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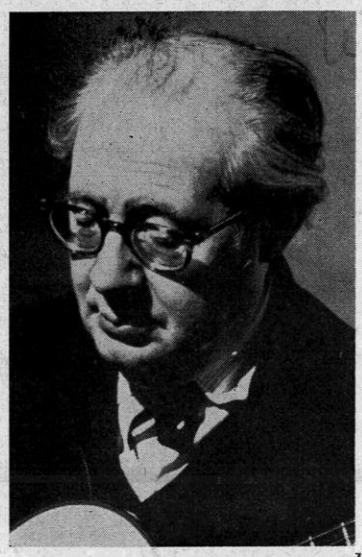
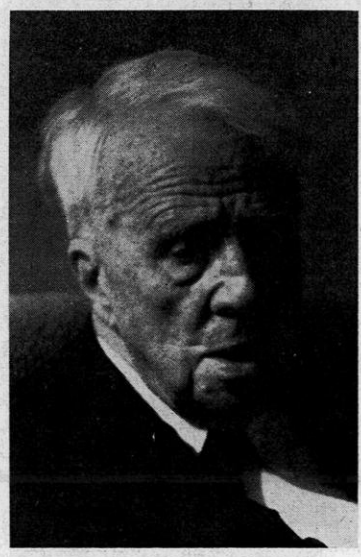
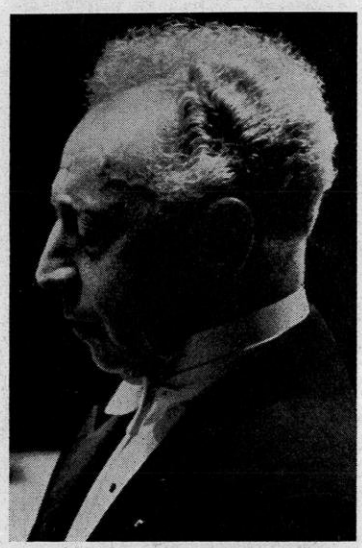
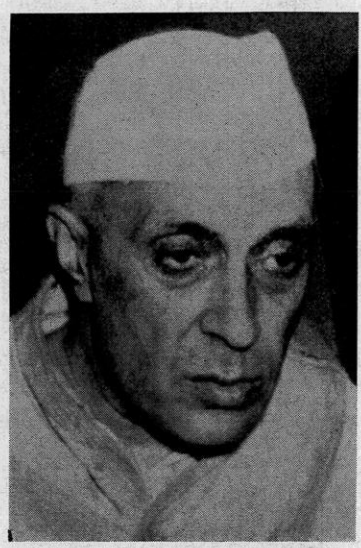
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WISCONSIN

OCTOBER, 1964

Alumni

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about the cover—page 13

Union Theater Celebrates its Twenty-fifth Anniversary



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Letters

"A Teacher Effects Eternity"

Thank you for your comments in the July 1964 *Wisconsin Alumnus!*

I came into teaching after twenty years in the profession, because I wanted to encourage students to find their place in public welfare. I entered by the accepted route: advanced academic work, a Ph.D with dissertation accepted for publication at once. However, now placing students and their educational experience first, and personal ambition to write and publish second, seems to place one in a strange position. Yet I have the personal satisfaction of knowing that I have "inspired students, encouraged them to discover that the process of learning is a lifetime pre-occupation."

I hope that the University of Wisconsin will do as you suggest—judge each faculty member on his ability to perform effectively in a given area.

Ruth M. Werner '34
 Cleveland, Ohio

I just finished reading the *Wisconsin Alumnus* for July and was pleased to note that of the nine houses for women in Witte Hall, two of them are being named for "Margery J. MacLachlan, director of the School of Nursing and associate dean of the Medical School and Annie Pitman, professor of the classics and one of the earliest faculty members of the Extension Division."

I was pleased to see the tribute given, in particular to Miss MacLachlan, one of our leaders in nursing in Wisconsin; and was equally pleased for Annie Pitman who was one of the first to inspire me to further my education. My first contact with Miss Pitman was through a correspondence course in English. I met Miss Pitman personally in her home on Henry Street during those rough depression years. She depicted to me all that is fine in womanhood. Henry Adams sums my feelings so well when he said, "A teacher effects eternity, he can never tell where his influence ends."

Irene L. Stenseth, R. N. '40
 Kenosha

On the Presidents

I read Fred Leiser's articles in the May and June alumni magazines and enjoyed them very much. Not only did I find them interesting, but I learned a great deal about the University and its presidents, especially the early history. You have done a great service to the University and the alumni for I am sure there are many who were as ignorant as I was.

Florence W. Ela '02
 Madison

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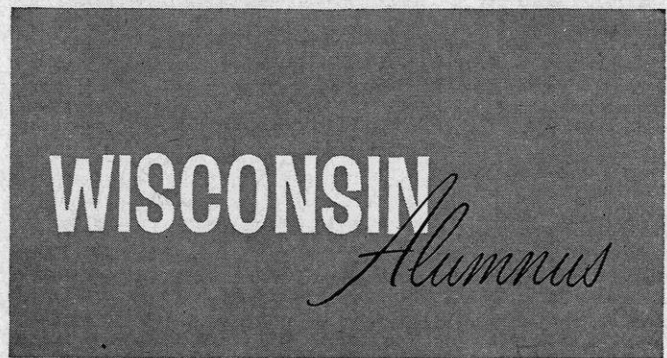
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October, 1964



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Wisconsin Alumni Association

770 LANGDON STREET, MADISON 6

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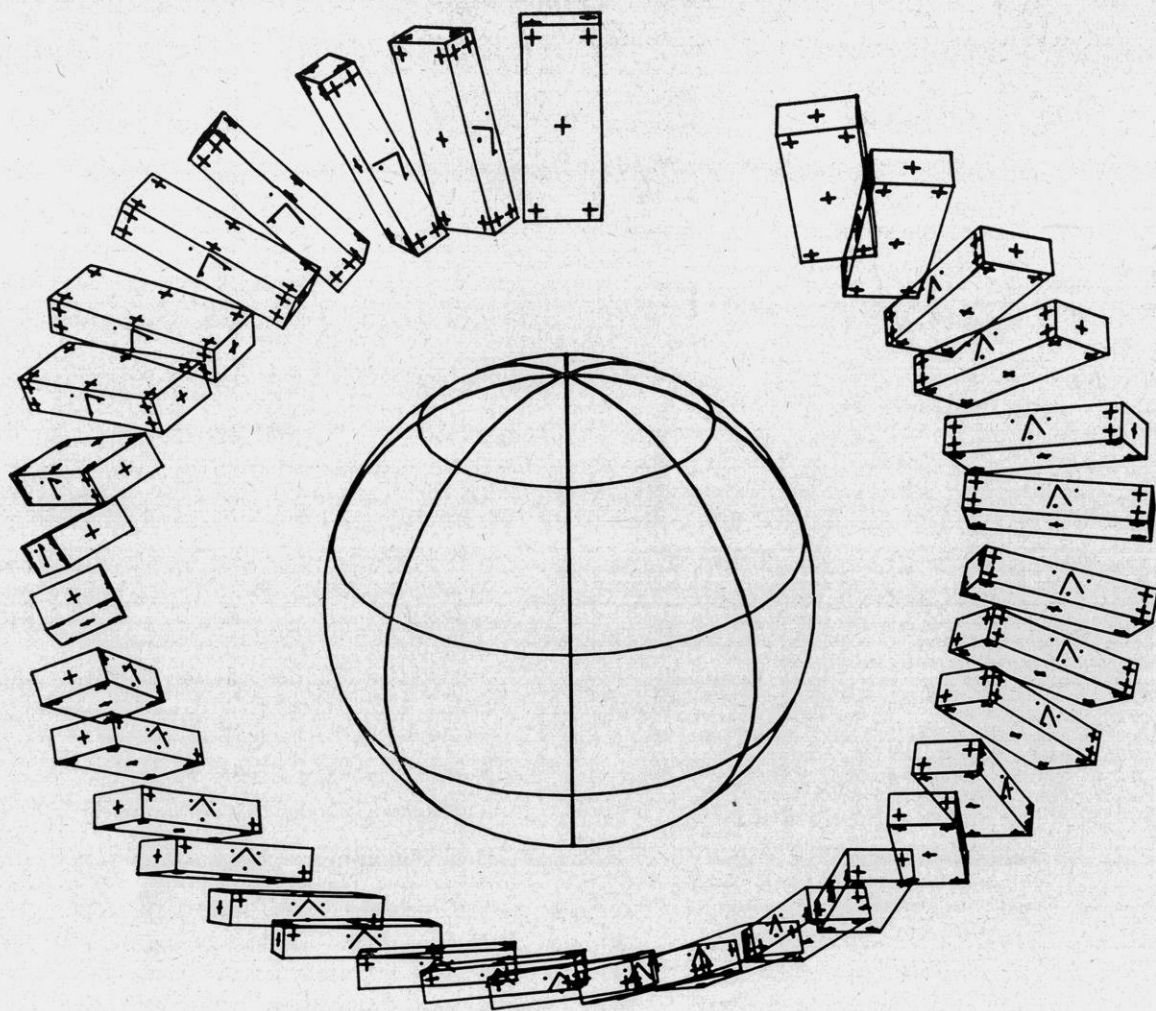
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Picture of a satellite in orbit—as drawn by a computer

The domino-shaped box in the drawing above represents a communications satellite orbiting the earth.

The various angles and positions of the box show the relative positions of the satellite during one orbit.

The drawing was made, not by a man, but by a computer at Bell Telephone Laboratories to help scientists visualize how the satellite would behave.

What the computer did is called *simulation*. Working from data given it, the computer calculated, or simulated, the satellite's position at various instants and produced the

picture on microfilm. The picture told us what we needed to know.

We use such simulation a great deal to save time and hold down costs in developing and testing new products and services.

Computers help us plan coast-to-coast transmission systems, new switching logic, and data systems. They also help us study problems relating to telephone usage at given times of the day or year.

Not all of our simulation is done on computers. Often we can simulate by other means.

We test new kinds of undersea telephone cables in buried, brine-

filled steel pipes that duplicate the pressures and temperatures of the ocean's bottom at various depths.

Ingenious equipment in one of our laboratories sends test telephone pulses racing around an electronic ring that simulates a 6000-mile circuit containing 5300 repeaters to boost voice volume.

Many additional examples of simulation could be cited. Often they help us spend our time and money more efficiently in developing new services and improving present ones—in making sure that America continues to enjoy the world's finest telephone service at the fairest possible prices.



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by Arlie Mucks, Jr.
EXECUTIVE DIRECTOR



THIS HAS been a great year for your Association—in fact, the greatest in its 103 year history. We're happy to report that through the efforts of many of our alumni and the clubs throughout the country, our Association enjoyed the greatest membership growth of any in the Big Ten. During 1963-64, we hit an all-time record high of dues income. This is always a sign of progress because it indicates that the various Association activities have paid off where it counts—in active financial participation by more and more alumni.

Our membership has grown to 29,000 dues paying members which puts us in the very top echelon of alumni associations throughout the country. In fact, last year your Association raised more dues money than any other alumni association in the entire country with the exception of Ohio State. We can all be proud of this record. It demonstrates that more and more Badger alumni are dedicating themselves to assisting the Association and its efforts to maintain Wisconsin's role as one of the world's truly great educational institutions.

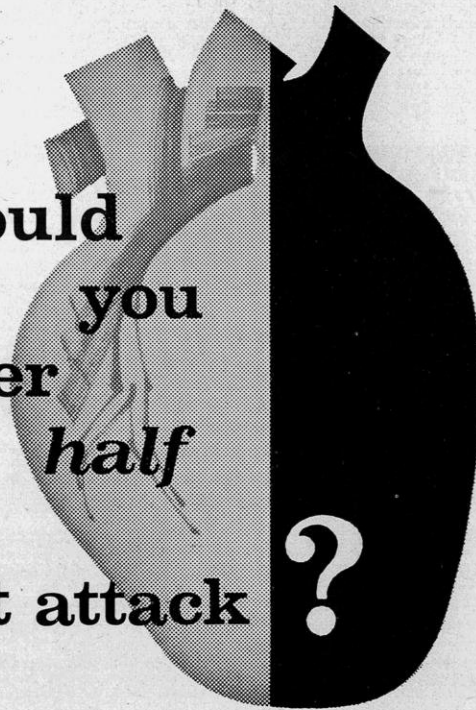
We are equally proud of the job that has been done by our editor, Art Hove. The *Alumnus* received a national award for editorial achievement this past summer. This is the first time that the magazine has been so honored in many years. Through the *Alumnus*, we try to keep you posted on the important things that are facing our University and your Association. The *Alumnus* will continue to play a key role in our communication during the years to come as it keeps you informed of the rapid changes taking place on your campus.

During these highly important decision making days, the Alumni Association must assume a larger role in interpreting the University's program to its alumni public. Therefore, we will accelerate our face-to-face relations program with a series of regional meetings as well as an increased number of alumni club meetings and activities. For the past two years, Ed Gibson and I have been functioning as traveling salesmen for the University and have covered every corner of this great land. It becomes physically impossible to be everywhere at once so additional staff personnel is a necessity. We are happy to report that George H. Hibner has been added to our staff as Associate Director of Alumni Relations and will be working closely with Ed Gibson. George brings with him an excellent background of organization work and I know you will enjoy meeting and working with him in the years ahead.

This year will provide additional excitement because of the approaching construction of your Alumni House. Presently the final drawings are being readied for bids and, if our timetable holds true, we will start construction around the middle of November with formal dedication scheduled for Homecoming, 1965. When this home for Wisconsin spirit is completed, it will be a great asset for our Association in that we will have our own building, a place where you can join with fellow Badgers in enjoying the finest alumni house in the land. All the money has been raised for this structure, the plans are nearly ready, and we expect the Alumni House to be a real incentive to keep our Association growing at a rapid pace.

The signs of progress are obvious, but the job is far from complete. We ask you to be our individual salesmen and to help by encouraging your fellow Badgers to join with us in the exciting work that lies ahead.

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half
a
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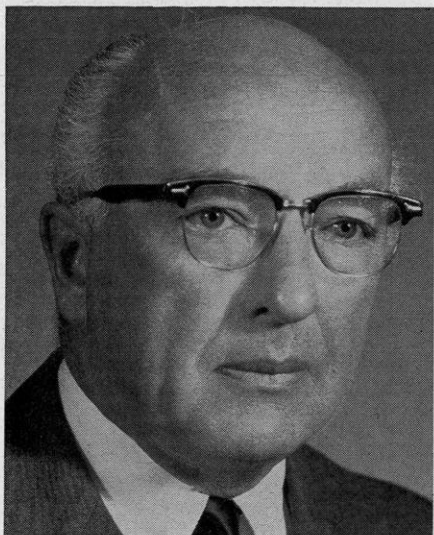
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ABOUT THE UNIVERSITY



WARF Officials Named



William R. Kellett

TWO WISCONSIN business executives have been named to new posts as officers of the Wisconsin Alumni Research Foundation (WARF). William R. Kellett of Menasha has been elected president of the board of trustees of the Foundation, and Stanley W. Rewey of Milwaukee has been named vice president and assistant treasurer. The 39-year old Foundation Mr. Kellett heads is internationally noted for bringing important scientific discoveries to the public. It has also given substantial support to the research program of University of Wisconsin through income earned from its patent licensing and investment program.

William Kellett was graduated from the University in 1922 with a B. S. degree in chemical engineering. Shortly thereafter he joined the Kimberly-Clark Corporation, Neenah, ultimately rising to the presidency of that company. Although recently retired as president of Kim-

berly-Clark, he is continuing with the company as a member of the executive committee, director, and as an executive consultant.

In a formal presentation on Engineers Day in March 1949, Mr. Kellett was cited by the UW College of Engineering for "outstanding accomplishments in engineering and industrial fields." He is a trustee of the Wisconsin Industrial Research Council to which he was appointed in January 1964. He was appointed a trustee of WARF in 1948.

The newly elected vice president and assistant treasurer of WARF, Stanley Rewey, received the Ph.B. degree at the University in 1935. He is executive vice president of Marshall and Ilsley Bank, Milwaukee, and is also a member of the Wisconsin Investment Board.

WARF officers re-elected by the board of trustees are Walter B. Frautschi, secretary and treasurer, and Bernard Mautz, vice president and assistant secretary. Both are residents of Madison.

