NEWS LETTER
ASSOCIATION OF INDIANA UNIVERSITY CHEMISTS
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July 1, 1957
Joanna M. Dickey, Ed.

Association Affairs:

Your invitation to the A.I.U.C. Homecoming to be held Oct. 11 and 12, 1957, is enclosed.

A.I.U.C. Meeting in New York. We will try a new experiment in get-togethers at national meetings this fall with a social hour scheduled for Wednesday, Sept. 11. We hope you will all come and bring your friends, as we had to give a guarantee for this one. We have asked Dr. Joseph Leal, Ph.D.'52, to act as representative in New York.

A.I.U.C. Luncheon in Miami. The Indiana luncheon was held at the Hotel Shelbourne in Miami Beach on Tuesday, April 9, 1957. Thirty-eight members of the A.I.U.C. and their wives attended. A short business session was presided over by President Jack Cook, who appointed a nominating committee to bring in a slate of officers at the New York meeting. This committee consists of Ray Mulholland, M.S.'42, Chairman, W. J. Sparks, M.A.'29, and Walter T. Smith, Ph.D.'46. In addition to the above, the meeting was attended by R. D. Moss, Ph.D.'51, I. Rosen, Ph.D.'51, W. B. Reid, Ph.D.'46, Mr. and Mrs. Daniel W. Seregey, B.S.'49, and John Shanks, B.S.'37. Also, R. D. Lake, Ph.D.'57, R. M. Boyer, M.A.'49, Walter M. Budde, M.A.'47, Joseph A. Davis, Ph.D.'55, J. Robert Spraul, Ph.D.'41, Warren Angrick, John McAnelly, Ph.D.'50, (we were lucky to get him away from his pressing duties as Chairman of the Miami meeting), Marshall Mead, A.B.'42, Art Diesing, M.S.'56, James J. Egan, Ph.D.'50, and J. A. Talmage, Ph.D.'55. Also, Chris Stichler, John Nassetti (Lisselt), James Stephens, A.M.'32, Ed Kenny, M.S.'48, and Bob Lingle, A.B.'19. The following faculty were also present: Dr. Robert B. Fischer, Dr. and Mrs. V. J. Shiner, Jr., Dr. Lynne Merritt, Jr., Dr. Ward B. Schaap, Dr. and Mrs. Charles S. Rohrer, Dr. Harry G. Day, Dr. Ralph E. Byrnes (Fort Wayne Extension), Dr. William H. Nabergall, Dr. John S. Peake, and Dr. and Mrs. E. Campagne.

Under the new rules, a nominating committee is expected to bring in a slate of officers at the fall meeting for the A.I.U.C. election. Your nominating committee mentioned in the previous section, will be very happy to receive your nominations for president and for secretary-treasurer. Please be sure they are in the hands of the nominating committee before the fall meeting, which begins Sept. 9. The address of the committee chairman, Dr. R. A. Mulholland, is Callery Chemical Co., Callery, Pennsylvania.

The A.I.U.C. Scholarship Fund. In the last newsletter, I indicated that 63 people had contributed the total sum of $566.66. Since then we have picked up at least four more donors, who have contributed $47. Remember, this is a tax deductible contribution, so plan to reduce your income tax next year by marking your contribution to the Alumni Association for the A.I.U.C. Scholarship Fund. Your annual $1.00 dues would also be appreciated, as this mailing depletes the treasury.

E. Campagne

News of the Department

The Alfred P. Sloan Foundation, Inc., has given V. J. Shiner, Jr., a grant of $1,000, and it has renewed the grant of $5,000 to Harrison Shull. Dr. Shiner will use this support to strengthen research in the study of the rates and mechanisms of chemical reactions, and Dr. Shull's support will contribute to his program of mathematical analysis concerning the nature of simple atoms and molecules. The AEC has recently renewed a research contract directed jointly by Ward B. Schaap and
The title of the project is "Electrochemical Research in Amine Solvents."

The support of research through grants and fellowships to the Department continues to increase. One special new fellowship this year has been provided by the Eastman Kodak Company. Another special grant is the $8,200 given by the National Science Foundation which will aid in the purchase of a new mass spectrometer.

Dick van der Helm, from the University of Amsterdam, Stanley Hagstrom, from Iowa State College, and Eion McRae, from Florida State University, are the most recent additions to our postdoctoral program. Dr. van der Helm is working under Dr. Merritt and Dr. Hagstrom and Dr. McRae are in Dr. Shull's research group. Eleven other men are doing postdoctoral work in the Department.

