

Association of Indiana University Chemists

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Association Affairs

A.I.U.C. Luncheon: Although not yet definite, we have requested Wednesday, April 11th, for the Dallas Luncheon. Consult your final program in the February 27th issue of C. and E. News for definite time and place. Hope to see you all in Dallas. Bill LeSuer, our new President, assures us that he will be there.

Minneapolis Luncheon: Fifty-eight members attended the A.I.U.C. Luncheon held on Tuesday, Sept. 13, 1955, in Minneapolis. Although your writer was unable to be present, it is reported that a fine time was had by all, and that enthusiasm for the A.I.U.C. continues to grow.

Finances: Although the last Newsletter, which included a special directory of Ph.D.'s, did stimulate the return of more than the usual dues, we are still far from able to finance a complete printed directory or undertake any other projects that may be desired by the Alumni. We have on hand, before paying for this present mailing of the Newsletter, approximately \$150.00. We particularly urge those who have not sent in any contributions previously, to send in a few dollars to cover up on their back dues as well as paying up for the year. It is interesting to note that many of our members find it more convenient to send in \$5.00 or \$10.00 once in a few years, rather than to send in a check for \$1.00 each year. During this past year we have received several checks for as much as \$10.00, and a good many for more than the \$1.00 yearly dues. We keep a record of these donations, and do not expect people who make donations of this size to send us a check every year. However, for those who have not sent in their dues, we hope you will take the time to drop us a letter with a note telling us about yourself and your activities since leaving IU, along with your contribution.

News of the Department

Our two new faculty members, Dr. Henry R. Mahler, a biochemist from the Institute for Enzyme Research, University of Wisconsin, and Dr. Harrison Shull, a theoretical physical chemist from Iowa State via Uppsala, Sweden, joined us in September, and are busily engaged in getting their laboratory units set up.

Professor Haurowitz lectured last summer at the Universities of Groningen and Kiel and also attended a conference on macromolecules at the Marine Biological Laboratory of the Lombard Institute of Arts and Sciences at Polonza, Italy. He presided at two meetings of the International Congress of Biochemistry in Brussels where he also gave a paper and took part in a symposium on protein chemistry. Haurowitz also attended a meeting of the Faraday Society on Enzymes at Oxford. Haurowitz and Mahler both attended the International Symposium on "Enzymes--Carriers of Biological Structure and Function" sponsored by the Henry Ford Hospital at the Edsall Ford Research Institute in Detroit on December 1. On the invitation of the National Academy of Sciences, Professor Haurowitz gave a talk on "Complementariness in Antigen-Antibody Reactions" at a symposium on "Molecular Structure in Biological Specificity" held in Washington, D. C. October 28, 29.

On October 20, 21, Dr. Mahler attended a symposium on metabolism and functions of iron at Portland, Ore. by invitation. He also addressed the seminar before the Department of Biochemistry of the University of Washington.

Professor Harrison Shull by invitation, attended the International Conference on Quantum Mechanics at the University of Texas on December 7-9. He discussed his work on chemical bindings and electron interaction in molecules.

M. Carmack attended the International Congress of Pure and Applied Chemistry in Zurich last summer and delivered a paper on alkaloids. On Nov. 15, Carmack addressed the Technological Institute of Northwestern University on "Recent Developments in Organic Sulfur Chemistry."

Dr. L. L. Merritt is on leave for the year to carry on research in X-ray crystallography at the California Institute of Technology on a Guggenheim Fellowship.

The Chemistry Department has acquired a little more space this last fall. The analytical section has taken over the top floor of Kirkwood Hall, formerly occupied by Bacteriology. Drs. Fischer, Schaap, and Merritt have their offices and research laboratories in the new location. Space formerly occupied by the analytical group in the chemistry building has been taken over by biological chemistry and physical chemistry.

Dr. F. C. Schmidt has returned to the department from his sabbatical leave in California with renewed vigor. This fall he was in charge of a series of ten local television programs entitled "The Chemical Century" which were produced by the department.

Professor Kaslow is chairman of an important departmental committee this year--the committee on space for new building. This committee, consisting of the chairman with Professors Rohrer, Peake, and Campaigne are attempting to draw up the needs of the department for an additional wing, which will approximately double our space. Important developments along this line will be reported to you at intervals. The committee is engaged in making some investigational trips to other new laboratories around the country this year. Professor Haurowitz and Professor Campaigne were honored by election to fellowship in the New York Academy of Science in December. Last fall Campaigne delivered a series of lectures on "Search for New Drugs," over the State of Indiana. These lectures were part of a science series developed by the Sigma Xi and sponsored by the Society in conjunction with the Indiana University Extension Centers. J. H. Billman and J. S. Peake attended the Southeastern Sectional Meeting of the American Chemical Society in Columbia, S. C. in November. Professor F. C. Mathers reports seeing about ten of his former students at the Electrochemical Meeting in October. Professor Gucker has been appointed chairman of the Committee on Fellowships in chemistry under the Fulbright Act.

