

# Wisconsin alumnus. Volume 65, Number 5 Feb. 1964

Madison, WI: Wisconsin Alumni Association, Feb. 1964

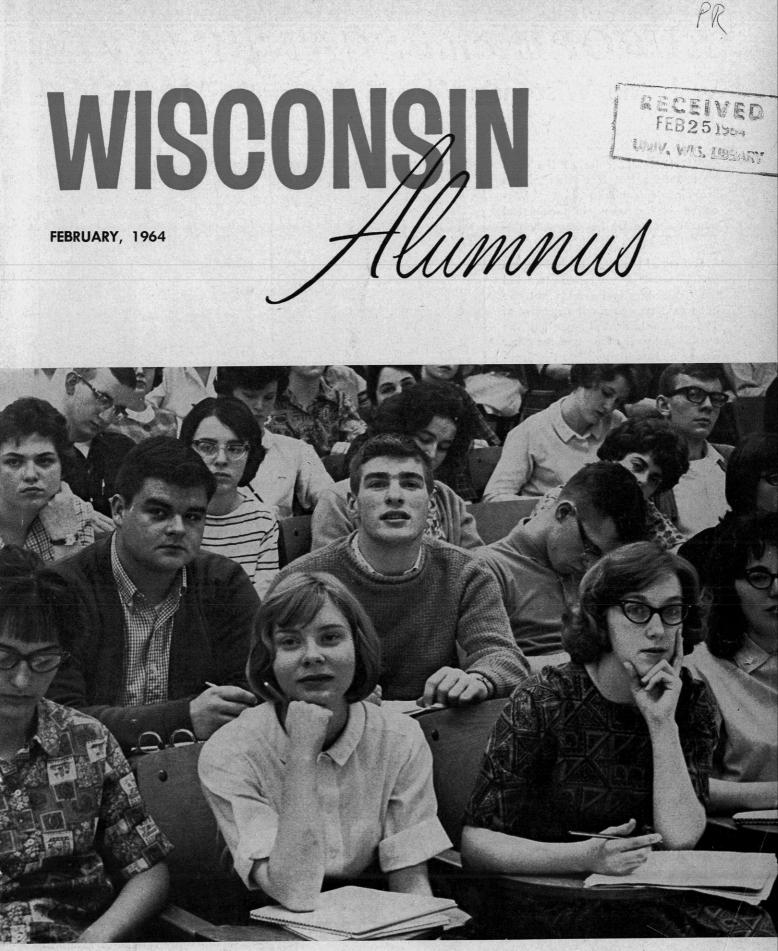
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continuing our look at the STUDENT

# EUROPE and SCANDINAVIA with the Wisconsin Alumni Association in 1964

THE HISTORIC cities of the Continent or the beauties of the Scandinavian countries await all Wisconsin Alumni who join the second annual Association holiday, July 11-August 2, 1964.

Success of the 1963 tour of Europe and demands for a repeat tour led the Association to organize not one but two itineraries for the summer of 1964—one basically repeating the trail of last year's tour, and the other a new and exciting visit to the Scandinavian countries.

Members of both tours will leave New York July 11 aboard an SAS jetliner for Edinburgh, Scotland. Both groups will enjoy a stay at the Hotel Royal and a tour of historical Edinburgh before separating for their preferred destinations.

From Edinburgh, the Scandinavian group will fly to Bergen and begin a tour which will include stays in that city, Ulvik, Balestrand, Loen, Gausdal, Oslo, Stockholm, Grana, Gothenburg, Aarhus, Vejle, Odense, and Copenhagen.

The Continent group will depart for London for two days, then on to Paris, Rome, Florence, Venice, Vienna, Lucerne, Heidelberg, Cologne, Amsterdam, and Copenhagen.

Both groups will meet again in Copenhagen for either the return flight to New York on August 2 or extension tours to other areas of Europe. The American Automobile Association, which is handling all arrangements, will be happy to work out individual travel plans for any member of the group following the completion of the tour.

Included in the cost of \$1440 for either tour is air transportation from New York and return, twin-bedded rooms in first class hotels, all motor





coach, steamer, and train transportation where used on the tours, all transfers of passengers and two pieces of baggage, all tips and taxes of a tour nature, three meals daily in all cities except London, Paris, and Rome, where two meals daily are provided, coffee or tea after meals, an AAA tour director, and all sightseeing listed in the itineraries.

Plan now to join one of these exciting tours. For complete details use the coupon on this page. To make sure space is reserved for you, you can include the appropriate deposit with your coupon.

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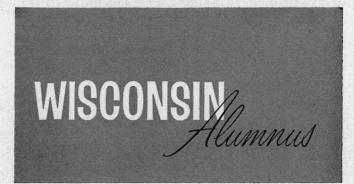
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February, 1964



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### 770 LANGDON STREET, MADISON

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Arlie M. Mucks, Jr. '43 Executive Director Edward H. Gibson '23 Director of Alumni Relations Arthur Hove '56 Editor

Alvce Weck '63 Associate Editor

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THE WISCONSIN ALUMNUS, published ten times a year, from October through July. Second-class postage paid at Madison, Wis., under the act of March 3, 1879, Subscription price (included in membership dues of the Wisconsin Alumni Association), \$5.00 a year. Editorial and business offices at 770 Langdon St., Madison 6, Wis.

Comments . . .





by Arlie M. Mucks, Jr., Executive Director

### A LOOK AT THE YOU OF WISCONSIN

**F**ROM TIME TO TIME, as we discuss the University and its progress with alumni from coast to coast, we often use the words pride, individual effort, understanding, participation and, finally, you. When we attempt to put you, the alumni, back in the University, we invariably have to incorporate that all-important ingredient—pride. Whenever you mention the University of Wisconsin and its many achievements in the fields of teaching, research, and public service, you must consider pride as the substance that binds our University family together. This sense of pride carries with it an assurance that excellence will be sustained from year to year, even from generation to generation.

Each of you maintains pride in your University for different reasons. Maybe it comes forward when the marching band takes the field on a crisp October afternoon, when a young athlete clad in cardinal makes that special effort, or when a Wisconsin scientist makes an important breakthrough in rolling back the limits of our knowledge. Perhaps you feel it when an outstanding faculty member is recognized for his professional achievements; maybe it is because of the excellent academic rating of your University, its high international reputation in many fields. Or you may simply take pride in returning to a booming campus, restless with the vigor of change and progress. Whatever the source of your pride, we must realize that it is the image cast by the proud that gives the University its luster, not only within our state, but throughout the world.

To sustain this pride among an alumni pub-

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lic is the special role of an alumni association. We publish your Alumnus which reflects the University's many areas of special stature. Our program of club activities throughout the nation provides a platform for keeping you up to date and brings people with similar pride together. When members of the administration speak to you at Founders Day functions, they relate a story of continuing excellence. quality from quantity, and many other reasons to have pride in the University of Wisconsin. We urge you to take part in alumni activities that bring you back to the campus for those essential people-to-people contacts. If you can't come back, make every effort to keep the Wisconsin spirit alive wherever you happen to be.

As the University grows and expands to provide greater opportunity for a continually increasing student population, your Alumni Association must assume a greater role in University development. We must increase our program of work and our staff. This means more resources must come from additional membership dollars. We are constantly urging more of our alumni to take part in our activities. You, as people with pride in Wisconsin, provide the base for strong support and a program of action, understanding, and participation.

As we the alumni walk shoulder to shoulder with the University through the years of challenge ahead, our success will depend on how much of *you* we can put back in the University. Our role is clearly defined and with the pride we share, the University will continue to serve mankind as it has in the past and must in the future because of *YOU*.

### news and sidelights

# ... about the University

### Robben Fleming Named Provost at Madison

**R**OBBEN W. Fleming, 48, professor of law at the University of Illinois, Wisconsin alumnus and former UW faculty member, was named provost of the Madison campus in January.

His appointment, effective next September, was approved by University Regents on recommendation of Pres. Fred Harvey Harrington and chosen from a slate provided by a faculty screening committee headed by Dr. Van R. Potter of the University Medical School. In addition to his provost appointment, Fleming was named professor of law on recommendation of the Law School with approval by the executive committee of the Social Sciences Division.

The acting provost of the Madison campus, Vice Pres. Robert Clodius, will concentrate his attention on the academic affairs of the complete University system as a member of the central administration when Provost Fleming assumes his new duties.

Born in Paw Paw, Ill., Dec. 18, 1916, Provost Fleming received the bachelor of arts degree from Beloit College in 1938, the LL.B. degree in 1941 from the University of Wisconsin Law School, where he was honored with membership in the Order of Coif.

He served as attorney for the federal Securities and Exchange Commission, Washington, 1941–42; mediator with the national War Labor Board, 1942; in the Army in North Africa, Italy, England, France, Belgium, Luxembourg, and Germany, 1942–46; and as advisor for the Veterans Emergency Housing Project, 1946–47. He joined the University of Wisconsin faculty in 1947 to integrate UW research, education, and service programs in the field of industrial relations and management and was director of the University Industrial Relations Center from its founding until he left Wisconsin in 1952 to join the University of Illinois faculty. There he served as director of the University of Illinois Institute of Labor and Industrial Relations until 1958 when he was named to the Illinois law faculty.

He was visiting professor in Germany in 1950, in Norway and Sweden in 1956. Last year he was made an associate member of the Center for Avanced Study at the University of Illinois, and currently is on a research grant there from the Walter Meyer Legal Institute.

Fleming was executive director, National Wage Stabilization Board, 1951; executive director, Armour Automation Fund, 1960–61; and currently is vice president of the National Academy of Arbitrators, member of the AEC Labor-Management Panel, member of the Illinois Governor's Committee on Unemployment, and member of the sub-committee on research, Office of Manpower

Wisconsin Women's Day April 21 Wisconsin Center

MRS. CONRAD ELVEHJEM General Chairman

MRS. VINCENT KIVLIN Program Chairman and Training, Washington. He has been umpire under a number of labor-management contracts and in 1962 was chairman of the board of inquiry for the Atlantic and Southern Coast longshore strike.

### Faculty Tenure Rules Receive Formalization

A CODIFICATION of University of Wisconsin procedures on academic staff appointment, tenure, and dismissal has been approved by the faculty and the Regents.

The codification, suggested by the Regents, includes formalization of some of the "unwritten laws" of the University. In the main, the code makes no changes in present policy.

The faculty approved the codification with the understanding that: (1) The president of the University has the discretion to decline to proceed with an investigation or charge against a faculty member on the basis of oral information, or to impose conditions for so proceeding; and (2) The president has the discretion to extend some measure of financial assistance to a dismissed faculty member regardless of the precise nature of the cause of dismissal.

The procedures provide for dismissal of tenure appointees only for cause and only, if the person wishes, after a formal hearing before the faculty's University Committee with right to appeal for a formal hearing before the Regents.

The codification was introduced in November by a committee headed by Prof. David Fellman, political science, and later was discussed at a public hearing on the Madison campus.



SOS—"Sabin on Sunday," the Dane County Medical Society's oral polio vaccine program, found University of Wisconsin personnel participating at its first trial run in the UW Field House in January. Dr. Fred Harvey Harrington (second from left), University President, was among the first to drink a tiny cup of distilled water containing two drops of vaccine, as was Prof. Arthur H. Uhl (left), dean of the UW School of Pharmacy, who helped administer the immunization doses; John E. Erickson, Badger basketball coach, and team Capt. Mike O'Melia (right), senior from Rhinelander. The SOS program will be carried out on three Sundays, Jan. 12, Feb. 23, and April 5, six-week intervals, in Dane County. The medical society has 220,000 doses of the vaccine, enough to immunize every person in the county.

The Regents unanimously approved the following preamble to the new legislation:

"In adopting this codification of the rules and regulations of the University of Wisconsin relating to academic tenure, the Regents reaffirm their historic commitment to security of professorial tenure and to the academic freedom it is designed to protect. These rules and regulations are promulgated in the conviction that in serving a free society the scholar must himself be free. Only thus can he seek the truth, develop wisdom and contribute to society those expressions of the intellect that ennoble mankind. The security of the scholar not only protects him against those who would enslave the mind but also against anxieties which divert him from his role as scholar and teacher. The concept of intellectual freedom is based upon confidence in man's capacity for growth in comprehending the universe and on faith in unshackled intelligence. The University is not partisan to any party or ideology, but it is devoted to the discovery of truth and to understanding the world in which we live. The Regents take this opportunity to rededicate themselves to maintaining in this University those conditions which are indispensable for the flowering of the human mind."

### **Programs Abroad**

WISCONSIN is one of four Midwest universities granted a total of \$3.5 million in a five-year grant by the Ford Foundation to form a Consortium for International Activities, Inc.

The grant is expected to increase enormously the activities abroad of Wisconsin, the University of Illinois, Indiana University, and Michigan State University. The Consortium will make it possible for member universities to render more effective technical assistance abroad; increase knowledge about significant problems in less developed areas related to economic and social developments and about the strategy of cross-cultural education; enrich campus academic programs related to various fields of international affairs; receive, hold, and administer gifts for the development of international educational activities; and enter into contracts for overseas operations.

"All of us at Wisconsin are delighted to have this opportunity to work together. We are especially pleased at the prospect of joining with the Ford Foundation in a pioneer effort to make the internationally-oriented career more attractive to able academic people. If we can do that, we will be rendering a real service," UW Pres. Fred Harvey Harrington said of the project.

The foundation earlier granted Wisconsin \$1,200,000 to support oncampus area and language programs on Latin America, India, Russia, Africa, and the Far East; and more than \$1.5 million to establish a faculty of economics at Gadjah Mada University, Indonesia.

A continuing grant to Wisconsin from the U. S. State Department supports a chair in economics at the University of Rio Grande de Sul, Porto Alegre, Brazil. Funds from the Agency for International Development have enabled Wisconsin to carry on an intensive study of agrarian structure and land ownership and land tenure in Latin America, and have established an International Cooperative Training Center on the campus.

With the support of the Carnegie Corporation, Wisconsin has established three Junior-Year-Abroad programs, in France, Mexico, and India, and is negotiating for a fourth in Germany. Peace Corps groups have been trained on both Madison and Milwaukee campuses.

According to campus specialists, these international studies and programs will be multiplied and greatly enriched through collaboration with Illinois, Indiana, and Michigan State.

### **Teacher Intern Program**

WHAT DO I have to do to become a teacher?"