J. C. Mahler, C. S. Rohrer, and E. Campagne have recently written a textbook, Introduction to Chemistry, which was published by Prentice-Hall in April. Also, Heath and Company have published College Chemistry by Neil Nebergall and F. C. Schmidt and Basic Laboratory Studies in College Chemistry by W. Hered (Calumet Center) and Neil Nebergall.

The Department has held an interesting series of colloquia and seminars during the past four months. Guest speakers were: Sheldon Datz, Oak Ridge National Laboratory, who spoke on "Investigations in Chemical Kinetics by Means of Atomic Beams"; Richard E. Turner, Rice Institute, on "Heats of Catalytic Hydrogenation in Solution"; I. Maxwell Robinson, du Pont Polychemicals Department, on "A New Development in Chemistry: Stereospecific Synthesis Using Coordination Catalysts"; Andre de Bethune, Boston College Department of Chemistry, on "The Operational Significance of the Latimer-Pitzer-Slansky Absolute Electrode Potential"; John F. Taylor, University of Louisville Medical School, on "Chemistry of Hemoglobin"; H. E. Burkett, DePauw University, on "The Mechanism of Aromatic Decarboxylation Reactions"; Kenneth W. Hedberg, Oregon State College Chemistry Department, on "Electron Diffraction"; Warren K. Lowen, du Pont de Nemours and Co., on "The Contribution of the Analytical Chemist to the Development of a New Class of Herbicides"; and Fritz Arndt, University of Hamburg, on "Contributions to the Theory of Aromaticity."

John S. Peake, Ph.D. '35, is leaving the Department to join Minnesota Mining and Manufacturing Company of St. Paul to carry on research in inorganic chemistry. John has been a member of the chemistry faculty since 1947. He helped to organize AUC and served as its Secretary-Treasurer and Newsletter Editor from its beginning until 1953. We shall all miss him very much, and we wish him good fortune and happiness in his new work.

News of the Alumni

L. L. Gilbertson, Ph.D. '40, Director of Murray Hill Laboratories of the Air Reduction Company, visited the Department in April and spoke at a chemistry colloquium on "Organization and Administration of Industrial Research." Richard J. Baird, A.B. '56, (2nd Lt., U.S. Army Chemical Corps) is now stationed at the U.S. Army Chemical Depot, Landes de Bussac, France, where he is Surveillance Officer. His work mainly consists of periodic surveys of the depot stock to determine its serviceability. Before he entered the Army he engaged in research on plastic foams at Arvin Industries of Columbus, Indiana. The Bairds have a daughter, Cheryl Lynne, born June 17, 1956. Ramon F. Rohrs, A.B. '51, completed work for the Ph.D. at Michigan State University in 1955. He and his wife and two children are now happily settled in Midland, Michigan, where he is employed by the Dow Chemical Company. His address is 1004 Lane Street.

Don F. Cameron, A.B. '07, (M.D. '13, Johns Hopkins University), spent the past winter in St. Petersburg, Florida. His home is in Angola, Indiana. William J. Sparks, M.S. '29, Director of the Chemicals Research Division of Eso Research and Engineering Company, has been appointed to the new position of scientific advisor. His responsibilities will include surveys of scientific activities in industry, government, universities, research institutes and professional societies. He will recommend research projects and other courses of action applicable to the work of the company. Bernard Buchner, Ph.D. '56, has joined the American Agricultural
Chemical Company, Carteret, New Jersey, as organic research chemist. James Reoley, Ph.D., is chief engineer at the du Pont Orlon plant. His address is Box 395, Grifton, North Carolina.

Harold K. White, Ph.D., has been promoted to Professor of Chemistry at Hanover College, Hanover, Indiana. Chester A. Amick, A.M., American Cyanamid Company, is one of three chemists who have been honored as "Chemist of the Year" by the New Jersey Chapter of the American Institute of Chemists for their work in behalf of New Jersey's six state teachers' colleges. He was chairman of a three-man committee of the Institute whose public education program for better facilities for training science teachers played a major part in inducing the electorate to approve a bond issue of $15 million, part of which has been used to construct the new science building at Montclair State Teachers College. Frank F. Gey, B.S., has brought us up to date on his peregrinations since he left I.U. He received the Ph.D. from the University of California in 1951. He then spent two years in the research laboratory of California Spray Chemical Corp. In 1953 he joined du Pont's Film Department at the Buffalo Laboratory and in 1955 was transferred to the new laboratory in Wilmington at the Experimental Station. Early this year he was appointed Staff Scientist. His present address is 22 Clifton Park Drive, Apt. 9, Wilmington 2, Delaware.

