



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **Badger chemist : a newsletter from the Department of Chemistry of the University of Wisconsin. Newsletter 6 Summer 1958**

University of Wisconsin--Madison. ; Dept. of Chemistry  
Madison, Wisconsin: Dept. of Chemistry, University of Wisconsin,  
Summer 1958

<https://digital.library.wisc.edu/1711.dl/66YCJIVSAA6SF8S>

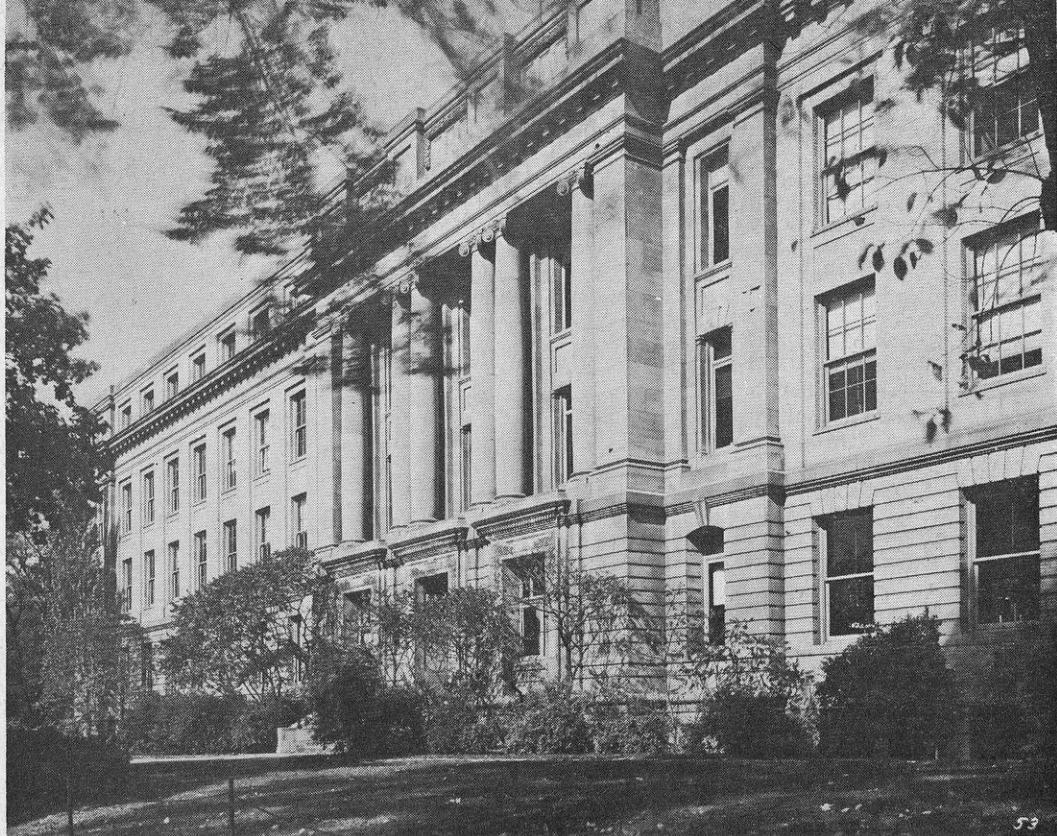
<http://rightsstatements.org/vocab/InC/1.0/>

For information on re-use, see

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.



# BADGER CHEMIST

*A Newsletter from the Department of Chemistry of the University of Wisconsin*

Newsletter 6

Summer, 1958

## Our Newest Alumni

The Department's list of graduates at school year's end was 55 as against 65 for 1957. This drop is reflected in all the three degree categories: 21 doctors, 10 masters, and 24 bachelors. Eight of those upon whom the doctorate was conferred made up the August '57 group, a like number were February '58 graduates, and the five who comprised the June crop brought the total number of graduates in this category to some 878.

Ten students—two less than last year—received the master's degree; and that number brought to count since 1886 to 626 for arts, science, and the now rarely conferred Ph. M. degree. This number is, however, subject to revision upwards.

Seniors graduating at summer session's end last year were Richard C. Gueldner, Spring Valley; Donald F. Hagen, Madison; and Oscar Plaisance II, Madison. The list of those graduating at first semester's end in 1958 included the names of Carolyn Hamblin, Vandalia, Ill.; Rolland F. Kellog,

Jr.; Power, W. Va.; Marianne E. Kratowicz, Kenosha; Ke-Chin Wang, Madison. Those whose undergraduate days came to a close with benefit of the pageantry of Wisconsin's colorful Commencement exercises—and they are in the last college generation to receive a diploma from President Fred who has now retired—were Roger J. Adams, Rio; Ralph K. Baker, Wauwatosa; Jonathan D. Brodie, New York City; William B. Brown, West Allis; Bruce O. Cuzzini, Milwaukee; Donald W. Fieder, Racine; Dale F. Fuller, Beloit; Ronald O. Kagel, Wauwatosa; James H. Krueger, Darien; George J. Meisters, Milwaukee; Wilfred C. Meyer, Beloit; Gerald R. Miller, Milwaukee; Robert W. Miner, Park Ridge, Ill.; Edward Selke, Madison; Charles H. Spink, Platteville; Paul M. Treichel, Jr., Madison; York Tsang, Forest Hills, N. Y.

Seven of the above were privi-  
(continued on page 2, col. 2)

## This 'n' That About Our Alumni

When last heard from, New Hampshire alumnus (B.S. '48) **Paul E. Abell**, Ph.D. '51, was holding the rank of associate professor at the University of Rhode Island.

Oshkosh-born **James E. Ablard**, B.S. '33, continued his formal education at Carnegie Tech. where he remained to serve on its faculty for one year after completion of his studies (D.S. '37). For the next four years he was employed as a physical chemist and in 1942 he began a career with the old National Defense Research Committee, now the Office of Research and Development which, in 1953, led to the post of deputy chief, explosives research department, in the Naval Ordnance Laboratory, Maryland. The Ablard family is living in Silver Springs, Md.

We have learned that **E. W. Adams**, Ph.D. '24, as been advanced from associate to administrative  
(continued on page 5, col. 3)

## BADGER CHEMIST

Privately published by the Department of Chemistry of the University of Wisconsin, Madison, in the interest and with the assistance of its alumni and staff.

Editor: Henry A. Schuette, Ph.D. '16  
Assoc. Ed.: Aaron J. Ihde, Ph.D. '41

Please address all communications to:

The Editor  
Chemistry Bldg. Madison 6, Wis.



8

## Ye Editor's Corner

Something new has been added to the contents of our newsletter. We have, in earlier issues, introduced the faculty with picture and biography; we have published profiles of our retirees and a memorial to a retired professor who had been living at the time of the appearance of the first two issues of *Badger Chemist*.

This-and-that about our alumni has been a regular feature of the newsletter; and we intend to keep it so, but in a somewhat enlarged form with pictures. Scattered through the pages of this issue are profiles of four chemistry alumni who, in our judgement, have brought credit to the University of Wisconsin as *Badger* chemists. We expect to add others to this list but the continuation of this feature depends, however, upon continuation of the financial support which the project has received in the past, and receipt of nominations of *Badger* chemists who, in your judgment, merit this form of recognition. And we have other plans.

The month of June 1959, will mark the fiftieth year of the life of the Chemistry Course. This fact could well be the theme of a chapter of its own in a history of the Department. We hope, also, that we will be in position when preparing copy for the next newsletter to tell you that plans for the expansion of research facilities have at long last crystallized; and we would like to give you a statistical picture of the distribution of our fellow alumni.

We did not like to remind you of our financial needs and the urgent need of your help, but may we be so bold as to suggest that it lies in your hands to remember

## Newest Alumni--

(continued from page 1)

leged to wear the fourragere at the exercises as a mark of distinctive scholarship achievement; their names, Adams, Cozzini, Miss Hamblin, Krueger, Meisters, Miller and Treichel. Krueger, Miller and Treichel had been elected to Phi Kappa Phi and Miller and Treichel, in addition to this honor, had made Phi Beta Kappa. The American Institute of Chemists Award to a senior in chemistry went to Miller in recognition of his leadership, excellence in scholarship, and character. Six of the honors group of seven were graduates of the Chemistry Course, and two of them had been elected to Phi Beta Kappa.

Graduates of 17 universities and colleges made up the three groups upon whom the doctorate had been conferred since our last report. Three of them are foreign schools: University of Alberta and University of Manitoba in Canada, and Osmania University in India. The others: California, Capital, Dartmouth, Illinois, Loyola, Massachusetts Institute of Technology, Miami, Northwestern, Rutgers, South Dakota, Wayne, Wheaton College, and Wisconsin. Alberta and Northwestern are the only schools to be represented by two of their alumni. Except for Wisconsin, with its three representatives, all the other schools had one each.

### Degrees Conferred August 1957

Robert B. Bates—University of Illinois; Edwin A. Grant, Jr.—Minnesota Mining and Manufacturing; Calvin O. Huber—Rockford College; Claude I. Judd—Dow Chemical; Gene Kalbus—Long Beach State College; Victor J. Mac Cosham—University of Wisconsin; Charles Muckenfuss—General Electric; James W. Ross—Massachusetts Institute of Technology.

### Degrees Conferred February 1958

James B. Evans—University of Colorado; Robert T. Grimley—Corning Glass; Robert J. Hanra-

to share with us in the project.

To all of you—there are some 915 who in the past have on one or more occasions sent in a contribution to Project Newsletter—our thanks and appreciation of your help. This issue was made possible by a balance from last year and contributions of about \$450.

—H.A.S.

han—University of Leeds (England); Richard J. Neddenriep—Linde Air Products; Seymour Preiss—University of Wisconsin; Robert J. Snider—National Research Council, Canada; Leo H. Spinar—Colorado State University, Ft. Collins; Roy S. Yamasaki—Aluminum Company of Canada.

### Degrees Conferred June 1958

Paul F. Aldrich—Massachusetts Institute of Technology; Joseph C. Collins, Jr.—Sterling-Winthrop; Ray H. Luebbe, Jr.—Dartmouth College; Sirhatti V. Rao, University of Michigan; Wilmer G. Miller—University of Wisconsin.

## Re: The Faculty

Prof. R. A. Alberty, with a generous four-year grant from the National Science Foundation, is continuing his physical chemical studies of fumarase and, with support of funds supplied from local sources, is making physical chemical measurements on substances of biological importance. On the extra-curricular front he is serving on the editorial board of the *Journal of Biological Chemistry*. When the occasion arises—about three times a year—he attends the meetings of the Molecular Biology Panel of NSF in Washington, D.C. And, as we are preparing copy for the 1958 newsletter, we learn that in July both he and Professor Ferry had spent some time at the University of Colorado in Boulder at the work shop and study session sponsored there by the National Institute of Health.

Prof. Walter J. Blaedel is one of several staff members carrying on research under contract with U. S. Atomic Energy Commission. His project: ion exchange separation scheme for the identification of radioelements.

The promotion of Prof. Charles D. Cornwell to an associate professor was announced at school year's end. He, a member of the American Physical Society, presented papers at its meetings in Boulder, Col., last September and at the Notre Dame session the preceding June.