The Department continues to have an excellent group of visiting research people on hand. The first semester of this year Professor Ahmed Mustafa of the University of Cairo, Egypt, was Smith-Mundt visiting scholar in the department. Professor Mustafa has published extensively in the field of organic sulfur chemistry and was associated with E. Campaigne during his stay at I.U. Dr. Paul Bien of Hongkong, formerly professor of chemistry at the University of Shanghai, is in the department this year studying with Professor Schmidt. Other postdoctorates include R. Lindner from Sweden, G. Parfitt, from England, Bryce Douglas from Scotland, C. O'Briain from Ireland, and H. Walter, Edith Schroeder, and N. W. Penn from the United States. Three new men came into the department in January. Dr. Keith Howell, of Bristol is working with Harrison Shull; Herbert Asmis, from Zurich, has started a natural products problem with Professor Carmack; and Tatsuya Yasunaga, assistant professor of chemistry, University of Hiroshima, has come to work with Professor Gucker on Velocity of Sound in Solutions. The department at present has about 75 graduate students and about 70 juniors and seniors majoring in chemistry. R. L. Usher, a senior, is the recipient of the R.C.A. scholarship in physical science. The following recent graduates have accepted positions in industry: B. L. Appleton, General Foods, Inc., Tarrytown, N. Y.; E. L. Martin, Jr., Shell Chemical Company, Houston, Texas; Herman Opitz, Armstrong Cork Company, Lancaster, Pa.; Gerald Rectenwald, General Electric Company, Louisville, Kentucky; Jack Young, Carbide and Carbon Chemical Co., Oak Ridge, Tennessee; J. A. Tolzman, Minnesota Mining and Mfg., St. Paul, Minnesota; B. Buchner, Koppers Research Center, Verona, Pa.; Joseph Davis, Standard Oil Company of Indiana, Whiting, Indiana. James Van Verth has accepted a job with Monsanto Chemical of Nitro, West Virginia; and Carl Verbanic has accepted

a postdoctorate at the University of Michigan. Both Van Verth and Verbanic expect to receive their Ph.D. degrees in June, 1956.

Edith Schroeder, Ph.D. '55, on November 20, married Arthur Lessor, Ph.D. '55, at St. James Church in Chicago, Illinois.

The National Science Foundation has given the department a substantial grant to aid in conducting an Institute for College Teachers of Chemistry from 18 June to 13 July. Ten or more outstanding chemists will review progress in chemistry and its significance in teaching chemistry. Most of the speakers will each remain on campus at least four days. Stipends will be given to a maximum of 50 qualified applicants for enrollment in the Institute. R. B. Fischer is the director and D. J. Cook, Ph.D., '44, is the associate director.

NEWS OF THE ALUMNI

It is with regret that we announce the death of Arthur B. Leible, A.M. '16 who died at his home in Bloomington on 9 November '55. Dr. Leible received his master's degree in chemistry from Indiana University, but later went on to take a Ph.D. and teach in English literature. He served for a time as Assistant Dean of the College of Arts and Sciences at Indiana University. Gar A. Roush, A.B. '04, died in his home at Arlington, Virginia on 16 August '55. He was a member of the Electrochemical Society and the American Institute of Mining and Metallurgical Engineers. He served as Editor of the Mining Industry from 1913 to 1943 and at the time of his death was connected with the Bureau of Federal Supply, U.S. Treasury. He also had a distinguished teaching career at Lehigh University, 1912-1926, before entering the government service. He was the author of numerous scientific papers.

Joseph Waltz, Ph.D. '40, is director of the Dacron Research Laboratory in Kinston, N.C. Associated with him in this laboratory are John Christens, Ph.D., '56, Dave Barnes, Ph.D., '47, and Jim Rooley, Ph.D., '50. These men are all looking forward to a visit from Dr. L. L. Merritt, who is to be the Local Section ACS speaker there sometime next spring. As some of you know, the writer spent the summer at Oak Ridge, and while there ran into many I.U. graduates. Practically all of them seem to be very happy in their bucolic surroundings and are making good progress in their work. Among those whom I met in various places like corner drug stores, the fancy swimming pool, and even at work, were Dale Fisher, Ph.D. '51, Oscar Menis, Ph.D. '51, and Leonard Zill, Ph.D. '50. I know there were many other AIUC members at Oak Ridge, but I was not able to look them all up. We were particularly pleased to reside in the same apartment building with Vincent Parker, Ph.D. '40, who is now head of the Physics Department at Louisiana State University.