Since WARF was formed in 1925, it has granted a total of more than \$35,000,000 to the University of Wisconsin in Madison and Milwaukee for the support of research and for the construction of new buildings. The Foundation played a leading role in introducing the Steenbock method of producing vitamin D, the anti-rickets vitamin, for the fortification of foods and drugs. It was also responsible for the introduction of the anticoagulants Dicumarol and warfarin discovered in the laboratories of Professor Karl Paul Link. These are widely prescribed drugs for the management of certain types of heart disease. Warfarin, named from the initial letters of WARF, is also the world's foremost rodenticide.

University Receives Grant for Educational Research

A \$3.5 MILLION Center for Educational Research and Development will be established at the University of Wisconsin in Madison under terms of an agreement between the UW and the U.S. Office of Education.

The UW Center will be the first national center set up to investigate learning problems and will have its findings disseminated to school systems throughout the nation.

The federal government will provide about \$2.5 million over an initial period of five years, from fiscal 1965 through 1969. Extension for at least five more years is likely, according to Prof. Herbert J. Klausmeier, UW educational psychologist and co-director of the project. Dean Lindley J. Stiles of the UW School of Education is the other director.

"The Center will lead the nation in improving the efficiency of learning by children in schools and by adults in selected settings," Prof. Klausmeier said.

UW President Fred Harvey Harrington said the signing marked "an important day in the history of the University of Wisconsin."

"This agreement marks the culmination of years of effort devoted to the improvement of the research capabilities of the School of Education, and opens the way to still greater developments," Dr. Harrington said.

Howard F. Hjelm, director of basic research for the U. S. Office of Education, negotiated the contract with the UW. He said the agreement follows a new pattern in educational research of "full institutional commitment" to the solution of a particular complex of problems.

"The University of Wisconsin has pledged itself to fully investigate the problem of learning and to disseminate research findings in a way which will bring about definite changes in school practices," Hjelm said, adding that the UW is "perfectly suited" to undertake this institutional commitment. "Wisconsin was chosen because of the exceptional quality of its educational researchers, because of its excellent relationship with local schools and with the State Department of Public Instruction and because of the wholehearted dedication to the project existing in Madison," Hjelm said.

New Dean Appointed for International Program

DR. HENRY Bertram Hill has been appointed Dean of International Studies and Programs at the University. Creation of the new post is the result of the rapid increase of University educational interests and responsibilities abroad, according to UW Vice Pres. Robert Clodius.

Dr. Hill, whose title has been UW Coordinator of International Studies and Programs for the past two years, came to Wisconsin as professor of history and chairman of the Extension Division history department in 1948. He was later chairman of the Madison campus department of history.

A native of Massachusetts, he earned the B. A. degree at the University of New Hampshire, Durham, in 1928, and the M.A. in 1931 and Ph.D. in 1933 at Wisconsin. He was on the faculty of the University of Kansas City from 1934 to 1948. On leave during World War II, Prof. Hill was chief of the Western European section, Research and Analysis Branch, Office of Strategic Services.

His scholarly publications include many articles in learned journals on topics related to his special interest—French constitutional history. In 1961 the University of Wisconsin Press published his translation of *The Political Testament of Cardinal Richelieu*. He is probably best

known to Wisconsin undergraduates as one of the editors of the volume *Europe in Review*. He has done research in France with support from the Ford Foundation and the Social Science Research Council, and is a charter member of the Societe Internationale d'Histoire de la Revolution Francaise.

Among other undertakings, Dr. Hill has been instrumental in arranging Junior year programs in France and Germany for UW students. He has played a key role in establishing collaboration in agricultural education between Wisconsin and the University of Ife, Nigeria. He is currently on a trip to South America with UW Prof. E. R. Mulvihill to check on UW interests in several countries.

Research Center Established for Newly Developing Nations

THE UNIVERSITY has established at Madison a Center for Research and Services for the Newly Developing Nations.

"Intelligent use of our university resources can do much to help these nations achieve the progress demanded by the rising expectations of their peoples," stated the UW committee which called for creation of the Center. "A great university cannot stand apart from one of the major efforts of its time."

Establishment of the Center was announced this summer by Dr. Robert L. Clodius, vice president for academic affairs.

The Center will have a wide range of functions including assisting in drawing up research proposals and planning seminars on the newly developing nations. The Center also will act as a clearing house of information on present and proposed programs for these areas.

Prof. Leon Epstein of the political science department will be chairman of the committee which will direct the new center.

Other committee members are Profs. Anthony Curreri, director of the division of clinical oncology, UW Hospitals; James R. Donog-

hue, director of the Bureau of Government; Edward E. E. Heizer, dairy science; Henry B. Hill, history; Bryant Kearn, agricultural journalism; J. Kenneth Little, education; Raymond J. Penn, agricultural economics; Donald R. Shea, dean of international studies and programs, UWM; Gerald Somers, economics; James Villemonte, civil engineering; and Edward E. Werner, commerce.

Weather Expert Suomi Receives Washington Appointment

VERNER E. SUOMI, professor of meteorology and widely known leader in the UW space research program, has been appointed chief scientist for the United States Weather Bureau.

The 49-year-old teacher and expert in studies of the atmosphere and its various phenomena related to heat, moisture, and wind, assumed office the first week in September at Washington, D. C.

Prof. Suomi is the first person to be appointed to the new position with duties of advising the chief of the bureau and reviewing the content and adequacy of the Weather Bureau's scientific program. The position requires that it be filled for periods of one to two years by leading scientists from American universities and private industry.

Prof. Suomi will serve for one year, but will return to the Madison campus frequently to work with UW graduate students in meteorology.

He said UW space activities in meteorology will be continued in his absence under the direction of Prof. Robert Parent, who has been associated with the program since its beginning. "None of our space activities could have occurred without the help of Professor Parent," Prof. Suomi stressed.

The new chief scientist of the nation's weather center received the Clarence LeRoy Meisinger Award from the American Meteorological Society in 1961 for his work in atmospheric radiation. He became widely known to the public as a

Wisconsin scientist when the U. S. satellite program got underway in the late 1950s.

After two disappointing rocket failures, Explorer VII, carrying UW instruments to measure the earth's heat budget, was sent into orbit in October, 1959. The instruments, constituting one of seven experimental packages on board Explorer VII, were designed by a 12-man team under the leadership of Prof. Suomi.

The great importance of cloud systems in controlling the earth's heat loss was established by the data gained through Explorer VII. At the time of launching, Explorer VII was the largest of U. S. satellites.

Tiros III, launched in July, 1961, Tiros IV, in February, 1962, and Tiros VII, in June, 1963, lifted similar instruments into space and extended UW studies of the earth's heat budget.

Prof. Suomi joined the Wisconsin staff in 1948 as an assistant professor of meteorology. He was appointed associate professor in 1950 and full professor in 1958. The Eveleth, Minn., native received his Ph.D. degree in meteorology from the University of Chicago in 1953.

Heart Disease Study

DESPITE many claims being made to the public, we still have no proof that any one factor is directly responsible for heart disease or arteriosclerosis says a University of Wisconsin researcher.

Dr. Joseph J. Lalich, UW professor of pathology, is currently investigating chemicals that cause damage, similar to arteriosclerosis, in blood vessels.

"There have been many studies that link general types of foods, such as fats, with arterial fat deposits which hinder blood flow," Dr. Lalich said. "But to say that fat deposits are caused by these foods, is not a complete explanation."

The UW Medical School researcher said scientists have yet to learn exactly what in these fatty foods contributes to the blood fat deposits and how it goes about form-

ing them. Dr. Lalich also was critical of the confusing reports from many sources about heart disease and arteriosclerosis. "No wonder the public is confused," he said. "They read where everything under the sun, and including the sun, can cause cardiovascular disease."

"There may be a statistical relationship between certain factors and heart disease, but statistics do not tell us how a substance causes vascular damage or whether it alone, is responsible for the damage seen."

The problem, Dr. Lalich pointed out, is that researchers simply cannot get at the vascular system in a living system for testing and measuring as they can other parts of the body.

"You can't take samples or photographs of blood vessels that are still intact, so we can't really see how a substance acts on it," he said.

"Deteriorating blood vessels are known to kill people, but there is still no way of predicting how or where a substance will cause deterioration. Furthermore, what is harmful to one person, may not affect another."

Cooking for a Regiment

DO YOU like to plan for a crowd? Does baking for a regiment appeal to you?

Does the thought of 10,000 meals a day thrill your cookish heart?

If the answers are "yes," the University's new training program for cooks may interest you.

Accepted enrollees in the nine-month project, which began last month are receiving on-the-job instruction in the basic principles, materials and methods of large-scale cooking. Moreover, they are being paid a salary of \$274 a month while they learn, increased to \$289 at the end of five months and to \$304 upon successful completion of the course.

A severe shortage of institutional cooks which the University's Division of Residence Halls must solve before new room-and-board units can be opened in the Southeast Dormitories and Recreation area has

prompted the division to train for its own—and for others, too.

"When Gordon Commons is finished in the fall of 1965, this food unit alone—servicing Sellery, Witte and Ogg halls—will require at least 15 new cooks on our food staff," George Gurda, assistant director of Residence Halls, pointed out. Some 3,300 students will take three meals a day at Gordon Commons, he said.

The training in large-scale cooking involves 40 hours a week of on-the-job schooling and classwork. The University Personnel Office and the State Bureau of Personnel are cooperating with the Division of Residence Halls in the program.

Fifty Year Man

ONLY THREE persons have been given the Fifty-Year Service



Award which Einer Anderson, retiring supervisor of buildings and maintenance in the University of Wisconsin Division of Residence Halls, proudly wears

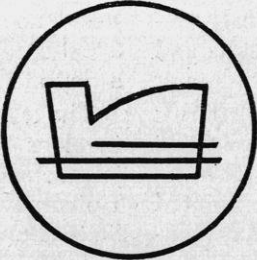
in his lapel.

The diamond-studded platinum pin, presented by the University's Service Club, is in recognition of a half-century of devotion to the cause of keeping Wisconsin students in the halls system well housed and well fed.

Anderson, 68, whose speech, for all the years in America, strongly points up his Swedish birth, retired this summer from his many-faceted University duties.

"Much of the high standard of custodial and building maintenance in the halls can be attributed to Einer Anderson," Newell Smith, director of the Division of Residence Halls, said recently in praise of Anderson. "He has done an excellent job in his half century with the University and throughout that period has been exceptionally well liked by all those who have worked with him."

a quarter century
of excellence
union theater
the wisconsin



To man's institutions, as to man, the seasons come one upon another until twenty-five of them overflow memory.

Since Oct. 9, 1939, when the first curtain at the Wisconsin Union Theater opened on Alfred Lunt and Lynn Fontanne in Shakespeare's immortal couple war, "The Taming of the Shrew," ideas have sparkled in the campus auditorium.

Great theater from Broadway, from international sources, from our own campus, has played here.

Most of the famous musicians and dancers of the mid-century have performed here. Popular artists have entertained, renowned statesmen and scientists have challenged values.

The names are legion and as varied: Adlai Stevenson, Robert Frost, Joan Baez, Prime Minister Nehru, Barry Goldwater, Eleanor Roosevelt, Harry Belafonte, Frank Lloyd Wright, Ella Fitzgerald, Maria Tallchief, Julian Huxley, John F. Kennedy.

They have communicated with more than four million people in these twenty-five years.

Their influence has been felt by uncounted others throughout the state, and as Wisconsin's students moved into international assignments, throughout the world.

The auditorium where these leaders came has constantly won their praise, for its facilities, its acoustics, most of all for its lively audiences.

For its birthday the theater is receiving some gifts and refurbishing to continue to merit praise: a new act curtain and cyclorama, a modernized sound system, improvements in the stage lighting. There is a new carpet in the auditorium. Understage, rehearsal areas and stage craft workshops are being built to increase opportunity for student experience. A famous producer has established a fellowship here; the prototype for the Metropolitan Opera's new electric scenery control system for the Lincoln Center was developed here.

Challenging ideas, great performances, new research have made the Wisconsin Union Theater famous.

The years ahead hold even greater promise.

IN A TIME of cultural complexes like the Lincoln Center for the Performing Arts in New York, and when communities and campuses the country over are planning or building cultural centers, there is nothing remarkable about the concept of the Union Theater.

The concept is in line with contemporary emphasis on the creative use of leisure time, in line with the interest in the arts which traditionally springs from an affluent society with time on its hands.

What is remarkable is that the concept of the Union Theater, so at home in the sixties, dates back to the pre-twenties, and that the building was being planned in the late twenties, and early thirties when the American economy took an intermission between periods of affluence.

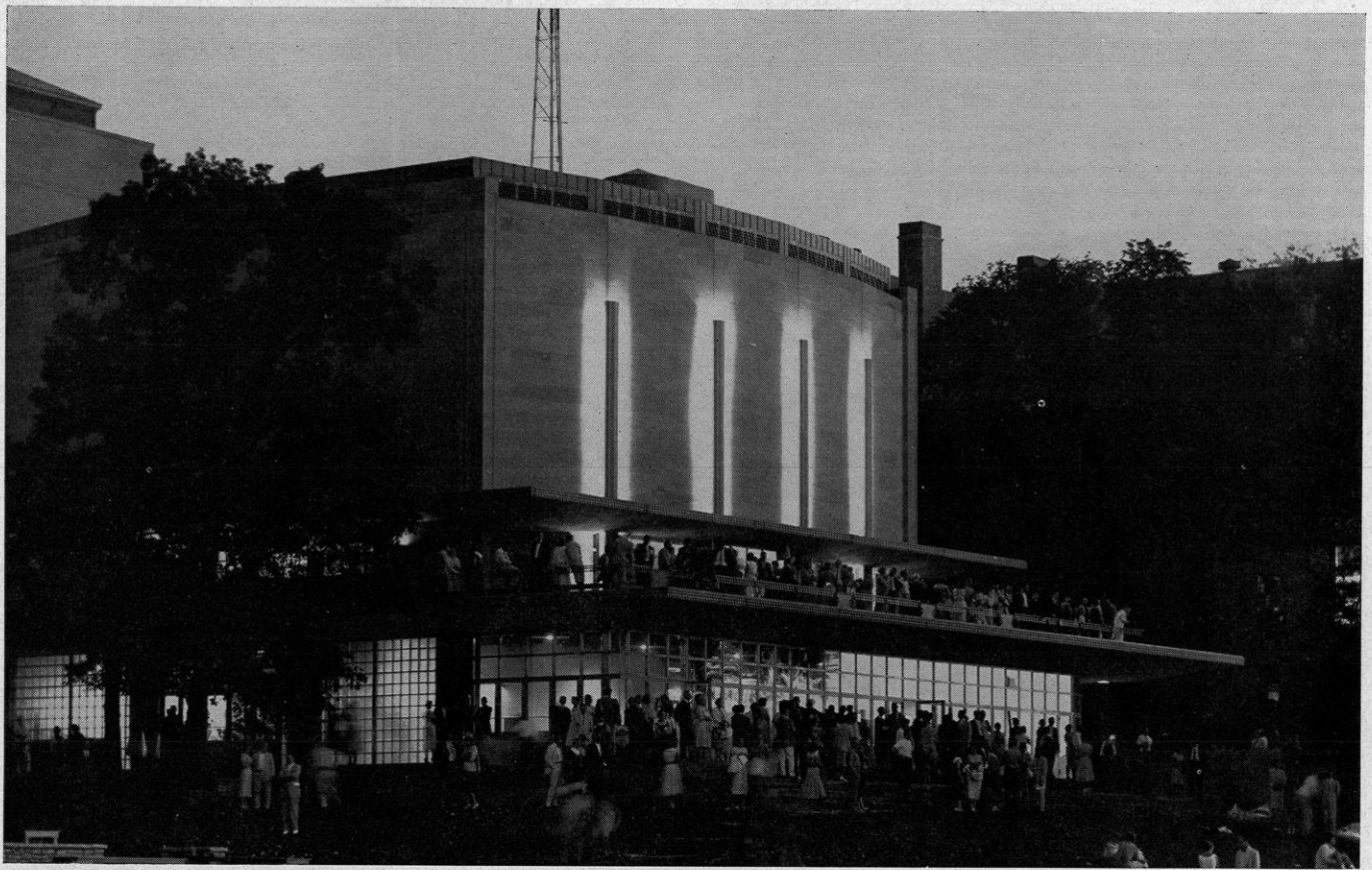
The theater was announced as one of the principal elements of the Union when it was decided in 1919 to build a community center as the University's war memorial. Its blueprint for use drew the arts into the daily life of the campus, part of a center that would be alive from top to bottom almost every hour of the day and evening. The theater was planned to be an integral and contributing part of the Memorial Union, available for a variety of different functions and not existing in specialized isolation.

