

# NEWSLETTER

## *Association of Indiana University Chemists*

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### Association Affairs

The AIUC Luncheon at the Chicago ACS Meetings will be held Wednesday, September 10. Nick Kartinos is in charge of late ticket sales. Remember, officers for the coming year will be elected at this meeting. We hope you will be there.

San Francisco Meeting: Approximately five persons attended the luncheon at the St. Francis Hotel. President Lingle presided. Dr. Campaigne reported on AIUC affairs, Dean Gucker told about general campus activities, and Dr. Day spoke on changes in the Department of Chemistry.

Treasurer's Report: Unfortunately no dues were collected at San Francisco. Cash on hand July 1--\$66.84. Cost of printing and mailing March letter--\$87.88. Simple arithmetic will show that the present letter puts us in the red by more than \$20. So please send your \$1 dues to your Treasurer, E. Campaigne, I U. Chemistry Department. N. B. Many members find it convenient to send \$5 or \$10 to cover past and future dues.

### News of the Department

New faculty additions effective this fall are: Dr. Riley Schaeffer, from Iowa State College, as Associate Professor, inorganic chemistry,

who has a large research program on boron hydrides; Dr. Walter Meyer, coming from University of Michigan via University of Wisconsin, as Instructor in organic chemistry, who has been NSF predoctoral and postdoctoral fellow for four years, working on steroids; and Dr. Russell Bonham, Ph. D. from Iowa State College, as Instructor in physical chemistry, whose research field is electron diffraction and structure determinations.

Dr. Hauowitz was made Distinguished Service Professor this year. Dr. Billman and Dr. Shull were promoted to Professor.

All the alumni who knew Al Kronenberger will be saddened to learn that he died, on 12 May, of leukemia. Mrs. Kronenberger and their son, Larry, will continue to live in Bloomington.

Dr. Moore and Dr. Shiner will be on sabbatical leaves to carry on research in Europe, both as National Science Foundation faculty fellows.

In May a special lecture and banquet were given to honor eighteen undergraduate and graduate students who have been doing outstanding work in chemistry. The lecturer was Professor V. du Vigneaud. The following day PLU sponsored the traditional departmental picnic in Brown County.

A junior, John Reed, was the first recipient of an AIUC Scholarship during the past year.

If substantial contributions to the fund are made within the next few months several worthy students will be recognized and assisted through scholarships this year.

Darrell Ebbing, advanced graduate student, is spending several weeks in Sweden this summer, with major expenses paid, to attend a special school on quantum chemistry. At the School he will work with his research adviser, Dr. Shull, who is on leave to do research at the University of Uppsala.

During the past year over twenty post-doctoral fellows have worked in the Department. At present fourteen are with us, and they are from nine different countries. At least five postdoctorals will join us in 1958-59.

During 1957-58 the University received approximately \$454,000 from outside sources to support research and instruction in the Chemistry Department. It seems probable that the support in 1958-59 will equal this amount.

Very serious hopes are being entertained that funds will be appropriated next spring for the construction of a large and fully up-to-date addition to the Chemistry Building. Dr. Kaslow and his committee are busily developing the plans preparatory to active teamwork with the architects.

The Department held a Conference on Hyperconjugation June 1 to 4, supported by the National Science Foundation and several interested industrial companies. It was attended by 116 chemists from all parts of the United States and from England. Dr. Shiner, who has contributed much to development of hyperconjugation theory by making quantitative measurements of chemical effects which it explains, was one of the speakers and, with Dr. Campaigne, was co-chairman of the Conference.

Several eminent chemists presented papers. Evidence from such fields as quantum chemistry,

thermochemistry, molecular dimensions, reaction kinetics, absorption spectroscopy, and isotope effects pertinent to the problem of hyperconjugation was dealt with critically. Professors Weldon G. Brown of the University of Chicago and R. T. Arnold of the Sloan Foundation and Columbia University summarized the findings of the Conference.