Ed Kennedy, M.S. '48, is now department head of the Analytical Research and Development Group at Eli Lilly Company, and is currently chairman of the Indiana Section of the American Chemical Society in Indianapolis. C. F. Crampton, Ph.D. '52, has accepted the position, assistant professor in the Department of Pathology at the new University of Florida School of Medicine, Gainesville, Florida. Arthur E. Hall, A.B. '50, graduated in veterinary medicine from Michigan State Veterinary School and is now practicing in Garrett, Indiana. Ping L. Ho, Ph.D. '52, and Ju Yu Ho, Ph.D. '52, have returned to the Orient. They will probably live in Hongkong or in Singapore. Otis W. Fortner, B.S. '40, is manager of the Air Reduction Chemical Company Vinyl Acetate Plant at Calvert City, Kentucky. Wendell D. Mason, A.M. '40, is now associated with Huntington Laboratories in Fort Wayne, Indiana, and also does some teaching at Indiana University Center in Fort Wayne, Indiana. We hear occasionally from Nick Kartinos, Ph.D. '47, and Peg Kartinos (nee Smith) M.A. '46. Nick is associated with the Baxter Laboratories in Chicago. Bernard R. Schaafsma, Ph.D. '44, has been promoted to Assistant Director of Research at the Colgate-Palmolive-Peet Co. Don Rose, Ph.D. '54, left the Applied Physics Laboratory at Johns Hopkins University and has accepted a job at Los Alamos. Wes Archer, Ph.D. '54, has left the Irwin-Neissler Laboratories for a job at Dow Chemical at Midland,

Michigan. Irving Rosen, Ph.D. '51, has been promoted to Group Leader in the Atomic Energy Section of the Exploratory Research Department, Diamond Alkali Co., Queensville, Ohio. We had an interesting visit from Pearle Monroe, Ph.D. '52, who passed through Bloomington as he circled the globe on his first vacation in three years from the Goodyear Rubber Laboratories in Sumatra. Monroe informs us that he enjoys the work, and will be quite happy to return to Sumatra for another three years. The Department was also visited this fall by Henry S. Rothrock, Ph.D. '31, who is associated with the DuPont Experimental Station. Bernard Searle, A.B. '49, has been a biochemist at the Nepara Chemical Company, Yonkers, New York but during the past year has undertaken full time studies toward his Ph.D. in biophysics at New York University. George F. Bicknell, A.B. '05, who retired from his medical practice in Miami in June, 1954, has now undertaken to work in cancer cytology at the Cancer Institute at Miami, Florida. He writes that he expects to go to Vienna, Austria, in January, to continue his work in cancer. Dr. Bicknell was elected as a Fellow of the American College of Surgeons in 1928, and is certainly still going strong. Congratulations to him from all of us. Lyman R. Caswell, A.B. '49, M.A. '50, recently received his Ph.D. from Michigan State University in organic chemistry, and became assistant professor of chemistry at Ohio Northern University of Ada, Ohio. Edwin L. Godfrey, A.B. '37, M.A. '39, writes that after some seventeen years of teaching mathematics in several colleges and universities he has begun practical work as an applied mathematician on Univac in the Electronic Computer Branch of the Air Material Command at Wright Patterson Air Force Base, Ohio. Neg Shirts, A.B. '29, is now metallurgist at the Lockheed Aircraft Corporation, at Burbank, California. Cris Paolucci, A.B. '52, writes from the Scott Air Force Base, Illinois, that he has had a recent addition to his family (boy) and has moved to larger quarters. Herschel G. Grose, Ph.D. '51, was appointed head of the department of chemistry at Marietta College, Marietta, Ohio, last fall. Marvin E. Glidewell, A.B. '41, has worked at the Research and Development Department, Magnavox Company, Fort Wayne for nine years, and for the past five years has been head of the production control laboratories. He is married and has four children and he writes that through the AIUC Newsletter he has learned of the whereabouts of an old friend. We hope that the Newsletter can be of similar service to more of you through the years. Frank E. Rice, A.B. '09, writes that after 27 years as Executive Secretary of the Evaporated Milk Association, he has graduated into semi-retirement, and has a little more time to use his seven cameras and keep up his responsibilities as an officer in the Photographic Society of America. Paul N. Rylander, Ph.D. '49, was promoted to group leader in organic research at Standard Oil of Indiana, at Whiting. Ed Howard, Ph.D. '49, is now married to a Spencer, Indiana, girl, and they have a baby daughter. He is still in Wilmington with DuPont. Bill Foye, Ph.D. '48, is now associate professor at Massachusetts College of Pharmacy. Donald K. Ballman, M.A., '35, general sales manager of the Dow Chemical Company, is the 1956 honor award winner of the Commercial Chemical Development Association. Albert G. Gassmann, Ph.D., '41, is the current president of the Detroit section of the ACS. He has been connected with the Ethyl Corporation for these many years. Bernard Wolnak, Ph.D., '43, has his own consulting business, Mid-West Laboratories, and he is making remarkably good progress.

Send news and dues to the undersigned. We have 1,100 addresses in the file. Is yours correct?

E. Campaigne
Secretary and Treasurer
A.I.U.C.