By the time the estimate funds for the Union project were in hand, the price boom of 1928 changed the financial outlook, and only the social and dining rooms of the Union could be built.

The University remained without a theater worthy of the name. In the late twenties and early thirties, Wisconsin Players began their distinguished career of play production in a built-over classroom in Bascom Hall, with a platform twenty feet deep and without modern equipment or rehearsal facilities.

Going to the theater in those days meant climbing the always dark and sometimes slippery hill to Bascom, straining to hear over the rattle of writing arms on the seats, and alternating between shivering and perspiring in a poorly ventilated room.

theater section text by Alice Weck



To an extent, the same conditions also applied to music. Outside of Music Hall, there was no auditorium for concerts, and all sorts of makeshifts were employed, including the Union ballroom, classroom buildings, the gymnasium, and the University Stock Pavilion. The makeshifts had common defects: inconvenient locations, uncomfortable folding chairs, noise, glaring lights, poor ventilation, even fire hazards.

There were other problems before the building of the Union Theater and the Play Circle. There were no suitable halls for motion pictures. The rapidly growing forum and discussion program on the campus had no home. The Union's original workshop, first of its kind on an American campus, was conducted in the old President's home, which had been condemned as a fire trap.

In 1937, the plan to change all this progressed to the point that funds began to materialize. Consultants had been engaged, including internationally recognized theater expert Lee Simonson. He believed that a university theater

could and should be easily converted for use for concerts, choruses, films, public lectures, regional conventions, traveling or local art exhibitions. About the Union Theater and its small auxiliary auditorium, the Play Circle, he predicted, "These theaters will be meeting places for an entire community."

Statistics proved the validity of Simonson's predictions and an editorial in the *Wisconsin State Journal* on the tenth anniversary of the theater in 1949 proved there was warmth behind the cold statistics.

The editorial read: "A great many of the good things of life have come to the people of Madison in the ten years ending this week in which the doors of the Wisconsin Union Theater have been open to them.

"Here, outside Randall Stadium, probably is the most common meeting ground for town and gown. It has helped build up and strengthen a bond that was lacking in the far past, an understanding and appreciation that is to the good for both.

"The Madison which may feel it has no relationship to the University

beyond living within the same boundaries with it acquires a new deeper kinship when it listens there, with university people, to the world's great artists, to the high scholars and thinkers, and follows the distinguished careers of stage and radio personalities that blossomed first 'in Madison,' i.e. the Union Theater.

"Here, then, is a hearty anniversary congratulation and an equal portion of gratitude to go with it."

In the 25 years since the theater opened, publications from the *Daily Cardinal to Holiday* magazine have applauded its role as a cultural center for the campus, the community, and the state. Performers continue to praise the facilities and the audiences, planners of other theaters still come to see the one at Wisconsin. And staff, students, and others involved with theater operation and programming continue to make new and interesting things happen around the traditional concept of the Union Theater as a community center capable of constant and multiple use.

A THEATER FOR ALL SEASONS

THE ROLE of Mrs. Fannie Taylor, director of the Union Theater since 1946, is to make things work. Translated freely, "making things work" means approximately the following:

Advising the Union Music and Theater committees in the major roles these students take in bringing cultural attractions into the theater. Supervising the theater staff in hundreds of functions required to meet the needs of groups using the theater and to run the box office operation efficiently. Scheduling events carefully to accommodate as many activities as possible. Handling the mechanics of booking through volumes of correspondence and hundreds of telephone calls. Creating new programs as new interests develop, organizing occasional festivals to explore many different facets of one area of interest, advising other campus groups like the Homecoming show committee, heading the publicity effort for the theater. And the list goes on.

Mrs. Taylor's proven ability to make things work at the Union Theater has brought her into demand in other places. She is secretary of the national Association of College and University Concert Managers, a member of the Governor's Council on the Arts, was recently a White House guest as a member of the national committee for the observance of Shakespeare's 400th anniversary.

In California last month she conducted a workshop for concert managers at UCLA and earlier in the year she did similar programs

Since 1946, Mrs. Fannie Taylor has watched the great, near-great, and the run-of-the-mill perform on the boards of the Union Theater stage.



at Iowa State and Michigan State universities.

In 1960, she initiated a meeting for concert managers and others involved in booking cultural attractions on campuses throughout the state of Wisconsin, and the meeting has now become an annual event.

Asked what she felt were the most important factors contributing to the theater's success over the years, Mrs. Taylor began with the physical plant. "The equipment of the stage and the auditorium can handle a wide variety of activities. There are no limitations on the types of activities we can present here," she said. As a very practical example of good theater design, Mrs. Taylor mentioned that the stage is on a level with the Park Street loading dock. "This means that scenery for a road show, demonstration equipment for a scientific forum—or a horse for a Players' production of 'Annie Get Your Gun'—can be brought on stage easily."

Mrs. Taylor is quick to point out that the theater has been blessed with what she calls a "lively audience," partly, of course, because there are so many students in it and students are always interested in new things. "And one of the wonderful aspects of the Madison audience which often joins us is that it, too, maintains fresh interests in new ideas," she added.

This kind of audience provides certain challenges. "We try to keep ahead of trends in the arts, to provide new programs each year which are worthy of such a perceptive audience."

Variety of programs in turn leads to variety of audience, though Mrs. Taylor believes that "inevitably, people who are interested in attending one kind of program sooner or later are going to come back for different kinds of events."

On the cover is a sampling of the countless cultural and political leaders who have appeared before audiences in the Union Theater. Top row, left to right: Alfred Lunt and Lynn Fontanne, Pandit Nehru, Artur Rubinstein, and Katharine Cornell—bottom row: Marian Anderson, Robert Frost, Andres Segovia, and Martha Graham.

It also happens that audiences attending one kind of program indirectly help make possible another program of quite a different kind. For example, a portion of the proceeds from Humorology, student variety show, was voted to the Union for use in cultural programming. The funds from Humorology will help make it possible to present Canadian pianist Glenn Gould in a free lecture-demonstration on "Music in the Soviet Union" this fall.

Free programs are an important part of the over-all theater offerings. Most departments using the theater facilities present free programs as a supplement to their instructional work. "In addition," according to Mrs. Taylor, "several Union committees decide each year to present a number of free events for students and other Union members as one of the privileges of Union membership. We try to offer in a given year as many free programs as the budget will stand, and we offer them in many different areas."

How has the theater operation carried out the original idea that the Union Theater should serve the state at large?

"Just as any other part of the University, the Union Theater has always taken as its watchword, 'The boundaries of the state are the boundaries of the campus,'" Mrs. Taylor emphasizes. "We have always encouraged the use of the auditorium for state groups and we have worked with many: 4-H, Badger Girls State, Farm and Home Week, the school administrators, the Nutrition School for Feedmen, and many management institutes."

Mrs. Taylor added that when the Interstate Highway System opened, the theme for the theater season that year was "Destination: The Lively Arts." A road map was the motif for the announcement of coming attractions, and efforts to let communities outside Madison know about the season were doubled.

"No vigorous theater program waits for people to come in and ask to use the facility. The program must stimulate use and support," Mrs.

Taylor said in explaining that sound booking is fundamental to a good program.

A good booking philosophy, she believes, strives to bring the program audiences are asking for, but also makes audiences stretch their interests. Sometimes, she admits, this means taking a chance, but she says it is a chance which



Fred Buerki, technical director of the Union Theater when it opened in 1939, has trained hundreds of students in the art of stagecraft in the 25 years he has been with the theater and the department of speech.

must be taken if the program is to grow.

Good booking, according to Mrs. Taylor, also involves "playing some hunches, based on watching trends developing in the country and relating them to the community in which you work."

The theater director's role in this area is made much easier, she says, because of the many students involved in the Union theater program. "You might say they are excellent weathervanes in determining which way the cultural winds are blowing."

THE UNION facilities for educational theater have consistently drawn praise from visiting artists, and Helen Hayes, appearing on the theater stage in 1962, thought it might even be too good.

"A stage like the Union Theater does not prepare anyone for what he is going to be up against in the commercial theater because everything is so convenient," she said. "But the good side of it is that young people will be trained in the way theater should be. That might bring about reform in the commercial theater."

To accommodate both student productions and traveling road shows, the theater stage was designed to be particularly flexible, with additional flexibility coming from an elevator forestage which may be used as an orchestra pit, as additional floor space for auditorium seats, as a lecture platform, as a small stage for soloists, and as an extension of the main stage.

Craft shops, a vitally important unit in any university or community theater if drama is to be utilized to the maximum as a creative enterprise, were also given careful consideration by the theater planners. The shops at Wisconsin provide machine and hand tools for the building of sets, lighting and sound equipment, prop rooms, space for painting scenery, and space for the design and execution of costumes.

In addition to the facilities of the main theater, the theater wing in-

the theater as an educational tool

BEHIND THE FOOTLIGHTS

cludes another area which was revolutionary for its time. That is the Union Play Circle, small experimental theater which over the years has become to Wisconsin what Off-Broadway is to New York. It is a constant proving ground for young directors, actors, and writers, and for experimental projects in drama, music, dance, and other media.

Long before the great fashion for theater-in-the-round, the Play Circle surrounded its audience. The Play Circle arrangement—built around 168 seats and with no proscenium or footlights—makes it possible for actors to move freely around the audience with a sense of realism never possible on the conventional stage.

The Play Circle was added to the Union to complement the larger theater's cultural program. The idea

was that while students could explore the best of the performing arts in the theater, they also needed a place to express the best of their own creative ideas. Over the years, the quality of the productions housed in the Play Circle and the nature of what has been done has made it a center for the arts in its own right.

The role of the theater as an educational facility is underscored by the theater manager's holding a joint University appointment with both the Union Theater and the department of speech. James Kentzler is theater manager, and he spends off hours from the Union Theater managing a summer stock theater near Baraboo which he and his wife, Claire "Pinky" Prothero Kentzler, own and manage.

Students who take classes in stagecraft are required to work backstage and they also use the stage as a laboratory for their classes and for equipment demonstrations. However, Kentzler emphasizes that many of the students who work with student productions are not speech majors.

"They work backstage or try out for a play for recreation," he says, "but they learn something that stays with them for the rest of their lives. They can apply it in community theater, or maybe they're high school

Makeup techniques (left) and the manipulation of stage equipment (right) are some of the many skills Wisconsin students learn from their opportunity to work backstage.





Five students—four performers and a director—run through a final rehearsal for one of the Studio Plays given last season in the versatile Union Play Circle.

teachers, much better equipped to handle the school play after what they've learned here."

The Play Circle has an important educational role, Kentzler says, partly because there's no problem of economics there. "Theater in the Play Circle can be done for purely educational reasons. It does not need to draw an audience to support itself. It can be strictly student directed, designed, built, and performed."

The manager also stresses the theater's role in adult education because so many groups come in for conferences in the theater during times when the University is not in session. "The campus is an ideal location for conferences," he points out, "because there is access to resource

personnel on the faculty, there are dormitory and eating facilities nearby, and the theater provides a good meeting room." In order to use the theater, groups must be sponsored by a department of the University.

The 25th season initiates a new, specialized kind of education in the form of a graduate fellowship from the Sam S. Shubert Foundation. Under the terms of the fellowship, a graduate student will intern in the Union Theater for a year, working in each of the major areas of operation, one at a time, for several weeks. With Mrs. Taylor, Kentzler, and other members of the staff, he will work with booking, contracts, box office management, front of the house management, backstage and technical area supervision, production, business management, and publicity.

The fellowship's purpose, Kentzler says, is to train somebody who can fit all the pieces of theater management together and it is being offered by the Shubert Foundation to encourage study of theater management in American colleges. The grant to the Union Theater was arranged by playwright Howard Teichmann '38, who is cultural advisor for the Shubert interests. Mrs. Taylor sees the grant as a recognition of a quarter of a century of effort to bring the professional and college theater into focus at Wisconsin.

Graduate students in speech also hold more than half a dozen teaching assistantships from the department of speech which involves them in the operation of the theater, and some students are also employed as doormen and projectionists. In addition, around 200 students usher as volunteers, in exchange for seeing attractions in the theater free.

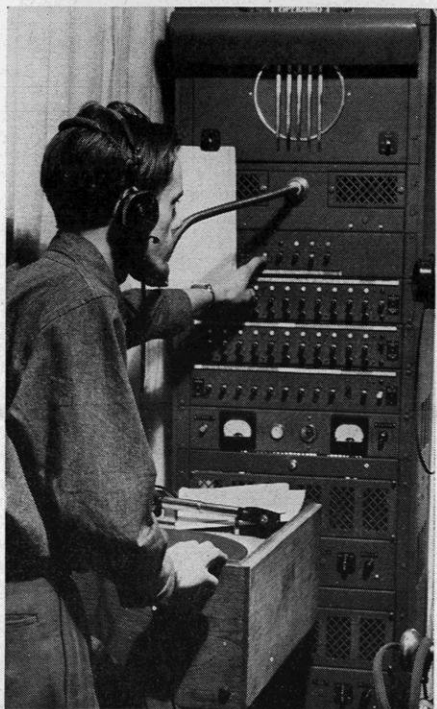
The 25th season of the Union Theater also marks an increased opportunity for students in technical areas as extensive construction projects provide some badly needed space for Wisconsin Players rehearsals and stagecraft work.

Since the theater wing was built in 1939, the basement underneath the theater, which runs from the lawn near the lake almost to the edge of the theater wing facing Langdon Street, has been used by the theater and by Hoofers, the Union outing club. Part of this area has been used for dead storage. That storage area has now been refinished as an under-ground boat shop for Hoofers with a railway system for getting boats into the area for painting and repair work.

The construction project also means that the Edwin Booth room, originally a rehearsal area, lately a temporary costume shop, reverts to a rehearsal room.

The biggest space gain comes from removing the bowling lanes which have been directly under the stage shop, dressing room, and offices of the theater. Clearing this area created three new rooms: a costume shop, a rehearsal hall, and space for scenery storage and some kinds of construction. An elevator installation connects the scenery storage area to the stage shop. A doorway between the new rehearsal hall and the costume shop allows greater convenience for costume fittings during rehearsals.

This construction, in addition to other refurbishing—a new act curtain, and cyclorama, a modernized sound system, improvements in the stage lighting, new carpeting—is typical of the effort, in an anniversary year, to look to the future, as the theater moves toward its second quarter century of excellence.





Representatives of four universities met on the Madison campus over the summer to map guidelines for a new faculty exchange program believed to be the first large-scale cooperative project of its kind involving both southern and northern universities. They were (from left, clockwise): Profs. John S. Lash, Texas Southern University; Cecil L. Patterson, North Carolina College; Chester H. Ruedisili and Donald R. McNeil, Wisconsin; Glenn F. Rankin, Agricultural and Technical College of North Carolina; and Jack Barbash of Wisconsin.

A Program for the Disadvantaged

Students and teachers in the University's first special advanced course for mathematics teachers from predominantly Negro colleges pose for a "class picture" in front of Van Vleck Hall, Madison campus headquarters for the UW mathematics department.



NEVER BEFORE in the history of this nation has so much attention been concentrated on equalizing opportunity for *all* our citizens.

After less than a year of increased activity, it is apparent that the University of Wisconsin has assumed a vital role in this field now claiming the attention of millions of Americans. It is apparent, too, that there is genuine enthusiasm, a sense of commitment, and a willingness to work on the part of many faculty members.

During the past year, the University has mounted a number of programs designed to equalize opportunity for the disadvantaged. These programs have been given major impetus through two large grants—a \$75,000 grant from the Rockefeller Foundation through Educational

Services, Inc., and a \$300,000 grant from the Carnegie Corporation.

The Rockefeller grant was used during the past summer to conduct a refresher institute in mathematics on the Madison campus for faculty members representing 40 predominantly Negro institutions in the South. The Wisconsin institute was one of five being conducted at universities throughout the country: a biology institute was held at the University of North Carolina; a physics institute at Princeton; an English institute at Indiana University; and a history institute at Carnegie Tech.

The Wisconsin mathematics institute is part of a nationwide attempt to get at the basic needs of Negro education. Because most of the Negroes in this country are being educated in predominantly Negro schools, upgrading faculty at these institutions promises to have a substantial impact on the quality of teaching in years to come.