Prof. Charles F. Curtiss has an NSF grant for research on generalizations of the kinetic theory of gases. He took part this past year in two symposia on molecular spectroscopy at Ohio State University and one before the American

## Re: The Faculty--

(continued from page 2)

Rocket Society on gas dynamics, at Northwestern University. He is an associate editor of the *Journal of Chemical Physics*.

**Lawrence Dahl** joined the inorganic group as instructor in the fall of 1957. He received his doctorate under Prof. R. E. Rundle at Iowa State College. His research interests lie in the field of X-ray crystallography. Mrs. Dahl, who is also a chemistry Ph.D. from Iowa State, is connected with the McArdle Cancer Research Laboratory.

A full report on the extracurricular activities of chairman Farrington Daniels—and something new has been added since our last issue—is beyond our present space limitations. We are sometimes inclined to marvel at the mileage which he covers in a single year in meeting the demands made upon his time; and the seemingly inexhaustible store of energy with which he is endowed. For the second time in the last calendar year he has been honored by his colleagues in science for his contributions to chemistry; he has visited three foreign countries on invitation to take part in symposia and conferences; he has filled numerous speaking engagements in Wisconsin and beyond its borders; he published some 15 papers last year; and, he was one of about 30 scientists and half as many military men who, with their wives, had been invited by President and Mrs. Eisenhower to a state dinner at the White House on February 4, 1958.

Professor Daniels took part in the NSF-sponsored symposium on photochemistry at MIT last September and then went on to New York for the meeting of the American Chemical Society and participation in the Earth, Air and Space-program at the Hayden Planetarium there. In mid-November, at the regular meeting of the Northeastern Section of the ACS, he was presented with the James Flack Norris Award, with stipend, "for excellence in the teaching of chemistry." Early in February he was in Havana as a participant in a government-sponsored conference on the natural resources of Cuba. On April 11 he was the lead-off speaker of the first annual Wis-

consin Center Forum following the dedication exercises of the building, the \$2.5 million gift of the University of Wisconsin Foundation. The school year having officially ended, he and Mrs. Daniels took off by plane for Europe on a business-and-pleasure trip. They toured Spain before and after attending a meeting at Mont Louis, France, where scientists from some six nations had met for a week to discuss uses of solar energy. Then they journeyed on to Copenhagen, Denmark, for a three-day conference of the physical chemistry section of IUPAC, Commission on Physico-chemical Symbols and Terminology. Homeward bound, they made a two-day visit in Brussels at the exposition. He checked in at his office on July 17. The continuation of his solar energy research program has been assured for at least two years after his retirement, in 1959, by a three-year grant from the Rockefeller Foundation.

The teaching activities of instructor Monroe V. Evans, B.S. '53, (Ph.D. MIT '58) which began at semester's opening last February, have been temporarily halted because of his induction into the armed forces on June 1. We understand that he will be back on the job before this year's end.

The research program of Prof. John D. Ferry centers on studies of the physical properties of high polymers of various types, and in these he and his students and associates are aided by grants and contracts from at least one private corporation, and several Federal agencies: Department of the Army, Office of Naval Research, and National Science Foundation. On the extra-curricular front he is serving on the editorial boards of the *Journal of Physical Chemistry*, *Annual Reviews of Physical Chemistry*, and the *Journal of Colloid Science*. He is joint editor of *Advances in Polymer Science*; and is active in committee work for the Society of Rheology, the American Physical Society, the National Research Council, the National Science Foundation, and the ACS.

Prof. Harlan L. Goering is the second staff member to have spent a semester in Europe on a George Ives Haight traveling fellowship. He was away during the second semester.

Prof. J. O. Hirschfelder, direc-

tor of the UW Naval Research Laboratory, finds that the administration of five government contracts "takes lots of work." The list of his off-campus committee and panel commitments is an impressive one.

Prof. M. L. Holt was in charge of the NSF-sponsored summer institute for high school chemistry teachers in 1957. He was a guest of the Midland section of the Electrochemical Society in November of that year at which time he discussed with the group the problem of the electrodeposition of alloys of the transition metals.

The past academic year was an eventful one for Prof. Aaron J. Ihde. His extracurricular on-campus activities began in September when he, with Professor Meloche, was a speaker at the golden anniversary meeting of the Wisconsin Section, ACS, with a topic appropriate to the occasion. Later that autumn, on radio station WHA, he took part in two interview programs devoted to the nature of scientific research and in the following January he was seen on WHA-TV's program, "Science and the Modern World." This month found him off campus, at Iowa State College, lecturing before the faculty seminar there on the subject "Berzelius and the Atomic Weight Problem." In February he lectured before the University of Minnesota's conference on labor in world affairs: his subject, "Can Science Keep the World Free?" An invitation in April to visit Lawrence, Kan., to take part in the meetings of the Midwest Junto, a section of the History of Science Society, found him sharing the program, among others, with Badger chemists Robert Siegfried, Ph.D. '53, who is now affiliated with the University of Arkansas, and faculty colleague Erwin K. Hiebert, Ph.D. '54. He filled two other April engagements: a conference at Princeton University which dealt with problems of liberal adult education and a meeting on April 22 of the Wisconsin Headwaters Sub-section at Wausau which he addressed on the subject of the discovery and classification of the elements. For the second successive year in June he gave a series of opening lectures, "Milestones in the History of Science," at South Dakota State College's NSF-sponsored summer institute

(continued on page 4, col. 1)

## Re: The Faculty--

(continued from page 3)  
for high school teachers of science and mathematics. The school year ended on a happy note for him in that his promotion to full professor was announced at Commencement.

Prof. Wm. S. Johnson was one of four midwest scientists among some 15 to receive an ACS-administered award at the San Francisco meeting last April. His award address, "A Total Synthesis Study: Objective Aldosterone," was delivered before the division of organic chemistry. Some of the factors involved in the synthesis of this steroid hormone by Dr. Johnson and his associates were: elaborate planning, partly theoretical and partly based on previous work; a model study with readily available material for testing underlying principles; and success in avoiding the 128 possible isomers in the sequence of reactions which led to the desired end-product. The synthesis, we understand, was not the first; it differed from that used by others in that a highly stereo selective approach was used. Grants and funds from four sources—among them were Wisconsin Alumni Research Foundation and National Science Foundation—provided the financial support for the project.

Prof. Edward L. King spent the past year at Cal Tech on a John Simon Guggenheim Foundation fellowship.

Prof. Edward M. Kosower informed us last June that he would read a paper at the Fourth International Congress of Biochemistry in Vienna, Austria, early in September and that he would conduct seminars at the organic chemical institutes of the University of Basel in Switzerland, and the University of Freiburg in Germany. From Germany he will move on to Stockholm, Sweden where he will lecture at the Wenner-Gren Institute of the University there.

Prof. Edwin M. Larsen was one of some 30 educators who participated in the visiting scientists program of the Division of Chemical Education, ACS, during the past academic year. He made it his practice to lecture to the undergraduate classes during the regularly scheduled periods; to talk informally with groups of interested students about opportunities in the Graduate School; to discuss edu-

## Greetings to Badger Chemists

The Department of Chemistry of the University of Wisconsin is pleased to continue its contacts with its alumni through this our sixth annual newsletter. We are interested in your activities, your progress, and your welfare. We hope that you will be glad to hear from us and to learn about some of your former classmates.

This Badger Chemist is due entirely to the painstaking, unselfish work of Professor Emeritus Henry A. Schuette. If you want to have a newsletter next year we hope that you will send in a small contribution to cover printing and mailing costs.

FARRINGTON DANIELS,  
Chairman, Department  
of Chemistry

ational problems at length with science teachers; and to give a formal open lecture on the transuranium elements. His travels took him to Denison University in Granville, Ohio, last autumn, to Wabash College, Crawfordsville, Ind., in December, and while a temporary resident of Gainesville, Fla., in February to Clarkson College of Technology, in Potsdam, N. Y. He was on leave of absence for the second semester while serving as visiting professor at the University of Florida; and while there he addressed the local subsection of the Florida Section, April 18: his subject, "Zirconium and Hafnium—Chemical Twins." On his return to the Wisconsin campus he was pleasantly surprised to learn that he had been promoted to full professor's rank.

The extra-curricular activities of Prof. John L. Margrave during the first semester of the past school year were many. They included the acceptance of invitations to participate in off-campus symposia and to address local sections of ACS and other groups, and service as the organizer and moderator of a successful weekly half-hour radio program, entitled, "Research Report," over the State Radio Council's station WHA at Madison. The list of professional and public lectures given by him during the calendar year 1957 numbers some 14; likewise his publications, exclusive of two chapters for a book of physical measurements at high

temperatures, total ten. He is supervising research, under contract, for three different units of the U. S. armed forces.

Prof. Villiers W. Meloche is serving the University as a member of the athletic board, the lakes and streams committee, and the Frank O. Holt memorial scholarship committee, of which he is chairman; the ACS as an area chairman of its building fund campaign and as a member of the editorial board of Analytical Chemistry; the American Society for Testing Materials as a member of one of its numerous committees; and the Raw Materials Group of the Materials Advisory Board of the National Academy of Science—National Research Council.

Ye editor, accompanied by Mrs. Schuette, represented the department at the formal dedication of the R. J. Reynolds Tobacco Company's new research laboratory, March 2 and 3, in Winston-Salem, N. C. They were pleasantly surprised to learn that the company's director of research—he is also a member of the board of directors—is Badger chemist, Kenneth H. Hoover, B.A. '21.

Prof. Irving Shain of the analytical division addressed one of the special interests groups of the Chicago Section, ACS, at its February meeting on the subject of the hanging mercury drop electrode. An article entitled, "Anodic Stripping Voltammetry using the Hanging Mercury Drop Electrode," which he published last December in Analytical Chemistry elicited some 100 inquiries, we understand. Dr. Shain's researchers had come to the attention of several Wisconsin newspapers whose feature writers reported that a University chemist gets big results in work with tiny specks and that his method "is a highly refined development of a storage battery and an electroplating bath." And this watered-down version of the article in question means that anodic stripping is performed using the techniques of voltammetry with continuously varying potential, and that the anodic peak current is a function of the concentration of the ion in the solution and the cathodic plating time.

Prof. C. Harvey Sorum is serving part time as director of the National Science Foundation-sponsored academic year institutes for

(continued on page 5, col. 1)

*Re: The Faculty--*

(continued from page 4)

high school science and mathematics teachers. His job as director began in December 1955, and will continue until September 1959. He described the program itself in one paper read before the Division of Chemical Education at the 1957 Miami meeting, and in another discussed the need for better coordination between high school and college science and mathematics teaching.

