NEWSLETTER

Indiana University
Association of Chemists

 Architects' drawing of future Chemistry Building Addition
NEWSLETTER
ASSOCIATION OF INDIANA UNIVERSITY CHEMISTS
Bloomington, Indiana
August, 1961
Vol. IX, No. 2
Association News

Meetings
Two luncheon meetings of the AIUC were held
during the National ACS meetings in St. Louis, on
March 23 and on March 28. Wendell P. Metzner
presided, and about 20 alumni and faculty members
were present on each occasion. The Association
will have a Social Hour at the National ACS meetings
in Chicago Tuesday, September 5, at 5:30 p.m. in
Parlor D of the LaSalle Hotel. At that time an elec-
tion of officers for the coming year will be held. We
look forward to seeing you there.

Treasurer's Report for 1960-61
Balance on hand at the start of year.......... $190.66
   (late summer, 1960)
Receipts of dues and funds designated for
   "dues and Scholarship Fund"
   ($19.00 of this earmarked for Scholarship. ... 233.50
Total..... $424.16

Expenditures:
Bank service charge.......................... 3.62
Triennial reunion expense in excess of receipts 36.15
Fall 1960 Newsletter (Mimeo only)............. 26.79
Spring 1961 Newsletter (Lithoprinting)........ 92.44
   Total.....$159.00

Balance as of July 22, 1961....................$265.16
   (R. B. Fischer, Secretary-Treasurer)

The funds sent directly to the I. U. Foundation Of-
Ice for the AIUC Scholarship Fund have totalled over
$100 and are not included in the above total. Any ex-
cess in the general fund will be periodically trans-
ferred to the Scholarship Fund. The I. U. Foundation re-
ports that the Fund now amounts to about $600. Approx-
imately $1000 will be added in August. It is hoped that
the Fund will continue to grow so that more and more
scholarships can be awarded to students with promise who greatly need financial support. Checks for dues and/or contributions to the Fund may be made out to the Association of Indiana University Chemists and sent to Robert B. Fischer, Chemistry Department, Indiana University. One alumnus generously gave the Association $500 to be used for loans to qualified chemistry students. This Fund is being augmented from other sources.

Our genial Hoosier president received his A.B. degree, "With Distinction", on 12 June 1933 after majoring in organic chemistry, and four years later the University of Chicago awarded him the Ph.D. degree. Although jobs were not plentiful in those days the Monsanto Chemical Company promptly decided he should belong to that organization. The decision was mutual, and the arrangement has continued without interruption since that time. From 1937 to 1940 he was listed as research chemist. During the next seven years he was a research group leader. Then from 1947 to 1959 he was an associate director of research. Since 1959 he has been the Administrative Director of the Research Center. It looks as if he will stay with the Company.

Wendell's work as an organic chemist has included studies of rubber chemicals, detergents, intermediates and thermoplastic materials, and uracil derivatives.

As a student at Indiana University, Wendell had
a fair share of extracurricular activities, which included three years in the band. Even so he made 77 hours of A! It may be added that his daughter, Barbara, is making an even more enviable record at I. U. Unfortunately she is not majoring in chemistry.

When he was recommended for graduate work in 1933, the letters stated that he "is capable, industrious, dependable and likable". How true indeed! So the folks in Bryant, Indiana, where he was born forty-nine years ago, have reason to be proud, but not in any greater degree than all of us who have known him only since he became an I. U. graduate.

News of the Department

The 17th National Organic Symposium, sponsored by the Division of Organic Chemistry, was held June 25 to 29. The Southern Indiana Section of the American Chemical Society and the Chemistry Department at Indiana University acted as host. The Symposium was attended by approximately 1,000 Organic Chemists from all over the world. There were 12 major papers. It was highlighted by the presentation of the Roger Adams Medal and $5000 prize to R. B. Woodward of Harvard University for his outstanding contributions in the synthesis of natural products. Woodward presented a discussion of his work in the synthesis of chlorophyll, his latest triumph.