The results of the mathematics institute were so encouraging that not only are plans forming for similar institutes next year, but strong support has developed within the Wisconsin faculty to hold similar institutes in economics, agricultural economics, and political science.

The Carnegie grant is being used to finance a two-year faculty exchange program between the University of Wisconsin and three predominantly Negro institutions—Texas Southern University at Houston, North Carolina College at Durham, and A & T College of North Carolina at Greensboro. A faculty committee, headed by Prof. Jack Barbash of the economics department, has been appointed to work jointly with liaison committees from the three southern institutions in handling the grant. Associate Dean Chester Ruedisili will be the part-time staff person for the committee. Projects now being considered encompass such areas as curriculum development, faculty improvement (both at the predoctoral and postdoctoral levels), conferences and institutes, measures to enhance student motivation and administrative training.

"We are trying to work out the practical problems of educational preparation," Prof. Barbash said. "These must be solved if we are to do our part in dealing with the nation's number one social problem."

Dean Ruedisili explained that, "While this is a faculty exchange, our students will benefit, too. All four institutions will learn from the others about such matters as the honors program, counselling, admissions, motivation, student activities, and organization."

The Wisconsin program is the first and largest major exchange program involving several institutions of higher learning.

With strong support and the help of the Milwaukee Public School System (and full endorsement by the State Department of Education), the University has identified the first 37 students to begin the program. Approximately one-third of this initial group is white; two-thirds are Negro.

The students were selected near the end of their junior year in high school. After a variety of tests and with full approval of their parents, they were enrolled in special summer session classes. This fall during their senior year in high school, they will have special help and classes to prepare them for college. Following



President and Mrs. Fred Harvey Harrington were hosts at a reception for students and faculty of the Mathematics Refresher Institute. Here they are seen visiting with Prof. and Mrs. Mark S. Richard of Baton Rouge, La. Prof. Richard teaches mathematics at Southern University. His wife received an M.A. in biology at Wisconsin before her marriage.

WHILE considerable attention is being given to the national scope, the University is also focusing on the problems within our own state. The University of Wisconsin-Milwaukee has initiated a program to identify bright youngsters from disadvantaged areas in Milwaukee who previously had no thought of going to college. A total of \$100,000 is being used to finance the project, with \$30,000 coming from the Johnson Foundation, \$30,000 from the Marshall Field Foundation, \$10,000 from an anonymous Milwaukee Foundation, and \$30,000 from the University.

graduation, they will attend another summer session and, with the aid of scholarships, will enroll immediately in college.

Although these are students who never would have gone to college, the University believes that the "salvage rate" will be high and that the lessons learned from the project will be applicable on a nationwide basis.

To coordinate this and the many other University of Wisconsin activities involving the disadvantaged in our society, an Institute of Human Relations has been established at the University of Wisconsin-Milwaukee. Under the direction of Dr. Lawrence

Howard, a political scientist who was formerly with the New York Department of Education's office of innovation and integration, the Institute will have University-wide responsibilities.

The Institute will also be national in scope, coordinating research, action, experimental, and demonstration programs in the State and then transmitting the findings of these programs in the country, for stimulating new projects and encouraging research. The Institute will give the University a strong coordinated arm to undertake the many equal opportunities activities of the University in the years ahead.

These are the main projects, but there are several others being carried on within the structure of the University. Although the primary concern seems, at the moment, to be concentrated on the problems of the Negro, Dr. Donald R. McNeil, special assistant to President Harrington has stated, "We are concerned with all the disadvantaged, whatever their ethnic origin. We believe that we cannot write off whole generations. We hope to have programs in the years ahead which will have as targets all members at all age levels of the disadvantaged segments of our society."

In a special report on the programs for the disadvantaged, Dr. McNeil noted, "While the University of Wisconsin follows a great liberal tradition in accepting any person, regardless of race, color, creed, or national origin, the problem still is one of locating and training qualified students from our disadvantaged population who can enter the educational mainstream. . . .

"We believe that the University, through its diversified attack on the problem of the disadvantaged, has committed more resources, has enjoyed more genuine support throughout the faculty and the administration, and has a total program larger, more varied, and with more depth than that of any other institution of higher education in the nation."



George H. Hibner (left), new WAA associate director of alumni relations, is shown here with Edward H. Gibson, Arlie M. Mucks, Jr., and Dr. Robert R. Spitzer as they recently discussed Association activities for the coming year.

George Hibner Joins WAA Staff

EVIDENCE of the Association's growth and increase in programming activity is apparent in the recent appointment of George H. Hibner as associate director of alumni relations.

Hibner, a 1940 graduate of the University, will be working with Ed Gibson, director of alumni relations, on coordinating Wisconsin Alumni Club activities throughout the state as well as assisting in the organization and promotion of other alumni events sponsored by the Association.

George Hibner comes to the Association with a strong background in association work. He has been active as an executive in many lead-

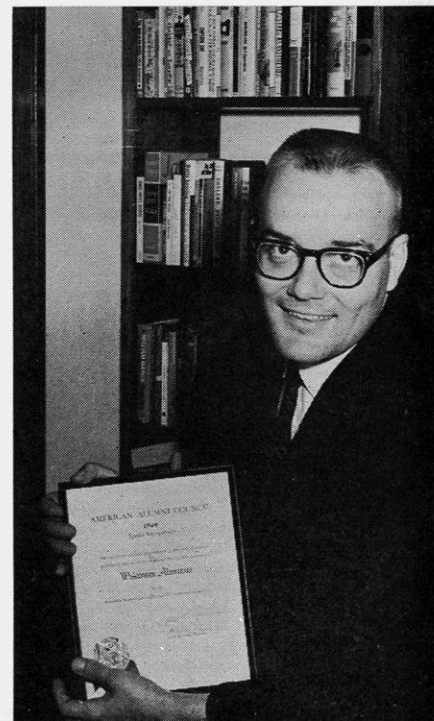
ing health agencies in the Madison area, including the Wisconsin Division of the American Cancer Society, the Dane County Chapter of the American National Red Cross, the Wisconsin Association for Mental Health, and the Veterans Administration.

He has also served as an assistant to the general agent of the Massachusetts Mutual Life Insurance Co. in San Antonio, Tex., and was executive director of the Illinois Chapter of the Arthritis and Rheumatism Foundation in Chicago.

Hibner is married to the former Marjory Pollock, also a 1940 graduate of Wisconsin. They have two daughters and live in Madison.

The Association was honored this past summer as the Wisconsin Alumnus received a national award. The award, presented by the American Alumni Council, was a special recognition citation for the "series of articles investigating various aspects of the student and his relation to the University and the world" which appeared in the Alumnus last winter. Arthur Hove, editor of the Alumnus, is shown here with the award.

Further recognition came when Alice Weck, associate editor for the past two years, was appointed to the staff of Stephens College, Columbia, Mo., as director of information.





Dr. Mervin E. Muller, director of the Computing Center, is shown here at the console of the new 1460 computer.

Hi-Fi Computer

by Don Beran

HOW WOULD you like to have to listen to an entire side of a hi-fi record, in order to play one song you especially liked?

Computer researchers at the University in Madison have had a similar problem—until this year when a new disc-pack computer unit—the 1460—was installed at the new Computing Center.

Each disc is a circular piece of magnetic material which looks a lot like the average LP phonograph record. A long arm with a needle on the end comes out and picks the spot on the disc that contains the desired information. Each disc holds about 3,000,000 characters of information—enough to keep the average man counting a long time.

Older types of computers use tapes exclusively—and you have to run the whole tape through if your

chosen bit of fact happens to be at the wrong end. Naturally, such differences in time are measured in milli-seconds, but to computer scientists at the UW who are running billions of these information hunts a day—the milli-seconds add up to hours.

“We intend to use the 1460 for much of our administrative work and to help people convert easily from card-type machines to tape-type machines,” Dr. Mervin E. Muller, Center director, says:

With the new machine, University researchers—students and faculty alike—can prepare punched cards, as if they were using the older, slower machines. Then, the Center’s trained staff will feed the cards into the tape-memory units at the rate of 200 cards a minute.

Then, the machine takes over—

frequently running on a 24-hour schedule—and months of research are converted into answers to the problems of science. Processing currently about 200 pieces of research a day, the Center is doubling its job volume each year, Dr. Muller, a Ph.D. graduate of UCLA, estimates.

Some of the unusual—and typical—pieces of research run through the Computing Center in a month are: (Agriculture) Family Meal Planning and Food Purchasing; (Chemistry) Chemical Crystallographic Research; (Meteorology) Heat Cycles of Lakes; (Psychology) Handwriting and Aging; (Scandinavian Studies) Dictionary of Modern Colloquial Norwegian; (Education) Rural School Health Programs; (Engineering) Basic Research in Fluid Mechanics; (Commerce) Ef-



Sandy Lee demonstrates the disc-pack unit of the new 1460 computer.

fect of Leverage on Price of Stock; and (Law) Business Practices and Contract Law.

"The new disc-packs, combined

with magnetic tape storage of data, should open up new, exciting areas of computer use.

"Because of this, we're starting a

training program this fall to spread computer knowledge more widely around the campus," Dr. Muller explained.

The noncredit courses, open to both faculty and students, are usually planned to run for four weeks each, with two hours of instruction a week. In addition to the training program and the new equipment, the Center offers consultation services, an improved system for checking jobs in and out of the Center, and the assistance and advice of trained personnel. About all a researcher has to do is to bring in his punched cards. And a few hours to a few days later, he can come in and pick up the results.

"I expect that with our new equipment and organization we can soon become one of the half-dozen leaders in university computing in the nation," Dr. Muller predicted.

Some of the other leaders in the field are the Massachusetts Institute of Technology, and the Universities of Illinois, Michigan, and Michigan State, and UCLA.

CIC Universities Cooperate on "Traveling Scholar" Program

THE UNIQUE "traveling scholar" plan of the Committee on Institutional Cooperation (CIC), has just completed its first year of operation and enabled graduate students in more than twenty different disciplines to cross institutional lines for short term work at member universities—these include all the Big Ten schools and the University of Chicago.

Wisconsin students taking part in the program during the past academic year included: Lee P. Sapetta, Eau Claire, who is majoring in mechanical engineering and attended the University of Illinois where he studied theoretical and applied mechanics and William J. Loyens, Fairbanks, Alaska, who attended classes in his major field, linguistics, at Indiana University.

Theodore Smith, who is working for a graduate degree in chemistry at the State University of Iowa, was on the Madison campus of the UW last spring under the same program.

The pioneering program was developed to allow students of the

eleven schools holding membership in the Committee on Institutional Cooperation to take advantage of the special resources offered by other member institutions. These include specialized course offerings, research opportunities, unique laboratories, and library collections. "One of the major objectives of the exchange program," said Dr. Stanley Salwak, director of the CIC, "and of all CIC efforts, is to avoid costly duplication of facilities and expenditures wherever possible. Such planning is especially effective in areas where the cost of the best is high or the resources of men or materials are so limited that cooperation offers the best hope for quality among the CIC universities."

Under the traveling scholar plan, work undertaken at the host university is tailored to fit individual needs, a fact underscored by the diversity of fields in which the program has been employed. Students in political science, anthropology, veterinary medicine, physics and mechanical engineering were among those who

traveled to other schools to supplement their studies. In addition, the plan has been used to cross disciplinary as well as institutional boundaries. For example, a student majoring in comparative literature used the program to get special training in romance languages and three medical students had the opportunity to take science courses available at the graduate school of a nearby university but not offered by their home medical school.

The traveling scholar plan makes the procedure for crossing institutional lines as simple as possible. A student requests permission from his graduate adviser to study for a semester or two quarters on another campus. Necessary arrangements are then made by the graduate adviser and an appropriate professor at the host university, with the approval of the deans of their respective schools. The student registers, pays his fees and receives credit at his home university, yet is enabled to use many resources which would not otherwise be available to him.

MORE BUILDINGS

BESIDES the relentless increase in the number of students that flood the campus each fall, the most striking illustration of the University's growth in recent years has been the appearance of new buildings on the campus.

On the west end of the campus, Elm Drive Halls, the new Swimming Pool, the Veterinary Science Building, and the H. L. Russell Laboratories occupy ground that was originally given over to grassland and later to temporary buildings and intramural fields.

The center of the campus, north of University Avenue, has had its skyline altered by the addition of the new Genetics Building, the Cancer Research Building, the Social Studies Building which is contiguous to the Carillon Tower, Van Vleck Hall, dramatic high-rise structure housing math and physics, the completion of the Law School and the Law Library, the Lake Laboratory, and the 11-story Chadbourne Hall.

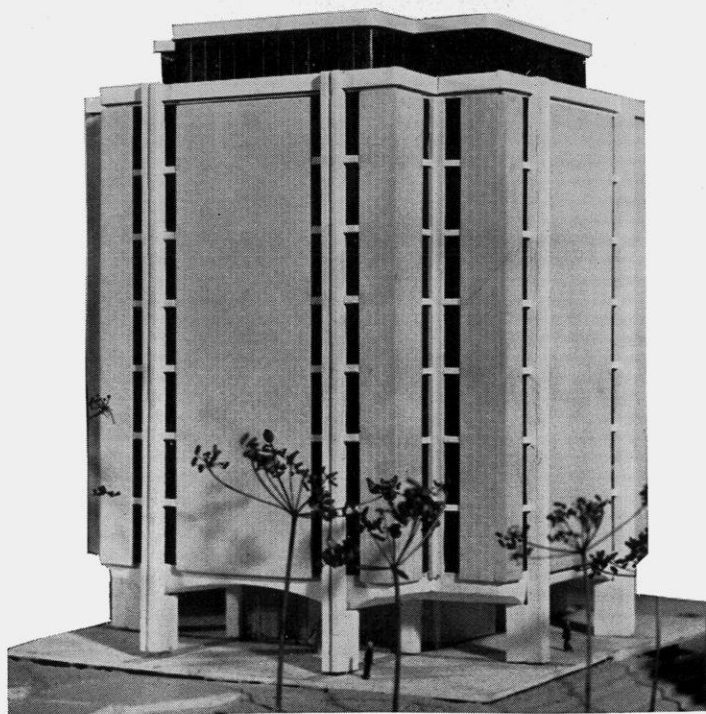
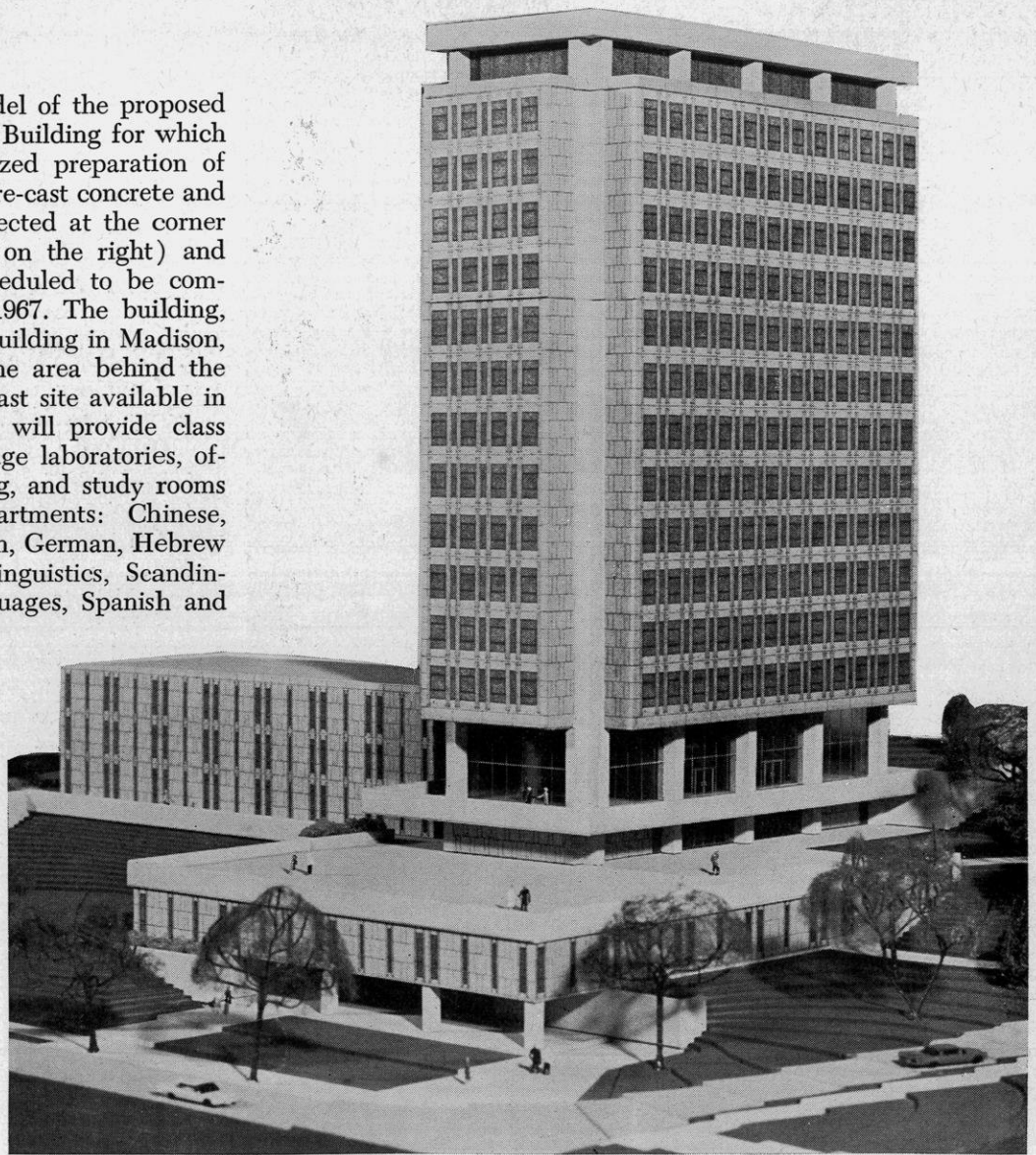
South of University Avenue, the newer structures include: the completion of the Engineering Building, the new Psychology Building, a building for Zoology Research, a new Heating Plant, Unit I of the new Chemistry Building, the Photo Lab, and the Primate Center and Primate Lab.