The list of professional and public lectures given by Prof. John E. Willard from February of last year to date numbers, inclusive of his activities in Europe in July, 1957, some 25. His activities: guest speaker of six midwest local sections of ACS; participant in three seminars (Du Pont Experimental Station, Universal Oil Products Company, Engineers' Day at the University); one conference on industrial nuclear technology at Armour Research Foundation; four symposia sponsored by three different divisions of ACS at the Miami and New York meetings; and one congress, the First International Congress on Radiation Research which was held during the week of August 11 on the campus of the University of Vermont at New Hampshire. Early in February of this year he, as a member of the Research Division of AEC, appeared before the sub-committee on research and development of the joint congressional committee on atomic energy to make a report on the research activities of that division. On July 1 of this year his teaching load in the Department was materially reduced—and his salary handsomely increased—because of his elevation to the deanship of the Graduate School. His services to the Department will not be completely lost, however, for he will continue his research and instruction in the radiochemistry. At last count he was directing the work of about 14 graduate students.

Prof. J. W. Williams has been elected a member of the International Union of Pure and Applied Chemistry's Commission on Proteins, Section of biological chemistry. His term of office expires on Dec. 31, 1961.

**IN MEMORIAM**

NATHANIEL A. BAILEY, B.S. '16—February 27, 1957, in Oak Park, Illinois.

GABRIEL G. BALAZS, B.S. '27, technical superintendent with Goodyear Tire and Rubber Co.—in Utenhage, South Africa, May 12, 1958.

LOREN C. HURD, Ph.D. '29, some time instructor in chemistry, and at the time of his death, president and a director of Metals Disintegrating Co., Inc., Elizabeth, N. J.—September 28, 1957, while on a fishing trip near Milford, Pa.

ARDEN C. JOHNSON, Ph.D. '06—February 1958, in Elmhurst, Ill.

NAOMI YOLTON KNIGHT, B.S. '36—December 1955, in Swansville, Minn.

AZARIAH T. LINCOLN, Ph.D. '99, professor emeritus of chemistry in Carleton College since 1939 and, for various periods before 1921, when he accepted his last post, affiliated with Illinois, Rensselaer Polytech, and Cornell—in Northfield, Minn., March 31, after a long illness.

FRANK R. OLSON, B.A. '31—November 28, 1953, fatally injured in an accident, in New York City.

MAX PHILLIPS, B.S. '17, chief chemist in standards branch, tobacco division, Agricultural Marketing Service, USDA—in Washington, D.C., December 3, 1957.

ERNEST J. PIEPER, Ph.D. (Forest Products) '16, research chemist with Armstrong Cork Company for some 36 years of his life—in Ft. Lauderdale, Fla., March 24, 1956.

GILBERT B. L. SMITH, M.S. '16, head of the chemistry division at U. S. Naval Ordnance Test Station, China Lake, Calif., until his retirement in 1951 and, posthumously, recipient of the L.T.E. Thompson Award of NOTS—in Hamilton, N. Y., August 29, 1957, from a cardiac ailment.

WILLIAM C. SPROESSER, B.S. '17, Westinghouse Electric retiree—in East Orange, N. J., January 1958.

VICTOR A. WEGNER, B.S. '29, Gulf Refining Company employee—summer 1956.

EDWIN C. WHITE, Ph.D. '15—May 17, 1957, in Baltimore, M.D.

WALTER J. WITTICH, B.A. '08, director, School of Physical Education, LaCrosse State Teachers

*This 'n' That--*

(continued from page 1)  
director of research at Standard Oil (Indiana), Whiting.

**Elmer A. Anderson**, Ph.D. '49, is one of several Badger chemists in the employ of Shell Development Co., Emeryville, Calif. His undergraduate work was done at Nebraska.

Is **Norman L. Anderson**, M.S. '30, with National Aniline Division of Allied Chemical and Dye?

The University of Pittsburgh has a claim on Marathon Paper Company's **Leslie H. Anderson**, B.A. '27 and M.A. '28, in that he won his Ph.D. degree there. He is living in Green Bay, Wis.

Grinnell graduate (B.A. '28) **Orlan M. Arnold**, Ph.D. '34, has been a research and development consultant in the Detroit area ever since he left the Chrysler Corporation as its head of physical chemistry research. Affiliation with Chrysler in 1944 marked a turning point in his career, one that began as an assistant in chemistry at Wisconsin and ended in 1946 as assistant professor at Rensselaer Polytechnic. He heads the Ajem Laboratories in Livonia, Mich. His home is in Grosse Point Park.

"We are still travelling," wrote Du Pont retiree **George C. Bailey**, B.A. '09, (Ph.D. Yale '16) last October. The Baileys were in South Africa in 1957 and left Elizabeth, N. J., their home port, in November for the West Indies where they boarded ship for Australia and New Zealand. We understand that visits to the former Indo China were on their agenda, as well as Hong Kong, Taiwan, and Japan.

We understand that **James A. Bain**, B.S. '40, who made his undergraduate training in chemistry the foundation for his life's work (continued on page 6, col. 1)

College, at the time of his demise on August 8, 1953. The college's new physical education building—it was his "baby" in a sense—has been named Wittich Hall in appreciation of his many years of service to the State.

**WILLARD H. WOODSTOCK**, B.S. '28, M.S. '29, chief chemist of Victor Chemical Works and a Victor employee since graduation from Wisconsin, member of the JACS editorial board and a past director of the Chicago Section, ACS—February 18, 1958.

## This 'n' That--

(continued from page 5)

in pharmacology, is now chairman of his department at Emory University, Georgia.

Has **Joe Baldinus**, Ph.D. '49, severed his connections with Colgate-Palmolive Company; and if so, what is he doing Now?

Associate professor of biochemistry, **Robert L. Baldwin**, B.A. '50, is one of three U.W. faculty members who have accepted Guggenheim fellowships. "Buzz" will spend about seven months in Copenhagen, Denmark, in the laboratory of Prof. K. Linderstrom-Lang.

**Traute H. Baude**, B.S. '51, should now be addressed as Mrs. Donald D. Cameron; and that union makes them a husband-and-wife team of Badger chemists. Don is a Du Pont chemist: polychemicals department.

Because the source of biographical information which we consulted proved to be in error, the "story" on Wisconsin-born **Lyman A. Beeman**, B.S. '18, is in need of revision (Newsletter 5). It is true that he was a vice-president of St. Regis Paper Company, but that was some eight years ago. He is now president of Finch, Pruyn and Company, Inc., of Glenn Falls, N. Y., manufacturers of printing and converting papers. A director of this company since 1945, he holds a directorship in Glenn Falls Insurance Co., Queenbury Hotel, and the First National Bank.

It has come to our attention that **Barbara I. Behling** is now Mrs. Thomas Dorn. She has a Brookfield, Wis., address.

We have removed the name of World War I veteran **John H. Black**, B.S. '18, from list of addresses-wanted Badger chemists. He is employed as accountant by a Chicago advertising agency, the Arthur Meyerhoff Co., and is living in Highland Park, Ill.

After having served Du Pont as manager of marketing analysis in the polychemicals department, **Gerald T. Borchardt**, Ph.D. '37, was appointed an assistant sales manager in charge of their newly created plastic sales programming staff.

For the second consecutive year a Badger chemist has been named one of six outstanding teachers of undergraduate students in chemistry under the Manufacturing Chemists' Associations' College Chemistry Teacher Awards Program. The

(continued on col. 3)

## Krauskopf Award



At the time of the death of Professor Francis Craig Krauskopf in 1947 a group of his friends contributed a sum of money to the University for the creation of a student award in his memory. The income from this fund is now such that the Chemistry Department, yearly since 1950, has made the Krauskopf Memorial Award to the student with the top grade in Chemistry 1a or 5. These are the courses equivalent to the one which Professor Krauskopf taught during his 41 years in the Department. The award has been in the form of an engraved pen and pencil set or a brief case. It is presented by the chairman of the Department some time during the second semester in the Chemistry 1b lecture section in which the recipient is a student. The award itself is administered by a committee which concurrently consists of Professors Ihde, King, and Sorum.

Recipients of the award have been to date:

1950—Barbara Tews, B.S. 1, Madison, Wisconsin.

1951—John H. Gray, Ph. 1, Ripon, Wisconsin.

1952—Patrick J. McCormick, B.S. 1, Madison, Wisconsin.

1953—Thomas J. Katz, B.S. 1, Forest Hills, N.Y.

1954—Gail M. Loehning, Med. Tech. 1, Neenah, Wisconsin.

1955—Myrna I. Traver, B.S. 1, Lake Geneva, Wis.

1956—Joe A. Trine, B.S. 1, Dodgeville, Wis.

1957—Richard D. Sweet, B.S. 1, Milwaukee, Wisconsin.

1958—Eric F. Eikenberry, B.S. 1, Indianapolis, Ind.

Although Chemistry 1a and 5 are seldom elected by students who intend to major in chemistry, several of the awardees have become sufficiently interested to change to this major. This has been the case with Miss Tews who went on for graduate work at the University of Washington; of Katz, a recipient of a National Science Foundation fellowship, who enrolled at Harvard for graduate

## This 'n' That--

(continued from col. 1)

1958 award and its \$1,000 stipend to each of the group was presented last June at White Sulphur Springs, W. Va. **Paul W. Boutwell**, M.A. '12, (Ph.D. '16 biochem) Beloit College retiree, is Wisconsin's contribution to the list. The first Badger chemist to have been honored in this way is E. O. Ellingson, Ph.D. '12, of St. Olaf College.

**Akbar F. Brinsmade**, B.S. '39, has returned to the States from Caracas, Venezuela, and has joined Celanese Corporation at Charlotte, N.C., with a senior process engineers rating.

Forest Products' chemist **Fredrick L. Browne**, Ph.D. '20, and two staff members of the Chemistry Department, Professor Ihde and Margrave, were guest lecturers of the Wisconsin subsection at Wausau during the second semester of this year. Dr. Browne's topic: "A Battle Between Water and Paint." He has been elected a lay deputy to the General Convention of the Protestant Episcopal Church which meets in October in Miami Beach. He had served in a similar capacity at Honolulu in 1955.

Associate professor **Ray H. Brumblay**, Ph.D. '38, is now chairman of the chemistry department, UW-M. He taught "quant" on the Madison campus during the '58 summer session.

Announcement was made last fall by Du Pont that **Warren F. Busse**, Ph.D. '27, has been promoted to a new rank in their polychemical department. In doing so, his employers recognized the attainment and creative ability that Dr. Busse has brought to the company. Before joining Du Pont he was for some two years technical director of the Institute of Textile Technology, Charlottesville, Va., and before that he was with General Aniline and Film Corp., at Easton, Pa. His research interests: polymers and free radical reactions.

Kansas alumnus (B.S. '14) **Howard N. Calderwood**, Ph.D. '23, is one of a small group of one-time staff members of the United States Forest Products Laboratory in Madison who took advantage of

(continued on page 7, col. 1)

work; and Gail Loehning Mellberg who graduated in February '57 as a chemistry major.

## This 'n' That--

(continued from page 6)

the lectures and research courses of the University to do graduate work on the campus. He assisted the late Professor Kahlenberg in the instruction of Freshmen from the time of his graduation until 1937 when he re-entered the Federal Service via the old Bureau of Fisheries at Yorktown, Va. On completion of his duties there he took up residence in Gainesville, Florida, as an employee of the Florida Engineering Experiment Station. He retired in 1948 as a lieutenant colonel, U.S.A., Chemical Corps. Now a resident of Madison, he lists himself as a consultant.

