

August 21, 1953

Dear A.I.U.C. Members:

Summer is rapidly drawing to a close with the consequent approach of the beginning of the regular school year and the A.C.S. Fall Meeting. It also brings the annual business of electing new officers for your association.

First with regard to the A.C.S. meeting, we are scheduled for our regular luncheon meeting of the Association on Tuesday, September 8, at 12:15 P.M. The luncheon is to be held in the Washington Room of the Congress Hotel. Chicago and the midwest area have many I. U. alumni, so we should have a good turn-out for the luncheon meeting.

We wish at this time to extend our thanks to those of our members who have sent us news for our letter. We wish also to thank those who have supported our efforts financially. The news sent in by our alumni will be found in the next section of this letter.

As to the business at hand, we need to elect new officers for the coming fiscal year which begins with the beginning of the regular school fall term. President Wilmer T. Rinehart will serve up to that time. Dr. Day has made his nominations in accordance with the constitution adopted by the membership. They are as follows:

President - Nolan Sommer  
Secretary-Treasurer - E. E. Campaigne

We are enclosing ballot cards which we wish you to return to us as promptly as possible. Please vote for a candidate for each office by placing a check in the proper box. The blank line under the name of each of the candidates proposed by Dr. Day is to permit you to vote for a candidate of your own choice. The space under the ballot is for you to use in sending us some news about yourself or fellow alumni.

Sincerely yours,

John S. Peake  
Secretary-Treasurer

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## News of the Department of Chemistry

The members of the Departments of Chemistry at Purdue University and Indiana University held a joint seminar and social gathering on the Bloomington campus May 9, 1953. Following the technical sessions a picnic for the members of both departments and their families took place at Cascade Park. It was agreed that this should be a beginning of such exchanges to be arranged on an annual basis.

A new member has been added to the staff of the Department of Chemistry. Dr. Marvin Carmack has come to Indiana University as a professor of chemistry. He was formerly a professor at the University of Pennsylvania. Dr. Carmack's field is organic chemistry with a major interest in the chemistry of drugs and natural products.

The major event of the year as regards activities of the Department of Chemistry is the Conference on Coordination Compounds to begin on August 18, 1953. The co-chairmen for the Conference are Dr. L. L. Merritt and Dr. Ward B. Schaap. Chemists from the U. S. and foreign countries are to attend this Conference.

Dr. Day, Chairman of the Department of Chemistry, was speaker before the Cornell College Chemistry Alumni Group on June 6, 1953. Dr. Day was initiated into the Cornell College Chapter of Phi Beta Kappa.

On May 14, 1953, Dr. Felix Haurowitz spoke on "Use of Isotopes in Biochemistry" at a convocation at the West Virginia Institute of Technology at Montgomery, West Virginia.

During the 1952-53 academic year the Department of Chemistry granted 36 bachelor's degrees, 5 master's degrees and 23 Ph.D. degrees. In addition to these there were 26 other A.B. degrees granted to students who elect chemistry as the major subject in their concentration group, but these degrees do not carry certification by the ACS.

The Indiana Chemical Society is to meet at Bloomington on October 17, 1953. This is an organization of members of the American Chemical Society residing in the state who meet to discuss topics of timely interest and of importance to the profession.

The E. I. duPont de Nemours Company has increased its support of graduate work in chemistry at I. U. by establishing grant for an advanced graduate student who has shown outstanding teaching ability and is interested in teaching as a profession. This grant gives the student a liberal stipend for the last year of his work for the Ph.D. degree. This grant is in addition to the duPont Research Fellowship which the company has maintained for some years. The first recipient of a teaching associateship under this new grant is Paul Dorain.

Indiana University has established several special teaching assistantships to be awarded to outstanding assistants during their last year of graduate study. Three of these special assistantships were awarded for the forthcoming school year. The recipients are James Tolgmann, John Efimenko and Burton L. Appelbaum.