Questions like that are pouring into the office of the University of Wisconsin's Teacher Intern Program from people all over the country who are needed at the head of the nation's multiplying classrooms.

And the UW program is supplying the answers—and showing the way —to scores of outstanding applicants. A new booklet, "The Teacher Internship Program-Introduction To An Idea," has just been published to provide hundreds of applicants with a look at this challenging UW program.

"We have 180 interns in 23 school systems and 50 different schools in Wisconsin," said Dr. John Guy Fowlkes, director of the program.

"If we can get qualified people and I mean outstanding people—we will have more interns in more schools next September.""

Next year the program hopes to place 300 teacher interns.

Dr. Fowlkes said getting outstanding people in the program is the biggest problem. The search goes on all over the country and one applicant was found in Ghana. "The people we want are in demand," Dr. Fowlkes said. "Every year we lose some applicants because they get fellowships or well-paying jobs elsewhere."

The Teacher Intern Program got underway in 1960 with 18 interns in five school systems. A Ford Foundation grant provides some financial support, but Dr. Fowlkes emphasized that cooperation of local school systems has been the key factor in the program's success.

Under the program a teacher intern spends a full semester in a school system, working under supervision of experienced teachers and UW staff members. All the interns are working for advanced degrees.

### The Surface of the Moon

**S**URFACE CONDITIONS to be anticipated when man first sets foot upon the moon have been outlined by a University scientist. From data now available on infrared radiation emitted by the moon, Prof. H. H. Lettau of the UW meteorology department has devised a mathematical model which provides rather detailed information on heat conduction properties of the moon surface and the nature of the surface itself.

"On the basis of available radiation measurements it has been concluded that the visible lunar surface cannot consist of bare rocks but must be covered by an extremely poor conductor, such as a layer of fine powder or dust or porous forms like pumice," Lettau explains. He adds that radio-wavelength radiation studies have also contributed knowledge of the physical properties of the moon surface material, indicating that a good conductor, like solid rock, underlies the uppermost porous layer.

Attempts to gauge the depth of the porous crust have thus far been unsuccessful in that estimates by various authorities who have worked on the problem vary from several millimeters to half a meter. While it is unlikely that the question will be completely resolved "before the first soft-landing of a space vehicle on the moon," a new mathematical model which Lettau has devised makes a much closer estimate of the depth of the surface layer possible.

### **Open Radiotherapy Center**

THE UNIVERSITY of Wisconsin Hospitals has opened its newly remodeled and expanded Radiotherapy Center at the Medical Center in Madison.

According to Dr. Halvor Vermund, director of the Radiotherapy Center, the new location will lead to better and more comprehensive studies and treatment of patients. A second purpose of the center is to develop a unit in which research and training can be provided in the field of radiotherapy of cancer.

The center's new location and equipment will provide opportunities never before available in giving the UW Medical Center a place to study effects of higher radiation and allow more precision in administration of these energies.

A special research laboratory will enable the center to perform studies which will aid in both diagnosis and therapy of cancer.

### Johnson Foundation Project

A PROJECT aimed at encouraging and counseling disadvantaged high school students to continue their education was launched by the University in December when Regents accepted a supporting grant of \$30,000 from the Johnson Foundation, Racine. Total cost of the threeyear project will be \$150,000.

The Johnson Foundation grant enables the University to begin the program immediately, with the first group of 25 students slated to begin the experimental program in September, 1964.

Designed to identify capable high school students who would not otherwise go to college, the program includes special counseling and college orientation sessions during their senior year in high school and remedial and enrichment courses during their first two years of college. The initial phases of the project are being worked out in cooperation with the Milwaukee public school system and will be operated through the University of Wisconsin-Milwaukee.

"The talent search must pervade every segment of society," H. F. Johnson, chairman of the Board of Trustees of the Johnson Foundation, said in transmitting the grant to the University. "We know there are many persons capable of going to college who are not doing so. The job is to identify promising high school students and show that continuing education is a 'must' in a rapidly changing society."

### **UW Fifth in Enrollment**

WISCONSIN ranks fifth in the nation in full-time student enrollment and its growth is accelerating, Dr. Garland G. Parker, University of Cincinnati, has reported in his annual survey of American collegiate attendance.

Full-time enrollment at UW campuses totals 30,868 and Dr. Parker counts 38,883 UW students when part-time enrollees are included. Wisconsin ranks sixth in grand-total enrollment. Wisconsin's ranking in both full-time and grand-total enrollments remains the same in this year's report by Dr. Garland as in last year's. Both UW enrollment figures represent 10 per cent increases over first semester last year. UW enrollment last year was up 8.4 per cent over the 1961 fall semester.

Average enrollment increases in 1,074 colleges and universities surveyed was 6.4 per cent full-time and 6.3 per cent including part-time students, Dr. Parker reported. In large public universities enrollment this year went up 8 per cent, still below the Wisconsin growth rate.

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### the STUDENT: Part II

Last month, we began a series of issues dealing with that perplexing subject—the STUDENT. Our first issue dealt with an historical look at the Wisconsin student, and a statistical analysis of the more than 24,000 students currently enrolled on the Madison campus. This month we turn to a study of those people and agencies responsible for regulating student affairs. Without this machinery, without an interchange between students and the University administration, the campus would be in a perpetual state of anarchy. On the following pages, we present a look at those people and departments whose concern it is to keep pace with—

# The Change in Student Affairs



Martha Peterson

### Martha Peterson Dean for Student Affairs

INTERVIEWING Miss Martha Peterson, University Dean for Student Affairs, is a reminder that The University of Wisconsin is in the midst of change.

Her office is in Van Vleck Hall, one of the striking architectural indications that the campus is growing and changing. The position she holds is an organization chart indication of the change. Dean Peterson's promotion from Dean of Women to her present job is part of President Fred Harvey Harrington's formation of a central University administration in addition to the administrations of the various campuses of the University.

Hearing Dean Peterson discuss her work is an indication of how the growth is being handled. She spends time on both the Madison and Milwaukee campuses now, and is beginning to work with personnel and students of the nine University Centers. The Center system, operating in Marshfield, Wausau, Menasha, Kenosha, Green Bay, Manitowoc, Sheboygan, Racine, and Marinette, is now under the direction of the Extension Division. As of July 1, however, the system will be headed by a provost as the Madison and Milwaukee campuses are now, and will assume the status of a third collective campus.

The fact that a job like Dean Peterson's exists is one answer for those concerned that the large university has little time for doing anything about students besides finding places to teach and house them. The position of University Dean for Student Affairs exists so that there is somebody to do what you often hear those who work with students wish they had more time to do: look at the overall picture of student needs and what the University is doing to meet them.

Dean Peterson does not have to worry about the specifics of getting a dormitory or union building open on the day that students return to campus or about helping a student get a loan.

"My job is to see where we're not doing the job we're supposed to, to see where we need additional staff. I'm responsible for knowing what's happening in the agencies which work with students and bringing this information to bear on the day-to-day operation of the University," she explains.

This means that when the University evaluates one of its services to students-like financial aid-Dean Peterson looks into all the aspects of University operation which have something to do with how much it costs to go to college. What results are new ways of looking at the service and new ways of offering it. A recommendation from Dean Peterson on financial aid for students, for example, would not be confined to the area of student loans and scholarships. It would also cover ways of keeping costs down in the first place, and might, for example, relate University housing to student costs and raise the question of whether the University is building enough low-cost housing like cooperative houses.

Some of the more challenging aspects of Dean Peterson's job would be well understood by parents of college-age students, because the University has to solve many of the same problems parents do, though many students are very resentful of the University's tendency to act "in loco parentis" in some areas.

"As students grow to more respon-

sibility, we should let them have it, but that isn't easy," Dean Peterson says. "We also have to aim at standards helpful for the greatest majority and this doesn't supply the help that some of them need and it's more than enough for others." One way the "give more as students grow more" theory is put into operation is in the form of placing more controls on freshmen, and this, Dean Peterson says, is by way of inducting them into campus life.

There are, though, some advantages to having such a diversified group of people on campus, according to Dean Peterson. For example, she says, if an immature student draws for a roommate a much more mature student of wider experience, there is some incentive to head for a more mature way of life. Dean Peterson also believes that student conduct today isn't so much controlled by the idea that there is, somewhere, a "benevolent dean" who will swoop down on a student who commits a minor transgression. What's more likely to happen to the temporarily out of-line student today, she says, is that "some woman in his class who's the age of his mother just looks at him and he shapes up."

Students today are, as Dean Peterson feels they have the right to be, "restive about their rights and privileges. They're grown up now, and they expect the administration to explain its reasons for what it does."

These explanations aren't always easy, she emphasizes. "How, for example, do you reconcile for students the fact that on the same campus where students are not told what speakers they may or may not listen to, some of them have to be home by 11 p.m. and there are occasional bedchecks?"

The latter situations exist because the University does feel a certain amount of responsibility for creating some kind of orderliness in students' lives. Women's hours, requiring students to register parties, and declaring "closed periods" when no student activities may be held during final examination periods work in this direction, and housing is directed toward providing order in eating and sleeping.

In the main, however, agencies which work with students are more helpful than regulatory, and Miss Peterson's job does not put her in the position of being a circuit rider, preaching on student conduct on the various campuses. When she works with students individually, she says it's mostly because the students have a question they want raised somewhere. "Usually it's a question of basic principles they're concerned about. They don't expect me to do anything about it, but they do expect me to raise the question for them where it counts."

Another aim of the administration which Dean Peterson works to carry out indicates that the University is interested in following up at the individual level the changes it makes as an educational entity.

"We believe that a student's experience at the University of Wisconsin should be fundamentally the same, regardless of which campus he attends," she says.

### Lewis E. Drake

### Acting Dean of Students

A CTING DEAN of Students Lewis E. Drake is head of the University Counseling Service and has had a long career of dealing with students and their problems. As Dean of Students, Dr. Drake is responsible for the supervision of all student activities outside of the classroom. This embraces everything from a water fight to an honors convocation.

Currently, the office of the Dean of Students is in a state of transition. Drake, who was appointed Acting Dean when LeRoy Luberg was named Dean for Public Affairs, considers his appointment an interim one. In March, a plan for the reorganization of the office may be presented to the Regents.

The purpose of the new plan will be to consolidate the many student agencies on the campus into one central administrative structure under the Dean of Students. "We want to pull things together," Dr. Drake says. "And we want to build a staff

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with certain competencies; that is, highly qualified people who will be useful to the University in more than one area of student service. This will mean that the consideration of the needs of the student will have a greater influence on the educational decisions of the faculty. And we want it to result in a stimulation of comprehensive research to obtain a broad catalog of facts before making any decisions pertaining to student affairs.

"The new plan is designed to keep as much a personal touch with the student as is possible in a big university." The increasing size of the University does not disturb Dr. Drake. He feels that the only argument against a big university is "if the student becomes lost." The reorganization hopes to prevent this by helping the student "see himself and perform effectively" in an environment of bigness.

The new plan is also designed to give additional status to the Dean of Students, to put him on a level with the academic deans of the colleges and schools of the University.

Dr. Drake feels that the Dean of Students should be concerned with

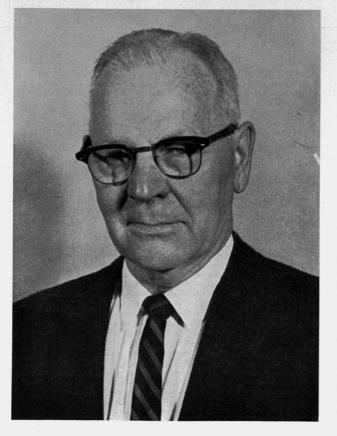
L. E. Drake

"the educational development of the student rather than exerting a police authority." As chairman of the Student Life and Interests Committee (SLIC), he has a continuing opportunity to exercise this belief. The committee, which exercises control over all extra-curricular activities, is composed of four students and ten faculty members and has five subcommittees with equal student-faculty representation.

Because he has had such an extensive experience of working with students, we asked Dean Drake if he felt they had changed at all during the past 15 years. "I think we have better qualified students coming to the University," he commented. "Our Wisconsin high school people are doing a better job of helping students decide where to go to college.

"I also think students are a little more sincere these days. They realize the importance of a college degree and they're aware of the quality of the competition. Going to college has become a more serious thing than it was a generation ago.

"Of course," he adds, "we still have our playboys and playgirls."



### Theodore W. Zillman

### Dean of Men

THEODORE W.("Ted") Zillman has been Dean of Men at the University since 1950 when he succeeded Paul Trump in the position. The generations of students who attended the University before that time will remember the beloved Scott H. Goodnight who served in that position for many years.

Dean Zillman explains that the Dean of Men was the first student personnel worker on the American college scene. His responsibility was to serve as an agent of the faculty in carrying out its policies in socalled "student affairs." Initially the faculty instructed him to give attention to two chief areas where problems had arisen. These were (1) to prevent student life outside the classroom from interfering unduly with the college's educational programs and purposes; and (2) to see to it that student relationships with the "town" continued to meet community and university standards of responsible citizenship.

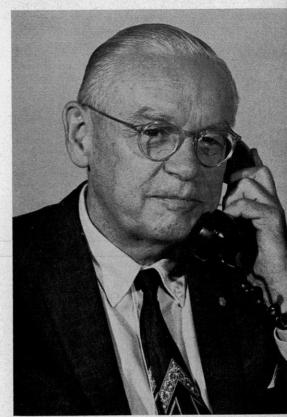
These are still of importance today in Dean Zillman's opinion. "The counselling of students concerning the use of their time outside the classroom is certainly a continuing concern to those of us in student personnel work. Then, too, helping students solve the problems of their many and sometimes intricate relationships with their fellow students. their teachers, their parents, and their fellow citizens of Madison will always be a responsibility of this institution. We aim at helping students train themselves for accepting the full responsibilities of creative citizenship. I am very thankful for my law training and the years of practice which I experienced under the tutelage of my father," says Zillman.

Nowadays Dean Zillman believes that counsellors of students place much emphasis on helping students design co-curricular and extra curricular programs to augment the University's educational curricula. Students learn much while at college from one another in their daily individual and group activities, he stated. "We seek to teach, therefore, that deep sense of obligation to the community and the skills and techniques by which one discharges this vital obligation of American citizenship.

"Wisconsin alumni are patently demonstrating how well they have learned these lessons", Zillman said. "Their contributions and leadership in their home communities are outstanding. We at the University salute them also for their continuing regard for Alma Mater and their willingness to devote of their time and energy to her support. Those of us in student affairs certainly include their support of and interest in student life on campus."