We are grateful to Wm. R. (Bill) Rinelli, B.S. '33, coordinator of product planning with Marinette's Ansul Chemical Company, for his assistance in learning the "what-about-and-where-abouts" of **Phillip J. Canepa**, B.S. '33. Phil has apparently gone over to law in that he heads the patent department of Industrial Rayon, Cleveland, O.

Another Du Pontier with a promotion to his credit is **James E. Carnahan**, Ph.D. '46. He is now a supervisor in the central research department, formerly the chemical department.

Two of the children of Eastman Kodak's **Burt H. Carroll**, Ph.D. '22, majored in physics. Daughter Marjorie practiced it for five years before her marriage to one working in this field and his son, an Oberlin, '58 graduate, also made physics his major interest in college. We understand that the senior Carroll has done considerable travelling to foreign countries on scientific missions, such as the triennial conference on photographic theory in London and Cologne.

**Frenchi Wo Chen**, M.S. '51, has a new address in Milwaukee: 4605 W. Medford, zone 16.

**Ruby Wong Chiang**, M.S. '49, accompanied her note of appreciation of Badger Chemist with documentary evidence, in color, of her darling children: Amy, Beverley, and Clement. We learned from her that **Anne Marani Plescia** (Mrs. O. J.), M.A. '49, is now the mother of two children.

Two Badger chemists with American Can Company affiliations have been in the news recently, **L. E. Clifcorn**, Ph.D. '34, has been appointed to the National Research

Council's Sub-committee on the radiation-preservation of foods, and **Roger H. Lueck**, M.S. '21, is a member of the planning committee for the American Chemical Society's new building. And top man in the committee of seven to whom has been given the leadership in project new headquarters building is Rohm and Hass' **Ralph A. Connor**, Ph.D. '32, chairman, ACS, board of directors.

We understand that **Philip L. Coon**, Ph.D. '32, has been honored by friends and former students for his long service at Geneva College of Glenn Falls, Pa., in that the chemistry library has been dedicated there in his name. This is the third instance in our memory that a Badger chemist has received an honor of this type.

Ye editor met up with **Geo. S. Cripps**, B.A. '47, in Memphis, Tenn., last April at the spring meeting of the American Oil Chemists Society and learned that he had severed his connections with Climax Molybdenum Company and that he is now with Atlas Powder Company in charge of marketing of food products. The Badger chemist representation at Atlas Powder appears to be growing.

Oregon State alumnus **Lloyd W. Covert**, Ph.D. '32, is one of several Badger chemists on the board of directors of Rohm and Haas Company. An "extra-curricular" activ-

## Alumni On Summer Session Staff

Never before in our memory did the summer session staff of the Department include such a large number of visiting chemistry alumni as made up part of the teaching personnel of 1958. Every division but one had at least one Badger chemist. From UW-M, Ray V. Brumblay, Ph.D. '38, had come to take over the instruction in two courses in analytical chemistry (10 and 11); Calvin O. Huber, Ph.D. '57, of Rockford College assisted Professor Meloche in Chemistry 153 (instrumental); Carleton College's Wm. C. Child, Jr., Ph.D. was in charge of Chemistry 131a and 131b; from the University of Miami, Harry P. Schultz had been invited to return to the campus to take charge of Chemistry 122 and "Characterization"; and from Illinois was called Kensal Van Holde, Ph.D. '52, to give Chemistry 129.

ity of his is service on the board of trustees of Beaver College, Jenkintown, Pa.

We have learned that **Guido H. Daub**, Ph.D. '49, who holds a professorship at the University of New Mexico, has been named director of its graduate center at Los Alamos.

The awards symposium of the Division of Organic Chemistry of the ACS at the San Francisco meeting, April 13-18, was monopolized, in a sense, by Wisconsin chemists, one a faculty member, the other a Badger chemist. Wayne University's professor of chemistry, **Carl Djerassi**, Ph.D. '46, as recipient of the Society's award in pure chemistry, presented a paper devoted to recent work on macrolide antibiotics. His citation: "for pioneer work on the structure of natural products and for his use of rotary dispersion as a tool for analyzing conformational effects in complex molecules."

Du Pont announced last November that Kenosha-born **Robert C. Doban**, Ph.D. '52, had been given a new assignment because of promotion to a research supervisorship. His new job: directing research on the development and application of "Teflon" 100X perfluorocarbon resin. Dr. Doban is a graduate of Yale (B.S. '49).

**B. P. Domogolla**, B.S. '22, of Applied Biochemists Associates, Butler, Wis., wrote from Bogota, Colombia, early this year to say that he had been in South America since last Christmas directing several large lake and irrigation canal treatments, and that he hoped to be back at headquarters in March.

**Sarah Vance Dugan** (Mrs. F. Clarke), B.S. '17, wrote to inform us that it is true that she had resigned (Newsletter 5) from the State Health Department of Kentucky in 1954. What we did not know, however, was that she had returned in April 1956, to her former position as director of the Division of Foods and Drugs. "One thing I did learn in the eighteen months," she wrote, "was that I won't be afraid of retirement — I found plenty to do."

Where is **Warren L. Dumke**, B.S. '51? Our last information on him: Iowa State conferred on him the M.S. degree in '56.

**Ralph E. Dunbar**, Ph.D. '33, dean of the School of Chemical (continued on page 8, col. 1)



## This 'n' That--

(continued from page 7)

Technology at North Dakota State College, reported a rather unusual news item last October. It is an account of an experience which, he hoped, would never happen "to any other Badger alumni." The Fargo house of the Dunbars was in the path of a tornado which had swept through a large part of the city. Wrote Badger chemist Dunbar, "Our own home—it was one of some 1464 dwellings either completely destroyed or seriously damaged in that area—suffered extensive, external damage but fortunately, as contrasted to most of our neighbors at least, was not completely destroyed or blown from its foundation.—Fortunately we were adequately insured." No member of the family was seriously injured, although all were "greatly excited, disturbed and frightened with the fury of the storm."

Chemistry Course graduate **Everett R. Eastman**, '53, at one time had a Fort Bliss, Texas, address. We understand that he now has a Tuscola, Ill., address: Parkview Trailer Camp. We are pleased to learn that he has apparently finished his stint in the U. S. Army, but regret that we are not in a position to tell our readers anything about his present activities.

Some-time teaching assistant ('52-'54) **William D. Ehmann**, B.S. '52, enrolled in Carnegie Institute of Technology after he had acquired a second Wisconsin degree, M.S. '41. He then completed his formal education there; on a fellowship in '57, in nuclear chemistry. At last report he was a research associate at Argonne National Laboratory, Lemont, Ill.

The Precision Scientific Co. award in petroleum chemistry—and a \$1,000 Texas Company's stipend—went this year to a Badger chemist: **Robert P. Eischens**, B.S. '42 and Ph.D. Northwestern '49. The citation reads, "for contributions to fundamental knowledge of catalysis in petroleum and its products."

It has come to our attention that at St. Olaf College, Northfield, Minn., there has been set up the Ellingson memorial senior research laboratory. Prof. E. O. Ellingson, now retired and formerly chairman of the chemistry department there, is a Badger chemist.

**J. Alden Erikson**, B.S. '50, at last report, was living in Milwaukee, an employee of Pittsburgh Plate Glass Co.

Three-degree **Donald W. Ernst**, Ph.D. '56, finds the National Bureau of Standards a nice place to work. He wrote, "Reading about my classmates and other people connected in some manner or other with my schooling was most enjoyable. Enclosed is a small contribution (It was better than the average—Ed.) to help in publishing Badger Chemist."

When **John R. Fanselow**, Ph.D. '27, retired last year as chief of Kimberly-Clarke's research and development in the paper department and accepted an associate professorship in Western Michigan University, Kalamazoo, he resumed his original role, that of an educator. Ellsworth College alumnus (A.B. '16) and World War I veteran Fanselow holds a master's degree ('21) from Chicago. He arrived on the Wisconsin campus in 1925 to accept appointment as assistant in chemistry and left the Madison scene, as an instructor, in 1928 for Neenah.

Has some-time teaching assistant **Joseph Farber**, Ph.D. '51, left Convair in San Diego for a position with General Electric on the Atlantic seaboard?

Waukesha's thriving Dairyland Food Laboratories, Inc., of which **Merle G. Farnham**, B.S. '33, is president, is expanding again. Founded, in a sense, in his kitchen in 1948, later moved into a remodeled barn and from there to a modern laboratory, the business has grown to a point where still larger quarters have become a must. Construction of a \$150,000 building to house the research, manufacturing, testing, storage and personnel needs of the business was begun last September. Trade names of some of the company's products are "Italase" and "Capalase."

**Philip R. Fehlandt**, Ph.D. '34, who heads the department of chemistry in College of Puget Sound, gave us the impression in his account of his activities, that the words "spare time" and "teacher in a small college" constitute a contradiction of terms. We understand that his avocations of hunting and fishing are seriously pressed by a rapidly expanding hobby of growing orchids, and that he has occasional contacts with Wisconsin Ph.D.'s **Paul Cross**, '32,

at Seattle, **Brookes King**, '31, at Pullman, and **Bill Caldwell**, '30, at Corvallis.

**Janet P. Feitelson** (Mrs. Norman), B.A. '37, as did other Badger chemists, expressed the hope that we continue "the wonderful project (i.e. the newsletter)." "The only application of my chemistry now" she wrote, "is limited to understanding Norman's dental chemistry." His specialty is pedodontics.

We have been told that Pillsbury's **Helen M. Fett**, B.S. '47, has made several trips to Europe since 1955. Business took her at one time to England and a yen for touring by bicycle sent her to Germany last summer.

How many of our readers of the Sat. Eve. Post of April 5 recognized one of the trio of R. T. French Company's mustard magnates pictured at the tasting table, as Badger chemist **John M. Fogelberg**, Ph.D. '31? The article in question: "The Hot Dog's Best Friend."

**Henry S. Gates**, Ph.D. '56, left Milton College for a position on the staff of Platteville State Teachers College (Wisconsin). The vacancy created by Professor Gates' resignation was filled this past year by Badger chemist **W. D. Burdick**, '26.

**Prof. Phillipa G. Gilchrist**, Ph.D. '31, wrote that she was back at Wellesley this year after being on non-academic leave for the past two years because of illness in her family in Decatur, Ga. Badger Chemist extends its sympathies to Miss Gilchrist on the deaths of her mother and an aunt.

The **Arthur E. Goldberg's**, Ph.D. '52, announced the arrival of a boy, their third child, in March 1957. The head of the family is a physical chemist in the employ of the Radiation Electronics Corporation, Skokie, Ill.

**Gordon W. Gottschalk**, B.S. '43, is technical director of Thiem Products, a Wisconsin firm making facings, core binders, etc., for foundries and steel mills. His hobby: music at the grand opera level.

Betsy, the second, and last of the **Walter B. Griem**, B.S. '22, daughters, was married last September. Her husband: Lt. Fritz Hanson.

**Jack D. Graybeal**, Ph.D. '55, has left industry for the academic life. He is now assistant professor of

(continued on page 9, col. 1)

## This 'n' That--

(continued from page 8)

chemistry at West Virginia University, Morgantown.