In addition to the technical sessions, the attendees at the Symposium were entertained by a reception on the President's lawn and an organ recital in the University Auditorium by Professor Oswald Ragatz of Indiana University. Visiting ladies were entertained by a program in the Union Building, consisting of a tour of the new Indiana Union and a tea in the University Club. A special exhibit was ar-
ranged at the Lilly Library which highlighted the scientific books held in that collection.

The local committees in charge were E. Campagne and V. J. Shiner, Jr., Co-Chairmen of general arrangements, Walter Meyer and members of Phi. Lambda Upsilon, local arrangements, C. E. Kaslow and William H. Nebergall, transportation, Mrs. E. Campagne, Miss Joanna Dickey, Mrs. C. E. Kaslow, and Mrs. V. J. Shiner, Ladies' Program.

Next year there will again be a Special Summer Symposium at Indiana University. The Division of Inorganic Chemistry of the American Chemical Society will meet July 9 to 11, 1962, on the Bloomington campus for a symposium on Inorganic Reactions under Unusual Conditions. We look forward to welcoming some of our alumni back for that occasion.

Turning to news of the faculty, Dr. Carmack and his family returned from his year's stay in Australia in June, and the Schaaps have returned from the University of California at Berkeley where he spent his sabbatical leave. Dr. Schaeffer attended the Symposium on Inorganic Polymers at the University of Nottingham, England, in July. He will be away from the campus for a year's leave beginning in October and plans to spend the first six months at the Weisemann Institute in Rehoveth, Israel. Dean Gucker has gone to Dubrovnik, Yugoslavia, as an invited delegate to the annual meeting of the International Seminar on Higher Education. While in Yugoslavia he expects to visit several of the universities in that country. Dr. Haurowitz made a trip to England and Germany in April to be guest speaker at the National Institute of Medical Research in Mill Hill, London, and at the University of Cambridge and to attend the annual meeting of the German Mikrobiologische Gesellschaft where he was invited to deliver an address on antibody formation. Dr. Schmidt received a high honor on the occasion of
the Indiana University Founders Day ceremony, May 3. He was given the Indiana University Foundation Award for Distinguished Teaching.

Dr. Ernest Wenkert has been appointed professor of chemistry effective in September, 1961, but during the first semester he will be on leave to serve as Visiting Professor at the University of California (Berkeley). He received his B.S. degree at the University of Washington, in 1943 and his Ph.D. degree at Harvard University in 1951. During the past ten years he has been at Iowa State University. This year his research group will include eight or nine postdoctoral workers and eight graduate students. All of the work will be concerned with the chemistry of natural products. Clearly this will contribute to our space problems, but we continue to find ways to expand within the present space. Through the combined work of Dr. Wenkert, Dr. Carmack and Dr. Meyer, and other faculty members who collaborate in their programs, a great amount of progress should be achieved in research on natural products.

Planning for the new addition to the Chemistry Building is nearing its final stages, and the Department is gearing itself for the start of construction. The bids for the contracts are to be opened August 24. Some of the rooms in the southwest section of the present building, which will be converted into passages to the addition, are being readied for vacating, and others, in which windows will be eliminated by the joining on of the new structure, have been equipped with ventilating facilities. The stockroom is getting organized to maintain service in the face of considerable rearrangement and dispersal of stock equipment and chemicals. The whole Department is probably in for a period of noise, confusion, and crowding when the riveters and airhammer boys really get started. But we intend to carry on "business as usual", and are all looking forward
with great enthusiasm to the time when the new addition is a reality. If you have any rich uncles who are looking for a worthy cause to contribute money to, do send them around. We still lack funds to complete the whole job.

The Chemistry Library has been attracting an unusually large number of users this summer, and they work hour after hour without cessation. Since last August it has been airconditioned—and what an advantage! At present there are 22 separate air-conditioning units in the Chemistry Department!

Equipment for the production of liquid nitrogen is being installed. Our needs for this material are large and show no signs of decreasing.

Room 129 is being remodeled to provide research space for a major part of the group to be associated with Dr. Wenkert. The remodeling of research laboratories on the fourth floor has been completed, but the conversion of the corridor space to laboratory and office use will not be finished before October or November.