Since he has been Dean of Men, Zillman feels that one of the most significant developments in Student Life is the development of the housemother and the resident counselor system in our fraternities. The housemother gains in stature with each year in the eyes of our fraternities. Resident Counselors, who are all graduate students, have served as exemplars for fraternity men and aided them to assume the full responsibilities implicit in a self-organized and operated program.

The controversial University policy of *in loco parentis* has been of continuing interest to Dean Zillman. He feels that this is not a negative force in the life of students, and is often misunderstood by them. "The University should provide counsel and help for its young people just as the parent would at home. An Alma Mater which will not assist when the student is sick, discouraged, confused, temporarily defeated and in need of counsel and guidance, is not worthy of that name."



#### Theodore Zillman

Mrs. Patricia Tautfest

### Mrs. Patricia Tautfest-Acting Dean of Women

I NTERVIEWING Mrs. Patricia Tautfest, acting Dean of Women, makes you wonder if dean of women's offices have changed so much since you were a student or whether they seem different—more helpful than regulatory—because the last time you thought much about a Dean's office, you were a student.

Mrs. Tautfest acknowledges that point of view does have something to do with how her office is regarded, and says it would be hard to say what an attitude survey among students would turn up on the Dean of Women's office. She does believe, though, that "in the main, we have 'satisfied customers' who feel they've gotten understanding and a fair evaluation on the problems which bring them in."

Perhaps what's most appealing to the non-student about the services of Mrs. Tautfest and her staff is in the area of financial aid. A student's trip to the Dean's office to request a student loan may turn into a budgeting session, aimed at seeing if the girl really needs a loan. "Sometimes we get crabby," Mrs. Tautfest admits, "but sometimes it takes that to help put law and order in this facet of students' lives." What often results from the rule that each woman student requesting a student loan must come to the Dean's office is a new evaluation of the student's financial problems. "Maybe we can help her get a scholarship she hadn't thought of applying for, or maybe she winds up applying for a smaller loan, with the balance covered by part-time work we can find for her," Mrs. Tautfest says.

"Mostly, we're in business to keep people out of difficulty," Mrs. Tautfest says, adding that her only brush with disciplinary action is through her ex-officio appointment on the committee on Student Conduct and Appeals.

One of the indirect ways the office works to keep people out of difficulty is to act as a clearing house for hiring house mothers for women's living units. This function, the acting Dean says, is to get the right kind of personnel in the right kind of living units. She emphasizes that different kinds of houses with different kinds of students require different kinds of house mothers.



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The Dean's office also works with house mothers throughout the year, in monthly meetings where policy changes are reviewed, counseling techniques discussed, and resource people from various campus agencies are heard. "These women are on the firing line and we want to do all we can to make their jobs easier for them," says the Dean.

The Dean of Women's office also deals more directly with student problems. "The pattern here usually is that we refer students to the student counseling service or to student health rather than doing extensive counseling ourselves. But we do help them identify their problems and the sources for helping them solve them."

Records kept in the Office of the Dean of Women on all undergraduate women—data sheets filled out at enrollment, test scores, description sheets filled out annually by house mothers or house fellows on each resident—provide another way for aiding students, though many women do not like the idea of being kept "on record." The records, however, do remain confidential, and are helpful to Mrs. Tautfest and her staff and often to the student when recommendations are requested from the office. "A girl's record may show one fall from grace," Mrs. Tautfest explains, "but if it also shows that most of the time she is a responsible citizen, we are able to get that broader picture for having kept adequate records."

Records are used, too, when the Dean's office is asked to supply material on students who have appealed to a committee of their college or school after they have been told that they will be dropped from school for academic reasons. Sometimes the records show mitigating circumstances, and help the girl in substantiating her claim before the committee.

The three major goals of the office of the Dean of Women are: (1) to be an easily identifiable and readily available source of information and help to women students and their relationships with women students; (2) to develop an understanding throughout the University of the differences in life patterns between men and women and the effect these differences have on women's lives in and after college; (3) to provide leadership in securing the kind of climate on campus which permits and encourages the maximum development and utilization of the potential of women.

However, when Mrs. Tautfest addresses students at occasions like Freshman Convocation, the goals get translated into, "If you don't know where to go, come see us. There are usually many things we can do to help, and if we can't, we'll find out who can."

And from the looks of her calendar—one day's notation showed appointments with eight students, and there are three full-time and one half-time other staff members in the Dean's office whose calendars are similarly filled—many students accept the invitation.

# An Example of the Change in Student Affairs: New Hours for Women

**F**OR MEMBERS of Coeds Congress, legislative body of the Associated Women Students, and particularly for women students on the rules committee of Coeds Congress, November 1, 1963, marked the culmination of many months of hard work. The date meant something to most undergraduates on the campus, too, for it brought into effect new hours for women.

Now, dormitories and sorority houses close at 11 p.m. on week nights and at 1 a.m. on weekends, where before they closed at 10:30 and 12:30. The biggest change in the rules came for senior women, who have completely unrestricted hours (those under 21 require parental permission to participate) and junior women, who have unrestricted hours on weekends. Freshmen and sophomores also picked up more freedom in the form of being able to make more later permissions on weeknights.

The rules change made Wisconsin one of the more lenient schools in the Big Ten, though the hours are still more strict than several public and private schools around the country. Acting Dean of Women Patricia Tautfest said Wisconsin's transition from "strict" to "more liberal" went smoothly, and said she wasn't surprised that "the girls are not trying to find things to do to stay out late" or that 'they are not using the new hours excessively." "The girls who pushed for the change in hours were interested not in unlimited freedom but in the right to make their own decisions."

The many documents prepared by the students in getting their case before the necessary groups for approval support Mrs. Tautfest's evaluation of the motivation for the hours change, and show a successful effort by a mature, well-organized, articulate group of students to change old rules to fit new conditions.

The first point made in the reports was that the rules as they stood commanded little respect, that they were enforced, but with little en-

thusiasm, and that girls who violated them were condemned chiefly for being caught, not for having done anything inherently wrong. "There is a strong feeling that the restrictiveness of the present hours is an affront to the maturity and intelligence of girls who are pursuing advanced academic studies."

The "committee for change" concluded that the University's purpose in maintaining a system of women's hours should be to "provide a framework, as large and flexible as possible, within which women would be given as much freedom and responsibility as is commensurate with their ability to budget their own time and take care of themselves."

There seem to be a number of reasons for setting up this framework. The first is procedural, the fact that in running any kind of household where a number of people are living together, organization must be provided and rules maintained to ensure cooperation and consideration for others. The second concerns the welfare of the individual student and operates on the premise that girls at the University, particularly the younger ones, need a certain amount of protection, both from themselves and from others who might exploit them. This is a fast-moving campus and many girls come to it from sheltered home environments. Hours regulations are aimed at giving them the guidance and the security which will enable them to make the transition to being on their own in a campus community where much besides study can occupy one's time. Moreover, regulations which ensure knowledge of a girl's whereabouts are also important, not for the sake of discippline, but as an indication that someone in this big, impersonal university, cares about the safety of a girl, and can take action should she be missing or in trouble. Third, many parents of university women have expressed a desire that their daughters, not yet legally of age, should be regulated in this way.

"These purposes seem to us to be right and reasonable. On the other hand, we have encountered some suggested purposes for hours which we do not feel are valid. One of these reasons is the exertion of indirect control over the men through the women. In the first place, the concept that women are inferior beings is outdated, at least in the eyes of the law. In the second place, we resent being restricted because of the actions of others. If men do create a disciplinary problem, we submit that it is they who should be disciplined.

"Another argument submitted on behalf of controlling women's hours is the idea that there is little to do in Madison after the present closing hours. We do not feel that it is necessary to specify what amusement is available for women of college age after 1:00 a.m. We are assuming that these women, like other adults, have perfectly legitimate reasons for remaining out late on occasion and that if there is nothing to do, they have sufficient sense to come home. We are even hopeful that the present custom of staving out until curfew will be abandoned in favor of a girl's coming home when she is ready to, be it early or late. We do not feel that there is anything sacred about a particular hour of the night which makes it a dividing line after which it is bad for a woman not to be in her living unit. If we are to have hours, a line has to be drawn at some point, of course, but we would like to avoid as much as possible the idea that it must hang over the heads of our women like an ax.

"A third such argument is the use of hours as a social convenience, for those who would rather let the authorities have the responsibility for getting them home at a reasonable hour. Few women, however, regard it as any more than a convenience, and we submit that hours are not and never have been intended to be a crutch for the socially immature.

"There is more to a philosophy of women's hours than purposes for restrictions, however. The kind of hours we have should not only aid in organization and look after the welfare of the individual, but should also encourage the development of maturity, responsibility, and selfdiscipline. College is a period of transition between dependence on one's parents or guardians and independence in a world of adults after graduation. We feel, therefore, that while the University has a responsibility to both parents and students to aid this period of transition, a policy of sheltering and coddling an individual is not only troublesome but detrimental to his development as an adult. We also feel that giving women credit for having the sense to maintain reasonable hours for themselves and for being able to take care of themselves, and placing the responsibility for this squarely on their shoulders will encourage them to live up to it. Wisconsin has a long tradition of respect for the rights and freedom of the individual. We feel that the present regulations for women are an exception to this tradition. In view of this and in view of the other reasons submitted, we therefore request that they be changed."

Houses were given the option of going with the new rules or staying with the old, and a few did not change, though the vast majority of the 55 undergraduate women's houses are on the new system.

Dean Tautfest says there may be fewer girls taking overnights now than under the old rules. Previously girls either had to get back by 12:30 a.m. or stay out all night. The dorms were locked, and the girls had no keys. "Now many of the girls can return to the dormitory anytime," she said. "They are not tempted to risk staying out all night instead of going back a half hour late and be sure of getting caught." Housemothers, too, substantiated the idea that girls are not using the new privilege wholesale. "Some girls have not even picked up the keys to which they're entitled," one said.

Another result of the rules change: not so much "mass goodnight," kisses in a crowded dorm or sorority lobby just before curfew, mainly because some of the girls are coming in earlier than they have to, and everybody is not saying goodnight at the same time.

# **Students Governing Students**

Students are demanding an increasingly representative vote in the policies governing student affairs. Here is a look at some of the important student groups working towards strengthening their voice in University policy making.



**S**TUDENT GOVERNING bodies, the Student Handbook explains, "are an important influence in the policy-making process of our community... While the ultimate authority lies with the Board of Regents and the faculty, you can exert positive influence on the policy making of the campus community."

It is with this spirit that students have developed and maintained a variety of organizations representing various student groups. These organizations are all concerned with speaking out for the student in all phases of campus life. Below, we offer a look at some of these important student groups.

A<sup>S</sup> PRESIDENT of the Wisconsin Student Association, Bill Campbell, a senior from Hartford, speaks for the entire student community at the University. Campbell and his executive committee achieved their positions of student leadership by winning an all-campus election held every spring.

Student Senate, legislative body of WSA, is headed by Bill Campbell and his officers. The Senate is composed of representatives elected from various geographical districts within the University community, students representing special groups, and appointed faculty representatives. The Senate meets every other week during each semester and considers business relating to student life on the campus. It also oversees the distribution of Homecoming profits, awards scholarships, and levels certain student fines.

Because it is a duly elected body, Student Senate has a decided influence within the University as it represents a consensus of student opinion.

At various times in its history, student government, as it is embodied by WSA, has received a mixed reception in the student community. Traditional charges have been that student leaders do not actually lead, or that Student Senate spends too much time debating issues and passing resolutions on subjects which do not come within the realm of normal student problems. Recently, this pattern seems to be changing. WSA has played a significant role in the recent change in women's hours and the modification of the 21-year-old apartment ruling. The current question of human rights on the campus is being carefully reviewed within the structure of WSA. And the organization has moved towards a closer orientation with campus problems as they apply to students.

Bill Campbell notes that the University administration is placing more confidence in the ability of students to govern themselves. He would like to see a further liberalization of the rules to place more responsibility on the individual student. Naturally, as the campus population increases, so does the problem of providing effective student government. But it is a problem which WSA readily acknowledges and is working to combat.

In other areas, the Wisconsin Student Association acts in the role of a service organization. It provides such benefits to students as: charter flights to Europe and special holiday flights; a comprehensive health in-

surance program; a used book exchange; exam files; travel information; and freshman leadership training.

IN A SIMILAR fashion, the Associated Women Students represents all women students on the campus. As president, Konnie Klumpar, a senior from Independence, Ia., heads an organization divided into three branches; executive, judicial, and legislative. Like the president of WSA and his staff, Konnie and her officers were chosen in an all-campus election.

Through its Coeds Congress, AWS is concerned with anything that affects women students. In recent months, the Congress has reviewed such questions as women's hours, the adviser system, the bus system on the campus, and it has worked with the faculty-student committee on non-curricular affairs.

The Congress is a truly representative body in that one delegate is appointed for every 50 girls in both private and dormitory living units on the campus.

AWS, which has a membership ranging from 4–6,000 women students who pay  $50_{c}$  dues, also has several committees established to function in its many areas of responsibility. Some of these are: judicial, intercollegiate, AWS publicity, activities, and academics.

The activities committee, for example, is responsible for the programming that is sponsored by AWS throughout the year. Some of the highlights are: the women's convocation for new freshmen; the AWS fashion show; the Sigma Epsilon Sigma honors banquet for freshmen; Senior Swingout; and the honors banquet for participants which includes the annual change-over of officers.

The academics committee presents scholarships to qualified women students, develops special publications which deal with matters of information that are not found elsewhere, and works generally on matters of academic concern.

AWS maintains a close liason with

other student groups because the president has a position on both the Student Life and Interest Committee and Student Senate. Through its extensive program, AWS keeps in close touch with Wisconsin women students and insures that they have a strong voice in all-campus affairs.

ARY COLE, a junior from Green Bay, is president of the Inter-Fraternity Association, governing body for all fraternities. Primarily, IF is designed to assure the smooth operation of fraternities on the Madison campus. Its executive committee and the IF Congress, composed of two delegates from each house, deals with all matters affecting Wisconsin fraternities including: rushing, initiation week, Humorology, athletics, and social activities. Permanent committees (publications, public relations, rush, pledge training and education, IF relations, and investigations) help carry on the continuing activities of IF. And there are ad hoc committees established for investigations into such questions as human rights, and the role of athletics in the fraternity system.