**Robert T. Grimley**, Ph.D. '58, is one of eight candidates granted the doctorate last February. A graduate of the University of Massachusetts in '51, a veteran of two years in the U. S. Air Force, and holder of an Eastman Kodak Company fellowship, he is now a research chemist in the employ of Corning Glass Works.

**Robert L. Harris**, Ph.D. '51, has informed us that, as a member of the school board in a township that is building a high school, he is concerned for the first time with planning a chemistry laboratory. The experience is apparently an eye-opener for Allied Chemical's project leader in its central research laboratory in Morris Township because, he wrote, "In the past I have always been able to take such things for granted."

The Department's first person to earn the doctorate in food chemistry, Bucknell (A.B. '23) alumnus **Elley H. Harvey**, '26, is now living in Mossy Head, Fla., where in retirement, after an active career in industrial research which was topped by a brief association with IIT as professor of food engineering, he is carrying on as a chemical consultant and food engineer. One of his comparatively recent activities in this field was extensive service on a four-man team of experts who had been commissioned by the Bank of Mexico to study, under the direction of Columbia University, the technical manpower situation in this country in four fields: textiles, heavy metals, chemical engineering, and foods. He is a past president of the Institute of Food Technologists and the Association of Research Directors. For his work with the Office of Scientific Research and Development during World War II he received a presidential citation.

Insurance man **George W. Haverstick**, B.S. '16, informed us, "because of involvements in World War I", that he never used his degree in the Chemistry Course in this field. We also learned that he had only recently retired from the presidency of the Waukesha Board of Education but is still serving on the Board of Trustees of Carroll College.

**Patricia K. Herscher** (Mrs. Eugene), B.S. '55, has been a member

## John E. Willard

Graduate School Dean



Exactly 23 years after the University of Wisconsin had conferred its highest degree upon Harvard (B.S. '30) alumnus John E. Willard, Ph.D. '35, its Board of Regents named him dean of the Graduate School to succeed biochemist Conrad A. Elvehjem who had been advanced to the presidency. Dr. Willard, an internationally-famed scientist, thus became, if our memory serves, the sixth titular head of graduate instruction at Wisconsin. He is the first Badger chemist to have received this on-campus recognition, and the first Wisconsin chemist to join the war-time effort aimed at unlocking the power of the atom. Since World War II he has pioneered studies in the peaceful use of atomic byproducts.

In 1942, already well known for his research in radiochemistry, he was called to the Metallurgical

of the State Chemist's staff since 1956. Before that time she was employed in the Enzyme Institute on the campus.

**Arno H. Herzog**, Ph.D. '39, is currently with Monsanto Chemical Company at Tipp City, O. He began his career as a chemist with Madison's Oscar Mayer & Co., and, if our memory serves, joined Monsanto as a research physicist in 1941. In 1947 he became a civilian employee of the Atomic Energy Commission.

**Erwin N. Hiebert**, Ph.D. '54, returned to the campus last fall as assistant professor of history of science. He has taught at Harvard and San Francisco State College and has been associated with Max-Planck Institute fuer Physik, Goettingen, Germany, the University of Chicago's Institute for the Study of Metals and the Manhattan Project. His special interest lies in the history of heat theory, energy mechanics and thermodynamics. He was one of 17 professors who last semester participated in Wisconsin's freshman Forum: its theme "Science Today: A Beginning and an End." The title of his lecture:

Laboratory of the University of Chicago where atomic pioneers were attempting to develop chemical methods for the separation of radioactive substances from ores. Two years later he transferred to the Hanford (Washington) Engineering Works to head there the chemistry division of this atomic installation. The following year found him back in the Mid-West at the Metallurgical Laboratory—it is now known as Argonne National Laboratory—in charge of the atomic pile chemistry division, working on the chemical aspects of peace-time applications of the atomic pile. His four-year association with the Atomic Energy Commission's laboratories ended in 1946 whereupon he returned to the campus to resume his instructional and research activities. Since that time he has been in the forefront of "hot atom" chemistry.

He is a member of the Board of Visitors of the Chemistry division of both Brookhaven and Argonne National Laboratories; he has served the AEC as a member of its advisory committee for isotope distribution and the American Chemical Society as chairman of the division of physical chemistry; and is an associate editor of *Chemical Reviews*. He is much in demand as a participant in scientific symposia; is also a popular speaker for lay groups; and has presented the atomic energy lectures in the University's Contemporary Trends course.

He is married to the former Adelaide Ela of Rochester, Wis. The Willards have four children: one daughter and three sons.

"Cosmology: Large-Scale Theories of the Universe."

**Harris D. Hinline**, B.A. '23, has retired after having devoted 35 years of his active life to patent law. He is the author of Hinline's "Forms for the Practice of Patent and Trade Mark Law."

**Ralph Hirschmann**, Ph.D. '50, is a section head, process research with Merck, Sharp & Dohm. He made his first trip back to the campus since graduation last March: as a visiting hireman for his employers.

We have learned from **Carol Hoelle**, B.S. '51, that she is working in the Radiobiology Division of the A.E.C. project at the University of California, L.A.; that **Lois Koslosky Sudnick**, B.A. '50, is

(continued on page 10, col. 1)

## This 'n' That--

(continued from page 9)

in Bussac, France, where her lieutenant husband is stationed at the Army Chemical Supply Depot.

**Gilbert F. Hoffman**, Ph.D. '27, has been advanced from vice-president and technical director to president of Milwaukee's O'Neil Duro Company. Badger Chemist extends a congratulatory salute to O'Neil Duro's new prexy!

**W. Floyd Holbrook**, B.S. '20, wrote us from the Albany, Ore., laboratory of the U. S. Bureau of Mines that the personnel there included a young Wisconsin alumnus, **Gerald W. Egler**, B.S. '51. This appears to be a change in location, because Alumni Records once listed Gerald as being in government service in Rifle, Colo.

Chemistry course graduate **Carl A. Hoppert**, '20, cast his lot with the agricultural chemists and won his Ph.D. in this field in '25. He now holds a professorship of chemistry at Michigan State. An extra curricular activity of his is service on Michigan's Basic Science Board.

**James F. Hornig**, Ph.D. '55, begins the current academic year as an assistant professor of chemistry at the University of California (Riverside). The interval between the time of his graduation from Wisconsin and the present was given over to a year's post-doctoral work at the University of Marburg in Germany with Professor Kuhn; a temporary appointment in the Naval Research Laboratory on the campus under Professor Hirschfelder; and employment in Du Pont poly-chemicals department in Wilmington, Delaware. The Hornigs are a Badger Chemist husband-wife team. Mrs. Hornig, the former **Evalyn L. Ortelt**, is a '56 alumna. We understand that they have two children.

Toni Company's laboratory director **Ray C. Houtz**, Ph. D. '32, finds Chicago close enough to Madison so that he can manage to attend a few football games here per year. We understand that his employers have extensive new research laboratories in the Merchandise Mart.

Among the list of new employees announced by Du Pont last July appeared the name of **King L. Howe**, Ph.D. '57.

On trying to locate **Joseph Huntley**, B.A. '41, since the last mailing of Badger Chemist, help came in

an unexpected way; and from a namesake who is the director of Christian education and community service of the Broadway Congregational Church in New York City. The Rev. Joseph D. Huntley wrote us that as far as he knew, unfortunately, he had never had any connection with our University. This turn of events precipitated a bit of non-chemical research which resulted in the following observations: It appears that he followed chemistry in the Chicago area for a short time after graduation from college and that he then enrolled in a Lutheran Seminary. We now have reason to assume that he is pastor of a church in New Smyrna Beach, Fla. If this conjecture becomes, indeed, a fact, he will be the second man among our graduates, within our knowledge, to have entered the ministry from chemistry. We are curious to learn, however, how a piece of open mail could have been forwarded from Chicago to New York, as it obviously was in this case, and whether we have made an error in our conclusions.

**Chas. S. Imig**, B.S. '50, is employed by Spencer Chemical Company, Kansas City, in their plastics division.

**Robert N. Isbell**, Ph.D. '31, Colonel, U.S. Air Force, ret'd., has returned to the academic fold. An instructorship which began at Yale in 1924, was continued at Connecticut College of Pharmacy. His teaching activities ended temporarily as assistant professor at Wake Forest College, with time out at Wisconsin as a fellow in chemistry pursuing graduate studies for the doctorate. Alumnus Isbell then returned to Wake Forest College and remained there for ten years as associate professor. The month of June 1941 marked the beginning of an active career in the military; and that came to a close at year's end, 1955. He is now back at Wake Forest as professor of chemistry, figuratively under the same roof but actually on a new campus, in Winston-Salem, N.C., where faculty and student body are housed on a new "tailor-made" campus with modern buildings. Associated with Professor Isbell there is Badger chemist **Charles S. Black**, Ph.D. '28, who, we understand, as chairman of the chemistry department was a factor in the Colonel's decision to return to the academic fold.

We understand that Milton Col-

lege alumnus (A.B. '20) **George O. Johnson**, Ph.D. '31, has been appointed to one of the first endowed professorships in the 65-year history of Culver Military Academy, the Eppley Chair of Chemistry.

**Clarence Johnson**, B.S. '52, informed us last November that he was working on a senior chemist in the central laboratory of the Adams terminal facilities of Phillips Chemical Company on the Houston ship canal. His home address: 1046 Cruse Drive, Pasadena, Texas.

**James A. Johnson, Jr.**, Ph.D. '49, is no longer connected with Southern Research Laboratories of Birmingham, Ala. He is now with Esso Research Laboratories, Baton Rouge, La.

**Justine G. Jolivette** (Mrs. Guy E.) B.A. '16, taught science for about two years after graduation from college, worked as a chemist in the steel industry during both world wars—La Clede Steel, Alton, Ill., and Oregon Steel, Portland—was a substitute science teacher for 14 years in Portland, and has raised a family of two children. She has been a Portland resident since 1921.

**Paul L. Kindel**, B.S. '56, is pursuing graduate studies in Biochemistry at Cornell University. (Thanks for the "orchid," Paul. Ed.)

**Robert S. Klang**, B.S. '48, has changed his address from Royal Oak, Mich., to Cuyahoga Falls, Ohio, because of a change of affiliation with the rubber industry: United States Rubber to Goodyear. He describes his employment as that of a tire designer and is, apparently, pleased with his new job and location.

**Homer V. Kline**, M.S. '28, one-time lecturer assistant to the late Prof. J. N. Walton, shepherded a group of his Joliet, Ill., Township High School science pupils to the campus last May: the occasion, the Chemistry Department's annual visitation day.

We have learned that **Donald B. Koch**, B.S. '56, is employed by B. F. Goodrich Chemical Company, Aron Lake, Ohio, in the development center and that he is affiliated with the special analysis group.