The recipient of the duPont Research Fellowship for the coming year is Jack P. Young.

The Department of Chemistry and the student body had the opportunity to hear speakers present a variety of topics in their fields of specialization. The Southern Indiana Section of the ACS holds regular monthly meetings during the school year. During this calendar year we were privileged to hear the following lectures:

- Dr. George Wald - "Some Chemical Aspects of Vision"
- Dr. Brian Mason - "Some Aspects of Geochemistry"
- Dr. W. N. Lipscomb - "Studies of Single Crystals at Low Temperatures"
- Dr. Wm. Shive - "The Biological Significances of Antimelabolites"
- Dr. R. O. Sauer - "Organic Silicon Chemistry"

In addition to local section meetings of the ACS the Department of Chemistry has had speakers for colloquia. So far this calendar year we have had lectures by:

- Dr. Harold C. Urey - "Applications of Chemistry to Considerations of the Origin of the Earth"
- Dr. Robert Gomer - "Experiments with the Field Emission Microscope"
- Mr. Dean Laurence - "Chemical Patents"
- Dr. Russel Bell - "Some Industrial Applications of the Polarizing Microscope"
- Dr. Edmund Kornfeld - "Contributions of Structural Chemical Studies in the Field of Antibiotics"
- Dr. Michael Szwarc - "Bond Dissociation Energies and their Significances for Chemistry"
- Dr. Andre Guinier - "Some New X-Ray Techniques"

We understand through news Bob Treadway has sent us that Julius M. Coon has left his former position with the Atomic Energy Commission at the University of Chicago and has joined the Pharmacology Department of the Jefferson Medical College in Philadelphia.

J. H. Young, Ph.D.; '38, is working in the X-Ray Spectrographic Laboratory of Anaconda Wire and Cable Co. in Marion, Indiana. Some of the x-ray diffraction work he does is at very low temperatures.

LeRoy Dugan, B.S., '37, came by the Department of Chemistry on his vacation late this spring. He is doing research work on products obtainable from animal fats.

Zenon Szatrowski, A.M., '37, informs us that he is teaching a course in Statistical Methods for Chemists at the University of Buffalo. The course deals with some of the basic statistical methods of use to the chemist in research and industrial problems. He reports active interest in this field on the part of chemists in the Buffalo area.

John S. McAnally, Ph.D., '50, writes that he is teaching biochemistry in the new University of Miami Medical School. The McAnally's have two children, Mac came through Bloomington very recently and told us about how well he enjoys living in Miami.

Donald J. Cook, Ph.D., '44, is an associate professor at DePauw University and has been working at Purdue on a Navy Post-Doctorate Fellowship during his sabbatical leave.

Joe E. Weber, Ph.D., '39, who is a professor of organic chemistry at Bowling Green State University in Bowling Green, Ohio reports that he hopes to fly to Bloomington in his Ercoupe N99910 in the near future.

Dale J. Fisher, Ph.D., '51, is still at Oak Ridge, Tennessee.

Saul A. Schepartz, A.B., '51, has now received his M.S. at the U. of Wisconsin and is continuing toward a Ph.D. in the field of fermentation biochemistry under the direction of Professor Marvin J. Johnson. He was awarded a Predoctoral Fellowship last December by the U.S. Public Health Service.

Stanley L. Eisler, A.B., '33, reports that he is now Supervisor of the Radiochemistry Section of the Rock Island Arsenal Laboratory in Rock Island, Illinois. He also led a discussion on Plating and Corrosion Studies at the Oak Ridge Institute of Nuclear Studies.

Mary Helen (Merriam) Stewart, A.M., '46, reports that since she is absorbed in family life and activities in Postville, Iowa, she has little time "to pine for any good old days in the laboratory". She enjoys the life in a small town, though she is cut off from the current activity in the field of chemistry.