A special facet of the IF operation is the Judicial Commission, a completely autonomous body of law students who are responsible for handling disciplinary matters pertaining to the various houses, or to individual students.

The sorority counterpart of IF is the Panhellenic Association, a similarly constituted organization which is responsible for the conduct of sororities on the campus.

During recent years, fraternities and sororities have been subject to increasing scrutiny because of the question of human rights and the right of fraternities to pick and choose their members. The University and the Greeks are continuing to explore this question, but a tide of emotionalism has tended to cloud the issue to the detriment of all concerned—the fraternities and sororities themselves, the University, the Regents, and the alumni.

Another factor affecting the influence exercised by fraternities and sororities in campus life is that their numbers have remained fairly constant while the overall student population has dramatically increased. Thus, the percentage of Greeks on the campus grows proportionately smaller.

Gary Cole is not especially concerned about this because he feels that the answer to such a development is simply an internal one. "We're not worried about percentages," he says. "We are more concerned about maintaining a strong system; and numbers is not always a criterion of strength."

ON THE OPPOSITE end of the campus, another junior from Green Bay heads up a student organization of a different nature. Steve Sobota is president of the Lakeshore Halls Association which includes 2,810 students in the 32 men's and 16 women's Residence Halls houses in the Western dormitory area.

Founded in 1958, LHA is designed to provide service to the students and is not exclusively a governing body. Some of the services provided by LHA include the maintenance of vending machines in the LHA dorms, showing free movies twice a week, and providing equipment for several clubs embracing interests ranging from weight-lifting to photography and radio.

The organization also has an extensive intramural sports program, and publishes a monthly newspaper called "Dorm Story." Throughout the year, LHA offers library facilities in the Kronshage and Elm Drive units and holds special tutoring sessions at exam times.

The LHA Cabinet is composed of 48 members, one from each house in the complex. Its primary function is a financial one, assuring that the many businesses within its jurisdiction are running smoothly. There are times when the Cabinet will consider disciplinary matters, but these are usually referred to the Joint Disciplinary Council of Residence Halls.

**A**<sup>N</sup> IMPORTANT factor in the successful operation of Residence Halls is the housefellow system. Gary Weissman, a graduate student in African Studies and a past-president of the Wisconsin Student Association, is head housefellow at Sellery Hall, new Southeast dormitory.

Garv believes that the most important role that the housefellow assumes is that of a counselor. "They act as an emotional and intellectual stimulant for the students in their house," he says. And, because they are generally just slightly older than the students they advise, housefellows can overcome any age barrier that exists as a deterrent to communication. Yet, these housefellows have had enough experience to gain the respect of the students they are dealing with. A final aspect of the counseling responsibilities of a housefellow is to refer on to appropriate counseling agencies those students who need professional guidance.

"A housefellow is secondarily a disciplinarian and an administrator," Gary Weissman points out. The normal "business" operation of his house comes within his domain, and he must be qualified to make appropriate decisions and recommendations. He must work with the house officers on such items as educational, athletic, and social programs. Added to this, he must make the 35-78 students for whose welfare he is responsible aware of the particular identity of their house. Such an awareness helps create a feeling of loyalty and identity which is an important consideration in the rapidly expanding University.

Perhaps the most valuable aspect of the housefellow system, beyond the particulars of counseling available to the residents, is that it is a two-way experience—the student is brought out of the anonymous atmosphere he faces, and the housefellow gains satisfaction through a feeling of usefulness.

CLOSELY RELATED to the whole of student government is the Memorial Union. Richard Halverson, a senior from Wauwatosa, is president of the Union which serves as the focus of student activity on the campus.

The Union, with its 13 committees and three clubs (Graduate, International, and Hoofers), offers every conceivable kind of cultural experience to the students. Forum committee brings a wide range of speakers to the campus; music committee sponsors such offerings as the annual Concert Series, while the theater committee imports exciting Broadway and European theater productions. The literary committee sponsors the annual creative writing competition, brings lecturers to the campus, and this year, during the second semester, will be sponsoring a program called Novelists '64 which will feature the appearance of outstanding comtemporary novelists.

Film committee selects the movies shown each weekend in the Play Circle Theater and also sponsors a series of popular travel-adventure films; and the house committee sponsors parties such as open house and the winter fasching party.

It is estimated that 15,000 people utilize the Union and its services on an average day. Major student organizations have offices in the building and it is the center for student meetings. The food service branch of the Union serves an estimated 7,000 meals per day.

Dick Halverson feels that his responsibilities as Union President are similar to those of an executive. He is involved with the drawing up of a budget and the establishment of policy. The Union Council, chief policy making board of the organization, is composed of nine students, two faculty, two alumni, and Porter Butts and Doug Osterheld, director and assistant director of the Union. Students pay a \$9 fee per semester which entitles them to the use of the building as well as admission to the many free programs held during the course of the academic year.

The Memorial Union is the center of an endless variety of student activity. It is a place to have a pep rally, a place to study, a place to meet people, or simply a place to watch the Packer game on television. Its importance in the life of the Wisconsin student is unquestioned.

# UW Researchers Probe Mental Retardation

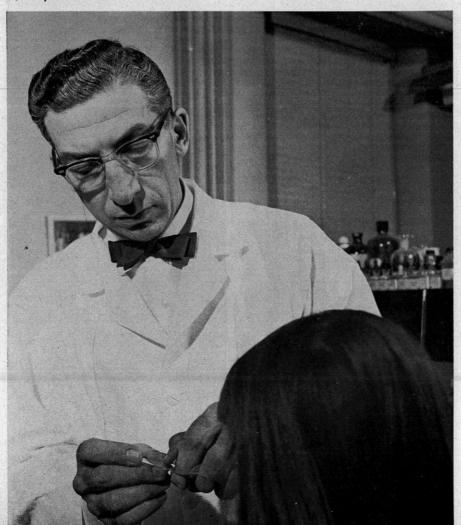
IN THE BATTLE against mental retardation, researchers have been paying increasing attention to the chemical causes of brain damage.

One of the many research efforts around the United States, and one of several efforts at the University of Wisconsin Medical Center, is headed by Dr. Harry A. Waisman, professor of pediatrics and director of the new Joseph P. Kennedy Jr. Memorial Laboratories.

Dr. Waisman is directing a longterm study of the biochemistry of mental retardation, supported in part by a \$255,000 grant from the Kennedy Foundation. The aims of the project are to understand the chemical causes of mental retardation and to develop methods of prevention.

Dr. Waisman's research has centered on those diseases which produce mental retardation. Two new diseases have been found by Dr. Waisman's group. They have names related to the amino acids, the building blocks which make up the proteins found in the foods we eat. They are called homocystinuria and dibydroxyphenylalanine (DOPA).

Homocystinuria, a sulfur containing amino acid, was found last year by Dr. Waisman and Dr. Theo Gerritsen, a Kennedy Scholar. In analyzing the urine of a mentally retarded child, they found excessive amounts of this chemical which is not de-



tected in the urine of normal children. The two children who showed DOPA in the urine are the only two known cases of this disease.

According to Dr. Waisman, there are 15 known cases of homocystine secretion, both here and in Great Britain, where Dr. Waisman's and Dr. Gerritsen's findings have been confirmed.

A third disease, found in Canada in 1959, and also due to inborn errors of metabolism is called histidinuria. There are 14 known cases in this country, three in Wisconsin. Children with histidinuria usually have a speech impediment, but are otherwise normal in intelligence. Only one Wisconsin child was found to be mentally retarded.

Dr. Waisman said as he and his associates in the Kennedy Laboratories find new substances in the urine of mentally retarded children, an attempt is made to analyze the urine of every child and adult in the state's Northern, Central, and Southern colonies for the mentally retarded.

A program initiated in 1957 for detection of phenylketonuria (PKU), one of the first diseases found to be an inborn error, has uncovered more than 20 new cases. Children who are diagnosed early enough can develop normally if put on a special lowphenylalanine diet. Phenylalanine is a chemical which cannot be properly utilized by those PKU patients with the abnormal metabolism.

This year, under Dr. Waisman's supervision, a medical motion picture was produced to show physicians how to spot PKU babies.

Dr. Waisman joined the UW faculty in 1952. Prior to that, he was on the staff of the University of Illinois College of Medicine. Born in 1912 in Milwaukee, Dr. Waisman holds four UW degrees—the B.S. (organic chemistry) in 1935, M.S. (biochemistry) in 1937, Ph.D. (biochemistry) in 1939, and M.D. in 1947. He completed his internship in 1948, and his residency in pediatrics in 1959. His earlier studies concerned vitamins and nutrition, many done in collaboration with the late UW Pres. Conrad A. Elvehjem.

Dr. Harry Waisman

# New Frontiers of Science

### by James A. Larsen

This is the first installment of a series of articles on research—the frontiers of the natural sciences now being investigated with greatest intensity by scientists at Wisconsin and other research centers throughout the world. Emphasized is Wisconsin's contribution to basic research, the acquisition of new knowledge and the creation of new ideas—the raw material which eventually can be molded into countless practical advances. Vannevar Bush, U. S. wartime scientific research director, recently pointed out that the deeply important scientific advances are not initially spectacular, nor are they always easy to understand, but they profoundly affect the lives and health of everyone.

THE RESEARCH director of a leading American corporation said recently that scientific effort in this country will increase four-fold in the next ten years.

It has been estimated—conservatively—that this will amount to a \$5 billion research budget provided to institutions of higher education by government and industry, a large portion of it for basic scientific research.

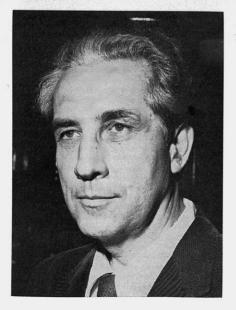
Added to this will be the tremendous effort of industry and govern-

Harry Steenbock—developed the irradiation of vitamin D.

ment to put the new knowledge to work. Basic research is the seedstock. This is primarily the responsibility of the nation's universities. Growing and harvesting the crop in terms of new machines, new drugs, new foods—is the job of industry, medicine, and agriculture. These research categories are known as applied and developmental research.

In a study to obtain a picture of the current national research effort, the National Science Foundation

Karl Paul Link—responsible for the development of Dicumarol.



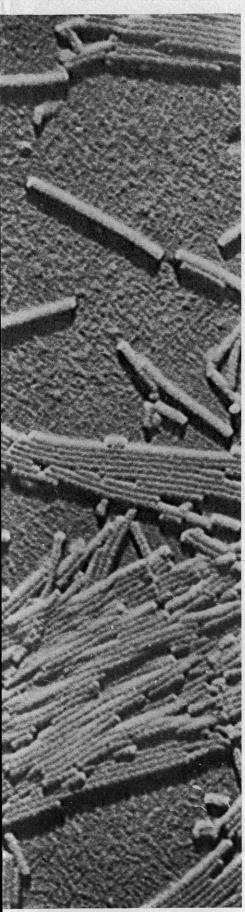
found that of nearly \$15 billion spent on research and development in 1961–62, about \$4.7 was spent on research by industry, government, and universities, and of this about \$1.5 was devoted to basic research. The remaining \$10 billion was spent on development—direct efforts to translate new findings into new products.

Universities conducted about half of the basic research and industry conducted by far the greatest amount of developmental research. The federal government was third in the amount of basic research conducted and second in applied and developmental work, although it financed much of the work done by universities and industry.

During the past few decades, Wisconsin has ranked among the nation's leaders in size of its research program and significance of the discoveries which have resulted. As a consequence, it is expected that in the coming years the University of Wisconsin will play a major role in the nation's rapidly expanding basic research programs.

Conrad A. Elvehjem—discovered a cure for pellagra.





To mention a few Wisconsin discoveries: irradiation of foods to provide vitamin D and prevent rickets; development of Dicumarol, the drug now used universally to treat coronary heart attacks; new anti-cancer drugs which demonstrate real promise now exists that effective drugs to fight cancer can be developed; discovery that pellagra—once a widespread scourge—was a simple deficiency of the vitamin niacin.

Irradiation of foods to provide vitamin D gave the world a preventive for rickets-and it also gave Wisconsin a unique program of re-search self-support. The Wisconsin Alumni Research Foundation was organized to administer the patentand to funnel the proceeds back into Wisconsin's research efforts. The result has been little less than spectacular. Other discoveries through the years-including Dicumarol and its chemical near-relative Warfarinhave been assigned to the Foundation, and research funds given to the University now exceed \$1.6 million annually. These are funds that in a real sense make Wisconsin scientifically independent. They are used to explore the most exciting regions of the unknown, a financial core which has given Wisconsin an edge over other research centers for more than a quarter of a century.

The examples of Wisconsin discoveries mentioned are those that quickly found a way into applications—in nutrition and medicine, for example—and for every one that comes quickly to mind there are a hundred lesser known which have also been of great value in these and other fields.

Although these discoveries have become adopted as part of everyday life, at the time they were made—not so long ago—they were the result of research at the edge of the unknown. Today the perimeter of knowledge has advanced beyond them. It is the purpose of these few articles to describe research at Wisconsin now probing the vast regions of knowledge yet to be explored.

Portrait of a Virus—"Science has an internal beauty."

Science has changed the world rapidly during the past few decades, not only in the way the peoples of the advanced nations spend their lives, but in their ways of thinking. Science is not only a force in what are termed practical affairs, it is a cultural force, and one that is capable of changing both ideas and ways of living.

Still another reason lies behind the rapid recent advances in science—one that is not too often recognized. This is simply that science has an internal beauty, in much the same sense that a great symphony or painting or poem is beautiful, and this beauty is a source of constant wonder and inspiration.

"No man can call himself educated who does not consider the knowledge of evolution, Mendelian heredity, mutation, chemical feedback as important as any of the laws of physics, the sonnets of Shakespeare, or the history of human conflict," writes one of Wisconsin's noted biochemical researchers.

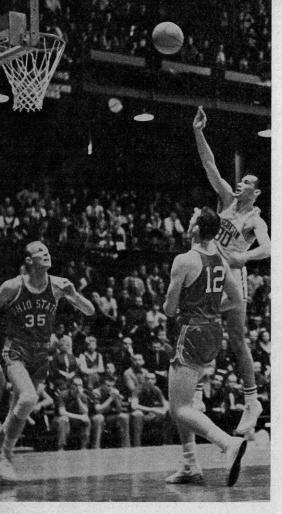
It has come to be more and more widely recognized that basically men conduct scientific research for the same reasons they create art, literature, and philosophies; to understand and portray as well as they can the myriad events that they encounter in the universe of nature and in the life of the mind.