The Lower Campus, once predominantly the domain of private homes, is being made over by the addition of a massive Residence Halls development to house 4,000 students which includes: Sellery, Witte, and Ogg halls, and Gordon Commons. In addition, a new Extension Building and a new Administration Building point to further dramatic developments in the area.

In August, the Regents approved an unprecedented number of buildings, providing further testament to the growth of the University during this significant era. The following two pages offer a look at some of these exciting new projects.



Here is an architect's model of the proposed new \$5,547,550 Language Building for which the Regents have authorized preparation of final plans. The 18-story pre-cast concrete and stone structure will be erected at the corner of north Charter Street (on the right) and Linden Drive, and is scheduled to be completed before February, 1967. The building, which will be the tallest building in Madison, is being constructed in the area behind the Commerce Building, the last site available in the Bascom Hall area. It will provide class and lecture rooms, language laboratories, offices, and reading, meeting, and study rooms for the following departments: Chinese, classics, French and Italian, German, Hebrew studies, Indian studies, linguistics, Scandinavian studies, Slavic languages, Spanish and Portuguese.



Authorization to prepare final plans and specifications for this new Molecular Biology-Biophysics Building on the Madison campus was voted by the Regents in August. To be constructed on Linden Drive, the nine-story facility is scheduled to cost \$2.2 million and will provide research laboratories, offices, and instrument and service rooms. The Wisconsin Alumni Research Foundation has allocated \$1.1 million for the College of Agriculture building project, while the National Science Foundation and the National Institutes of Health have contributed \$600,000 and \$500,000 respectively.



Approval of preliminary plans has been granted for this new \$7.3 million Chemistry Building to be built on North Mills Street

between University Avenue and West Johnson Street. The model shows the completion of the projected chemistry complex. Unit I (on the left) has already been built and is in use. The new additions to the structure will be of pre-cast concrete and brick and will provide much-needed teaching and research facilities, offices, class and lecture rooms, stockrooms, and a library. The structure will be 10 stories in height and will have a three-level lower base. Work is expected to start this fall with completion scheduled for February, 1967. The State of Wisconsin is providing \$5,717,800 for its construction, while the National Science Foundation is giving \$1,200,000 and the National Aeronautics and Space Administration \$442,760.

and more on the way...

The Regents have approved the design and plan of the South Lower Campus buildings for history, music, art and art education, and the long-awaited Elvehjem Art Center. Forming a dramatically designed architectural complex, the buildings make up a huge project which will cost more than \$13 million.

The South Lower Campus development program began with the UW Extension Building and the first phase of the Administration Building. It encompasses the area between North Park, North Lake, University Avenue, and State Street. The history-music-art and art education building will be erected facing North Park Street and the Elvehjem Art Center will be located just south of the University Club.

Plans call for class, lecture, and seminar rooms for the history department; recital areas, teaching studios and laboratories, offices, practice and rehearsal rooms for the School of Music; and teaching studios, classrooms, offices, workshops, and an instructional gallery for art and art education students and faculty. All these depart-

ments will be housed in a six-story complex with a total of 7,000 student stations and an architectural pattern similar to the four-story rectangular Elvehjem Art Center.

Elvehjem Art Center facilities will include galleries, a library, lounge, sculpture court, conference rooms, administrative offices, teaching and research facilities for art history.

In other building actions, the Regents have given the go-ahead to the following projects: a \$3.7 million central library for the University of Wisconsin-Milwaukee; a \$1,321,440 Numerical Analysis Building to house the University's computing center and the departments of computer sciences and statistics. They also awarded contracts for the construction of a \$4,813,351 Biotron which is a series of laboratories designed to study living organisms in a full range of controlled environmental conditions, and approved preliminary plans for a \$3,800,000 gymnasium unit which will include gymnasiums, squash and handball courts, exercise rooms, lockers, classrooms, research laboratories, and offices.

The Campus Cop Comes of Age

by Jack Burke



Life isn't always a question of straightening out student pranks for the campus police officer. Here Officer Donald Beale takes time out from his rounds to give directions to pretty coeds: Sandra Einerson, Viroqua, and Mary H. Ray, Wauwatosa.

REMEMBER that eight-foot snowball rolled down West Observatory Drive last winter? Did you hear about the calf that went for a swim in University Bay? Or the dozens of lost youngsters at Eagle Heights?

Student pranks are a dime a dozen, and cause headaches aplenty for the University of Wisconsin department of protection and security. The officers have to cope with such chores as shepherding goats out of Wisconsin Union and sheep out of Slichter Hall, and with chasing students who try to dip red and blue dye into the Hagenah fountain on the mall near Memorial Library.

But fortunately, these things crop up only infrequently. Ordinarily, the department, headed by Director Albert D. Hamann, keeps a watchful eye on 250 permanent University buildings and 41 others rented to handle the ever-mounting surge of students, staff, and faculty. Its responsibilities cover an acreage of 2,557.68, roughly four square miles.

Hamann, a warm, likeable fellow who wins and holds the loyalty of his men, says: "We want parents to feel that their sons and daughters are being protected on a full-time basis in the best manner possible while away from home. Our force is aiming for that goal at all times."

The department is 12 years old. UW administrators, noting the climbing student enrollment and growing need for improved protection on campus, named Hamann the department's first director in 1952. He was given a green light to "build

from the ground up." Today the department is the envy of similar divisions in colleges and universities all over the nation.

The department presently consists of 18 officers, 18 plant protection personnel, 21 lifesaving supervisors, two secretaries, and Hamann—a force of 60.

Hamann noted that the majority of offenses committed on the campus are traced to non-UW people. But those student pranks—the big snowball blocked traffic for several hours, until the protection and security officers plus a heavy-duty wrecker got it off the road. Traffic was tied up for blocks around.

Little two and three-year-old tots at Eagle Heights, where married students live with their families, are a problem. They have a habit of wandering off into some distant apartment to play with old or new friends. And Mama pushes the panic button.

The swimming calf had worked its way out of a pen on Babcock Drive—perhaps with the help of a student—and dashed down Linden Drive. It had a cooling swim until the UW officers, using cars and boats, reached the scene, roped the dogie and returned him to his corral. It wasn't an easy capture.

Less moveable University property, like the statue of Lincoln on Bascom Hill, also has to be kept under watch. The statue is not likely to stray or be stolen—it weighs many tons—but students occasionally do get an apparently irresistible urge to paint it.

The urge comes forth at odd times and in all shades of the rainbow.

These are the offbeat occurrences, the breaks from routine. When you have a community of close to 25,000 students, they are not welcomed, but not unexpected either.

Usually, however, the department is concerned day-by-day with such duties as these: Working to protect the lives and property of students, staff, and faculty; protecting property ranging from cows to rare art items; checking an average of 8,200 motor vehicles on campus daily; providing bank escorts.

A lake safety program on Lake Mendota takes much time and effort. So do the continuous patrols on campus and providing special guards for visitors.

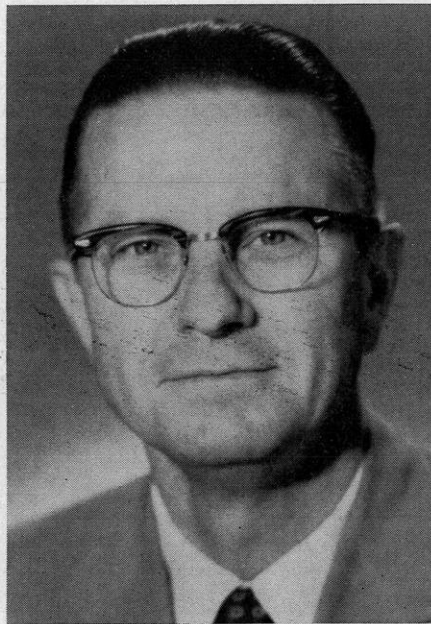
Working with the Madison Police Department, the UW force also handles the largest football crowds in the state every autumn. Camp Randall Stadium in Madison seats over 60,000 fans, more than any other athletic plant in Wisconsin.

The UW department has a formalized firearms policy and definite guidelines pertaining to arrest, search and seizure which all personnel follow carefully, Hamann pointed out. The department's personnel and selection program are ranked at the top nationally by the National Association of College and University Traffic and Security Officers.

The campus officers' training program, much copied around the country, consists of 12 weeks of intensive instruction. During an eight-hour classroom day, potential UW police officers dig down for heavy study on such subjects as first aid, water safety, constitutional and criminal law, public relations, report writing, driver training, firearms, defense tactics, photography, liaison with other agencies, the children's code, accident investigation, pursuit procedures, and more.

Hamann, a veteran of service with the U. S. Secret Service, the Detroit Police Department, and the Wisconsin State Crime Laboratory, earned a B. S. at Michigan State University in police administration and an M.S. in sociology at Wisconsin.

Glenn Pound Is New Agriculture Dean



PROF. Glenn S. Pound has been appointed dean of the College of Agriculture following the resignation for personal reasons of R. K. Froker, who had been dean since 1948.

The appointment of a new dean attracted a great deal of attention because of the importance of the position to the University, the State, and Wisconsin farm leaders. When Dean Froker's resignation was announced, there was active speculation as to who the new dean would be. A number of likely candidates were mentioned and a great deal of political undertone crept into the speculation. Those mentioned as possible candidates for the job ranged from Henry L. Ahlgren, associate director of the University Cooperative Extension Service who was an adviser to Richard Nixon during the 1960 Presidential Campaign, to Willard Cochrane, former economic adviser to Secretary of Agriculture Orville L. Freeman.

The naming of Prof. Pound was viewed as a compromise selection

that would not unduly agitate those who are on the right or the left of the political fence. In most instances, Prof. Pound's appointment was favorably received.

In commenting on the picking of a new dean, President Harrington noted that there were many faculty members in the College of Agriculture as well as people outside the campus who were qualified for the important position. "We have received many communications supporting and opposing particular candidates," he explained and then went on to emphasize the fact that "There can be no other course than to have a strong College of Agriculture in this University. We want the strongest possible leadership . . . Glenn Pound represents our future research, teaching, and outreach needs."

Prof. Pound is a widely-known researcher in plant pathology who has traveled extensively throughout the world to study agricultural research and institutional organizations. His appointment, which took effect September 1, includes the titles Dean of the College of Agriculture, Director of the Experiment Station, and Acting Director of the Cooperative Extension Service.

The new dean came to Wisconsin in 1940 as a graduate student and received his Ph.D. here in 1943 in plant pathology and botany. From 1943 to 1946 he was an associate pathologist with the United States Department of Agriculture in Washington where he worked on vegetable seed production as a part of the war effort.

Prof. Pound returned to Wisconsin in 1946 as an assistant professor of plant pathology, was named associate professor in 1949, and full professor in 1953. He became chairman of the department in 1954. He has held a number of key positions at the

University and in national associations in the biological sciences.

Dr. Pound has authored more than 100 research papers. His studies have concerned virus multiplication in plants, particularly the effect of factors of host environment (such as nutrition, temperature, and light) on virus synthesis in plants. He has studied virus diseases of cabbage; developed a radish variety named Red Prince that resists fusarium wilt; and developed three spinach varieties that do not bolt in hot weather and resist blue mold. His present program in cabbage breeding has several disease-resistant cabbage hybrids ready for release to the seed trade.

He has taught a course in plant pathology principles for graduate students at Wisconsin for 16 years and also teaches a course in plant virology.

As chairman of plant pathology, Prof. Pound has directed one of the

larger departments in the College of Agriculture. In recent months he has participated in planning of the University's new \$4.7 million Harry L. Russell Laboratories which is occupied by plant pathology and three other departments.

Dr. Pound has been a member of the board of consultants of agricultural programs of the Rockefeller Foundation since 1961. In this position he has traveled widely in Europe, Africa, Latin America, and Southeast Asia to evaluate agricultural research programs and institutions of higher learning.

In May of this year he was chief of party for a team of University of Wisconsin agricultural specialists who evaluated agricultural education programs in Western Nigeria for the U. S. Agency for International Development.

Throughout his association with the University, Dr. Pound has taken

an active part in Madison civic and church affairs.

THERE was praise for Dean Froker as he ended his 16-year career. The Regents expressed their gratitude for Froker's administration of the College of Agriculture and his contributions to research, specifically in the development of sterile concentrated milk.

Vice President Robert Clodius, himself a member of the Ag faculty for many years, noted that "in a quiet way," Dean Froker has made many changes in the Ag School. These involve the relocation of many of the research activities of the College to the Arlington Farms in the northeast corner of Dane County, the periodic rotation of department chairmen, the sale of the Hill Farms for commercial benefit to the University, and a major curriculum reform.

Chicago Alumnae Plan Active Year

THIS FALL will mark the 52nd season for the University of Wisconsin Alumnae Club of Chicago, and plans are under way for a travel program in October, at which Miss Marion Hanna, vice president in charge of programs, will show pictures of her recent trip to England to members and friends at her home at 838½ Judson Avenue, Evanston.

In addition to cooperating with the Men's club in sponsoring a post-game get-together on November 7 and the annual Founder's Day dinner in February, the Alumnae club will arrange for several functions on

its own, including a dinner at the Art Institute during some special exhibit. Last year the exhibit was the Armory Show.

Officers for the coming year are: Mrs. Lucy Rogers Hawkins, 1242 Elmwood, Evanston—president; Miss Hanna, vice president; Mrs. Roy Dunne, 2529 Ashland, Evanston—vice president, publicity; Miss Helen Schubert, 21 E. Bellevue, Chicago—vice president, membership; Miss Virginia Donham, 911 Michigan Avenue, Evanston—corresponding secretary; Mrs. J. Schoenenberger, 924 Sherman,

Evanston—treasurer; Miss Jane Whitehead, 2114 Ewing, Evanston—recording secretary.

Mrs. Marcus Hobart has been reappointed as club representative to the board of the Wisconsin Alumni Association.

Alumnae of the University are invited to all the functions of the club, which makes fund-raising for scholarships and other projects its main activity. Last spring more than \$500 was raised for the Elvehjem Art Center at an open house held at the home of Dr. and Mrs. Marcus Hobart, Evanston.

New York Alumni Club Announces Plans

THE WISCONSIN Alumni Club of New York has announced its program for the coming year. Starting in October, the first Tuesday of every month will be given over to a cocktail hour, to be appropriately called "Happy Hour," and held at the Dartmouth Club in the Hotel Commodore from 5 to 7 p.m. These sessions are scheduled for October 6, November 3, December 1, January 5, February 2, March 2, April 6, and June 1.

Regional meetings are scheduled to be held in November and Febru-

ary and a theater party is scheduled for December 1. The party will be held in conjunction with a new play, "Fiddler on the Roof," which features music by Jerry Bock, a UW graduate.