Approximately 30 graduate students and 16 post-doctoral associates will come to the Department this fall.

Alumni News

It was a pleasure to see so many of our alumni in Bloomington for the Organic Symposium in June. The following were here to attend the meetings: R. Clifford Bourgeois (PhD'51), Sterling-Winthrop Research Institute, Rensselaer, New York; Bryce Douglas (Postdoc.'53-'56), Smith, Kline and French Laboratories, Philadelphia, Pennsylvania; Dana Mayo (PhD'59), Massachusetts Institute of Technology; James P. Ferris (PhD'58), Florida State University, Tallahassee; Richard Shaw (PhD'60), Union
Carbide Chemicals Company; Glenn A. Berchtold (PhD'59), Massachusetts Institute of Technology; Leonard M. Weinstock (PhD'58), Merck and Company; William E. Bacon (MA'50), Lubrizol Corporation, Cleveland, Ohio; Robert M. Summers (PhD'55) General Electric Company, Pittsfield, Massachusetts; Robert H. Baker, Jr. (PhD'61), Department of Chemistry, University of Wisconsin; Carl Verbanic (PhD'56), Hooker Electrochemical Corporation, Niagara Falls, New York; Samuel M. Berkowitz, Toni Company, Chicago; Ray C. Christena (PhD'51) Thiokol Chemical Corporation, Trenton, New Jersey; Gerald L. Brennan ('58-'60), E.I. duPont de Nemours Explosives Department, Gibbstown, New Jersey; Fred W. Neumann (PhD'44), Dow Chemical Company, Midland, Michigan; Charles R. Russell (PhD'46), Northern Regional Research Laboratories, Peoria, Illinois; William Hodes (PhD'52), American Standard, Union, New Jersey; George F. Bulbenko (PhD'58), Thiokol Chemical Corporation, Trenton, New Jersey; Ted J. Logan (AB'53), Procter and Gamble Company, Cincinnati, Ohio; Stanley Goldberg (PhD'58), University of South Carolina, Columbia; William LeSuer (PhD'48), Lubrizol Corporation, Cleveland, Ohio; Henry Moe (PhD'57), Oregon State College, Corvallis, Oregon; Brown Murr (PhD'61) Massachusetts Institute of Technology; Robert Ake (AB'60), Harvard University; James Schlatter (MA'54) G.D. Searle and Company, Chicago; James E. Van Werth (PhD'57), Monsanto Chemical Corporation, Nitro, West Virginia; and G. Robert Collins (advanced graduate student), Dow Chemical Company, Midland, Michigan.

There are new addresses for several alumni. Robert J. Lewis (AB'33) is a physician in Indianapolis; his address is 5800 Lawrence Dr., Brendonwood, Indianapolis. Jack H. Stocker (MA'47) is
associate Professor of Chemistry at Louisiana State University, Lake Front, New Orleans 22, Louisiana. Robert H. Gillespie (BS'38), 15 Fuller Dr., Madison 4, Wisconsin. Jerry L. Compton (AB'58) attended pharmacy college at Butler University and is now doing research work in physiologically active chemicals in the Synthetic Organic Chemistry Department of Mead Johnson and Company; his address is 4619 New Harmony Rd., Evansville, Indiana. William E. Kreighbaum (PhD'60) has lately also joined the Synthetic Organic Chemistry Department at Mead Johnson after a year's postdoctoral research here with Dr. Campagne. William F. Mivelaz, Jr. (MA'56) is associate research chemist with the Portland Cement Association, Skokie, Illinois.