The world of science stretches from the smallest of particles at the borderline of matter and energy to the edge of the visible universe millions of light years away; from the molecules at the edge of the living and non-living to the medical and social sciences.

There is no forseeable end to man's scientific adventures; where they will lead we cannot know. There seems little doubt that we are well into a New Age, a new renaissance of the human spirit, with dangers and mysteries on every hand and the unknown before us.

It has been estimated that 90 percent of all the scientists who have ever lived are alive today. What are some of the questions they are asking? This series will attempt in little more than the sketch of an outline—an answer to that question.

February, 1964



Badger sharpshooter Mark Zubor lets one fly against Ohio State as the Buckeyes' All-American center, Gary Bradds, rushes in to cover.

### **Athletics**

# Badger Teams Close Out First Semester Action

WISCONSIN'S winter sports teams closed out the first semester with varying degrees of success. Yet each team has the potential of finishing the season with a creditable record as the bulk of competition was scheduled for February and March.

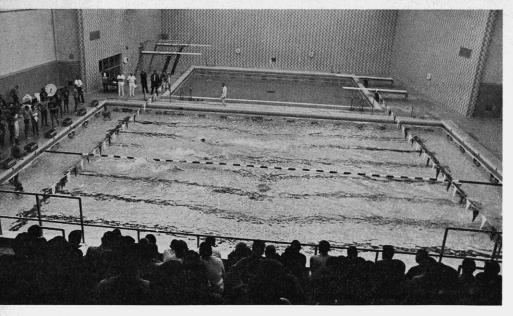
Coach John Erickson's basketball team went down to the final exam intermission in their schedule with a 6–7 record. Highlight of the first half of the season was the Badgers' winning of the Milwaukee Classic holiday tournament for the second year in a row. In that effort, the Badgers subdued Dartmouth 94-68, and then raced past Georgia Tech, 104-84.

In other games, the Badgers beat Kent State, Pittsburgh, Gonzaga, and Iowa while losing to Ohio University, Cincinnati, Kentucky, Princeton, Ohio State, Michigan State, and Northwestern.

Ken Gustafson and Mark Zubor, both sophomores, were high-point scorers through the first half of the season. Gustafson had a 15.4 pointsper-game average while Zubor was a shade behind at 15.2. Zubor's 28 points against Pittsburgh was the in-

The new Wisconsin swimming pool got its first taste of competition during the FreshmanVarsity meet shown here. In the photo at the right, assistant coach Art Kreuger announces

the lineups for an event as head coach John Hickman studies the pairings.





dividual high among Badger scorers for the first half of the season.

Offense and defense were evenly balanced through the first 13 games. The Badgers scored an average of 85.5 points per game while allowing 82.1. Generally impressive was the work of sophomores Gustafson, Zubor, Dave Roberts and Ken Barnes; all showed growing promise with each new game experience. Veterans such as Mike O'Melia, Dave Grams, Don Hearden, Jim Bohen, and Bobbie Johnson all put in consistent performances. But the Badgers faced a problem of lack of overall height, and while they were able to score readily, their rebounding suffered.

The Wisconsin gymnastics team had a 2–3 record at the semester break. Senior Jim Hopper, last year's co-Big Ten champion in the still rings who ranked second in NCAA competition, was top scorer with 82 points. The gymnasts were hampered in competition by an early season arm injury to Fred Roethlisberger, 1963 top scorer. Roethlisberger was on the mend, however, and appeared ready to resume full participation as the second semester began.

The fencing team lost its first two starts to the Shorewood Fencing Club, but Badger wrestlers had a better time of it as they posted a 3-2 record. Outstanding for the grapplers were Steve Martin, a 157 pounder who has a 9-0 record, and sophomores Elmer Beale and Dan Pernat, at 167 and 177 pounds, respectively.

The indoor track team, boasting three Big Ten indoor champions (Bill Holden, high jump; Bill Smith, 70 yard low hurdles; and Don Hendrickson, shot put), was set to open its dual meet season against Ohio State on February 1.

The Badger swimmers, winning their only first semester start at Notre Dame, 56–47, prepared to inaugurate the new \$1,250,000 pool as the second semester got underway. Coach John Hickman hopes that the new facility will be instrumental in bringing top swimming talent to Wisconsin.

February, 1964



For the first time since 1935, the University of Wisconsin is participating in intercollegiate ice hockey competition. Through the first semester of play, the Badger skaters posted a 5–3 record. Wisconsin's co-coaches Art Thomsen and John Riley began the season with a group of relatively inexperienced skaters who have since shown promise of fashioning a respectable record and establishing a solid nucleus for next year's campaign. Top Badger scorer through the first half of the season was Ron Leszczynski with 21 points on 12 goals and 9 assists. Other top scorers have been Tom French, Jim Weiss, and Chan Young. Defensive stars have been John Russo, Bob Busse, Ken Grafton, and Fred Ragatz, with Jim Duffy in the goal. Hockey interest is growing at the University and, with an excellent facility in the new Madison lce Rink, the sport shows every indication of replacing the once popular boxing as a top winter sports attraction.

# **Badger** Bookshelf

SWIFT AND THE TWENTIETH CENTURY by Milton Voigt '48, Wayne State University Press, Detroit (\$7.95).

This book is a study of the major. developments in the critical, biographical, and textual study of Ionathan Swift in this century. As the author shows, twentieth-century studies of the Swift canon and texts and of Swift's life have reduced the number of areas open to conjecture; but critics who have grappled with questions concerning Swift's character, his ideas and attitudes, and the nature and meaning of his satires, find little on which to agree. Yet, by setting his body of opinion against the nearby ubiquitous Swiftophobia of the nineteenth century, the author shows the twentieth century's overall rapport with Swift in a perspective which illuminates the critical literature of both centuries.

LISA KENNERLY'S HUSBAND by Elizabeth Corbett '10, Appleton– Century, New York (\$4.50).

In this novel, her fiftieth book to see print, Miss Corbett tells the story of Lisa Kennerly, an actress turned playwright. After seeing another play off to a successful start on Broadway, Lisa becomes involved with Lee Farquhar, a Southern gentleman of the old school who is quite different from the casual, slightly brash, iconoclastic men who people Lisa's theatrical world. In this novel, Miss Corbett explores fully and wittily the daily lives of Lisa and her urbane, cosmopolitan circle.

SENATOR GERALD P. NYE AND AMERICAN FOREIGN RELA-TIONS by Wayne S. Cole '48, University of Minnesota Press, Minneapolis (\$5.75).

In analyzing the senator's career, Prof. Cole reveals important bases for isolationism in the needs, desires, and value systems of major agricultural segments of the American economy and society. The study of Nye's career also demonstrates how the gradual swing of isolationism from liberalism to conservatism took place. In the 1920's and early 1930's most leading isolationists on

### **UW Foundation Surpasses \$1 Million**

AS THIS ISSUE of the Wisconsin Alumnus went to press, final figures on the University of Wisconsin Foundation's fund raising activities revealed gifts and pledges totalling \$1,990,978 during 1963. Of this total, \$1,218,884 was paid into the Foundation and pledges payable during 1964 and 1965 amounted to \$762,094.

Highlighting the Foundation's program during the past year was the receipt of \$1,280,098 in cash and pledges for the Elvehjem Art Center.

The remaining \$700,880 was earmarked for scholarships, professorships, other special purpose buildings including the Alumni House, the Medical Library and expansion of the Wisconsin Center and the Carillon Tower, and other general purposes. The Foundation is currently dividing the above gifts up by classes of individual alumni, businesses, corporations, etc., and a complete report on the 1963 Alumni Fund will be presented in the March issue of the *Alumnus*.

The above cash and pledges of \$1,280,098 received during 1963 for the Elvehjem Art Center when added to the Brittingham Family Trust gift of \$1,000,000 and gifts received in prior years or made directly to the University, totalled \$2,355,408 towards a final goal of \$3,300,000. The Foundation plans to complete its campaign for the final \$944,592 during 1964 and all alumni will be encouraged to support this great project in memory of the University's late president, Conrad A. Elvehjem, who passed away July 27, 1962.

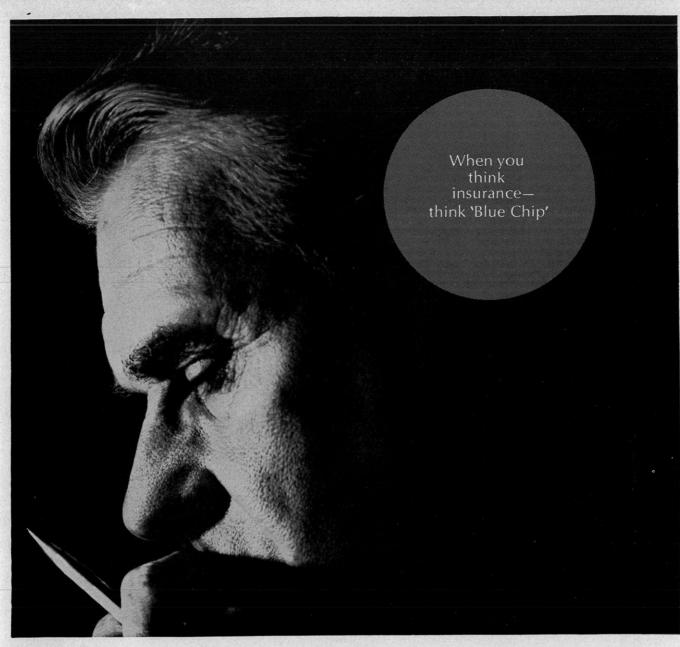
foreign affairs were liberals or progressives on domestic issues. By the time of Pearl Harbor, however, noninterventionists were commonly associated with conservatism, and most of their successors since World War II are thorough-going conservatives. This transition in Senator Nye's views is seen to have reflected his shifting political bases, his growing opposition to great presidential power, and his continuing agrarian orientation.

THE AMERICAN HUMORIST: Conscience of the Twentieth Century by Norris W. Yates '47, Iowa State University Press, Ames (\$4.95).

Author Yates examines sixteen well-known American Humorists in the 1900-1950 period by means of significant personal history, excerpts from their writing, and interpretations of their work. Included are Hubbard, Ade, Rogers, Lardner, Marquis, Parker, Benchley, Thurber, White, Perelman, and others, each of them a distinguished writer, and each of them an interpreter and critic of twentieth-century society. The book enables the reader to grasp their intent, to know more about them as individuals, to understand more fully the times in which they lived, and to place them in a literary mainstream.

BRITISH POLITICS IN THE SUEZ CRISIS by Leon D. Epstein, University of Illinois Press, Urbana (\$5).

This fascinating analysis of how the British political system faced, functioned under, and endured the strain of the 1956 Suez crisis is an invaluable contribution to understanding modern British politics, and parliamentary and party systems in general. The Suez crisisthe most dramatic British experience since World War II, one that humiliated proud British traditions, brought censure from the United States and other countries, and ended Anthony Eden's long career in politics-is used as a case study for observing the British political system under unusual stress. The book is intended as a study in comparative politics rather than international relations.



### Before you buy insurance look into the 'Blue Chip' company that's low in net cost, too

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Clement D. Ketchum	'52	Milwaukee
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John F. McGowan	'60	Appleton, Wisc.
Armand W. Muth	'47	Albuquerque
Ronald L. Perkins	'63	Milwaukee
Gerald J. Randall, CLU	'53	Home Office
Stephen D. Rubin	'62	Milwaukee
Anthony J. Stracka	'54	Madison, Wisc.
Fred C. Williams		Milwaukee



The University hopes to build 2,500 new dormitory units each year.

## New Dormitory, Parking Studies Revealed

A DRAMATIC new plan for the expansion of the Residence Halls system on the Madison campus was presented to the Regents in January by President Harrington.

Announcing that "Enrollment on the Madison campus will be much larger than we anticipated," President Harrington said that the University will have to build 2,500 new dormitory units each year if it hopes to keep up with the increase in the number of students coming to Madison.

In 1960, the Regents approved a 1,000 a year increase designed to provide 7,000 new units by 1970. The new schedule anticipates a gain of approximately 14,000 which would double the existing dormitory spaces.

Normally, Harrington pointed out, private builders could be expected

to provide extra housing. "Private builders," he said, "have done what they could and, indeed, their efforts have been very helpful. But what the private builders have supplied is by no means enough." The University would like them to supply an additional 8,000 units by the end of the decade.

Problems involving private housing is that the new construction has not been of the type most needed by the University—low cost housing. (Most of the new units are plush dormitories whose rates range from \$1,500 to \$2,000 a year.) Also, the University, by its own action, has taken some private housing out of the area close to the campus.

Three questions were posed to the Regents as the plan for the new dormitories was spelled out. The first was, how will we pay for the new units? The answer is that the students will pay through room and board charges which will amortize the buildings. "We do not have to rely on state funds for this construction," President Harrington explained. He also pointed out that the University would like to build more scholarship housing which is normally financed by gifts and grants.

In answer to the question of where the new units will be built, it was explained that the most likely area would be at the extreme western edge of the campus, north of the Forest Products Laboratory and the Veteran's Hospital, and at the base of Picnic Point.

The types of units constructed would be the traditional dormitory and married student housing plus apartment type units for unmarried

students. The University is also exploring the possibility of combining housing with classroom facilities in this area. These would be primarily for freshmen and sophomores who would live and study together.

IN A RELATED development, the Regents heard an explanation of tentative planning policies governing the control of automobile and pedestrian traffic on the campus.

The 27 policy statements, submitted by the Campus Planning Committee, envision controlling vehicle traffic in the central portion of the campus, providing peripheral parking, improving the mass transportation system, and separating pedestrian and vehicle traffic with walkways and pedestrian bridges.

Labelled "tentative" by the Campus Planning Committee and included in a progress report, the policies were not submitted to the Re-



# Bucky Badger Emblem **\$1**

brilliant white and red embroidered emblem, 2¼" x 3½"—ideal for kids' jackets, sweaters, etc. Wisconsin Alumni Association 770 Langdon St., Madison 6 Please send me \_\_\_\_\_ Bucky Badger emblems at \$1 each. (Check enclosed) Name \_\_\_\_\_ Address \_\_\_\_\_

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February, 1964

gents for approval at the January meeting. The committee indicated that it is interested in getting reactions to the proposals before proceeding further with long-range plans for transportation and circulation on the Madison campus.