Marshall Mead, P.G. '46 reports the birth of their third daughter, Margaret Ellen, on January 25, 1953. He has recently been promoted and transferred from the research department to the production department and will be transferred to the Columbus, Mississippi plant.

He has been elected chairman of the Analytical Group of the Western New York Section of the A.C.S.

The alumnus and member of our Association who has been making the largest headlines of late is William J. Sparks, A.B., '26 and A.M., '28. The latest News Edition which has just arrived has his picture on the cover. Bill Sparks has, as you may read in this August 17 issue received several outstanding awards during this year. We cannot improve on this write-up and recommend it to your attention. We heartily congratulate Dr. Sparks on his achievements. We might add that Mrs. Sparks is a graduate of our department and a former president of A.I.U.C.

In a visit to Midland, Michigan this summer Dr. Day saw several of our alumni. At the Dow-Corning Corporation he saw Mina Lou Smith, B.S., '52 and Don Strahm, B.S., '50 who are employed in the control laboratories of the company.

At the Dow Chemical Company he saw Marvin Bothwell, Ph.D., '52, B.B. Hibbard, Ph.D., '52 and Rodney Moss, Ph.D., '52.

Dr. Walter Moore of this department told your secretary of having met Marvin Bothwell at a Gordon Research Conference on the theoretical aspects of corrosion in New London, New Hampshire. They spent some time talking about Indiana and did some mountain climbing together.

Chester M. Alter, A.M., '28, who recently has been Dean of the Graduate School of Boston University has been made Chancellor of the University of Denver.

Herschel Gene Grose, Ph.D., '51, who has been with DuPont in Waynesboro, Virginia has joined the faculty of Marietta College in Marietta, Ohio.

John H. Sicks, A.B., '27, came by the department recently. He has been associated with Mrs. Tucker's Foods.

John F. Deupree, Ph.D., '36 came by to see us last week. John is still teaching organic chemistry at the University of Detroit. He also is the business manager for the department at U. of D.

Howard Dess, B.S., '51, and W. W. Cleland who took a year of graduate work in this department and who is the son of Dean R. E. Cleland of the Graduate School have both been awarded National Science Foundation Fellowships for graduate study in chemistry and in biochemistry, respectively, for the coming school year.

Charles Weber, Ph.D., '53, has taken a position at the Oak Ridge National Laboratories in Oak Ridge, Tennessee.

The last A.I.U.C. Luncheon was held in Los Angeles on March 17, 1953 at the Statler Hotel. President Rinehart presided and acquainted the group with some of the statistics regarding the phenomenal growth and the great opportunities within the Los Angeles area. The luncheon was attended by the following:

Dean and Mrs. Frank T. Gucker, Jr. - Indiana University

Harry G. Day - Chairman of the Department of Chemistry

John Suttle - University of New Mexico

George J. Doyle - University of California, Berkeley

Harold Zeiss - Yale University

Frank P. Gay - Berkeley, California

E. A. Autrey - Pasadena, California

G. W. Leonard - Manhattan, Kansas

Robert J. Lee - Pan American Refining Corp., Texas City, Texas

W. T. Rinehart - Whittier, California

Raymond E. Boucher - Indianapolis, Indiana

W. H. Nebergall - Indiana University

L. L. Merritt, Jr. - Indiana University

John S. Peake - Indiana University

R. H. Walsh - Graduate Student Indiana University

Robert E. Anderson, M.A., '50 who is in the Physical Research Laboratory of the Dow Chemical Co. presented a paper at the Gordon Research Conference on Ion Exchange. Bob came by to see us a couple of months ago.

Norman P. Swecny, M.A., '51 also of the Dow Chemical Co. was our guest over the week-end early this month. Norman is working in the Electrochemicals Department doing development work.

Alfred B. Zimmerman who completed his research with us last fall is located in the laboratories of the Shell Oil Co. at Wood River, Illinois. He is working on the compounds formed during the corrosion of petroleum stills.

*Campargue*