It is always a pleasure to hear from alumni—even the shortest communications are very welcome. Here are the names and addresses of some we have heard from: L. I. Gilbertson (PhD'40), Administrative Director, Air Reduction Company, Central Research Department, Central Research Laboratories, Murray Hill, New Jersey; Robert F. Babcock (PhD'58), 464 Indianwood Blvd., Park Forest, Ill., who has been promoted to Project Chemist in the Technical Service Division of American Oil Company; Richard C. Smith (MA'50), 4614 Briarcliffe Rd., N.E., Atlanta 6, Ga., is Technical Representative of Abbott Laboratories; Frederick G. Buechner (AB'60) is now doing graduate work in the social sciences at the University of Notre Dame; Edward G. High (PhD'50) was promoted to Full Professor in July, 1959, and is Acting Chairman of the Department of Biochemistry, Meharry Medical College, Nashville, Tennessee; and John S. Wilson (MA'39) and Mrs. Wilson (nee Dorothy Nordman, MA'38), 636 S. Stone Avenue, LaGrange, Illinois; John is Vice President of Heidrick and Strug-
Cedric Chernick, who carried on postdoctoral research with Dr. Gucker '57 to '59, reports that he and his wife Judy have been admitted as permanent residents in this country by the U.S. Immigration Department. They live in the Chicago area. He is enjoying his work at Argonne National Laboratories, and Judy is working in Oak Park for a company of medical accountants. Cedric saw John Efimenko in the winter when he visited Argonne before returning to the National Bureau of Standards. Frank E. Rice (AB'09) says he is enjoying retirement—"so-called", indeed it seems as if he must be about as busy as ever, since he is writing, abstracting, and reviewing articles and books in the field of nutrition. Leslie Fenimore (BS'58) is attending the National Science Foundation Summer Institute in the Chemistry Department at Purdue University where he expects to start graduate work in chemistry. He has been teaching in high school, first at Winchester and lately at Rushville, Indiana.

We were very sorry to learn that Norman Sweeney (MA'51) was seriously injured in a chemical accident in June at his work at Minnesota Mining and Manufacturing Company, St. Paul. The severe explosion resulted from the grinding of a perchlorate salt of a nickel chelate compound, although preliminary tests had indicated that this would be safe. John Peake (PhD'35) reports that Norman is mending very well and it is hoped there will not be any permanent damage. Our sincere wishes to Norman for a speedy recovery. Herbert Reller (PhD'52), Procter and Gamble Company, was seriously injured in July when he and his wife collided with a truck while on their return to Cincinnati from a Gordon Research Conference in New Hampshire. Mrs. Reller was not injured. We are glad to learn that Herbert is getting along well.
We were very much interested in George Bulbenko's account of the alumni picnic which took place in May at the Washington Crossing (N. J.) Park attended by some of our members now in the New Jersey-Pennsylvania area. Besides George, his wife and children there were: Len Weinstock (PhD '58) and his wife; Dan Shew (PhD '59), his wife and children; Steve Osborn and his wife; James Sluss and his wife; John Bornmann (PhD '58), his wife and children; Herb Moss (PhD '60) and his wife; and Bill Paudler (PhD '59) and his wife and children. Typical of I. U. picnics, volleyball was played, and the scene was embellished by PLU posters supplied by Steve Osborn.

Recent Graduates

The following received the Bachelor of Arts degree in Chemistry in June, 1961: Larry L. Conrad, 604 N. 8th St., Vincennes, Ind.; Stephen L. Dygert, R. R. 6, Ft. Wayne, Ind.; Philip M. Fishman, 2511 Adams Ave., Evansville, Ind.; Grant N. Gansinger, 1400 E 19th St., Whiting, Ind.; John F. Gorsich, 3344 Jewett St., Highland, Ind.; James B. Heathcotte, 211 W. Delaware St., Evansville, Ind; Melvin W. Kelley, 701 Lincoln St., Bloomington, Ind.; George R. Long, Indianapolis, Ind.; Henry R. Makuch, 45 Methuen Ave., Toronto, Ontario, Canada; Richard S. Murphy, 45 W. Market St., Huntington, Ind.; John P. Parker, 2647 Wicker St., Highland, Ind.; Thomas W. Pinder, 4029 Bowser St., Ft. Wayne, Ind.; Larry W. Rampy, 641 Rotherwood St., Evansville, Ind.; Louise M. Robbins, Lafayette, Ind.; Louis F. Romain, 1540 S. 10th St., Richmond, Ind.; Frederick T. Spahr, Stonington, Conn.; Harold E. Stine, 16420 Valley Dr., Mishawaka, Ind.; James W. Terman, 1590 Southdowns Dr., Bloomington, Ind.; E. Thomas Marquis, 19300 Ireland Rd., South Bend, Ind.; and William R. Storer, Indianapolis, Ind.