Under the proposals, the area between Park Street, University Avenue, and Babcock Drive would be closed to all vehicles—including bicycles—except emergency, service, maintenance, and delivery vehicles, campus buses, taxicabs, vehicles carrying official visitors, parking permit vehicles, and others specifically authorized.

Entry to this area would be through gates manned at three points: Observatory Drive at Park Street, Charter Street at University Avenue, and Linden Drive and Babcock Drive. At these entrances there would be special visitor parking lots. Additional lots, some served by extended bus routes, are proposed for the outer edges of the future campus. The policies would not ban student cars but make no provision for their parking. The report stresses that "the basic modes of student travel to and from campus should be by foot, by bicycle, and by public transportation except where the motor vehicle is the only feasible means of transportation," and that "the basic mode of moving people from one destination to another on the Madison campus, except in outlying areas, is and should remain by pedestrian walkways."

The pedestrian circulation plan attached to the proposals indicates two pedestrian bridges over Park Street, four over University Avenue, and—in the Southeast Dormitory and Recreational Area—one over Johnson Street and another over Lake Street.

The vehicle circulation plan calls for a number of one-way roads on campus and cooperation with the city in planning for traffic control on University Avenue and the area south of the avenue.

### Alumni News

### Up to 1900

Mrs. Winifred CASE Knapp '94 greeted guests at her 92nd birthday celebration in mid-October at the Corvallis, Oregon, Arts Center. Mrs. Knapp, who majored in philosophy at UW and was the first woman to take a master's degree in home economics at the University of Minnesota, started to school again four years ago at Oregon State University. Her birthday party, attended by 100 people, was given by the Weavers Guild of Corvallis which has made her a life member because of her interest in weaving.

### 1901-1910

Arthur L. NEHLS '05 has been elected the first honorary life member of the Ravenswood Hospital Association, Chicago, and the first honorary member of the hospital's Board of Trustees. He was first elected a member of the hospital board in 1936 and served continuously until he submitted his resignation in December at age 81. He is the retired board chairman of The American Licorice Co., Chicago, with which he was associated for 45 years and is a resident of Evanston.

Alexius BAAS '06, who has been a Shakespearian actor, baritone concert solist, composer, choral director, Chautauqua performer, voice teacher, lecturer, and recitalist, added playwright to his credits in January when his three act play, "Judas Iscariot" was staged in Madison. Mr. Baas and his wife, Evelyn, live in Madison where he is a columnist for the *Capital Times*.

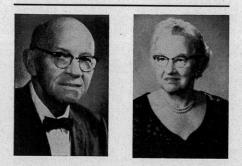
Fellow newspapermen wrote tributes to Earle S. HOLMAN '10 in December when he marked his 53rd year as a newsman and his 50th year in the continuous employment of the Antigo (Wis.) *Journal*. He is presently chief editorial writer for the paper, and his reportorial and editorial skills have been instrumental in the successful culmination of many promotions for the advancement of Antigo according to his associates.

### 1911-1920

Chief Justice Timothy BROWN '11 retired from the Wisconsin State Supreme Court last month and was succeeded in the post by Justice George R. CURRIE '25. Circuit Judge Bruce F. BEILFUSS '36, elected to a ten year term in last April's judicial election, filled Justice Brown's vacancy on the high court. Justice Brown, who observes his 75th birthday the 24th of this month, helped bring about an important milestone in the administration of justice in Wisconsin—the reorganization of the court system.

Milo K. SWANTON '16, one of the best known men in Wisconsin agriculture, will retire next September 1 as executive secretary of the Wisconsin Council of Agriculture Co-Operatives, a position he has held for 27 years.

Philip J. HICKEY '18, superintendent of instruction of the St. Louis (Mo.) school system for 21 years, was honored by the St. Louis *Globe-Democrat* in December when he received the Humanities Award for 1963. The award is presented to the



A \$62,500 grant from Ralph E. Davis, Houston, Tex., to establish the Euretta Mary Kimball Davis Professorship of Neurosurgery in the University's Medical School at Madison was accepted by the Regents in January. The grant will be used to support basic and clinical research on brain tumors and related conditions.

In making the gift through the University of Wisconsin Foundation, Mr. Davis said: "The problem of brain tumors and related conditions has caused much suffering for thousands. In addition, the mental anguish experienced by those close to the afflicted places these among our most dreaded maladies.

"I am hopeful the establishment of this program at Wisconsin will produce research which will some day furnish means of early detection, prevention and cure of such diseases. I encourage others to join with me in this important program."

Recommending Regent acceptance of the gift, UW Pres. Fred Harvey Harrington noted that significant discoveries already have been made in treatment of brain tumors and other forms of cancer at the University.

"This gift will be helpful in allowing some of our gifted scientists to devote more time to these problems," Pres. Harrington said. "We are pleased that Mr. Davis has chosen to memorialize his wife at Wisconsin which is proud to claim both of them as alumni."

Davis, a world renowned geologist and petroleum engineer, graduated from the University in 1906. He has been a long time benefactor of the institution and currently is serving as co-chairman for Texas of the Foundation's Elvehjem Art Center campaign.

Mrs. Davis received her UW degree in 1906 and died June 29, 1962, in Santa Barbara, Calif. person in the St. Louis area whose life best exemplifies the universal ideal of the Fatherhood of God and the brotherhood of man.

Mrs. Grace BITTERMAN Thompson '20 has retired from the position of engineering aide which she has held at the U. S. Forest Products Laboratory in Madison for the past 12 years.

### 1921-1930

Newman L. DUNNE '21 retired last Dec. 31 as a general partner of Robert S. Baird and Company, Milwaukee investment banking firm.

Winter has been a time of accepting awards for Prof. Glenn L. JENKINS '21, dean of the Purdue University School of Pharmacy and Pharmacal Sciences. In November he received the honorary doctor of laws degree from the University of Toronto and in December he received pharmacy's highest honor, the American Pharmaceutical Association's Remington Medal, in special ceremonies in New York City.

Esther VAN WAGONER Tufty '21, Washington, D. C. newspaper correspondent, won a Distinguished Service Award from the President's Committee on Employment of the Handicapped for her work as chairman of the group's membership committee and for her articles promoting the hiring of the handicapped.

After 29 years of service with the Farmers Home Administration, John (Jack) W. TIBBITTS '22, supervisor for Monroe County (Wis.) has retired. E. F. SNEIDER '22, is president of the

E. F. SNEIDER '22, is president of the Sneider Dairy Co., Wausau. A high point of his trip to Russia last

A high point of his trip to Russia last summer for Hugh RUSCH '23, vice president of Opinion Research Corporation, was the opportunity to interview a shoe-factory worker in Leningrad. He wrote Mrs. Nikita Khrushchev, president of the Soviet-American Friendship Committee, to make arrangements for the interview. Result was that the Rusches were met at the Leningrad airport by a limousine, driver, and an interpreter who took them to the shoe factory where the interview was arranged with a worker for the next day.

Philip A. WEINMAN '24, has retired after 38 years of continuous service with Kemper Insurance, Chicago.

An employee of the city of Milwaukee for 40 years, Elmer W. BECKER '24, was recently promoted from assistant superintendent of the city water department to superintendent.

Nate GRABIN '24 is an associate with Dwight Early and Sons, Chicago based magazine publishers firm.

Mr. and Mrs. Oscar ANDERSON '25 (Beatrice COX '24) have moved to Glens Falls, N.Y., where he is assistant manager of the northerm division of International Paper Co.

Ramon COFFMAN '26 is Uncle Ray, the "answer man," whose syndicated column reaches some six million homes daily. Mrs. Nell HAMILTON Troiter '27, dean of women at Georgia State College, has been named to Who's Who Among American Women.

Haakon I. ROMNES '28 now holds the third highest post in the Bell telephone system which he began working for in the summer of 1927 by installing telephones.



The name of John SLEZAK '23 is now inscribed on a roll of honor along with those of other engineering greats like Herbert Hoover, Henry Ford, Orville Wright, and Charles F. Kettering. On Feb. 20, in Chicago, the Washington Award, presented annually to an engineer who has achieved preeminence in service to mankind, was given to Colonel Slezak, now chairman of the board of the Kable Printing Co., Mt. Morris, III.

Colonel Slezak's acceptance speech, "Human Relations in Management" was recorded by Radio Free Europe for broadcast behind the Iron Curtain.

Colonel Slezak has had a distinguished career both in civilian and military life. After graduating from the University, where he was a quiet, serious-minded older student who had emigrated to this country from Czechoslovakia at age 19, he joined the Hawthorne Iron Works, Chicago. In 1930 he joined the Turner Brass Works and was president of the company by 1940. During World War II he became chief of the Chicago Ordnance District, a full colonel supervising the production of munitions in seven midwestern states, and he received the Legion of Merit Medal in 1944, with Oak Leaf Cluster in 1946. After the war he was a consultant to the Army-Navy Munitions Board, then Assistant Secretary of the Army in 1953, and then Under Secretary in 1954 and 1955. He is now chairman of the Reserve Forces Policy Board of the Department of Defense and the Civilian Aide to the Secretary of the Army for the State of Illinois. He is represented in the nation's Minute Man Hall of Fame.

Colonel Slezak has also been active in many industrial and educational organizations. President of Western Electric Co., the Bell manufacturing arm, since 1959, Mr. Romnes was recently named vice chairman of the board of the American Telephone and Telegraph Co.

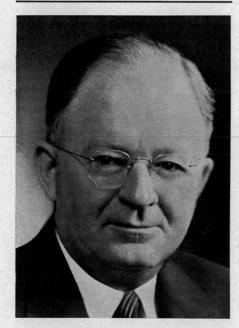
Credited with saving the government millions of dollars by developing a packaging cost manual for the Air Force which eliminates guesswork in the letting of contracts, Charles W. ROE '28 retired in December as packaging technologist at the U. S. Forest Products Laboratory, Madison.

Harold S. SILVER '28 retired Feb. 15 as general attorney for Allis-Chalmers Manufacturing Co.

Esther HIGGINS Hotton '28, radio personality in the Milwaukee area and founder in 1931 of the Belfry Players, oldest still operating little theater group in Wisconsin, has retired from radio, but plans to combine her interest in travel and writing in some sort of post-retirement career. She is currently in the southwest, visiting her daughter in New Mexico.

Attorney David RABINOVITZ '30 took office January 8 as U. S. judge for the Western District of Wisconsin by appointment of President Johnson. If confirmed by the Senate, the appointment will be permanent.

At the National Retail Merchants Association convention in New York last month, Stanley V. KUBLY '30, president



T. Delbert JONES '22, who received an engineering citation from the University in 1956 for outstanding achievement, received one of the top honors of the American Institute of Mining, Metallurgical, and Petroleum Engineers at the institute's annual meeting in New York on Feb. 19. He was presented with the James Douglas Gold Medal of AIME, which recognizes distinguished achievement in nonferrous metallurgy. Retired since 1962 as chief lead refinery metallurgist for the American Smelting and Refining Co., Mr. Jones lives in Tucson, Ariz.

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of Wolff, Kubly, and Hirsig, Madison, was elected state director for Wisconsin.

### 1931-1940

Margaret F. MURPHY '31, who is a patient at St. Anne Hospice, Winona, Minn., recently sent in a check to be used for her class's reunions. She said, "I'll never be able to attend another one in person, but I certainly can enjoy their happiness from my recollections of those sessions I did attend."

Lawrence L. KRASIN '32, vice president of Marquette Paper Corporation, Chicago, has been named to the Board of Trustees of Morgan Park Academy, Chicago.

Miss Barbara TRACHTE '33 was honored recently by the Fox Valley (Wis.) cities for her role with working with the handicapped in her job with the Appleton Vocational School under the rehabilitation division of the State Board of Vocational and Adult Schools.

Alphonse Anthony MEDVED '33 is director of the Cherry Lawn School, an independent coeducational boarding school in Darien, Conn. and has published a poem, "Elul" which presents the problem of self-destruction.

Thomas B. EARLE '33 heads a new financial committee for the Walker Manufacturing Co., Racine, and continues on the board of directors and as secretary of the organization.

Allan W. ADAMS '35 is president of Adams Corp., a manufacturer of snack foods, with factories at Beloit, Los Angeles, and Lambertville, N.J., and is also president of Dell Food Specialties, Beloit. He has been elected to the board of directors of the Wisconsin Power and Light Co.

Rolf (Chub) POSER '36, star athlete in basketball and baseball when he was at the University and a former UW assistant varsity basketball coach, is a general practicing physician and heart specialist in Columbus, Wis., where he operates his own clinic with his brother. Married and the father of six children, the former athlete is also a director of the Farmers and Merchants Union bank in Columbus and one report has it that he is still a champ, this time in skiing and golf.

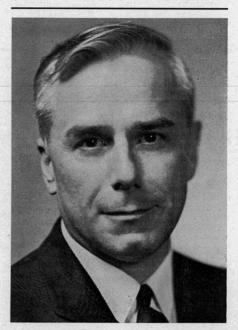
Donald B. DeNOYER '37 is assistant to the vice president of engineering for the Beloit Corporation, Beloit.

Dr. Orville WYSS '37, chairman of the department of bacteriology at the University of Texas, has been elected president of the 7,500 member American Society for Microbiology.

Fred C. ALEXANDER '38 is an account supervisor, administrative assistant to the president, and member of the executive committee of Charles Bowes Advertising, Inc., Los Angeles.

Elected president of the international City Managers Association at their annual conference in Denver was Bertill W. JOHNSON '39, county manager of Arlington, Va. Edmond C. DOLLARD '39 has been elected a senior vice president of Needham, Louis and Brorby, Inc., advertising firm in Chicago, New York, Los Angeles, Toronto, and Montreal. He is also a member of the board of directors and a senior account director.

Robert S. JOHANSON '39, public relations director of Marquette University, has bought two Wisconsin weekly newspapers, the *Plymouth Review* and the *Sheboygan* 



Reuben O. SCHLEGELMILCH, '38 is manager of the Advanced Missiles Programs at the Space Guidance Center, Owego, N. Y., the Federal Systems Division of IBM Corporation.

He took a master of science degree in electrical engineering at Rutgers University after receiving his BS in electrical engineering from Wisconsin, and also received a master of science degree in industrial management as a Sloan Fellow from the Massachusetts Institute of Technology.