The New York Founders Day program is planned for March 26 and a boat ride will be held sometime in June. Badgers living in the New York area are urged to contact club president Albert J. Rudick (phone: Murray Hill 3-2030) for further information on the club's activity.

Traveling Badgers

BADGER ALUMNI were busy traveling again this past summer as the Association sponsored tours to Europe and Scandinavia and the World's Fair in New York.

Nearly 100 alumni journeyed to New York City the first week in July for the glittering spectacle of the World's Fair in a trip arranged by Travepower, Inc. of Milwaukee. The week-long festivities began with a special dinner at the Sherry-Netherland Hotel. On Monday, July 6, which was officially proclaimed "Wisconsin Alumni Day" at the Fair, Badgers gathered at the Wisconsin Pavilion for a special luncheon. The Banjo Band provided background music for the event and Ed Heberlein, president of the New York Alumni Club, led the singing of "On Wisconsin" as UW Vice President Robert Clodius provided a similar service for the singing of "Varsity."

During their stay, alumni were given courtesy passes to the Ford, General Motors, General Electric, and Johnson's Wax pavilions at the Fair and also took in the Broadway musical *Oliver*.

The alumni who traveled to Europe and Scandinavia under the guidance of the American Automobile Association visited such cities as Oslo, Stockholm, Copenhagen, Bergen, Edinburgh, Paris, Rome, Florence, Venice, Vienna, Lucerne, Heidelberg, Cologne, and Amsterdam. In each city the alumni had the opportunity to view the exciting contrasts between old and modern Europe.

The Association is planning tours to other exciting points of the globe during the coming year. Details on locations and cost will be furnished in a later issue of the *Alumnus*.

Mr. and Mrs. Irving L. Wade '23 (Alcee Waddle '24) will spend the next two years in New Delhi, India. He is chief of the power and water division of the U. S. Agency for International Development in India.

When attorney Harold C. Smith '23 recently retired as legal advisor for Fort Atkinson, Wis., he was replaced by his son, Donald L. Smith '51. The Smiths are associated in the Smith, Rogers, and Smith law firm.

Samuel Lenher '24, a vice president of the E. I. DuPont de Nemours and Company, has been elected chairman of the Society of Chemical Industry, American Section.

Attorney Lyall T. Beggs '25, Madison lawyer and public administrator for Dane County Court, is president of the State Bar of Wisconsin.

Courtland R. Conlee '25 has been named to the new position of director of public relations and will also oversee the promotion department for The Journal Company, publishers of the *Milwaukee Journal* and the *Milwaukee Sentinel*.

A book by Martha E. Black '28, *Speech Correction in the Schools*, will be published next month by Prentice-Hall.

John Bardeen '28, professor of electrical engineering at the University of Illinois, received the 1964 Vincent Bendix award for outstanding research contributions by an engineering educator.

In July, Katherine M. Hart '29, chairman of the department of institution administration at Michigan State University, was installed as president-elect of the American Dietetic Association.

George F. Drake '29, former Chicago advertising and public relations executive, has become national development director of the National Jewish Hospital at Denver.

Mr. and Mrs. Kenneth W. Wegner '29 (Grace Garnett '31) will spend this academic year in West Africa. He will teach mathematics at Cuttington College, Suakoko, Liberia, and Mrs. Wegner will teach English. He is an associate professor of mathematics at Carleton College.

1931-1940

Trinity College, Dublin, Ireland, awarded Dr. Frederick J. Stare '31 an honorary doctor of science degree on July 9. Dr. Stare is professor of nutrition and chairman of the department at Harvard University.

Robert E. Moe '33 is manager of a new unit of the General Electric tube department in Owensboro, Ky. Engineering manager for GE receiving tube operations since 1949, Moe was instrumental in developing the first GE television receiver.

Elmer L. Winter '35, president and co-founder of Manpower, Inc., has been named to membership on the national council of the National Planning Association, which is concerned with the study of methods for the utilization of the nation's productive resources. Mr. Winter lives in Milwaukee.

Alumni News

1901-1910

Associates and friends of Milwaukee attorney Walter Bender '01 honored his recent retirement from the law firm of Bender, Trump, Davidson, and Godfrey with a dinner at the Wisconsin Club, Milwaukee. Mr. Bender is also president of the Milwaukee county park commission.

Hilda Grinde Thompson '05 has moved from her home in Hudson, Wis., to Fairhaven, a newly established senior citizen residence in Whitewater, Wis. Her son, George Thompson, Jr. '41 is Attorney General of Wisconsin.

Harold Sands Falk '06, president of the Falk Corporation, Milwaukee, from 1940 until his death at the age of 74 in 1957, is among the six 1964 nominees to the Wisconsin Industrial Hall of Fame.

1911-1920

Mr. and Mrs. Lester Cushing Rogers '15 (Genevieve Penhallegon Fox '17) recently toured Europe and attended a conference of the International Labor Organization in Geneva, Switzerland. At the meeting, Mr. Rogers was elected chairman of the 50-member employers' group. Enroute to Geneva, Mr. and Mrs. Rogers attended the international meeting of the Human Betterment Association for Volun-

tary Sterilization. Both are directors of the organization and Dr. H. Wade Stinson '46 is a vice president. Mr. Rogers is chairman of the board of the Bates and Rogers Construction Corporation, Chicago. This fall, he and his wife will go to Lima, Peru, to attend a meeting of the Inter-American Federation of Construction which Mr. Rogers helped to establish.

Bernice Fitz-Gibbon '18, former advertising manager for Gimbel's, New York, is now writing a book, *Nobody But Nobody But You*. The title is based on her celebrated slogan for Gimbel's, "Nobody but nobody undersells Gimbels." Miss Fitz-Gibbon now operates her own consulting service in New York. She is the widow of New York lawyer Herman Block, and has two children and six grandchildren.

1921-1930

W. H. Pierre '21 has retired as head of the department of agronomy at Iowa State University, a position he held since 1938.

Byron M. Hill '21 has retired from his job with the Jockey Menswear Company and is living in Kenosha, Wis.

Methodists in Monroe, Wis., honored the Rev. Harold Allison '23 with a reception when he retired from the ministry in June. The Allison family also celebrated their 41st wedding anniversary in June.

Dr. Ewald E. Selkurt '37, chairman of the department of physiology at the Indiana University School of Medicine and world renowned authority on kidney function, is spending this year doing research at the University of Gottingen in West Germany.

Bertil T. Andren '39 has been appointed to the newly created post of engineering and product planning manager for Lincoln-Mercury. He has been with Ford for the past 17 years. As Ford Division assistant chief engineer in light vehicles, he helped develop the Comet compact.

Lt. Col. Eugene E. Welch '39 has been temporarily appointed commandant of the Air Force Special Investigations School, Washington, D.C., which trains investigators in the fields of crime and counter intelligence.

Robert M. Gill '39, head of the national division of Polly Prim laundry and dry cleaners, has been elected a director of the Park State Bank, Milwaukee.

Anne V. Adler '39 has joined the staff of Paine, Webber, Jackson, and Curtis, Milwaukee, as a registered representative for the brokerage firm.

Captain Charles John Alley '40, USN, retired in June from the Armed Forces Staff College after 24 years of active service. He plans to remain in Norfolk, Va., where he lives with his wife and their four children.

1941-1945

Ellen Gibson MacQuarrie '41 was married in March to Harry S. Wilson, a member of the faculty of University College of Wales. The new Mrs. Wilson is the widow of the former outdoors editor of the *Milwaukee Journal*. Before her remarriage she was public information officer for the bureau of family services of the U. S. Department of Health, Education, and Welfare.

Dr. Joseph V. Swintosky '42, former UW faculty member and head of the pharmaceutical research section of Smith, Kline, and French Laboratories, Philadelphia, recently received the American Pharmaceutical Association Foundation's research award for physical pharmacy.

Robert Bosser, Jr. '42 does design work in the research department of the Falk Corporation, Milwaukee, and is now making a semi-career of his painting and watercolor work.

Alan W. Drew '42 heads the special products division of the Singer Company, directing the company's activities in the textile machinery and consumer electrical equipment fields. He lives in Old Greenwich, Conn.

Marathon Division of the American Can Company has transferred **Owen E. Hanson '42** from Marathon, Ontario, to Naheola, Ala., as manager of the company's pulp and paper mill there.

Nathan S. Heffernan '42, United States attorney for the Western District of Wisconsin, has been appointed to the State

Supreme Court to fill a vacancy caused by death. He will seek election to a 10-year term at the next judicial elections in April.

Howard Skillrud '42 has opened a pizza house in Madison, the first of its kind to open east of the Mississippi. Called "Shakey's," the pizza parlor combines the atmosphere of a London pub with rag-time banjo and piano music. The Shakey decor originated on the West Coast.

John F. Schuette '44 is executive vice-president of the Kartridg Pak Co., Daventry, Ia.

Johnson and Johnson have appointed **Robert W. Sprenger '44** director of financial and administrative services. He will continue to work out of the New Brunswick office, where he has been since 1952. He, his wife, and their two daughters live in Somerville, N. J.

M. J. Rowlands '44 is Chicago district sales manager for the Lincoln-Mercury division of Ford Motor Co.

Willard J. Pearce '45 has joined the faculty of Rollins College, Winter Park, Fla., as associate professor of physics. He was formerly professor of electrical engineering at Lehigh University, Bethlehem, Pa., and project leader for General Electric Co.

Wisconsin State University, Eau Claire, recently honored **J. Hartt Walsh '45**, Dean of the School of Education, Butler University, with its distinguished service award.

1946-1950

Albert J. Milun '46 has been promoted to principal scientist in the chemical research activity of General Mills' Central Research Laboratories, Minneapolis.

Paul A. Steward '47 operates a real estate and insurance firm in Madison where he lives with his wife and four daughters.

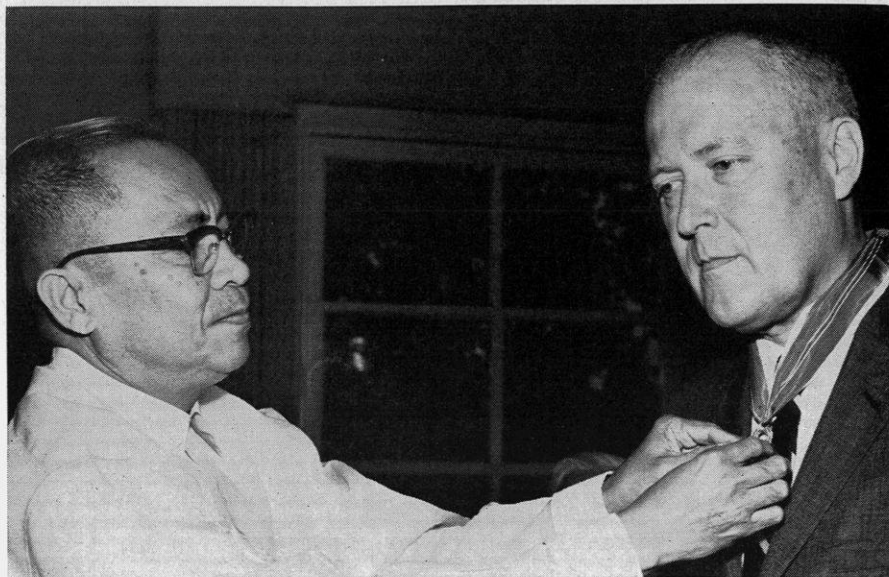
James N. Purse '47 has been elected vice president-sales of the Hanna Mining Company, Cleveland, an independent iron ore mining company. He lives in Hudson, Ohio.

Warren Faber '47 has advanced to the position of mortgage research officer with Northwestern Mutual Life Insurance Co., Milwaukee.

Seymour Hayden '47, associate professor of mathematics at Clark University, Worcester, Mass., now heads the department of mathematics there. He is also a well-known concert harpsichordist.

Robert H. Wentorf '48 is a research chemist for the General Electric Co., New York. He is the developer of borazon, a synthetic diamond used for commercial purposes.

The 3M Company, St. Paul, Minn., has appointed **Daniel J. MacDonald '48** technical director of the electrical products division.



Dr. Edward W. Mill '40, Chevalier Professor of Diplomacy and World Affairs at Occidental College, was invested with the Order of Sikatuna June 8 at a ceremony in the President's Lounge at Occidental. This decoration is bestowed by the Government of the Philippines on Heads of State, Foreign Ministers and distinguished persons for outstanding services in the field of international relations. Minister Alejandro F. Holigores, Consul General of the Philippines in Los Angeles, conferred the award on behalf of the Philippine Republic. Dr. Mill was recognized by the Philippine Government for the role he played as Director of the Philippine Foreign Affairs Training Program of the U. S. Department of State under which a majority of the career foreign service officers of the Philippines were trained. Dr. Mill's foreign appointments also included service as Chief of the Political Section of the American Embassy in Manila, American Consul in Indonesia and delegate to the U. S. Foreign Regional conference at New Delhi, India. Before coming to Occidental, Professor Mill taught at Long Island University in New York and Rockford College in Illinois.



Miriam Ottenberg '35, The Washington Star's Pulitzer-Prize winning investigative reporter, is currently president of the Women's National Press Club. She won journalism's highest honor in 1960 for her series exposing unscrupulous used car dealers in the Washington, D. C. area and for follow-up stories that had already won her six other honors, among them the 1960 Grand Award of the Washington Newspaper Guild. One of the informal tributes that pleased Miss Ottenberg most also doubles as a summary of the scope of her career. It came from fellow Pulitzer Prize winner Marguerite Higgins who once introduced her as "a crime investigator who has come to know more hoodlums than Edgar Hoover, more dope addicts than Dr. Ben Casey, more shysters than Walter Winchell" and a person who is "to racketeers and rackets what Hedda Hopper is to the unwary movie star, what Dr. Kelsey is to thalidomide, and what Rachel Carson is to DDT."

Robert A. Mohr '48 is senior project engineer with Spencer Chemical Division of the Gulf Oil Corporation, working in the research center in Kansas City, Mo.

Paul R. Doege '48 is marketing director of Blue Shield of Minnesota at St. Paul.

William C. Simenson '49 has been with the American Embassy in Helsinki since 1964. The Simensons (Katherine Gimmler '53) write that they find Finland beautiful and hospitable.

Carl E. Rogahn '49 is city real estate agent for Milwaukee.

After spending the past year as associate professor of biology at Texas Women's College, Edward A. Pryzina '49 moved last month to Glenside, Pa., where he is chairman of the biology department at Beaver College, just outside Philadelphia.

Richard Priebe '49, former editor of the *Wisconsin Alumnus* and director of public relations for the Sheaffer Pen Co., Ft. Madison, Ia., for the past six years, is now director of public relations for Wyandotte Chemicals Corp., Wyandotte, Mich.

Herbert C. Walsh '49 recently assumed the managing partnership of the Madison

branch of Robert W. Baird and Co. investment firm.

Mr. and Mrs. Lee Reichman II '49 announce the birth of their son Lee III on July 3. The Reichmans live in Queens, New York.

Mr. and Mrs. Merl J. Ryan '50 announce the birth of their fourth child, Michael Thomas, in Baltimore, Md.

Lt. Col. Kenneth L. Stahl '50 is now in London for a four year term as a member of a NATO committee. He is a chemical representative of the U. S. Army and his last three-year tour of duty was in the Pentagon.

The new manager of the Du Pont Company's Spruance Film Plant in Richmond, Va., is William A. Eckstein '50, who has been with Du Pont since 1950.

W. Lee Hansen '50 is a member of the President's Council of Economic Advisors and lives with his wife and two daughters in Washington, D.C. For the past year and a half, until his appointment to the Council, he taught at UCLA.

Gerald J. Richter '50 is a mortgage research officer with Northwestern Mutual Life Insurance Co., Milwaukee.

Roman A. Schmid '50 is product manager for merchant papers at Consolidated Papers, Inc., Wisconsin Rapids.

Dr. Richard O. Schultz '50 is associate professor and head of the department of ophthalmology at the Marquette University Medical School.

Ernst Conrath '50 was recently promoted by the Department of State to the rank of Consul and Foreign Service Officer, Grade 5. He is presently serving as Administrative and Consular Officer at the American Embassy in Bangui, capital of the Central African Republic. His wife and their two daughters are with him and they expect to remain there until 1965. He has been with the Foreign Service since 1950.

1951

Merlin M. Koenecke is superintendent of operations for a new plant to be built at Baton Rouge, La., by the Ethyl Corporation for which he has worked since graduation.