The Bachelor of Science degree was awarded to the following: Merrill W. Bergstedt, 8223 Highland
These alumni have visited the Department since our last Newsletter: James Sluss, Jr., Philco Corporation, Lansdale, Penn.; Harry C. Gatos (MA'48) Lincoln Laboratories, Massachusetts Institute of Technology, Lexington, Mass.; Robert Degeilh (PhD '56). Compagnie de Saint-Gobain, Antony (Seine), France; Robert C. McHarness (MA'30), Freon Products Laboratory, dePon Corporation, Wilmington, Delaware; C. V. King (AB'19), New York University, New York City; Don McMasters (PhD'59), Beloit College, Beloit, Wisc.; V. L. Miller (MA'38), Pittsburgh Corning Corporation, Port Allegheny, Penn.; H. Lyle Aamoth (BS'50), Dow Chemical Company, Midland, Mich.; Mary F. White (nee Frechtling, AB'43) and James C. White (BS'43), Oak Ridge National Laboratory, Oak Ridge, Tenn.; Don Dieball (PhD'57), 3347 W. Belle Plaine Ave., Chicago, Ill.; and Edith Lessor (nee Schroeder, PhD'55) and Authur E. Lessor (PhD '55), General Electric Company, who now live on Clover St., West Hurley, New York.

Verling M. Votaw (MA'26), Director of Professional Services in the toilet goods division at Procter and Gamble, was given the Distinguished Alumni Service Award at I. U. this June at Commencement time. Marie VanHorn (MAT '59), who teaches chemistry at Shortridge High School in Indianapolis, received a Teacher Award in recognition of outstanding accomplishment by her students. They made fine records in the 1961 Scholarship Examination in Chemistry sponsored by the Indiana Section of the American Chemical Society. Arthur Lietze (PhD'57) was interviewed over radio station KMOX at the time of the ACS meetings in St. Louis last spring where he gave a paper on initiation of allergy. The interview was subsequently broadcast nationally on the CBS program "In Person". Arthur is at the Science Research Institute, Oregon State College, Corvallis.
The following received the Master of Arts degree: Barbara S. Biealski, 9 Shell Dr., Anna Maria, Fla.; Mary Hering Coe (Mrs. Elmon), 725 E. 2nd St., Bloomington; and Nida Saicheua Sapianchiay (Mrs. Poj), Bangkok, Thailand, Frank A. Momany, 723 E. 11th St., Bloomington, Ind., received the Master of Science degree. Sompong Chuntragool, Bangsean, Thailand, and Robert L. Cullers, 319 N. Walnut St., Argos, Ind., received the Master of Arts in Teaching degree. The degree of Doctor of Philosophy was received by the following: Morris Bader, Marietta, Ohio; Robert H. Baker, Jr., Chemistry Department, U. of Wis., Madison; J. Paul Burnett, Jr., 6171 Parker Ave., Indpls., Ind.; Robert Chernin, Technical Service Laboratory, Union Carbide Chemical Co., Tarrytown, N. Y.; Ronald W. Copeland, 912 W. Eureka St., Champaign, Ill.; Ernest R. Davidson, R. R. 6, Box 175, Boswell, Ind.; James W. Hinkson, 4648 Nathan Circle, Salt Lake City, Utah; John W. McDowell, Jr., 592B, Allenhurst Rd., Buffalo 26, N. Y.; Wendell W. Meyer, R. R. 1, North Manchester, Ind.; Brown L. Murr, Chemistry Dept., Massachusetts Institute of Technology, Cambridge; Agustin A. Pulido, Chemistry Dept., U. of Philippines, Diliman Rizal, Philippines; Louis A. Ross, 6530 Oxford St., Chicago, Ill.; Martin L. Thompson, Kindred, N. Dakota; Mansukh Lal Wani, Bombay, India; Richard L. Wells, 119 E. Locust St., River Falls, Wisconsin; and Richard Y. Wen, 510 N. Sunset Canyon, Burbank, California