Mr. Schlegelmilch is presently working on his PhD in Electrical Engineering at Syracuse University. His background includes graduate studies at Cornell University, the University of Illinois, Polytechnic Institute of Brooklyn, and Syracuse University. Also, he has been an engineering instructor at Cornell University, Rutgers University and at the University of Illinois.

Mr. Schlegelmilch has held positions as director of Research and Development at Rome Air Development Center, Air Research and Development Command, U. S. Air Force, Rome, N. Y., as well as chief, Radar Laboratory at the U. S. Air Force, Air Materiel Command, Watson Laboratories, Eatontown, N. J. Before joining IBM Owego, he was associated with Westinghouse Electric Corporation, Washington, D. C., as technical director, Defense and Space Group Headquarters.

Mr. Schlegelmilch, his wife Margaret and their four children, Janet, Raymond, Joan and Margaret reside at 618 Valley View Drive, Endwell, N.Y. Falls Review. He will continue in his position with Marquette.

Patrick F. QUINN '39 has been promoted to professor of English at Wellesley College where he has been a faculty member since 1949.

Dr. Edward W. MILL '40, chairman of the Chevalier Interdepartmental Program in Diplomacy and World Affairs at Occidental College, Los Angeles, spent last summer in Vietnam, Malaysia, and other countries of Southeast Asia on a research project.

### 1941-1945

James HUSON '41 is administrator of Lorain Community Hospital, Lorain, Ohio, and was formerly administrator of Camden-Clark Memorial Hospital, Parkersburg, W. Va. He, his wife, and three daughters, live in Lorain.

Robert M. BOLZ '44 is assistant to the vice-president of engineering and research of Oscar Mayer and Co, and is also secretary and vice-president of the Kartridge Pak Co., an Oscar Mayer and Co. subsiddiary specializing in the manufacture of food-processing and aerosol equipment.

M. H. LIETZKE '44 is one of four Oak Ridge National Laboratory scientists who have joined the University of Tennessee staff on a part-time basis under special arrangement made possible by a \$750,000 Ford Foundation grant. An Oak Ridge scientist since 1949, Mr. Lietzke is a group leader in physical chemistry. He will teach some graduate classes at the University of Tennessee.

Jack L. SCHOLBE '44 is Boston district sales manager for Chicago Bridge and Iron Company, metal plate fabricating and construction firm.

After joining the bank in June, 1963, James M. WELCH '45 is trust investment officer with the Arizona Bank, Phoenix, where he lives with his wife and son.

### 1946-1950

Betty R. BROWN '46 has been appointed to the state legal staff of Wisconsin as an assistant attorney general, with primary responsibility in the field of criminal law.

Paul CRANEFIELD, Jr., '46, is editor of the Bulletin of the New York Academy of Medicine and lives in New York City.

Ulysses S. JONES, Jr., '47, is head of the agronomy department at Clemson College, Clemson, S. C.

Marshall ERDMAN '48, president of Marshall Erdman and Associates, is currently serving as an advisor to the Peace Corps building plan. Under his supervision, a number of schools and homes have been built in Gabon, West Africa, and in the Virgin Islands.

Dorsey Laboratories, Lincoln, Neb., announces the advancement of Donald R. PATOKA '49 from sales manager to director of marketing. Mrs. Patoka is the former Jean SIGWALT '49.



Donald W. DERBER '49 began 1964 by moving to a new position with the U. S. Steel Corporation as general manager, responsible for the Corporation's marketing activities in the machinery, converter, forger, and fastener industry. Prior to joining U. S. Steel in 1952, Mr. Derber was at the University for  $2\frac{1}{2}$ years as a research engineer in the Department of Agriculture. He joined U. S. Steel as a development representative in the market development division, moved up to assistant industry manager and industry manager before his appointment to his present post on January 1. Mr. and Mrs. Derber, who have four children, live in Corcappolis, Pa.

John G. QUALE '49, who has been practicing law in Shorewood for 14 years, has been elected a director and vice president of the Wisconsin Electric Power Co.

H. Richard DOKE is manager of the Robert W. Baird and Co., Milwaukee, municipal department, after specializing in municipal bonds with other investment companies for 13 years.

Aileen MACDONALD '50 is a foreign service officer with the U. S. Information Agency, assigned to Caracas, Venezuela. She was previously working in San Salvador as assistant to the public affairs officer, working with journalists, editors, civic leaders, and school officials.

Tank sales engineer for Trailmobile company of Cincinnati is David FEL-LOWS '50.

Attorney Owen F. MONFILS '50, Green Bay, is state civil defense director for Wisconsin.

### 1951

Bruce H. FELLOWS is manager-market development for General Electric's magnetic materials section and lives with his wife and three children in Greenville, Mich.

Samuel B. ROTH has joined the law firm of Kaplan, Finkel, and Roth, Pittsburgh, Pa.

Senior engineer and manager of system design at the Space Guidance Center's engineering operation at Huntsville, Ala., is Edwin W. SMYTHE.

Patrick J. NOEL is manager of customer service with the Wausau Paper Mills Co.

Del DRUMM, assistant manager of the Wausau area Chamber of Commerce since 1954, has now joined the staff of North Central Airlines as assistant to the chairman of the board.

The newly created data services department at Ansul Chemical Company is headed by David L. PISZCEK who is also a staff member of the office of the president.

### 1952

Dr. William C. SCHULTZ is assistant department head of the avionics department, physics division, of the Cornell Aeronautical Laboratory, Buffalo, N. Y.

William G. CICHOWSKI is a senior project engineer in the experimental engineering department, General Motors Proving Ground, Milford, Mich. He currently is a supervisor in charge of the safety test group which performs barrier impact, rollover, and other full scale collision tests. He is responsible for the development of test procedures and interpretation of test data.

David H. KLANN is vice president and director of sales for The Milwaukee Company. He is currently working in the Milwaukee investment securities firm's Wausau office.

Richard T. HAENLE is deputy contracts manager, Ranger Spacecraft System, for Cal Tech's jet propulsion laboratory in Pasadena.

Dr. Hipolito NINE-HERRERA is assistant professor of biochemistry and director of laboratories for University hospitals at the University of North Carolina. He is married to the former Pat McGRATH '55.

Dr. Frederic N. FIRESTONE is associate professor of economics at Lehigh University.

Dr. Thomas O. MILLER recently opened an office in Wausau in the practice of orthopedic surgery.

Gordon G. GRONERT is employed by companies of the Kemper Insurance Group and is a specialist in business insurance. He, his wife, and two daughters live in Elk Grove Village, Ill.

### 1953

Elmer A. GOETSCH, recently promoted from captain to major in the Signal Corps of the U.S. Army, has been stationed in Burma since December, 1962, and expects to be back in this country around May. For the performance of his duties with the Signal Corps, he recently received the Army Commedation Medal.

F. C. HECKER has been transferred from Indianapolis to Sydney, Australia, in his job with Eli Lilly pharmaceutical and biological products.

Donald R. CLARK was elected treasurer of American Manufacturers Mutual Insurance Company at the firm's recent annual board meeting in New York. He is also assistant secretary of Lumbermen's Mutual Casualty and American Motorists Insurance Companies, which belong to the Kemper Insurance Group, Chicago.

### 1954

Robert A. STEPHAN has been named a general partner of Robert W. Baird and Co., Milwaukee investment firm.

Richard O. JACOBS, an insurance agent for National Life of Vermont, has earned membership in the 1964 Million Dollar Round Table, the life insurance industry's 3,500 member international organization of million-dollar-a-year sales producers.

The board of directors of Mead Johnson and Company, Evansville, Ind., has elected William R. BEATTIE treasurer of the company. He joined Mead Johnson in 1958 as supervisor of the treasurer's department and was promoted to manager of that department in 1960.

### 1955

William P. PORS is practicing law in Marshfield (Wis.) and is serving as chairman of the Tri-County committee for higher education which was instrumental in getting a UW center located in Marshfield.

Attorney Kenneth T. McCORMICK has become a partner in Roberts, Boardman, Suhr, and Curry, Madison law firm.

Lenni W. KANGAS has moved his family halfway around the world, from Berkeley, Calif., to Cairo, Egypt, where he is working on the overseas development staff of the Ford Foundation.

#### 1956

Mr. and Mrs. Robert DeN. COPE announce the birth of their second son and third child, Thomas Pynn Cope, on Dec. 11, 1963. Other children are Oliver (6) and Eliza M. (4). The Copes (Margaret GRUENEWALD) live at 96 Sagamore Road, Worcester, Mass., where Mr. Cope is an attorney with the firm of Mirick, O'Connell, DeMallie and Lougee.

Joseph R. EMERICH is an assistant secretary in the trust department of The Northern Trust Company, Chicago. He lives with his wife and son in Oak Park.

### 1957

Donald A. LUBITZ is teaching at the University of Hawaii and has bought a house in Honolulu.

Clement M. SILVESTRO, director of the American Association for State and Local History in Madison since 1957, is now associate director of the Chicago Historical Society.

Mr. and Mrs. John HREN (Joyce DICKSON '56) and their sons Karl (5) and Philip (3) are spending the year in

### February, 1964

Cambridge, England. Mr. Hren is continuing post doctoral research in metallurgy under a National Science Foundation fellowship.

Peter CHINETTI, formerly with Oscar Mayer and Co. in the personnel department, is now with UW-M as director of placement. He, his wife, and two children have moved to Milwaukee from Madison.

Thomas GROTE is division manager of the Prudential Insurance Co. agency in Madison, and is responsible for recruiting and training new special agents.

Attorney Frank J. BUCAIDA has joined the Madison law firm of Petersen, Sutherland, Axley, and Brynelson.

land, Axley, and Brynelson. Ralph NEAL resigned the first of this month as assistant principal and football and wrestling coach at Monroe (Wis.) High School. Mrs. Neale is Janis ROBIN-SON.

Robert M. KING is project coordinator in the product development department of the Ames Co., Inc. of Elkhart, Ind.

Robert BRENNAN is now an assistant track coach for the UW, and was formerly cross country and assistant track coach at Waukesha High School.

C. Richard OLDENBURG has been promoted to credit officer at Wells Fargo Bank's Palo Alto, Calif., office. He, his wife, JoAnn, and their three children live in San Jose.

Mr. and Mrs. Leopold DICKER (Eva BARASH '58) will be awarded Master of Science degrees from Galludet College, Washington, D. C. with a specialty in the education of the deaf this year.

### 1958

Dr. and Mrs. Alfred Weisz (Karen KLIVANS) announce the birth of Craig Richard Weisz on July 16. Dr. Weisz is affiliated with the Stanford-Palo Alto Hospital in California in the psychiatry department.

Russell P. WIBBENS, structural engineer on the staff of the American Institute of Timber Construction, Washington, D.C., was recently elected a director of the Washington Society of Engineers.

Fred J. HEIM, an engineer with the city public works of Fond du Lac since 1959, is that city's new water department superintendent.

Paul D. HASS has joined the central research laboratories of General Mills Incorporated after receiving his master's degree from the University of Illinois.

Gar ALPEROVITZ joined the Washington staff of Wisconsin Senator Gaylord Nelson last month as the senator's legislative research director, specializing in economic and foreign policy issues. Mr. and Mrs. Alperovitz (Barbara RIEMAN) recently returned from England where he was completing work toward a PhD degree in American foreign policy at Cambridge University. After receiving his master's degree in economics at the University of California, Mr. Alperovitz won the Marshall scholarship granted by the British government. VAGABOND RANCH

Granby, Colorado. 18th season. Constructive, adventuresome summer for boys 12–17; ranch life plus travel. Station wagons from Conn. to Ranch in June, fly home end of summer. Ranch at 9200 ft. Riding, pack trips, geology, climbing school, skiing, fishing, riflery, work program. Elective trips Southwest, Sierras, Northwest. Trip to Alaska for older boys. Veteran staff; 65 boys. Separate Alaska trip for girls 15–18. For folder and '64 prospectus, write:

MR. & MRS. C. A. PAVEK Rumsey Hall School Washington, Conn.

### 1959

Dr. and Mrs. Victor Feldman (Judith STEIGMANN) announce the birth of their first child, Ruth Anne. The Feldmans will be living in Annandale, Pa., until April when Captain Feldman will complete his tour of duty as physician at the Pentagon Army Dispensary.

W. F. KORSAN is manager of merchandising of Allis-Chalmers General Products Division, Milwaukee.

Erwin G. BAUER, Greendale, Wis., is an officer in the securities department of Northwestern Mutual Life Insurance Co., a department in which he has served as a specialist since 1959. He is married and has two children.

Robert J. HAYES is area finance manager of Allis-Chalmers field sales office in Dallas, and had previously been a regional credits and collections coordinator in Milwaukee since he joined Allis-Chalmers in November, 1962.

Anthony A. SINKULA received his PhD degree from Ohio State University last December and is now with the Upjohn Company, Kalamazoo, Mich., in product research and development.

### 1960

Second Lieutenant William F. STECK-BAUER is assigned to the 3395th School Squadron of the U. S. Air Force, Keesler AFB, Miss. He is a weapons controller instructor.

Gerald J. RUDMAN, president of Fell, Rudman, and Company, has been elected to membership on the Midwest Stock Exchange. The firm is based in Highland Park, Ill., and services the North Shore of Chicago. He and his wife (Marianne FELL '62) live in Highland Park with their two sons, Stephen Elliot, and David Laurence.

Richard A. SENGER is a Peace Corps geologist in Ghana.

L. G. SCHAFRAN is an assistant vice president with Webb and Knapp, Inc., New York accounting firm.

### 1961

Uilledim FAGERSTROM recently transferred to the Remington Arms plant (Ilion, N.Y.) of E. I. DuPont, where he works in the engineering department.

Clayton G. BAILEY has been awarded

a Louis Comfort Tiffany Foundation grant and an American Craftsmen Council fellowship, each grant providing \$1,000 to be used in support of a research-grant. He taught pottery classes at UW during 1961-62 and has been in St. Louis, Mo., this year.

First Lieutenant James KIRMSE is company commander of Delta Company of the 809th Engineer Construction Battalion, U. S. Army, in Thailand.

Harvey BARASH is studying at Albert Einstein Medical School, plans to go to Europe in May and return to his studies the end of August.

John H. FRITZ has resigned as managing director of the Racine Theatre Guild, a job he held since June, 1961.