At a special dinner during the recent Commencement festivities the local chapter of Alpha Chi Sigma honored James N. Currie, A.B., A.M., of Montpelier, Vermont. Dr. Currie was given an honorary degree at the time of the dedication of the E.U. Chemistry Building in 1931. At the University of Wisconsin he studied cheese molds and discovered the process for producing-citric acid by fermentation which he developed at the Chas. Pfizer Company. Howe Abbott, A.B., assistant testing engineer for the City of Indianapolis, was also here for the dinner. He recalled that during his college years he was the entire chemistry stockroom force and janitor of the Department.

The Association extends sympathy to Leo L. Carrick, Ph.D., whose wife, Olive Littlejohn Carrick, passed away in April at Parlin, Iowa. Dr. Carrick has been Professor of Chemistry and Metallurgical Engineering at the University of Michigan since 1915. He was the first recipient of the Ph.D. degree in Chemistry from Indiana University.

The following are some of the alumni who have visited the Department recently: Marvin Bothwell, Ph.D., Dow Chemical Company, Midland, Michigan; Irving Rosen, Ph.D., Diamond Alkali Company, Painesville, Ohio; William J. Wittig, A.B., Haynes Steelite Company, Kokomo, Indiana; Robert Docegul, Ph.D., Paris, France; V. L. Miller, A.M., Pittsburgh Corning Corp., Port Allegheny, Pennsylvania; J. E. Hatfield, A.B., Greensburg, Indiana; H. Lyle Aamoth, B.S., Dow Chemical Company, Bay City, Michigan; Lyman R. Caswell, A.M., Department of Chemistry, Upper Iowa University, Fayette, Iowa; A. M. Borders, Ph.D., Minneapolis Mining and Manufacturing Company, St. Paul, Minnesota; Chester Davis, A.B., Newport, Kentucky; Mr. and Mrs. Frederick Jacoby, A.M., Eastman Kodak Company, Rochester, New York; Rod Moss, Dow Chemical Company, Midland, Michigan; William Creek, A.B., Chas. Pfizer and Sons, Indianapolis representative; Cecil O. Gamble, A.M., Wabash, Indiana, retired teacher and principal, was here for Commencement. Donald Dieball, who expects to complete work for the Ph.D. in September, is supervisor of the Analytical and Physical Testing Laboratories at the Visking Corporation. His address is 3147 West Belle Plaine Ave., Chicago 18, Illinois. Harold J. Blumenthal, B.S., is Assistant Professor of Bacteriology in the Department of Bacteriology, University of Michigan Medical School. The Blumenthals have two sons—Robert, 5, and Steven, 2. Their address is 1245 Cereal Crescent, Ann Arbor, Michigan.
Recent Graduates

The following have started work in industrial fields after having received Bachelor degrees this June: Larry Ballard at Dow Chemical Company; Standiford Cox at Eli Lilly and Company; Allan Fish at Eli Lilly and Company; Guenther Lengnick at Olin-Mathieson Chemical Company; Esther Khongkhakul at G. D. Searle and Company; and Elizabeth Posey at Brulinn and Company. Those who are going to graduate school include Jerry Current at the University of Washington (after six months of military service); John Hedge at University of Illinois; Helen Mathews at UCLA; Robert Dillard at I.U. for master's degree (at Lubrizol Corporation for the summer); William Purcell at Princeton University; Odell Raper at California Institute of Technology (as National Science Foundation Fellow); and William Wright at DePauw University. Some will enter medical school or continue in that work. They are: Robert Ashby at I.U., David Talario at I.U., William Wilson at I.U., and David Hammond at Washington U.

Ron Watson will enter the dental school at I.U. Military Service will claim a few -they include Randall Bryant, Herschel Krusken, Stanley Stringer, and Ronald Wagner. Others about whose plans we have no definite information as yet are Roy Imboden, William Kasper, Thomas McNeel, Patrick Mitchell, George Stockey, Helen Viney, Thomas Beck, Richard Bellison, David Heins, and Stanley Terry.

Only nine students have received Ph.D. degrees since June 1956. Four took postdoctoral research appointments, two accepted teaching positions, and three became industrial chemists. H. F. Cheng went to the McArdle Memorial Institute at the University of Wisconsin, J. Horowitz went to the College of Physicians and Surgeons of Columbia University, and A. C. Lietze took a research position at the Science Research Institute of Oregon State College. All three majored in biological chemistry and Dr. Haurowitz directed their research. R. D. Lake and Henry Moe majored in organic chemistry. The former did his work under Dr. Campagne's direction and he went to Northwestern University to obtain his postdoctoral training. The latter was directed by Dr. Kaslow and he went to the Mellon Institute in Pittsburgh to help solve industrial research problems. R. W. Neithamer worked under the direction of Dr. Peako, thus his major was in inorganic chemistry. Unlike most recent graduates he took a teaching job. This was at Lebanon Valley College, Annville, Pennsylvania. M. T. Shinn, a native of Seoul, Korea, completed his work in physical chemistry under the direction of Dr. Moore. He returned to the Chosun Christian University to teach chemistry. M. C. Harvey and C. E. Ring received their degrees last September. Mack is with the Shell Oil Company at Corpus Christi, Texas and Charlie went to the Minnesota Mining and Manufacturing Company at St. Paul, Minnesota. Mack worked under the direction of Dr. Nebel and Charlie was directed by Dr. Fischer.