Pictures of Badger chemists adding the human interest touch to magazine advertisements have come to our attention on several occasions (continued on page 11, col. 1)

## This 'n' That--

(continued from page 10)

sions within the past two years as, for example, Ansul Chemical's **Wm. R. Rinelli**, B.S. '33 in an October, 1956, issue of C & EN; and this year Wausau Extension Division's **Samuel Weiner**, Ph.D. '36, in the June 30 issue of Time as part of the "message" of a local insurance company in its Wausau Story in which a brilliant young high school science student is featured. But it remained for **Truman P. Kohman**, Ph.D. '43, to make Time in the science section on the basis of an article on tektites published by him in Britain's Nature. Dr. Kohman's interest in these glassy lumps of mysterious origin that appear to be unrelated to the rocks near them had led him to examine them critically. He found present, on analysis, considerable amounts of such radio-active isotopes as beryllium 10 and aluminum 26 and speculated that they might have come from outside the solar system; travelers, in a sense, from outer space.

After having acquired his undergraduate degree in chemistry, **Roland E. Kremers**, B.A. '15, son of the late Prof. Edward Kremers, B.S. '88, who in his day was director of the Pharmacy Course and professor of pharmaceutical chemistry at Wisconsin, earned his doctorate in '21 in the same field as did his father. For some thirty years thereafter he was affiliated with General Foods in the New York City area. In 1953 he severed his connections with this firm and joined the staff of the Paper Institute at Lawrence College, Appleton, Wis. Last October he was back on the campus to present the ninth Edward Kremers memorial lecture under the auspices of Rho Chi Society, in cooperation with the School of Pharmacy. The title of his lecture: Professional Attitudes and Education.

Before us lies the handsome card of The C. P. Hall Company of Illinois. And in the lower left hand corner appears the name **Vincent P. Kucski**, director of research. "Vince," Ph.D. '50, is a graduate of Wisconsin's Superior Teachers' College, a veteran of W.W. II and a former employee of Southern Cotton Oil in Savannah, Ga.

**Harold M. Lampert**, B.A. '13, joined the retirees about a year ago. His active career includes some two years of service in vari-

## Samuel Lenher

DuPont Executive

Exactly 26 years after he had entered the employ of E. I. du Pont de Nemours and Company, Inc., **Samuel Lenher**, B.A. '24, son of a former professor in the Department (1900-1927) reached the upper echelons of management of this giant among America's chemical manufacturers. By his election to the board of directors, to a vice-presidency and membership on the executive committee, after broad experience in the company, he became the youngest top-level executive among the group who direct the affairs of the company.

With his Wisconsin degree and a superior undergraduate record as his credentials, he enrolled in University College of London as a graduate student. The doctorate was conferred upon him in 1926. After that he did additional work at the University of California as a National Research Council fellow.

His first job with Du Pont was that of research chemist in the experimental station in 1929. He advanced through various positions to be manager of Chambers Works, the company's largest plant, in 1944. He was later made director of manufacture and then assistant general manager of the organic chemicals department. It was this post from which he was advanced to his present position.

In civil and charitable activities he is a director and past president of the Welfare Council of Delaware, a trustee of Tower Hill school, president of the University of Delaware Research Foundation, a past president of the Synthetic Organic Chemical Manufacturers Association, and a member of the board of trustees of the Wisconsin Alumni Research Foundation.

He married Irene B. Kirkland in 1929. The Lenhers have two sons and a daughter, John K., George V., and Ann.

ous units during World War I, his last assignment having been to the Sanitary Corps Water Analysis under the late Prof. Edward Bar-tow of Iowa. His career as a civil-



ian includes some 15 years public service as a chemist in the employ of the State of Wisconsin, a turn as chemist for a Madison brewery, and operator of the local unit of the Pepsi Cola Co.

The **Wm. D. Lewis**, M.S. '47, now are the parents of three children, the youngest William David, Jr., having arrived July 8, 1957. The senior Lewis is now in Terre Haute, Ind., with Chas. Pfizer and Co., Inc., in the agricultural research and development department.

**M. H. Lietze**, Ph.D. '49, of Oak Ridge National Laboratory, addressed the Department's colloquium in November 1957, on the subject of high-temperature aqueous solution chemistry.

American Can Company's **Roger H. Lueck**, M.S. '21, appears to be getting himself involved in a lot of extra-curricular work all stemming from his interest in research. We have learned that he is a director of the American Management Association and a member of its research and development planning council of which a Badger physicist, Guy Suits, is head. He is also a director of the Association of Research Directors in New York; and this organization is headed by Badger chemist **L. B. Parsons**, Ph.D. '23.

We understand that **Warren Lux**, Ph.D. '56, is now with Union Carbide and is active in its College department where his duties include, in part, interviewing job applicants and taking care of the correspondence pertinent to the company-sponsored fellowships.

**Frederick J. Mathews**, Ph.D. '43, is currently serving the Midwestern Association of Chemistry Teachers in Liberal Arts as its president. He also heads the Beloit College Sigma Xi Club.

With the passing late this winter of Carleton College Emeritus Professor **A. T. Lincoln**, Ph.D. '99, **Russell S. McBride**, M.A. '09, becomes as far as we have been able to determine one of the few living Badger chemists to have been presented with a diploma certifying fifty years of continuous membership in the American Chemical Society. Badger chemist McBride has spent practically all of his days, since leaving the campus, in the Federal service in Washington, D.C., in editorial work with several McGraw-Hill publications, in activities associated with the war effort,

(continued on page 12, col. 1)

## This 'n' That--

(continued from page 11)

and as consultant in chemical and food engineering fields.

We have learned that **Kirtland E. McCaleb**, Ph.D. '49, has been advanced from the position of project leader in chemical research to leader of the nitrogen section at General Mills.

The **Richard T. Meyers**, B.S. '56, first born, a girl, arrived on January 16 of this year: her name, Lynn Allyson. Lynn's dad is a graduate student at the University of California (Berkeley).

**Melvin Mueller**, B.S. '39, is serving his community as a member of the Germantown, Wis., board of education, and as president of the Washington County School Board Association.

**Otto W. Neuhaus**, B.S. '44, made biochemistry his major interest (Ph.D. '53, Michigan) some years after graduation. He is employed in the research laboratories of the Huron Milling Co., Harbor-Beach, Mich., manufacturers of monosodium glutamate. The Neuhaus family now includes a son, Thomas, and a daughter, Carol.

**John X. Neumann**, B.S. '10, reported that his son, formerly a professor of pathology at the University of Oregon Medical School, has taken over his laboratory, St. James Hospital Laboratory, in Butte, Mont., and that, as a retiree he has done many things that have always been in his mind but for which he never found time; such, as we presume, two trips to Europe within the past three years.

We have learned that California Research Corporation's research chemist **Stephen W. Nicksic**, Ph.D. '50, has been promoted to group supervisor at its Richmond laboratory.

**Wayland E. Noland**, B.A. '48 (Ph.D. Harvard '52), informed us, last October, that among the graduate students in Minnesota's organic chemistry division there were at that time, as students of Badger chemist, **C. F. Koelsch**, Ph. D. '31, **Edward W. Berndt**, B.S. '51, and **Daryl L. Ostercamp**, M.S. '55. We learned also, that he had had a "real busman's holiday" during the summer of 1956 when he served as a visiting instructor at the University of British Columbia.

We have learned that **Mary Jane Oestmann**, Ph.D. '54, has returned from Oslo where she had found

employment in Kjeller Atomic Energy Institute after having completed a visit to several European cities in the summer of 1954. At last reports she was a staff member, as principal chemist in radio isotopes, of Battele Institute, Columbus, Ohio.

**Chester T. O'Konski**, B.S. '42, Ph.D. (Northwestern) '49 and **David Perlman**, B.A. '41, Ph.D. (Biochemistry) '45, were campus visitors during the second semester when both lectured in the school of Pharmacy. They had been invited to come to the University on Kemper K. Knapp visiting professorship. The former, who holds an associate professorship of chemistry at the University of California at Berkeley, gave eight lectures over a four-week period on the general topic of the physical chemistry of phase transitions and Badger chemist Perlman, in four lectures spread over two weeks, discussed certain instances of the effects of microbial activity on organic compounds of pharmaceutical interest.

Quaker Oats v.p. **F. N. Peters**, Ph.D. '25, has informed us that he and **Charles J. Krister**, M.A. '37, have had a lot of fun together the past three years working with the Food Protection Committee of the National Research Council. Badger Chemist extends a congratulatory welcome to Dr. and Mrs. Peters on the occasion of their affiliation with the grandparent's club: their sponsor, a granddaughter.

**Marshall E. Peterson**, M.S. '53, has returned to the States from Mexico where he had been employed by Ray-O-Vac de Mexico, S.A. He is now in H. Reeve Angel Co., New York 7.

**Carl V. Piper**, B.S. '30, is now a member of the staff of the Institute of Paper Chemistry, Appleton.

Our thanks to **Albert Preuss**, Ph.D. '53, for his complimentary remarks on the newsletter. "It is read thoroughly by all Badger chemists at Rohn & Haas," he said.

Has **Everett H. Pryde**, Ph.D. '49, left Du Pont's electrochemical department at Buffalo for a position in the Federal service in USDA's Northern Research Branch, Peoria, Ill.?

Announcement was made on June 14 by Prof. and Mrs. R. V. Ratcliff of the marriage of their daughter, **Ann Taylor Ratcliff**, B.S. '57, to John V. Bergen, a

graduate student in the School of Pharmacy.

Prof. **Victor A. Reinders**, Ph.D. '35, of UW-M became the country's No. 1 trapshooter for 1957 at Vandalia, O., by breaking 961 out of 1000 targets. This feat brought him the over-all championship of the 58th Grand American Trapshoot. He was elected president of the American Trapshooting Association.

**Robert B. "Judge" Reynolds**, Ph.D. '28, reached retirement a year ago last October and at month's end left Hollingsworth and Whitney Division, Scott Paper Company, Mobile, Ala., for a professorship in Alabama College in Montevallo. He "believes" that he will enjoy his association with college life again.

Franklin and Marshall College (B.S. '44) alumnus **Wm. E. Rice**, Ph.D. '52, formerly with Experiment, Inc., Richmond, Va., is now a staff member of Beloit College with the rank of assistant professor. He is teaching general and physical chemistry.

Schlitz Brewing Company retiree **Hugo W. Rhode**, B.S. '01, appears to be the surviving member of the group of four chemistry majors of his class. He, the only one of his colleagues who, throughout their active years, completed a career as an industrial chemist, is now the oldest living member of the Wisconsin Academy of Sciences, Arts, and Letters, a record which brought him, last May a certificate of Honorary Life Membership in this organization. He joined it in 1898.

Our last—and only—information on **Cowin C. Robinson**, Ph.D. '43, was that he was a member of the chemistry staff at North Carolina State College, Raleigh.

**J. A. Roof**, Ph.D. '38, is senior chemist in the exploration and production division of Shell Development Company in Houston, Texas.

Consistent contributor to Badger Chemist is Du Pont's **Chester K. Rosenbaum**, Ph.D. '30, who has been a research section manager, polychemicals department, for some seven years. We understand that he and **Ed. Bloom**, Ph.D. '40, see each of the candidates who visit "polychemicals" on interview trips from Madison and that this activity keeps them up to date on university affairs.