Dr. Guy W. Holmes, his wife, and three children recently moved from Marinette, Wis., to Wausau. He is a pathologist.

Thomas R. Hefty, Jr., has been elected an American director of the Norwegian-American Steamship Co., Oslo.

William E. Branen, publisher of the *Burlington* (Wis.) *Standard Press*, is the new president of the Wisconsin Press Association.

The Rev. J. Ellsworth Kalas is senior minister of First Methodist Church, Madison.

L. C. (Chuck) Webster, a Chartered Life Underwriter with Webster and Webster Agency, Madison, was honored recently as the leading salesman among 1,754 agents of American Family Insurance Group, Madison.

Army Major George J. Foegen is on duty with the Army element of the U. S. Military Assistance Advisory Group in Vietnam.

The Northern Trust Company, Chicago, has appointed Duane K. Ruth a second vice president in the trust department. The Ruths have two children and live in Glenview, Ill.

Janet Meili is librarian at Farnsworth Junior High School, Sheboygan.

1952

Arthur L. Casebeer is dean of students at Drake University. He was formerly assistant dean of students for men at Drake, where he has been since 1963. Before that, he was director of the Union at UW-M for two years.

Donald J. Finnessy is retail advertising manager of the *Eagle-Star*, Marinette, Wis.

The UW Extension recently named C. A. Brockman to the newly created position of director of administrative services for the Milwaukee area. He was formerly assistant director of the center in Fox Valley.

Clyde A. Jaworski, assistant to the director of nonacademic personnel at the UW Madison campus since 1954, has been appointed director of personnel at the UW-Milwaukee.

1953

Karl F. Foss, who recently married Leona Dohanik, Toronto, Canada, is supervisor in Illinois Bell Telephone Company's public relations department. The Fosses live in Springfield, Ill.

Rolf T. Killingstad has opened an office in Madison for practicing engineering in the fields of structural and industrial plant design. He was formerly a project engineer at Oscar Mayer. The Killingstads have three children.

Wallace G. Weisenborn was recently promoted from assistant cashier to assistant vice president in the banking department at Harris Trust and Savings Bank, Chicago. He, his wife, and three children live in Arlington Heights, Ill.

Louis A. Freizer, who is a writer for WCBS radio News, New York City, recently received his Master of Arts degree in political science from Columbia University.

1954

Gerald P. Lepp has joined the legal department of M&T Chemicals, Inc., New York City, where he and his wife live. They moved to New York from Kenosha, where he was in private practice.

Malcolm D. MacArthur recently joined the Washington, D.C. law firm of Lee, Tommey, and Kent as an associate.

Ted Crabb is the new director of the union at the University of Wisconsin-Milwaukee. The Crabbs (Barbara Bran-

drift '60) have been living in Madison where he was assistant director of the Wisconsin Union and she was associated with a Madison law firm.

Donald W. Schaefer has opened an audiological consulting service in Madison.

Lawrence H. Streicher recently moved back to Chicago from Utica, N. Y. Since Sept. 1 he has been a research sociologist at the Institute for Juvenile Research with the State of Illinois Department of Mental Health in Chicago.

The Medical Technology Class of 1954 held a reunion luncheon at the Wisconsin Union on June 6.

Class members attending from Milwaukee were Mrs. Fred Wiviott (Esther Cornfield), Mrs. Jack Platner (Mary Singer), Doris Marshak, and Ruth Dunham.

Madison representatives were Mrs. Gordon Johnson (Betty Rynders), Mrs. Albert Borenstein (Natalie Schmidt), and Joan Weber. Mrs. David Kelley (Barbara Karlen) came in from Grafton for the luncheon.

Honored guests were Miss Alice Thorngate, director of medical technology at the UW Hospitals, and Miss Kathryn Rupp '44.

1955

Dr. and Mrs. R. Clarke Danforth (Phyllis Robertson '56) have moved to Milwaukee with their children Christine and Douglas where Dr. Danforth has entered the private practice of neurology. He was previously in the Navy, stationed at the National Naval Medical Center, Bethesda, Md.

Bruce Gillman has joined the Madison law firm of Arthur, Tomlinson, and Thomas as an associate, after serving the past year as the law clerk to Chief Justice George R. Currie of the Wisconsin Supreme Court. He, his wife, and daughter live in Madison.

Friends and classmates of **Dr. Robert H. Levin**, who was killed in a plane crash near Newport, Tenn., in July, are going to establish a memorial scholarship fund at the University in his honor.

Dr. Levin had been on his way to Oak Ridge, Tenn., to present a paper before scientists at a conference on blood platelets. A commissioned officer in the U. S. Public Health Service, Dr. Levin, 30, was a nationally known leukemia research expert.

Further details on the scholarship will be announced later, according to Madison attorney **Richard A. Heilprin**, who writes of Dr. Levin, "He was a person of superb accomplishment, and while an undergraduate here at the University, distinguished himself by not only his academic and extra-curricular accomplishments, but by the many warm and lasting friendships which he made."

1956

Peter Bunn is now assistant to the UW dean of student affairs and interfraternity adviser on the Madison campus.

Frank N. Elliott, associate dean of the School of General Studies of Columbia University, has been elected a member of the Board of Trustees of Alfred University, Alfred, N. Y.

Dr. Carl H. Gibson and his wife arrive in New York this month, returning to this country after two years on the faculty of Osmania University, Hyderabad, India, as members of the Peace Corps.

Richard J. Jacobs, a reporter for the St. Louis *Post Dispatch*, is one of five reporters who will study here for the 1964-65 academic year on Russell Sage fellowships in social science writing.

1957

Allen R. Korbel, of Alfred Korbel and Associates Insurance, Milwaukee, was recently elected president of the Milwaukee Association of Life Underwriters.

Malcolm H. Miller is an associate with Walker and Hinkle, realtors and insurers, in Albuquerque, N. Mexico.

Dr. Jerome Russell Hanson is a resident in surgery at the Mayo Foundation, Rochester, Minn.

Mary S. Dilliard is head librarian at Blackburn College, Carlinville, Ill. She was formerly cataloguer and reference assistant with the Educational Testing Service, Princeton, N. J.

Capt. Paul M. Jeglum is one of eight finalists for a new team which is the youngest to be trained for outer space exploration, and is in training at the Air Force Aerospace Research Pilot School at Edwards AFB, Calif.

1958

Mr. and Mrs. Robert J. Pum (Janis Murdoch '57) live in Oneonta, N. Y. where he is art consultant at Bugbee Campus School and assistant professor for the state university college in Oneonta and she teaches girls physical education at the local high school.

Theodore Blumenstock is patent advisor in the legal office of the Army Material Command's Harry Diamond Laboratories, Washington, D.C. The Blumenstocks (Pauline Rosenthal '59) live in Bowie, Md., with their son, Michael.

Mr. and Mrs. Phillip S. Brown, Kansas City, Mo., announce the birth of their second child, Melissa Ann, on June 29. Their son David Lyndon is four. Mr. Brown is an associate in a Kansas City law firm.

Louis J. Micheln, assistant manager of the Manitowoc Chamber of Commerce since July, 1958, is now assistant secretary of the Appleton Chamber of Commerce.

Karen Robertson joined Oscar Mayer and Company, Madison, as a home economist in the research department in July, after working with the Connecticut Dairy and Food Council, New Haven.

Captain Fred C. Brand is adjutant of the new Walter Reed Army Institute of Nursing which registered its first class of

student nurses this fall. He joined Walter Reed three years ago.

William D. Fromm is executive director of a regional planning commission for several cities and counties in Illinois, working out of Carbondale, Ill., where he lives with his wife and two children.

Raymond J. Kot, formerly a supervising engineer for UNIVAC, has been promoted to manager of the engineering effort at the fleet computer programming center, Pacific, in San Diego.

Capt. and Mrs. Suran J. Chalekian (Elinor Borian) announce the birth of their first child, George Cabot. Capt. Chalekian is serving as assistant staff judge advocate at the Army Terminal Command, Gulf, in New Orleans.

Eldon L. Husted is executive secretary of the State Bar of Arizona, working out of Phoenix and heading a staff of five.

1959

Benjamin H. Min is assistant professor in the department of social studies at the New York State University College, Buffalo, teaching far eastern history and social studies. He is completing his Ph.D. degree in the department of government at the University of Massachusetts, Amherst, and taught last year at Greenfield College, Greenfield, Mass.

Mr. and Mrs. Carl Seidel announce the birth of their daughter, Lisa Marie, June 1. Her father is a nuclear chemist at Nuclear Science and Engineering Corp., Pittsburgh.

John B. Snell recently received his Ph.D. degree from Lawrence College, Appleton, Wis., in connection with his work at the Institute of Paper Chemistry.

Larry E. Lichte received his law degree from the UW in June and is currently associated with Allied Development Corporation, Madison.

Donald E. Olsen is plant manager for the Sheboygan exchange of the Wisconsin Telephone Company.

John O. Olson was recently appointed district attorney for Taylor County, Wisconsin, and lives in Medford with his wife and four children.

Dorothy Ann Paul recently received her master of arts in biology from Western Reserve University, Cleveland.

John F. Wendt has been awarded a research fellowship to the Von Karman Institute for Fluid Dynamics in Belgium from Oct. 1 through July, 1965. His wife and daughter accompanied him to Belgium.

Michael J. Wyngaard is assistant U.S. attorney for the Western District of Wisconsin.

Broan Manufacturing Co., Hartford, Wis., has promoted **Wayne Van Dien** from sales promotion manager to manager of advertising and sales promotion. He was also recently elected treasurer of the Sales Promotion Executives Association, Milwaukee.

Alan S. Hanson has been appointed media supervisor in the advertising depart-

ment of Oscar Mayer and Co., Madison, and will be responsible for media analysis and planning.

Douglas S. Ritchie, who received his master's degree in secondary administration from the UW in 1959, is the new principal of West High School in Madison.

1960

Eugene Steadman received his Master in Business Administration degree with high distinction from the Harvard University School of Business Administration in June. Those graduating with high distinction represent approximately the top three per cent of the graduating class of 625.

Mr. and Mrs. Robert Glenn Devlin (Georgia French '61) write from Houston, Tex., that they cordially invite all Wisconsin alumni down that way to stop in. He was recently elected managing editor of the *Houston Law Review*. The Devlins plan to remain in Houston after his graduation from the University of Houston College of Law in 1965.

Lawrence Mac Hershfield graduated from the American Institute for Foreign Trade, Phoenix, Ariz., in May, 1964 and joined the Chase Manhattan Bank.

Walter B. Smith, Jr., is writer with the Brady Company, advertising and public relations firm, Milwaukee.

1961

Leif Fritjof Gundersen and **Gary Molzahn** were May, 1964, graduates of the American Institute for Foreign Trade, Phoenix.

Mr. and Mrs. Robert P. Bohm (Nancy Kaminer '62) announce the birth of their first child, Richard Alan, June 3 in St. Louis, Mo.

Gary E. Zimmerman received his master's degree in educational psychology from the UW in August and is now instructor in the department of education, State University College, Buffalo, New York.

Thomas Parr, Jr. has been appointed supervisor of manufacturing engineering for Deluxe Products, Holly Springs, Miss.

Carol Adamson is an instructor in history at Carnegie Tech, Pittsburgh.

Robert R. Pekowsky is associated with the Madison law firm of Wheeler, Van Sickle, Day and Goodman, and he and his wife have two children.

Allan Schoonover is studying for the Lutheran ministry.

David E. Seiler is an instructor in music and director of the Jazz Lab Band at Millikin University, Decatur, Ill.

Mr. and Mrs. Carlton Placeway (Patricia Yeandle '59) are the parents of a son born February 16, 1964, and are now living in Columbus, Ohio, where Mr. Placeway is working at Chemical Abstract Service of the American Chemical Society.

1962

Mary McAndrews '63, **Sheila Sullivan**, and **Julie Ann Baltes** toured Europe this

summer then returned to their teaching jobs. Miss McAndrews teaches in Janesville and Miss Sullivan and Miss Baltes teach in Kenosha, where they are apartment mates.

1963

2d. Lt. David A. McCauley is in U. S. Air Force pilot training at Laughlin AFB, Texas.

2d. Lt. Robert S. Goetz has received his U. S. Air Force pilot wings and is remaining for duty as an instructor pilot at Reese AFB, Lubbock, Texas.

Carol Falk has joined the editorial staff of *Fortune* magazine in New York after receiving her master's degree in journalism from Columbia University in May.

Jane Ellen Kieser has gone to Malaya, Malaysia as a missionary for the Methodist Church to do educational work.

Ingeman Martin Ostergaard is on the staff of the general scientific and administrative department of the University of California Lawrence Radiation Laboratory in Livermore, Calif.

2d. Lt. James A. Schwefel has been reassigned to flying duty in a unit at Travis AFB, Calif., after receiving his pilot's wings in flying training at Big Spring, Tex.

Roger Blobaum, former Associated Press reporter in Madison and Chicago, has

joined the staff of Wisconsin Senator Gaylord Nelson to handle matters relating to conservation of natural resources.

1964

Herbert W. Perry is a junior machine designer with the Delco Radion Division of General Motors Corp., and he is working in Kokomo, Ind.

Gary Ackerman is employed as a biologist for the State of Iowa, with offices in Independence.

Owen Marshall left June 17 for Ecuador with the Peace Corps.

David L. Stockland has joined the Trane Company's Omaha, Neb., office as a general salesman.

Robert K. Henderson has been commissioned a second lieutenant in the U. S. Air Force and is assigned to an air training command unit at Keesler AFB, Miss.

2d. Lt. David G. Larson is being trained as a transportation officer with the U. S. Air Force at Sheppard AFB, Tex.

2d. Lt. Robert A. Ponto has been assigned to an Air Force logistics command unit at Hill AFB, Utah, for duty.

John F. Brensike entered the Johns Hopkins University School of Medicine in September.

John P. Limbach has joined Rohm and Haas Company, Philadelphia plastics and chemicals manufacturer, in the firm's new research laboratories at Spring House, Pa.

Newly Married

1950

Mrs. Paulin Kuiper and George James McCLOUD, Racine.

1951

Dolly Manis and Rudolph BECKER, Fond du Lac.

Elizabeth Ann McGarry and David SAWLE, Washington, D. C.

Ida Belle Johnston and Arthur Roy STEINHILB, Valders.

1952

Emilie Brace KIEKHOFER and John Wallis Dickey, Little Compton, R. I.

1953

Carol Jane Dolbier and John Charles JACOBSON, Onalaska.

Carol Virginia Stephenson and Glen R. McCULLOCH, Dunbar, W. Va.

1954

Jeanne Frances Bonds and Kenneth FRITZ, Denton, Texas.

Mary Louise Gundlach and Raymond Eugene McCOOL, Madison.

Laurel Esther Stoneking and Walter Lewis SHEAR, Pittsburg, Kan.

1955

Nancy Ann Butler and Bruce Malcolm SLAGG, Edgerton.

Beverly Ann Kohler and Richard Cook THOMAS, Milwaukee.

1956

Marilyn Marie Wernberg and Richard Lawrence BUTZER, Stevens Point.

Ann Marie Hovre and Erling A. KLOPPEDAL, Colfax.

Susan Zellin and Sidney PUMP, Milwaukee.

Donna June Hoke and Dr. Joseph SYTY, Viola.

1957

Kathryn Jane Schauder and William Hamilton CANTWELL, III, Shawano.

Diane Natalie Achatz and Henry C. FULLER, West Allis.

Susan Faith Essock and Allen Herbert GOLDSMITH, Milwaukee.

Valerie Annette Leyo and John Richard HANNON, Peshtigo.

Dr. Mary Margaret HERMAN and Victor Joseph Burner, Madison.

Judith Edgerton Amos and Alfred Wentworth HUBBELL, Cincinnati Ohio.

Marianne KENNY and Joseph R. Olson, Oak Park, Ill.

Mary Ann Christensen and Birdell Harry SNUDDEN, Madison.

Donna Jean Trainor and William John SPOENTGEN, Madison.

Gail Juliette WELTZIEN and Roger A. Koenke, Milwaukee.

Mary June Lehrer and David Arthur WORTHMAN, Madison.

1958

Kathleen Jean MURRAY '61 and William B. ECCLES, Sheboygan Falls.

Anita Marie FLINT '58 and Richard Lee LENZ, Madison.

Gloria Gehl Selsing and John Owen HAMEL, Berlin.

Mary E. Jennings and Roger Royal KLETT, Madison.

