shell is chairman of the committee to obtain nominations for the Irving Langmuir Award in Chemical Physics sponsored by the General Electric Foundation. Dr. Hauowitz is a member of the

committee for the American Chemical Society Award in Biological Chemistry sponsored by Eli Lilly and Company, and Dr. Wenkert is serving on the committee for the Fritzsche Award established by Fritzsche Brothers, Inc. Dean Gucker, who is councilor for our local section of the American Chemical Society, is secretary for the Committee on Nominations and Elections of the national organization. Dr. Day is vice-chairman of the Examinations Committee of the Division of Chemical Education.

Professor Merritt, formerly Associate Dean of Faculties, has been appointed to a newly created position, Vice-President for Research and Dean of Advanced Studies at Indiana University, effective February 1. His new title indicates an increased emphasis on the development and coordination of research in relation to all advanced and graduate study at Indiana University.

The University holds more than \$51 million in research contracts, and the graduate enrollment totals 6,135. Dr. Merritt is director of the Bureau of Institutional Research which conducts cost studies in cooperation with the three other state supported colleges and universities and also conducts studies to effect more efficient and economical operation of the University. He was also active in the creation of the Research Computing Center and has been chairman of the Science Advisory Committee of Indiana University since its establishment in 1963.

#### ROBERT CHERNIN MEMORIAL AWARD

The Association lost one of its outstanding and promising young alumni in 1963 at the age of 28, a victim of cancer. Several friends of Robert Chernin have expressed the wish that some kind of memorial for him be created in recognition of his achievement and his fine personal qualities. It was decided that a fitting tribute would be a gift, to be known as the Robert Chernin Memorial Award, to a worthy graduate student in chemistry for use during 1965-66. The recipient of the Award will be selected by a faculty committee on the basis of the student's progress and standing in the graduate school.

Robert Chernin was a native of Brooklyn, New York, and attended the Boys High School of that city. He received the B. S. degree from the City College of New York, cum laude, in 1956. At Indiana University he was a teaching assistant 1956-58, the duPont Teaching Associate 1958-59, and held

the Monsanto Research Fellowship 1959-60. He carried on research for the Ph. D. degree under the direction of Dr. John H. Billman and was a lecturer in the summer sessions of 1958 and 1960. The subject of his dissertation was Organic Analytical Reagents in Inorganic Analysis; The Use of the Sulfonamido Group as the Acid Function in Inner Complex Formation. His research resulted in the development of several useful applications in the analytical field, and studies of certain of its aspects are being continued in the Department. After receiving the Ph. D. degree in 1961 Bob went to the Technical Service Laboratory of the Union Carbide Chemical Company, Tarrytown, New York, where he was carrying on research at the time of his death.

We know that all who were associated with Bob recognized his ability and integrity and will want to contribute to this fund in his memory. If you know of any friends and associates outside his Indiana University circle who would like to join in making up the memorial, please let them know of the project.

Included with the Newsletter is a prepaid return envelope and a convenient form for making your contribution to the Robert Chernin Memorial. The Indiana University Foundation has agreed to receive all contributions and administer the monies collected for this purpose. Since it is sometimes the policy of industrial organizations to match funds given by their employees for educational purposes, we suggest that alumni investigate whether their employers have such a policy and would be willing to contribute an amount equal to your gift. All contributions should be sent to the Indiana University Foundation, Memorial Union Building, Bloomington, Indiana. Checks should be made payable to the Indiana University Foundation. Since it is planned that the award will be presented in the fall of 1965, contributions should be made as early as possible in order that the project can be completed for the 1965-66 school year. Reports will be made in future Newsletters concerning the fund and the student to whom the award is given.

#### ALUMNI NOTES

We congratulate Dr. William J. Sparks (AM '29) on his election to the office of President of the American Chemical Society for 1966 and also on his being named recipient of the Priestley Medal in 1965. Dr. Sparks received the Distinguished Alumni Award of Indiana University in 1956. Last summer he was appointed to the Committee on Agricultural Science of the

United States Department of Agriculture and has recently become a member of the Petroleum Research Fund Advisory Board. He is scientific advisor at Esso Research and Engineering, Linden, New Jersey.

Joseph R. Leal (Ph. D. '52) has been appointed manager of contract relations at the Cyanamid Central Research Division Laboratories in Stamford, Connecticut. He will administer government research and development contracts for the division. Bernard Schaafsma (Ph. D '44) has been promoted to director of research at Colgate-Palmolive Company. His responsibilities cover chemical products - the detergent, specialty and cleaning products, as well as food, plastic and disposable products. He is concerned with product development. Glenn A. Berchtold (Ph. D '59), assistant professor at MIT, and Executive Officer of the Department of Chemistry, is one of the senior editors of the Journal of Organic Chemistry, the section on synthetic organic chemistry and NMR.