(continued on page 13, col. 1)

## This 'n' That--

(continued from page 12)

**Donald A. Roth**, Ph.D. '44, (M.D. Marquette), has completed his residency in internal medicine at Milwaukee County Hospital. He is now a staff physician there in medicine, assists the assistant medical director, and has charge of the research projects of the medical residents. His wife, the former **Marie Mercury**, Ph.D. '52, "holds down the home front," does some abstracting and finds time occasionally to attend an "organic" symposium—as a combination refresher course and vacation.

**B. F. St. George**, B.A. '42, is employed by Milwaukee's Pittsburgh Plate Glass Co., in resin and plastic manufacturing.

**John Hoke Schneider**, B.S. '53, has joined the staff of American University, Beirut in Lebanon, as assistant professor of Biochemistry.

**Walter T. Schrenk**, Ph.D. '22, of Rolla, Mo., is one of some seven corresponding editors of *National Fluoridatin News*, a sheet described by one of his friends as "a publication directed toward combating fluoridation of public water supplies."

**Juel P. Schroeder**, Ph.D. '48, who led a research group at Union Carbide's Bakelite Division, has been appointed assistant director of research.

We are now in a position to answer, in the affirmative, our question (Newsletter 5) about **Wm. F. Schroeder**, B.S. '38. We met up with Bill and his charming missus in Memphis last April at the meeting of the American Oil Chemists' Society. He is doing right well there; and that pleases his former professor who, in a sense, underwrote Badger chemist Schroeder for his present job.

**Henry A. Schuette**, Ph.D. '16, has been made an honorary life member of the Wisconsin Academy of Sciences, Arts, and Letters, in recognition of his more than 40 years of membership in this organization and "faithful service to it and Wisconsin." He is a past president and still serves on the Governing Board of the Academy. The American Oil Chemists' Society has made him an emeritus member as one of its former living presidents, and even before this rash of recognitions broke out the Board of Directors of the Uni-

## Kenneth H. Hoover

Research Director

As director of research with R. J. Reynolds Tobacco Company, Winston-Salem, N. C., and a member of its Board of Directors since 1953, Iowa-born Kenneth H. Hoover, B.A. '21, heads a staff of 51 scientists, plus a supporting personnel of 123, in the six units—analytical, biochemical, chemical engineering, chemical information service, and agricultural—which are necessary for the efficient functioning of the company's research department. His affiliation with Reynolds in 1950 was coincident with the management's decision to expand its research activities in a very substantial way; and, under the capable direction of Badger chemist Hoover in their new three-story, air-conditioned modern laboratory, the move appears to be paying off handsomely.

He began his professional career upon graduation from college with National Aniline and Chemical Company in the East; then returned to the midwest in 1926 for what was to be an eight-year association with the Miner Laboratories of Chicago as senior fellow on a Glycerine Producer's Association-sponsored project. From Chicago he moved to Terre Haute to accept the plant managership of the Indiana Wood Preserving Company. In 1936 he joined the scientific personnel of Commercial Solvents Corporation of that city as a research chemist, a position from which he was advanced in seven years to that of vice-president in charge of research and development.

He served as lieutenant of infantry in World War I and was a member of the Penicillin Industry Advisory Committee and the Milk Sugar Industry Advisory Committee under the War Production Board in World War II.

The Hoovers have three children: Helen Jane (Mrs. George L. Kistner), and sons Robert Harry and Charles John.

University Club had taken the same step. And the University provides him with office space—and free on-campus parking—that he may carry on his writing activities. Oh



retirement, where is thy sting?

**Elmer L. Severinghaus**, B.A. '16 and M.D. (Harvard) '21, retired last January as v.p. for clinical research at Hoffman-La Roche, Inc., Nutley, N.J. We understand that he expected to continue his residence in Essex Falls, N.J.

**Robert R. Seybold**, B.S. '56, at this writing, is a research assistant in biochemistry and his wife is completing the dietetics course in the School of Home Economics.

**Paul R. (Dick) Shafer**, Ph.D. '51, has been promoted to an associate professorship at Dartmouth, from assistant professor.

**Henry M. Shuey**, Ph.D. '49, returned to the campus last November as guest speaker of the Wisconsin section, ACS. He, a ballistics chemist at the Redstone Arsenal Research Center of Rohm & Haas at Huntsville, Ala., presented a very interesting and informative description of the process involved in the development of a new rocket fuel. Security restriction, of course, prevented him from naming any of the actual chemicals used, or studied for use, at Redstone but these restrictions did not shackle his abundant sense of humor with which he highlighted the frustrations and the rewards of those participating in rocket research.

Another Badger chemist who, on joining the retirees, now finds himself in a position to follow a hobby, is **Paul W. Simonds**, M.S. '21. From his vantage ground in Washington, D.C., with its good libraries, he is doing some historical research on the scientists and mathematicians of the 14th, 15th, and 16th centuries. And to get some local color for his self-assumed task he spent some ten weeks with his wife during the summer of 1957 in Europe visiting some of the places in which the people in whom he is interested lived and worked.

**Leslie L. Sims**, Ph.D. '55, is with Ethyl Corporation in Baton Rouge, La.

**Thor L. Smith**, Ph.D. '48, is section chief of the solid propellant chemistry section, Jet Propulsion Laboratory, operated by Cal. Tech., in Pasadena, Calif.

It has come to our attention that **Willard F. Spengeman**, Ph.D. '35, is the new director of Du Pont's technical service laboratory.

**Charles Stammer**, Ph.D. '52, has let it be known that he has been happily employed at Merck &

(continued on page 14, col. 1)

**This 'n' That - -**

(continued from page 13)

Company since he left Wisconsin in the spring of 1952. The Stammers, who are living in Clark, N. J., have two children, David and Nancy, four and two years old, respectively; have owned their own home for over a year, and are, apparently quite content to be where they are "for a long stay."

Chemistry course graduate, **Wm. H. Stark**, '36, went over to the Ag. campus for graduate work in biochemistry and agricultural bacteriology (Ph.D. '39). For seven years after graduation he was associated with the fermentation industries after which he turned his talents into other channels. In 1954 he became assistant to the president of Standard Ultramarine and Color Co. At last report he was executive v.p. of this company. He is married to the former **Mary Amoss Brush**, B.S. '38.

Columbia University's Belgium-born **Gilbert J. Stork**, Ph.D. '45, is now a member of that group of Badger chemists whose accomplishments in their particular fields have brought them a special award. In his case it is the ACS Award in Pure Chemistry, sponsored by Alpha Chi Sigma professional fraternity. Badger organic chemist Stork worked at Milwaukee's Lakeside Laboratories for a year after graduation, then was a member of Harvard's faculty until 1953, after which he switched to his present affiliation where he was made professor in 1955. Throughout his career, he has made significant contributions to the field of natural products, particularly in syntheses, such as steroids and alkaloids.

**Albert W. Stout**, Ph.D. '34, is co-inventor of the "swellograph," an apparatus that has become standard equipment for measuring the effectiveness of water repellents for wood. He is the Western Pine Association's representative on the Preservatives Standards Advisory Committee, of the National Woodwork Manufacturer's Association. He is the chairman of this committee.

**Leo F. Streeter**, B.S. '40, is now assistant manager of technical employment, Midland Division, the Dow Chemical Company.

**Mollie Gedney Supple** (Mrs. Lee F.), B.A. '14, and her husband left Chicago on his retirement as professor of chemistry at Illinois Insti-

tute of Technology some nine years ago and took up residence in Kirkland, Wash., an area which, we understand, is a beautiful one. Their house overlooks a lovely valley.

**Donald Swanson**, Ph.D. '51, has been promoted to group leader; physical measurements, of American Cyanamid's research service department in Stamford, Conn.

We extend our sympathy to **Jane F. Taylor** (Mrs. Martin S.) B.A. '31, whose husband, a metallurgist, was fatally injured in a tragic accident at Pima Mine near Tucson, Ariz. Upon completion of the Boron, Calif., project (Newsletter 4), the Taylors had gone to Arizona where they had lived for ten months before his untimely death. Jane has returned to their farm at Gresham, Ore. Her address: Route 2, Box 652.

**Ralph W. Thomas**, Ph.D. '31, spent some ten years in Waukesha, Wis., as a teacher of chemistry and head of the science department in the local high school. He then entered the employ, as research chemist, of the Waukesha Foundry Co., whose specialty is food processing equipment; specifically sanitary pumps cast from special alloys for handling all types of food products.

Has **Luther Vaaler**, Ph.D. '47, left Batelle Memorial Institute of Columbus, Ohio, for a position in the development laboratory of National Carbon Company in Buffalo?

The Funkhouser Company's director of research, our **M. H. Veazey**, Ph.D. '26, informed us that his employer is a manufacturer of roofing granules for the roofing industry and producer(s) of mica for various users, not a supplier of the needs of the mining, milling and refining industries. (Sorry: we misinterpreted the company's letterhead. Ed.) Quoting from his letter of 10 December, 1957, "It might be of interest to my friends to know that our three children are all through college now. Paul has his M.D. degree from Western Reserve, 1955; Isabel her bachelor's degree from Iowa State College, 1952; and Bill his bachelor's degree in civil engineering from the University of New Hampshire, 1956.

At last report, **Richard L. von Treba, Jr.**, B.S. '53, had a Gibbstown, N.J., address. His employer: Du Pont.

A \$2500 research grant has been awarded for the second time to

**Harry A. Waisman**, B.S. '35, M.D. '47, by the Leukemia Society, Inc., of New York to help support his research program on leukemia in children. He is an associate professor of pediatrics at the University's Medical School.

**Vincent J. Webers**, B.S. '43, Ph.D. (Minnesota) '49, is a research chemist in Du Pont's photo products department. The Webers' have four children, one brother for each sister.

DePaul alumnus (A.B. '22) **Eugene J. Wechter**, Ph. D. '25, has been director of research since 1925 at Louisville Cement Company, Speed, Inc. He is a member of the Advisory Committee on Cement of the American Society for Testing Materials and the chairman of its Sponsoring Committee on Masonry Cement.

Following the merger of Oldbury Electro-Chemical Company in 1956 with Hooker Electrochemical Company, **Earl L. Whitford**, Ph.D. '24, was elected to the board of directors and made a vice-president of the continuing company. His major assignment, we understand, is the coordination of all the research and development activities on a company-wide basis, embracing the personnel and areas of interest of the former Hooker Electro-chemical, Niagara Alkali, Durez Plastics Corporation and Oldbury. With such a diversity of responsibilities on his shoulders, we suspect that Badger chemist "Whit" has few dull days; and we hope that he has developed a reasonable immunity to headaches.

**Donald R. Williams**, B.S. '37, and his wife, the former **Marianna L. Auer**, M.S. '41, are directors of Chippewa Plastics, Inc. of Chippewa Falls, Wis. He is also president, treasurer and general manager; she is vice-president and assistant secretary-treasurer. Initially the company was engaged in the manufacture of all types of plastic items, but is now primarily engaged, we understand, in the extrusion of polyethylene film of various sizes and characteristics for sale to converters.