### 1962

After receiving his wings as a U. S. Air Force pilot, at Reese AFB, David

### Necrology

Charlotte Frances JAMES '98, Oshkosh. Richard Lloyd JONES, Sr. '98, Tulsa, Okla.

Lebrecht Julius KLUG '98, Milwaukee. Joseph Lawrence SHAW '99, Genesee, Ill.

- Mrs. Dante M. Stamm '99 (Eliza H. SHAW), Geneseo, Ill.
- Winchel Fay BARBER '00, Lawton, Okla.

Emma Julia OCHSNER '00, San Clemente, Calif.

- Arthur Algernon BALDWIN '01, Seattle, Wash.
- Frederick William SCHULE '01, Poughkeepsie, N. Y.
- Rose Alice PESTA '02, LaJolla, Calif. Mrs. Edwin J. Weiland '02 (Agnes V.
- DAVISON), Marion, S. Dak. Charles Marcus WHITE '02, Stevens Point, Wis.
- Rawson Joseph PICKARD '03, San Diego, Calif.

Fred Ralph HUNT '04, Chicago, Ill. Albert L. LARSEN '05, Milwaukee.

- Wilbur Gordon DAVISON '06, Sun Prairie.
- Alfred U. HARPER '06, Evanston, Ill. Frederick H. LUDLOW '06, Milwaukee.
- Ethel Suzanne CARTER '07, Appleton. Thomas W. B. CRAFER '07, Syracuse,
- N. Y. William Cleveland EDGE '07, Fenni-
- more. J. Cornelius JOHNSON '08, Milwaukee.
- Mrs. A. G. Rowley '08 (Ottillie L. KIRST), Middleton.
- Roy Maxwell TALBOT '08, Berkeley, Calif.
- William R. CURKEET, Sr. '09, Madison.
- Mrs. Leo Wefel '09 (Alma Katherine HINN), Fennimore.

AHLGREN has returned to a unit of the Wisconsin Air National Guard.

Mr. and Mrs. William J. SULLIVAN (Bette Jo WIVL '59) announce the birth of Joseph Carroll on Dec. 18, 1963, in Madison. Their daughter, Mary Bridget, is two.

Donald W. LEWIS has been reassigned to Grand Forks AFB, N. D. after receiving his wings from Vance AFB, Okla.

#### 1963

Second Lieutenant Howard B. HIPP-MAN completed an eight-week basic medical service corps officer course at the Medical Field Service School, Brooke Army Medical Center, Fort Sam Houston, Tex., late in November, as did 2nd Lt. John H. LANGFORD.

Timothy I. BURKE began a two year tour of duty with the Peace Corps in Nigeria in January.

Robert Littlefield HATCH '11, Oakland, Calif.

- Emmet HORAN, Jr. '11, Milwaukee. Alonao Vass '11, Laramie, Wyo.
- Edward Christian WARTH '12, Concord, Calif.
- Clifford Samuel ASHMUN '13, Minneapolis, Minn.
- George Nicholas ELLEFSON '13, Syracuse, N. Y.
- Alden George ELSBY '14, Sarasota, Fla.
- George V. BRAINARD '15, Wisconsin Dells.
- Ralph S. CROWL '15, De Pere.
- James Garfield DANILSON '15, Manson, Wash.
- Frank Westby BENEDICT '16, Clinton. Mrs. W. G. Bingham '16 (Hanna D. POPPE), Milwaukee.
- Eugene Ludington EISEN '16, Milwaukee.

Florence Mary FRIAR '16, Grand Rapids, Mich.

Lillian Albyna MARKS '16, Madison. Ewald Louis MOERKE, Sr. '16, Milwaukee.

Mrs. Winifred Hackley DURFEE '17, Belleville, N. Y.

- Frank Charles LEEMING '17, Chicago, Ill.
- Thomas Joseph MADDEN '17, New London.
- Irving William WOOD '17, Great Neck, N. Y.
- C. T. FLECKENSTEIN '18, Favetteville, N. C.

Julian Orville LEÈ '18, Winter.

- Vera Navlor SCHULTZ '18, Waterloo. Mrs. Isabelle Sanderson SCHWALBE '18. Urbana. Ill.
- Edith Elizabeth HODGE '19, Madison. Etta M. MICHAELS '19, Highland Pk., Ill.

Burl Neff OSBURN '19, Madison.

- Flovd Edmond SULLIVAN '19. Washington, D. C.
- Andrew Beattie CAROTHERS '20, Greenwood, Miss.
- Laurel Archer DUFFIN '20, Whitewater.
- Albert Zarhariah MANN '20, St. Paul Minn.
  - George Lane SIMPSON '20, Phelps.

Walter Leland ALBERS '21, Wytheville, Va.

Mrs. Samuel J. Brandenburg '21 (Margaret J. BRANDENBURG), Eustis, Fla.

John BERNARD '22, Beaver Dam. George Walter CAIRNS '23, Mazomanie.

- Lorenzo Lyman DARLING '23, Fort Atkinson.
- Arthur John PLATTEN '23, Detroit, Mich.
- Mrs. E. Earle Swinney '23 (Zillah HEDGER), Verona.
- David Harold GORMAN '25, Muskegon, Mich.

Matilda HANSEN '25, Kenosha.

John Byers HEFFELFINGER '25, Newton, Kans.

Lillian Margaret KEELEY '25, Madison, Leland Martin ROSE '25, Madison.

Mrs. John E. Burks, Jr. '26 (Margaret D. PATCH), Tarzana, Calif.

Andrew Merle COWAN '26, Falls Church, Va.

Ross Greenfield KITCHEN '26, Indianapolis, Ind.

- Forrest Vern OWEN '26, Hyde Park, Utah.
- Margaret Evelyn PHILLIPS '26, Pomona Calif
- Herbert Downs SIMPSON '26, Evanston, Ill.
- Edmund William PROKOP '27, Milwaukee.
- Mrs. Ralph Z. Tobriner '27 (Helen M. BOYD), Washington, D. C.
- Mrs. Ralph Ellwood Goodwin '28 (Gwendolyn E. MORGAN), Northfield, T11.
- Stella Marjorie HILL '28, Waukesha. Mrs. Frank Watson Norris '28 (Elizabeth SEAMAN), Oconomowoc.
- '28, Michael Jerome O'LAUGHLIN Calumet City, Ill.
- John Edward REILLY Jr. '28, Milwaukee.
- Mrs. A. Dwight Richardson '29 (Marion A. MURRAY), Los Alamós, New Mexico.
- Carl Alfred BUSS '30, New York, N.Y. Emily GOETZ '30 Milwaukee.
- John Claire HARMAN '30, La Crosse. Mrs. John Edward Leach '31 (Marion E. BATES), Milwaukee.
- Edwin William HATTSTAEDT '32, Milwaukee.
- Mrs. Earl V. Hicks '32 (Ruth A. HEIDEN), New Glarus.
- William Charles HOPPE, Jr. '32, Madison.
- Herman WOLF '32, Philadelphia, Pa. Frank James Noelle '33, Park Ridge, 111

- Mrs. Gordon Heter '34 (Jane BRAN-DENSTEIN), Guerneville, Calif.
- John William MORAN '34, Saint Paul Park, Minn.
- Newton Geroge PLACE '34, Sacramento, Calif.
- Russell Owen BOLSTEAD '35, Wauwatosa.
- Mrs. Frederick F. House '35 (Elizabeth WALBRIDGE), Rockport, Mass.
- Paul Warren NELSON, Jr. '35, Milwaukee.
- Herbert Oscar DUESCHER '36, Waukegan, Ill.
- John William MANNERING '36, Madison.
- Robert Emmett MINAHAN '36, Green Bay.
- Mrs. William W. Weatherford '36 (Lucile A. MADSEN), Ione, Ore.
- Mrs. Jane Schneiderman '37 (Janet M. TURNBULL), Green Bay, Wis.
- Henry Addison KJENTVET '38, Fond du Lac.
- Dr. John Waddington O'NEILL '38, Boulder City, Nev.
- Gene Louis KIMPEL '40, Milwaukee. Esther Terry HOLMAN '41, Los Angeles, Calif.
- Russell Wilson HOVEY '41, Rockford, Ill.
- Jerome Herluf MATSON '42, Delavan. Huldreich Zwingli LEHMAN '43,
- Everett, Wash. Clifford M. ROSE '47, Kewaskum.
- James Alexander DAVIDSON '48, Wau-
- watosa. Mrs. Fred Moellendick Borwell '49 (Ruth G. LANGE), Wauwatosa.
- Frederick James BRADLEY '49, Brookfield.
- James BURNS '49, Birmingham, Ala. Aaron Edward MICKELSON '49, Eau
- Claire. Mrs. Joseph Lichtor '51 (Charlotte N.
- WEINGBERG), Prairie Villable, Kansas. Mrs. Dexter S. Goldman '52 (Elise
- CAHN), Madison.
- Leroy Felix HARRIS '52, Gary, Ind.
- Gene Richard JACOBSON '53, Hixton.
- Marcus Thorson HAGESTAD '55, Mineapolis, Minn.
- Robert Curtis HINES '56, Bloomington, Minn.
- William M. WEAVER '60, Ft. Smith, Ark.

### Newly Married

### 1950

Shirlee Bell and William K. CHIPMAN, Madison.

- Marion Anna HOPPE and Paul Gilpin Beard, Waukesha.
- Karen Veronica Gilbertson and Richard Ralph KOSINSKI, Janesville.

Joyce POSSON and Lindley M. Winston.

### 1954

Arlene Lillian ALBRIGHT and Frederick Eugene Huber, Oshkosh. Dorothy J. Kemper and Charles G. BENTZIN, Phoeniz, Ariz.

### 1955

Nancy Lou Robbins and Robert M. KIMBALL, Janesville.

### 1956

Marybeth Beebe and Dr. David Edwin GOODNOUGH, Sparta.

Judith A. Koss '60, and James W. SAUER, Madison.

### 1957

- Nancy Anne FORD '59, and Ervin Leon DOEPKE, Milwaukee.
- Joan Louise Broglio and Donald F. KIMMEL, Cleveland Heights, O.
- Kathleen Caroline Koehler and James Arthur LAABS, Wausau.

#### 1958

- Stella Wu and William S. DAWN, Madison.
- Jean M. Mair and James E. FREYTAG, Wayzata, Minn.
- Carolynn Flanders and James William HUGHES, Birmingham, Ala.
- Naomi PINES and Alex Gitterman. Ethel STORLIE and Dean O. Stanley, Washington D. C.

### 1961

- Kathleen GORMAN '63, and David J. BAUHS, Madison.
- Virvginia L. CERF and Dale C. Brookins, Pelham, N. Y.
- Janet Beth Morris and Frederick Allen FOSDAL, Waukesha.
- Colleen E. O'Brien and Kenneth D. KOTNOUR, Madison.
- JoAnn H. LOWER and Lt. Cmdr. Duane James Hofhine, Madison.

Linda M. ROLL and Stephen James Allen.

- Kay Elizabeth SAVAGE and Richard Duane Anderson, Kenosha.
- Celinda Elizabeth VOGT and Robert James Current, Brooklyn.
- Nancy Mae WEGNER and Dr. Salama Abdalla SALAMA, Cairo, Egypt.

### 1962

Barbara Anita Nichols and Richard Paul ANKLAM, Milwaukee.

- Florence FUGINA and Fredric Gennerman, Arcadia.
- Patricia Ann BERNICK '63, and James C. HOLLY, Wausau.
- Susan Kay Meyer and Reese Epperson JAMES, Green Bay.
- Johnette KENNEDY and James Lewis Pickett, Madison.
- Barbara J. MACK and Mark Zierten, Charleston, S. C.
- Mary Esther MULLER and Robert John White, Tennyson.
- Lora WINSBOROUGH and John Murphy, Wausau.

### 1963

- Kathleen Ann Brown and Elmer LeRoy BJERKE, Minneapolis, Minn.
- Jane Louise BRANDENBURG and William J. Brimmer, Madison.
- Leilani De BAERE and Alan P. Kingsbury, Lake Geneva.

Martha Marie GLESNE and Edward Lansing CUSSLER, Jr., Beloit.

- Helen LOEHNING and Fred A. Rose, Madison.
- Mary Kathryn Schuster and Martin John MONAHAN, Madison.
- Patricia Evelyn HOVEY and Jay Llewellyn SMITH, Birmingham, Mich.
- Dorothy Jane SUTTON and Rhett Franklin Sawyer, Milwaukee.
- Joan E. WALKER and Brian D. Unter, Stockton, Ill.

Ruth Karen WINNEY and John T. Midthun, Galena, ll.

### Alumni Asked to Submit Names For Distinguished Alumni Awards

This year, the Wisconsin Alumni Association will be presenting Distinguished Alumni Awards to outstanding Wisconsin graduates. The awards will be given to alumni who have the following qualities:

- $\star$  outstanding professional achievement
- $\bigstar$  a record of alumni citizenship that has brought credit to the University
- $\star$  loyalty and service to Wisconsin

Association members are encouraged to nominate alumni for this award. The Awards Committee will review the nominations and make a final selection. The Distinguished Alumni Awards will be presented at the Alumni Dinner on June 6. Nominations must be in the Association office by April 1. Send your suggestions to : Alumni Awards, Wisconsin Alumni Association, 770 Landon Street, Madison, Wisconsin 53706.

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The man in the relaxed position is working. Working hard. He's an engineer operating a velocity pickup or "prober" to measure and analyze the chassis shake and bending characteristics produced in the laboratory by a special shake rig. With this equipment, he can simulate the roughest, bumpiest washboard road you'll ever travel. He can compress years of jouncing into just a few hours and repeat the experiment under identical conditions time and time again. It's only one of the exhaustive tests designed to make your General Motors car a better riding, more comfortable car.

This engineer's job is something special—simple to state, difficult to do: *improve existing products* and develop new ones. He and thousands of GM engineers and trained technicians are aiming for this goal every day of the year.

How does he do it? It's not easy. He designs, builds, tests—examines, evaluates, *improves*. He's a doer if there ever was one. The end result of his work is the satisfaction which General Motors products bring to their owners.

All told, there are 19,850 engineers and scientists at General Motors. Five hundred colleges and universities are represented, extending from the east coast to the west coast and most states in between.

The engineer is another fine member of the General Motors family—a family which includes not only employes, but suppliers, shareholders and dealers as well. These people are the basic reason for the success and progress of GM.

# GENERAL MOTORS IS PEOPLE ....

Making Better Things For You

14