Irma Elizabeth Maki and Richard Eugene SIMONSON, Negaunee, Mich.

1959

Helen Grace Hansen and Gilbert Owen BENNETT, Sparta.

Jeanine Lou BOGART and Lowell Wayne Bliss, Lake Geneva.

Marjorie Marie Brummel and Richard E. BLANEY Aurora, Ill.

Sally Jean Enyeart and Dr. Richard Theodore CHIROFF, Butler, Pa.

Linda Louise HANSON and James Gordon Stolhanske, Richland Center.

Judy Marlene Kyle and Jon Richard HOBBS, Dayton, Ohio.

Virginia HOLZ and Michael J. Price, Eau Claire.

Ester Marie Zanzinger and James Roger HUNTOON, Janesville.

Audene Marilyn Thoreson and William Joseph IMMERMANN, North Hollywood, Calif.

Carole Wesenberg and David C. JANISCH, Verona.

Sharon LONG '63 and David Edward VINSON, Buffalo, N. Y.

1960

Ann Below CHALLONER and George Kenneth Whyte, Jr., Green Bay.

Karen Jean Anderson and Peter Harlan GULLICKSON Monroe.

Sally McDANIEL '60 and Thomas E. HAMILTON, Jr., Darlington.

Karen Mae HEASSLER and Boyd F. Berling, New York City.

Merna Merrill McEuen and David E. JARFIS, Madison.

Joan Lee Foster and Curtis Monroe KIRKHUFF, Madison.

Mary Margaret KOZLOVSKY and Milstead Zahn, Anchorage, Ala.

Karen Dawn Solovey and George Jacob MAGDECH, Kenosha.

Joan Elizabeth BEYER '63 and Richard Stratton MORRIS, Scarsborough, N. Y.

Gail Ann MOSELY '61 and Carl Herman MUCH, Madison.

Gwen Colescott and John Edward MULLEN, Austin, Minn.

Marian Arline Schlutz and James A. NORDGREN, Muscatine, Iowa.

Penelope Pawl and Richard Bruce PETERS, Chicago.

Sandra Jean Kolvig and Noel Bernard PLUTCHAK, Green Bay.

Marilyn Dee Lorentz and John Lewis RASMUSSEN, Shelbina, Mo.

Catharine Elizabeth RIKKERS and Richard Louis Beverly, Madison.

Doris Ann Rogers '61 and David W. SCHOMBERG, Cuba City.

Virginia E. Riser and David William SCOTT, Park Ridge, Ill.

Mary Weix and Richard SHIMEK, Madison.

Mary Ellen BIRKS '63 and Thomas John SOBOTA, Chicago.



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Betty Lou BURKHART and Walter J. Weber, Madison.

Millicent Marvel CALVERT and Henry A. Rotea, Benton.

Jane Marie DUFFEK '64 and George Francis SHINNERS, Antigo.

Conalee Calhoon and Larry HERBST, Pardeeville.

Judy Ann Grams and Harlan David HIRT, Madison.

Donna Lagene DAENTL '56 and Robert Edwin HOPKINS, Pomfret, Conn.

Elizabeth C. JOHNSON and Kenneth R. Ingle Jr., Madison.

Marilyn Kay Eskritt and Wayne Jon JOHNSON, Stevens Point.

Margaret Hoffman and Alan Rogers KELSEY, Madison.

Barbara Ann Edens and Gary George MAYHEW, Wauwatosa.

Barbara Gayer MERKEL and Ashby Morefield Woolf, Nashotah.

Telia L. SETON '61 and Samuel Hamilton MURPHY, Dodgeville.

Eileen June Tagge and Neil F. PAYNE, Sheboygan Falls.

Roxanne Louise Lackey and Donovan Lee QUAM, Denver, Colo.

Margaret Jean Flister and James Lloyd RADLOFF, Minocqua.

Susan Mary RAGSDALE and Allan Frederick Puariea, Madison.

Katherine Covert SOLES '61 and Jarl Hamilton JONES, New Canaan, Conn.

Kathleen Ellen Kissel and Fredrick Chester STREY, Hartford.

Helen M. Dregne and William John URBAN, Viroqua.

Judith Lee Barton and David R. WILLIAMSON, Springfield, Ill.

1962

Judy Lee Walker and Robert Forest ATKINSON, Stockton, Ill.

Judy Ann SREDL '63 and Thomas F. BERG, Berwyn, Ill.

Donna Seifert and David E. HAHM, Madison.

Lynn Louise Jungkans and James Lee HALDERSON, Milwaukee.

Jean Marie Ludwig and Thomas HAMILL, Madison.

Mary Ethel HAMMES and Roger R. Vilcock, Wausau.

Marilyn Salisbury and Tom Garrett HEEBINK, Syracuse, N. Y.

Marcia A. Herbster and Robert W. HEGGESTAD, Syracuse, N. Y.

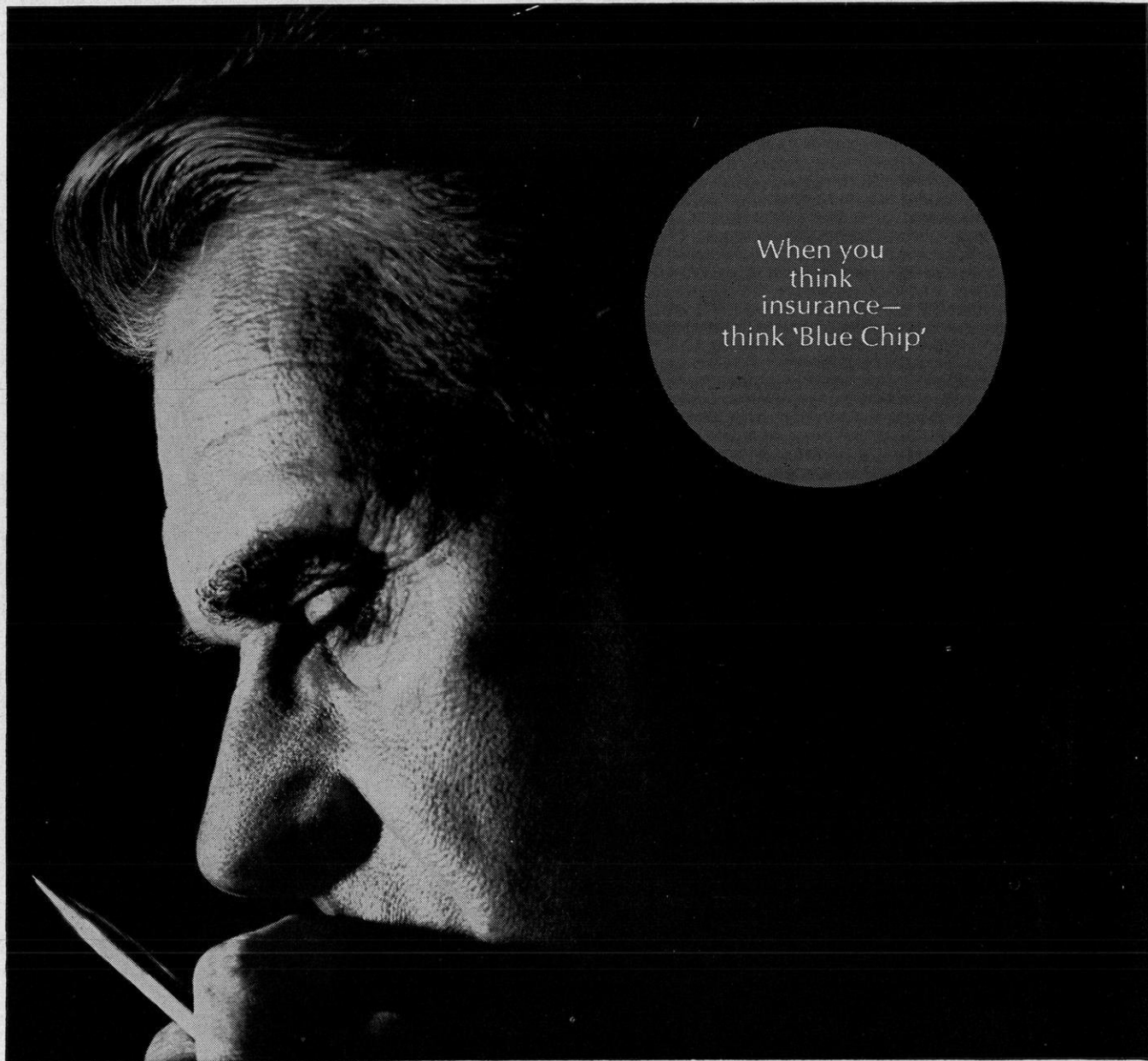
Mrs. Patricia Griffiths THIEL '64 and John Gilmore HILL, Madison.

Darla Kay HOMAN and Dennis Karl Bethke, Milwaukee.

Joy L. HOOK and Peter R. Dohr Grayslake, Ill.

Jane Elenore HUENINK and Gary Orin Loo, Sheboygan.

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Robert C. Buchholz	'41	Asheville, N.C.
Michael Cantwell	'61	Milwaukee
Mitchel L. Dack	'33	Chicago
Calbert L. Dings	'48	Charlotte, N.C.
John E. Frechette	'64	Milwaukee
James E. Heineke	'62	Madison
Bruce C. Hendrickson	'58	Milwaukee
John V. Hovey, CLU	'32	Denver
Clement D. Ketchum	'52	Milwaukee
Russell F. Marquardt	'55	Chicago
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

Barbara Doris JACOBSON and Melvin Stuart Bacher, Shorewood.

Marie Ann Strozinski and Leonard Michael KACZMARZYK, Mosinee.

Martha Jane PORTER '54 and William Eugene KILGOUR, Madison.

Elaine Ruth ROBERTS '62 and Kenneth Paulson KOSIER, Madison.

Marilyn Mae Haunschild and John Arthur KRAUSE, Greenwood.

Kay Elerfield RUSSELL '61 and William I. LUNDBERG, Superior.

Geraldine Anne Sechrist and Walter Frederick MAURER, Palos Park, Ill.

Bonnie Jean Boya and Raymond Keith MERLE, Superior.

Constance Mary MORIARTY and Holmes Thomson Bennett, Jr., Lake Mequon.

Lois Marie GOETSCH '63 and Ross MUELLER, Plymouth.

Martha MURRAY and John Dale McDonald, Brown Deer.

Karen Rheingans and Roger NATZKE, Jackson.

Marguerite Ann McGettigan and Robert Daniel NORDEEN, Washington, D. C.

Jennifer Margaret POMAINVILLE and Maurice Gregory Rice, Jr., Wis. Rapids.

Judith Caryl REIGLE and John Allen Blomquist, Madison.

Judith Rose BRIDGMAN '63 and William Robert RUMMLER, Chappaqua, N. Y.

Sandra Amelia Nadler and Kenneth Edward STEVENS, Lake Mills.

Patricia J. Conlin and John A. THIESENHUSEN, Columbus.

Elaine Joyce ARNOVITZ '63 and George TOROSIAN, Madison.

Karen Diane KOSKI '63 and Gerald G. UDELL, Kankakee.

Joyce Mae Wentland and Fredric Thomas WILLIAMS, Madison.

Sharon Mary Nelson and Donald John WRIGHT, Chicago Ill.

Jacqueline Louise BRANDLEY and Michael Richard Valinoti, Greenwood.

Mary Alicia BRANDT and Theodore Frederick Scherbert, Madison.

Barbara Frances ZOLL '63 and Thomas Hastings BRICK, Green Bay.

Linda Teske and James BRITTON, Burlington.

Nancy Pauline ALLEN '63 and James D. BRUINS, Algoma.

Karen Audrey Cleven and John Lewis COTTON, Madison.

Nancy Carol Simonsen and Roger Henry DREHER, Kenosha.

Barbara A. DYER and Dr. A. James Blair Jr., Madison.

Bonnie Jeanne Hansen and Eliot Sherburne ELFNER, Hales Corners.

Karen Jane Woodend and James Pierce ELLIS, Hartford, Conn.

Sue Ann EPPLER and Henry Dale Thieben.

Susan Kathryn Hudson and Gerald Michael FALCI, Madison.

Judith Marie FALK and Jay J. Williams, New York, N. Y.

Ellyn FRAMBERGER and Ronald Edward Geraghty, Okauchee.

Joyce Woltmann and Wayne FREDRICK, Lebanon.

Ina Jeanne Laundry and David John FUGINA, Fountain City.

Sarah Jean GODFREY and Rodger Field Smith, Wauwatosa.

Susan Rae Siegel and William S. GOLDSTEIN, Bayside.

Kristin Mary GOLZ and Paul Rolf Schulze, Wauwatosa.

Ruth Ann HARRINGTON and John Calvin Ebsen, Oshkosh.

Susan Valentine ASHTON '63 and Stephen Lewis HAWK, Janesville.

Janet HECK and Harold L. Schuren Mondovi.

Sarah Jane HECKL and Michael Joseph Morgan, Wauwatosa.

Karen Jean HENTSCHEL and Richard Ray Gilbert, Milwaukee.

Marie Anne HERMANN and Gustave Victor Mader, II, Elm Grove.

Gretchen Franceska HUEBNER and John Petersen, III, Madison.

Elizabeth Ann HUGGINS and Theodore C. Harris, Mineral Point.

Benita Irene HULBERT and Edward Roy Johnson, Racine.

Karen Sue Chilcutt and David Lee HULETT, Madison.

Susan Frances HUNT and Richard Arnold Christensen, Madison.

Shirley Mae Chapman and Berdean D. JERGENSON, Rhinelander.

Judith Ann Tarnutzer and James Raymond KAHL, Prairie du Sac.

Ann McDonough KELLER and Rolf Luloff, La Crosse.

Barbara Jo KESSELMAN and Barry Nathaniel Eigen, Milwaukee.

Janice Marian KUYKEN '63 and James Franklin KITTSLY, Cedarburg.

Barbara Kay PROTENHAUER, '63 and Peter Everett KOROTEV, Chicago, Ill.

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1963

Louise Kathryn HARRIS '63 and Bruce Alan ADERHOLD, Sun Prairie.

Elizabeth M. ADERMAN and Allan Pincus.

Nancy Gail BRUSSAT '62 and Robert Louis BAROCCI, Janesville.

Barbara Penelope NICKEL and James Eugene Biersach, Pensacola, Fla.

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It's perfectly logical to assume that the nation's leading producer of alloying metals like chromium, manganese, tungsten, and vanadium could become an expert on their use in new forms of steel. One result is the development of a new kind of stronger stainless steel.

Nor would it be surprising that the nation's pioneer and leading producer of plastic raw materials would be selling plastic food bags with a new kind of fold-lock top that locks in freshness. They're called "Glad" Bags, and they keep Pat Deegan's lunch fresh even though it was packed the night before.

But you'd have every reason to doubt that two such unlike activities could come from the same company. Provided you didn't know about Union Carbide.

In fact, you'll come across lots of diversifi-

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In fact, few other corporations are so deeply involved in so many different skills and activities that will affect the technical and production capabilities of our next century.

The next century starts with Pat Deegan's lunch.

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New England Life agent Norm Masters (Michigan State, '56) discusses a Key Man insurance proposal with Nelson Mulligan (center) and son Patrick. The senior Mr. Mulligan is owner of the world's largest Mercury dealership.

Norm Masters took six months off for football, yet sold \$1,000,000 of life insurance last year.



Professional football's long season means a short selling season for Norm Masters. Six months of the year, he plays tackle for the Green Bay Packers. But how Norm sells during the other six months! Between January and July of 1963, for example, he sold \$1,000,000 of New England Life insurance—more than the average agent sells in a year.

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NEW ENGLAND LIFE

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APPRENTICE

These young men are preparing for important careers with General Motors. Under the GM apprentice plan, they are learning the diemaker's skills. Once they have mastered this craft—and it will take them four years (8,000 hours) of on-the-job training and classroom study—each will be a skilled journeyman, qualified to make the complex dies, jigs and fixtures so vital to modern industry.

This year, 2,753 General Motors apprentices are being trained for this and other trades—more than 30 in all. They are learning to be pattern makers, pipefitters, bricklayers, toolmakers, diesinkers, electricians and millwrights, to name a few. From the time they start training they are paid good wages on a regular rising scale.

At the conclusion of their four-year courses, apprentices will have gained skills that will serve them well throughout their working careers. They are free, of course, to work anywhere they wish—but most stay with GM. We're glad of that. We need them. Talented people are indispensable to General Motors.

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