The letterhead, Deutser and Willhnganz, now being used by **Robert A. Willhnganz**, B.S. '37, indicates an extension of his previous activities in the chemical sales field, that of manufacturer's representative. There are listed on his

(continued on page 15, col. 1)

## This 'n' That--

(continued from page 14)

business card some 11 products. Bob is continuing his consulting work and finds time to serve as a research scientist on the staff of the Research Institute of Science and Engineering of the University of Detroit.

We understand that **Donald W. Witt**, B.S. '49, has been moved up by Monsanto from a sales representative position in a midwest area (Newsletter 4) to branch manager, at Minneapolis, of their inorganic chemicals division.

Has **Henry J. Wittrock**, M.S. '49, left the employ of Thomas A. Edison, Inc., in West Orange, N.J., for a position of the west coast, and is he living in Opportunity, Wash.?

**Warren W. Woessner**, Ph.D. '40, informed us last November that his oldest son would reach the freshman-in-high-school stage this year and that he is quite interested in science of his own free will.

**John Wong**, B.S. '14, M.A. (Columbia) '16, retired, we understand, only a few years ago as owner and operator of The North China Tannery, in Tientsin, the largest of its kind in that area. He is the father of **Ruby W. Chiang**, M.S. '49, of Wilmington, Del. They make up the second father-daughter Badger chemist team within our memory at present.

Du Pont retiree **Walter H. Zartman**, Ph.D. '33, manages to keep busy in his young orange grove at Winter Haven, Fla. His elder son, William, is pursuing graduate studies in chemical engineering at Michigan—the doctorate is his objective—and son Charles is an undergraduate in engineering physics at Illinois.

For eight years after he left the campus, **Paul L. Zimmerman**, M.S. '40, was employed by Carnation Milk Company, Oconomowoc, Wis. In 1948 he changed his affiliations to Marathon Paper Company, Menasha, where he is in charge of the chemical testing service. The Zimmermans have four sons.

Ye editor has been a regular reader of Eastman Kodak Company's Organic Chemical Bulletin since its inception as Synthetic Organic Chemicals. He has found its articles interesting and instructive in that they often provide worthwhile reviews of procedures,

## Myron T. Herreid

Manufacturer's Executive



From cadet engineer in the extensive Koppers Company, Inc., to general manager and vice-president of one of its major units, the Gas and Coke Division; this, in summary, spells the 36-year professional career of Chemistry Course graduate Myron T. Herreid, B.S. '21, a native of Blair, a small community in Wisconsin's Trempealeau county.

He enrolled in the University as a sophomore after having spent a year at Minnesota; upon graduation he remained for a year on the campus as a lecture assistant in general chemistry to the late Prof. J. H. Walton; then he headed for Chicago to begin an affiliation with "Koppers" which was to remain unbroken until his retirement in 1958. His employment began in that era when hourly employees and plant salary men put in a work-week of seven thirteen-hour days. The night shift worked 11 hours. Office and laboratory employees fared a bit better; their's was a six-day week. It was, also, then the established practice of Koppers to require a cadet to work in every department in a plant and to know it well enough to operate it. After six years at Chicago during which period he had served in the laboratory as research engineer and in the plant as department head and night superintendent, he was transferred to other affiliates of the company. It was a move which was to take him into the management side of the business.

A tour of duty in a newly established plant in New Haven, Connecticut, which began as assistant superintendent in 1928, was followed within a year by promotion to superintendent and then to sales

old and new, in the field of organic syntheses. And he was particularly pleased to discover the name of a Badger chemist among the fairly frequent contributors to this company-sponsored publication. The author's name: research chemist **Carl W. Zuehlke**, B.S. '38.

manager in 1937; then in 1939 came a transfer to the St. Paul plant as general manager, and seven years later assignment to the Granite City, Ill., affiliate with its two blast furnaces and coke-oven facilities. In 1949 came his final promotion with Koppers as indicated in our lead-off paragraph.

Badger chemist Herreid appears to have enjoyed his work with Koppers Company—it has been strenuous at times and required much traveling—and with unconcealed pride at having been part of the organization, he retired this year from active participation in its affairs. He has been retained as a consultant.

## Addresses Wanted

Behrens, Frederick B., B.S. '28  
Campbell, William P., M.S. '26  
Cartwright, Ian J., M.S. '20  
Chase, Lucille E., B.S. '20  
Dirksen, Alvin J., Ph.D. '41  
Dunaway, John W., M.S. '50  
Enzer, Erica, M.S. '50  
Epstein, Samuel N., B.S. '19  
Feddersen, Pauline H., B.S. '39  
Freeman, Mrs. Andrew A., B.A. '21  
Gilbert, Gerald, Ph.D. '51  
Gilbert, Max, B.A. '15  
Gray, Otis P., Ph.B. '34  
Hankinson, Arthur J., B.S. '39  
Hannah, Mrs. Bert, B.A. '13  
Hart, Mrs. Thomas R., B.A. '46  
Hofmann, Lothar, B.S. '10  
Innes, Mrs. James, B.A. '16  
Lawrence, Harold A., B.S. '29  
Lindstrom, Frederick J., B.S. '51  
Meinke, Edmund R., B.S. '34  
Pattern, Harrison E., Ph.D. '02  
Rubin, Harry R., B.A. '36  
Rust, Stanley F., M.S. '34  
Saine, Vergil L., Ph.D. '48  
Schlig, Mrs. Hubert T., B.A. '25  
Schreier, John A., B.S. '11  
Schultz, Magnus P., B.A. '16  
Seamans, Herbert L., B.A. '06  
Shahani, H. S., M.S. '49  
Shapiro, Edward S., B.S. '42  
Sharpe, Robert W., Ph.D. '51  
Sohngen, James E., B.S. '52  
Sun, Cheng E., Ph.D. '33  
Throckmorton, C. L., Ph.D. '41  
Uribe, Vergaro, B., M.S. '45  
Warmuth, Henry J., B.S. '24  
Westerlund, Gilbert G., B.S. '27  
Wiener, George W., B.A. '43  
Wight, Edw. H., M.S. '15  
Wolf, Henry H., B.S. '20  
Zarem, Philip C., B.S. '34  
Zellin, Charles E., B.S. '37



**IF YOU WANT TO BE A CHEMIST**

(Tune: If You Want to Be a Badger)

If you want to be a chemist,  
Just come along with me,  
To the lab, where we scab,  
If we'd get our degree,  
Where we work 'till early morning,  
'Till two o'clock or three,  
In the lab, if we'd grab a degree.

**Chorus:**

That degree you will earn,  
There's organic to learn,  
And to get by phys. chem.,  
Midnight oil you'll have to burn.  
From the path that's straight and narrow,  
You never more will turn,  
In the lab, 'till you grab a degree.

If you want to learn organic,  
Just come along with me,  
You can tell, by the smell,  
That it's on floor numbered three.  
There you learn about "causation,"  
Whatever that may be,  
Work at night, expedite that degree.

**Chorus:**

That degree you will earn,  
There is Beilstein to learn,  
And to get by phys. chem.,  
Midnight oil you'll have to burn.  
From the path that's straight and narrow,  
You never more will turn,—  
In the lab, till you grab a degree.

**Quoting From Our Correspondents**

"Thanks for another interesting edition of Badger Chemist."—Roland Aubey, B.S. '49.

\* \* \*

"Thanks for the Badger Chemist. I enjoyed reading it."—G. C. Bailey, B.A. '09.

\* \* \*

Badger Chemist is always welcome."—David F. Barnes, B.S. '50.

\* \* \*

"Many thanks for the latest issue of Badger Chemist, and herewith a contribution for the 1958 edition."—W. T. Carnall, Ph.D. '57.

\* \* \*

"Please accept my most hearty thanks for all that you have done to make Badger Chemist such a success."—Burt H. Carroll, Ph.D. '22.

\* \* \*

"I am pleased to be numbered with the fold."—Carl J. Christenson, M.S. '25.

**Grads' Homelands Widely Separated**

The sun never sets on the homelands of the students pursuing graduate work in the Department. Six foreign countries, and Canada, are currently represented on the roster of students in this classification. The overseas students include one each from China, Egypt, Hong Kong, Korea, India, and Iraq. About 90 American universities and colleges are represented by the 170 or so potential higher-degree Badger chemists who were enrolled last semester.

The number of teaching assistants and research assistants was practically equally divided among the 133 which comprise this group. The WARF assistants numbered nine, fourteen fellows were paid by funds contributed by industry, and twelve were supported by the National Science Foundation. Other supporting agencies were the Rockefeller Institute, the Armed Forces, and the Atomic Energy Commission. The foreign students were sent here by their own governments.

"Please find enclosed a contribution toward publishing expenses of Badger Chemist, a wonderful publication."—A. B. Crowell, Jr., B.S. '28.

\* \* \*

"You have come up with one of the better alumni letters and in an amazingly short time."—Walter K. Dean, B.S. '39.

\* \* \*

"Good to learn of the whereabouts of many friends and alumni of the Chemistry Course."—Wm. A. Hadfield, B.S. '14.

\* \* \*

"We enjoy the Badger Chemist, and to confirm this we have enclosed a nicely fitting dollar bill."—Glenn F. Hager, Ph.D. '43.

\* \* \*

"I have enjoyed perusing the pages of Badger Chemist and recalling pleasant associations in the Department at Madison."—W. Floyd Holbrook, B.S. '20.

\* \* \*

"I really enjoyed Badger Chemist Newsletter No. 5."—Don H. Johns, Ph.D. '54.

"I appreciate your efforts to keep us informed through Badger Chemist. Very enjoyable to read of the activities and whereabouts of former classmates."—Wm. F. Krause, Ph.D. '34.

\* \* \*

"—the last Badger Chemist is most commendable. We (Edna and I) enjoyed it."—Carl H. Krieger, B.S. '33.

\* \* \*

"Pleased me no end to receive the Badger Chemist."—Edw. C. Kwasniewski, B.S. '32.

\* \* \*

"Enjoyed the Badger Chemist very much. Though not active in chemistry, I was glad to hear about old classmates and acquaintances. The editor is to be congratulated for the remarkable job he has performed in gathering and publishing all the interesting information."—Frederick W. Laird, Ph.D. '28.

\* \* \*

"I think the Badger Chemist is an interesting and useful publication."—Donald R. Lewis, Ph.D. '48.

\* \* \*

"I enjoyed the Badger Chemist and look forward to future issues. With best wishes."—Samuel H. Lipton, B.S. '42.

\* \* \*

"The newsletter seems to provide the only source of news about many of the men I knew at school but with whom, over the years, I have lost contact. I hope this activity can continue for many years to come."—Lester D. Lunsted, Ph.D. '42.

\* \* \*

"Enjoyed your last issue. Rather interesting to note where so many of the classmates ended up."—Donald T. Lurvey, B.S. '38.

\* \* \*

"—best of luck to you in your very worthwhile and interesting project. I surely enjoyed last year's newsletter."—Claire Olsen Meyer, B.S. '46.

\* \* \*

"May I express my gratitude for sending me a copy of the latest Wisconsin Chemical Bulletin (Badger Chemist Ed.) .This is a wonderful way to keep track of the boys who were at Wisconsin with us."—C. W. Muehberger, Ph.D. '23.