## Alumni News

Bernard Wolnak, Ph. D. '43, President of Mid-West Laboratories, is heading a new organization, the Nuclear Chemical Company, Chicago, which will manufacture and supply organic compounds tagged with radioactive carbon, hydrogen, phosphorus, and sulfur. Robert L. Patrick, Ph. D. '51, formerly with Quantum Inc., is now Director of the Sealing Materials Laboratory of the Continental Can Company. Eugene M. Seidel, A. B. '44, has joined the Chemical Products Division of Crown Zellerbach Corporation, Camas, Washington. Troy E. Hoover, B. S. '50, has returned to the organic section of Miles Laboratories after taking his A. M. at Notre Dame University in 1956. His address is 1319 Ebeling Dr., South Bend 15, Ind. Major Ralph B. Linville, A. M. '30, has retired from active duty at Virginia Military Institute where he was Assistant Professor of Chemistry after service in the Pacific campaign in World War II. The Linvilles live in Lexington, Virginia. Robert J. Hartman, Ph. D. '30, formerly with Kanartex Coatings, is now Professor and Chairman of the Chemistry Department at Georgetown University, Washington, D. C.

Joseph R. Leal, Ph. D. '53, is technical representative in the Washington office of American Cyanamid. Hugh W. Johnston, Ph. D. '48, is now Associate Professor of Chemistry at Whitworth College. Sadhan Basu, who was for two years a postdoctoral associate working with Dean Gucker, has been elected a Fellow of the Royal Institute of Chemistry. Frank E. Dolian, Ph. D. '33, of Commercial Solvents Corporation, New York City, has

recently completed a term of office as National President of the Commercial Chemical Development Association. Anil K. De, postdoctoral associate in Dr. Merritt's group in 1952, has joined Jadavpur University, Calcutta, India, as reader in inorganic chemistry. Nolan B. Sommer, Ph. D. '44, is now assistant to the Executive Vice-President of American Cyanamid in New York City. He was formerly marketing manager of plastics. Arthur C. Diesing, A. M. '56, until recently at Wyandotte Chemicals, is now a research chemist at the organic dye laboratories of Tennessee Eastman, Kingsport, Tennessee. William Samson, B. S. '43, recently visited the Department. He has moved to Indianapolis this year as District Sales Manager for the Union Carbide Chemicals Company. The Samsons have four daughters. Ray. C. Christena, A. M. '51, has joined the Thiokol Chemical Corporation, Trenton, New Jersey. Paul B. Dorain, Ph. D. '54, has left the Wright-Patterson Air Force Base and he has become Assistant Professor of inorganic and physical chemistry at Brandeis University.

We are pleased to note that our alumni are well represented in local ACS section activities; Frank Guthrie, candidate for a doctoral degree, but presently teaching at the Rose Polytechnic Institute, has been elected Chairman of the Wabash Valley Section, and Marshall Mead, P. G. '46-48, Administrative Assistant in the research and development department of National Aniline, was elected Chairman of the Western New York Section. R. M. Boyer, A. M. '48, manager of the laboratories of the University of Kentucky Chemistry Department, was Chairman of the Lexington Section during 1957-58.

Prudence Windsor, news of whose tragic death in an airplane crash Easter Sunday near Midland, Michigan, brought us all a feeling of personal loss, was posthumously awarded a master's degree in chemistry at the Commencement exercises this June. Her parents, Mr. and Mrs. Clarence A. Windsor of Anderson, Indiana, have established a student loan scholarship fund in her memory at

Antioch College where she received the Bachelor of Science degree. Additional gifts from her friends and colleagues will be matched by the Dow Chemical Company where she had been employed approximately three months.

It is with great pride that we call your attention to the illustrious career of one of our alumni--Edgar B. Carter, A. B. '11, who before his retirement was Executive Director of Research and member of the Board of Directors of the Abbott Laboratories, and who still continues to serve as consultant. After graduation he was employed as an analytical and consulting chemist and in 1915 joined the firm of Swan-Myers as Director of its biological laboratories. After that company was merged with Abbott Laboratories in 1931, Mr. Carter served as Director of scientific work; Director, Biological Division; Associate Director of Research; and in other technical and administrative capacities. During his more than 42 years of activity in the pharmaceutical field he has contributed immensely to raising the standards of purity and sterility of drugs.