The number who will probably receive degrees within the next 12 month period probably will be a little larger. Those who have recently completed their research problems and plan to submit their theses this year include Stanley Goldberg, Dana Mayo, Dr. Murphy, S. Osborn, Cecil Upton and C. Wasnuth. Stanley, Dana, Steve, Cecil, and Carl have already left the Department. S.G. is a research chemist at the Standard Oil laboratories, Whiting, Indiana; Dana is on duty with the Air Force at Dayton, Ohio; Steve is in the research laboratories of the Monsanto Chemical Company at St. Louis; Cecil is a member of the research department of the Armstrong Cork Company at Lancaster, Pennsylvania, and Carl went to Chicago to write his thesis.

DON'T FORGET THE REUNION ON OCTOBER 11 AND 12.
Dear Fellow Indiana University Chemist:

May we request the pleasure of your company at Homecoming? As you will recall from the last Alumni Newsletter, a committee has been actively at work planning an A.I.U.C. Homecoming on Oct. 11 and 12, 1957. The program has begun to jell, and in this same mailing you will find a return postcard which may be used to tell us whether or not you expect to attend the meeting. Please return the postcard whether you are planning to come to the meeting or not, as it will also serve to tell us whether your address is correct in our file. We are looking forward to a good program, and have arrangements to see one of the best football games of this 1957 program. This fall we unveil the new "Side-Saddle" football formation with Coach Phil Dickens, formerly of Wyoming. This should be a good excuse for many of you alumni who live at some distance to see the rejuvenated football fortunes of Indiana University.

We have lined up a technical program which we think will be of great interest to all chemists, but particularly those associated with Indiana University. The Tentative program is as follows:

Friday, Oct. 11--2:00 p.m.--Chem. 209--Future Training of the Professional Chemist

Chairman: Dean H. T. Briscoe

Speakers: Chester Alter, '28, Chancellor of the University of Denver, on the academic viewpoint
Dr. A. L. Borders, '37, on the industrial viewpoint

6:15 p.m.--Dinner in ABCD room, Union Building

8:00 p.m.--ABCD room, Union Building, panel discussion

Moderator: Dr. Jack Cook, '44, DePauw University representing the committee on Professional training
Dr. Hershel Gros, '51, Marietta College, representing the small college
Dr. Wendell P. Metzner, '33, Monsanto Chemical Co., representing the industrial viewpoint
Dr. F. T. Gucker, Dean, College of Arts and Sciences, Indiana University

In addition, we expect Professor Alter and Dr. Borders to serve on this panel. The subject of the panel discussion probably will be, "Should Future Training of Chemists Be Liberalized?"
Saturday, Oct. 12—9:00-11:00 a.m.—Open house in the Chemistry Department

1:30 p.m.—Football game—Iowa vs. Indiana

6:15 p.m.—Dinner in the ABCD room. At this time we hope to have some discussion of the future of chemistry at Indiana University.

We have managed to get a small block of good seats for the football game, and I shall be glad to reserve these for A.I.U.C. members on a first-asked, first-serve basis. The tickets sell for $4.00 each, and I have been told they will be inside the 20-yard line. If you wish tickets in this A.I.U.C. block, please let me know on the postcard. You can pay me at the time you pick up the tickets.

Since it is regular Homecoming time, housing will be at a premium. I suggest you make your own housing reservations, using the list of motels at the bottom of this letter. However, we will be glad to help you out in this matter if you will so indicate on the postcard.

We shall look forward to seeing a lot of you on Oct. 11 and 12.

Sincerely yours,

E. Campagine

E. Campagine, Secretary-Treasurer
A.I.U.C.

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University Hotel, Inc.
State Road 37, North
Phone 2-3351

Van Orman Gram Hotel
205 North College Avenue
Phone 2-2111

Shady Acres Motel
1400 North Walnut
Phone 2-1752

Stonycrest Motel
1300 North Walnut
Phone 2-3163

Twin Lakes Motel
Bloomfield Road
Phone 9303

Lomalinda Motel
on the Lake Road
Phone 2-0920