Robert Forney (Ph. D '48), was installed as president of the American Academy of Forensic Sciences at a recent meeting in Chicago. Richard Neithamer (Ph. D '57), formerly at Rose Polytechnic Institute, is associate professor of chemistry and senior professor in charge of the Chemistry program at Florida Presbyterian College, St. Petersburg, Florida. Wendell P. Metzner (AB '33), presided over the Symposium on Research Laboratory Operations of the Division of Industrial and Engineering Chemistry at the national ACS meeting in Chicago last September.

J. C. Warner (Ph. D '23), who has lately retired as president of Carnegie Institute of Technology, has been elected chairman of the Board of Nuclear Science and Engineering Corporation, Pittsburgh. The Corporation was formed in 1954 to provide research and development under contract to government and industry. Dr. Warner has been president of Carnegie Tech since 1950 and has been a member of the General Advisory Committee of the Atomic Energy Commission for 12 years. He was president of the American Chemical Society in 1956. Jim E. Purdie (AB '56), has transferred from the quality evaluation laboratory, Naval Weapons Station, Crane, Indiana, to the technical branch of the safety department of Launch Operations Center, Cape Kennedy, Florida. Leo Sampanis (AB '58), has joined the R. G. B. Laboratories, Inc., Kansas City, Missouri, as control chemist. He was formerly associated with Beckman Instruments, Inc.

Kenneth Smith (BS '64), has joined the research team in organic chemistry at Mead Johnson, Evansville. He carried out his senior research

project under Dr. Carmack's direction. Joseph Siefker (Ph. D '60), is the secretary of the Wabash Valley Section of the ACS this year. James Wolfe (Ph. D '63), who last year was at Duke University, has joined the faculty of Virginia Polytechnic Institute at Blacksburg. Lee J. Todd (Ph. D '63), is assistant professor of inorganic chemistry in the Department of Chemistry and Chemical Engineering at the University of Illinois. Donald Gaines (Ph. D '63), has recently returned to the Department after a year at the University of Manchester, England.

Robert Huffman (Ph. D '64), is carrying on research at the University of California at Santa Barbara. Pradip Kumas Ghosh (Ph. D '64), is in the Chemistry Department of Rice University, Houston, Texas. Ronald Olsen, who has recently completed all requirements for the Ph. D. , has gone to Rochester, New York, to take a position with Eastman Kodak, Emulsion Research Laboratory.

Recent visitors in the Department include: E. E. O'Banion (PhD '42), Prairie View, Texas; Wendell Metzner (AB '33), 64 Armstrong Drive, St. Louis, Missouri; T. J. Logan (AB '53), 3296 Lillwood Lane, Cincinnati, Ohio; J. W. McDowell (Ph. D '60), 160 Kolla Lane, East Aurora, New York; Fred Henoeh (BS '64), Duke University, Durham, North Carolina; Wendell W. Meyer (Ph. D '62), Dow Chemical Company, Midland, Michigan.

New addresses:

Alfred S. Levinson (Ph. D '63), 4024 N. E. Laurelhurst Place,  
Portland, Oregon 97232.

Joseph R. Leal (Ph. D '52), 151 Fifth Street, Stamford,  
Connecticut 06905.

Wendell W. Meyer (Ph. D '62), 3313 Greenway, Drive,  
Midland, Michigan.

## POSTDOCTORAL ASSOCIATES

Dr. Krishmakant Dave, who has been associated with Dr. Wenkert's group for the past three years, has recently gone to Israel where he will carry on research at the Weizmann Institute of Science until August. After that he plans to return to India.

Dr. Lynn Stewart joined the staff of Meharry Medical School, Nashville, Tennessee, last fall. He was for two years a member of Dr. Thoma's group.

Dr. Jaswant Rai Mahajan has returned to India where he is a member of the scientific pool at the Institute of Pharmacology at Chandigarh, Punjab. He worked with Dr. Carmack at Indiana University.

Dr. Takeshi Oishi, a member of Dr. Wenkert's group, has returned to Japan to join the staff of the School of Medicine, Pharmaceutical Institute of Hokkaido University, Sapporo.

Dr. John Jewett, one of Dr. Shiner's associates, is now Assistant Professor at Ohio University.

Dr. John D. Salzman has joined the staff of the Chemistry Department of Colorado College, Colorado Springs.

Dr. David MacLean is at DePauw University.

Dr. Peter Jeffs of Dr. Wenkert's group has joined the faculty of the Chemistry Department of Duke University as Assistant Professor.

Dr. Albrecht Fuchs, also a member of Dr. Wenkert's group, has recently gone to the Institut für Pharmazie und Lebensmittelchemie, Würzburg, Germany. He had been at Indiana University for one and a half years.

Dr. Ian Ellis, formerly an associate of Dr. Schaeffer, is now an assistant lecturer at Westfield College in Hampstead, London. The Ellises announce the birth of a daughter, Shona Margaret, February 17.

Joanna Dickey  
Editor of AIUC Newsletter  
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Bloomington, Indiana