## Recent Graduates

During 1957-58 twenty-seven bachelors' degrees in chemistry were awarded. Eleven completed the minimum requirements established by the American Chemical Society for training in chemistry. These students were:

Allman, David W., 122 W. Fifth, Peru, Indiana  
Batts, Marion M., R. R. 2, Jamestown, Indiana  
Burck, Kenneth, 253 E. 33rd St., Patterson New Jersey  
Doerr, Edward L., 400 Judith Dr., Dayton, Ohio  
Fenimore, Harold L., 201 N. Celia Ave. Muncie, Ind.  
Hayes, Donald C., R. R. 2, Oakland City, Indiana

Hively, Richard L., R. R. 2, North Liberty,  
Indiana

Lydy, David L., 912 North Joliet,  
Willmington, Ill.

Ragland, Thomas E., Biochemistry Dept.,  
U. California, Berkeley, California

Schmidt, Linde L., 208 W. Fleming,  
Ft. Wayne, Indiana

Sieron, Jerry K., 909 E. Oakside Blvd.,  
South Bend, Ind.

Fleischer, Sidney, 1242 E. 12th, Brook-  
lyn, N. Y.

Goldberg, Stanley I., 48 Garwood Drive,  
Fairborn, Ohio

Lindner, Amelie, 35-51 94th, Jackson  
Hts. 72, N. Y.

Turner, James E., Jr., Roann, Indiana  
Weinstock, Leonard M., 120 Alwood Pl.,  
Clifton, N. J.

White, Jesse E., Dept. of Chemistry,  
Lafayette College, Easton, Pennsylvania

Masters' degrees were awarded to the  
following:

Winter, Donald L., 1628 N. 29, Decatur,  
Indiana

Thomas, Margaret Ann, 329 Cherry Lane,  
Glenside, Pa.

Cross, Sally Bell, 83 Brittin St., Madison,  
N. J.

Heldt, Lloyd A., 1815 E. Michigan,  
Evansville, Ind.

Shely, Benjamin, Bloomfield, Kentucky  
Windsor, Prudence Ann, deceased,  
6 April 1958

Borders, Donald B., 826 20th St., Logans-  
port, Ind.

Reisman, Kenneth, 1478 Walton, Bronx,  
New York

Wongmungskorn, Sungwean, The Vidhyason  
Co., Hualumphong, Bangkok, Thailand

The Ph. D. degree recipients were:

Dieball, Donald E., 3347 Belle Plane,  
Chicago 18, Ill.

Murphy, Ira A., 3307 Hoker St., Midland,  
Michigan

Rogers, William E., Jr., 1217 Pickwick Pl.,  
Indianapolis, Indiana

Van Verth, James E. 2642 Collins Ave.  
Huntington 3, West Va.

Appleton, Burton L., 464 Indianwood Blvd.  
Park Forest, Illinois

Bornmann, John A., Jr., 2307 Fairfax Rd.  
South Charleston, West Va.

Ben Shely, now at Minnesota Mining and  
Manufacturing Company, visited the Department  
recently with his bride on their way to his family  
home in Kentucky. Don Borders was married in  
June. His wife is the former Irene Trunkun. John  
A. Bornmann, Jr., has joined du Pont's photograph-  
ic products research laboratory at Parlin, New  
Jersey, as research chemist. Kenneth Reisman has  
joined the U. S. Industrials Division of National  
Distillers and Chemical Company as chemist in  
research and development at Tuscola, Illinois.  
Sidney Fleischer will begin a postdoctoral appoi-  
ment at the Enzyme Institute, University of  
Wisconsin, in August. George Bulbenko has joined  
the Thiokol Chemical Company, Trenton, New  
Jersey. Robert Conley enjoys his new position with  
the Georgia Kaolin Company in New Jersey. James  
Ferris has begun a postdoctoral appointment at MIT,  
and James Turner has accepted an appointment at  
the Argonne National Laboratory.

Among the graduates in 1958, Donald  
Hayes has joined the Mead, Johnson Company,  
Evansville, Jerry Sieron has returned to the U. S.  
Rubber Company, South Bend, and Linde Schmidt  
has become a chemist at the Monsanto Chemical  
Company. David Lydy will begin graduate work  
at Illinois, and T. Ragland, NSF Fellow, will begin  
his graduate work in California, at Berkeley.

Joanna Dickey  
Editor