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WISCONSIN
Alumnus

FEBRUARY 1960

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for Founders Day:

*A Special Report on
The Future of the University*

See page 10

EXPLORER VI

IS A

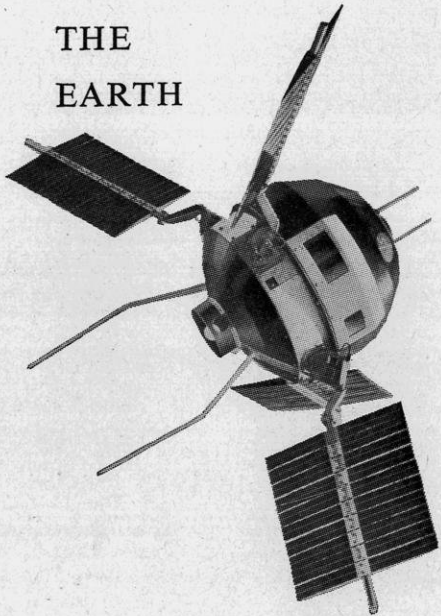
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University of Wisconsin Calendar February 1960

- 1 *Instruction begins* (2nd semester)
- 1- 5 *Management Institute*, Human Relations Techniques, Wisconsin Center, fee \$50, attendance 28.
- 2- 4 *Management Institute*, Leadership Skills for Insurance Company Supervisors, Wisconsin Center, fee \$50, attendance 28.
- 4- 5 *Child Care Seminar*, Wisconsin Center, attendance 30.
- 4- 5 *Indoor Track Meet*, Memorial Building, 4 p.m., admission 75¢.
- 5 *All University Boxing*, Field House, 8 p.m., admission \$1.00 (ringside seats), 75¢ (general).
- 6 *Basketball*, Wisconsin vs Indiana, Field House, 1:30 p.m., admission \$1.50.
- 6 *Concert*, Luboshutz and Nemenoff, duo-pianists, Wisconsin Union Theater, 8 p.m., admission \$3.00, \$2.50 and \$2.00.
- 7 *Faculty Recital*, Lois Fisher, mezzo-contralto, Music Hall, 8 p.m.
- 8 *Farm Short Course*, 3rd term, opens.
- 8 *Lecture*, "Only in America," Harry Golden, Wisconsin Union Theater, 8 p.m., admission \$1.00 (Union members), \$1.50 (non-members).
- 8 *Basketball*, Wisconsin vs Ohio State, Field House, 8 p.m., admission \$1.50.
- 8 *Madison Education Association Dinner*, Great Hall, Wisconsin Union, 6:30 p.m.
- 9 *Swimming*, Wisconsin vs Illinois, Armory Pool, 7:30 p.m., admission 50¢.
- 9-10 *Lake States Forest Insect Survey Conference*, Wisconsin Center, attendance 25-35.
- 10 *Lecture*, "The Near East in Europe—Action and Reaction," Prof. Philip K. Hitte, emeritus professor of Semetic literature, Princeton University, Wisconsin Center, 8 p.m.
- 11 *Adventure Film Series*, "White Flight," skiing with John Jay, Wisconsin Union Theater, 8 p.m., admission \$1.00.
- 12 *Concert*, Robert Shaw Chorale and Orchestra, Wisconsin Union Theater, 8 p.m., admission \$3.75, \$3.25 and \$2.75.
- 12 *Boxing*, Wisconsin vs Idaho State, Field House, 8 p.m., admission \$1.00.
- 13 *Fencing*, Iowa and Michigan State, Memorial Building, 1 p.m.
- 13 *Indoor Track Meet*, Iowa and Northwestern, Memorial Building, 1:30 p.m.
- 13 *Wrestling*, Wisconsin vs Purdue, Field House, 2 p.m.
- 13 *Swimming*, Wisconsin vs Purdue, Armory Pool, 2:30 p.m.
- 14 *Concert*, Pro Arte Quartet, Music Hall, 8 p.m.
- 17 *Rotary International Dinner*, Great Hall, Wisconsin Union, 6 p.m.
- 17-19 *Engineering Institute*, Highway Engineering, Wisconsin Center, attendance 25, fee \$25.
- 18 *Post Graduate Course*, Recent Advances in Therapeutics, Wisconsin Center, attendance 75.
- 18&20 *Concert*, Victoria De Los Angeles, soprano, Wisconsin Union Theater, 8 p.m., admission \$3.75, \$3.25 and \$2.75.
- 19 *Southern Wisconsin Education Association*; morning meetings at Orpheum and Capitol Theatres; sectional meetings in afternoon, Wisconsin Union and Wisconsin Center, attendance 6,000.
- 19 *Management Institute*, Personnel Management, Wisconsin Center, attendance 40, fee \$20.
- 19 *Boxing*, Wisconsin vs Washington State, Field House, 8 p.m., admission \$1.00.
- 20 *Fencing*, Indiana and Chicago, Memorial Building, 1 p.m.
- 20 *Basketball*, Wisconsin vs Illinois, Field House, 1:30 p.m., admission \$1.50.
- 20 *Wrestling*, Wisconsin vs Northwestern, Field House, 3:30 p.m.
- 21 *Lecture*, "The Eclipse of the Trinity," Frank Sheed, publisher, New York, Great Hall, Wisconsin Union, 3:30 p.m.
- 21 *Faculty Recital*, Leo Steffens, pianist, Music Hall, 8 p.m.
- 22-24 *Management Institute*, Modern Leadership Techniques, Wisconsin Center, attendance 25-30.
- 23 *Management Institute*, Financial Management, Wisconsin Center, attendance 50, fee \$20.
- 23-25 *Management Institute*, Traffic Management, Wisconsin Center, attendance 28, fee \$50.
- 26 *Wrestling*, WIAA State Meet, Field House, 1:30 and 7:30 p.m.
- 26 *Student Recital*, Jess Anderson, Music Hall, 8 p.m.
- 26-27 *State Debate Contest* of the Wisconsin High School Forensic Association, Wisconsin Center, attendance 100.
- 27 *Wrestling*, WIAA State Meet, Field House, 9:30 a.m. and 1 p.m.
- 27 *Indoor Track Meet*, Air Force Academy, Memorial Building, 1:30 p.m.
- 28 *Cadenza Club Scholarship Concert*, Music Hall, 8 p.m.

About the Cover

Excavating on Bascom Hill for sewerage facilities in the new addition to the Law School—another sign of a growing University!



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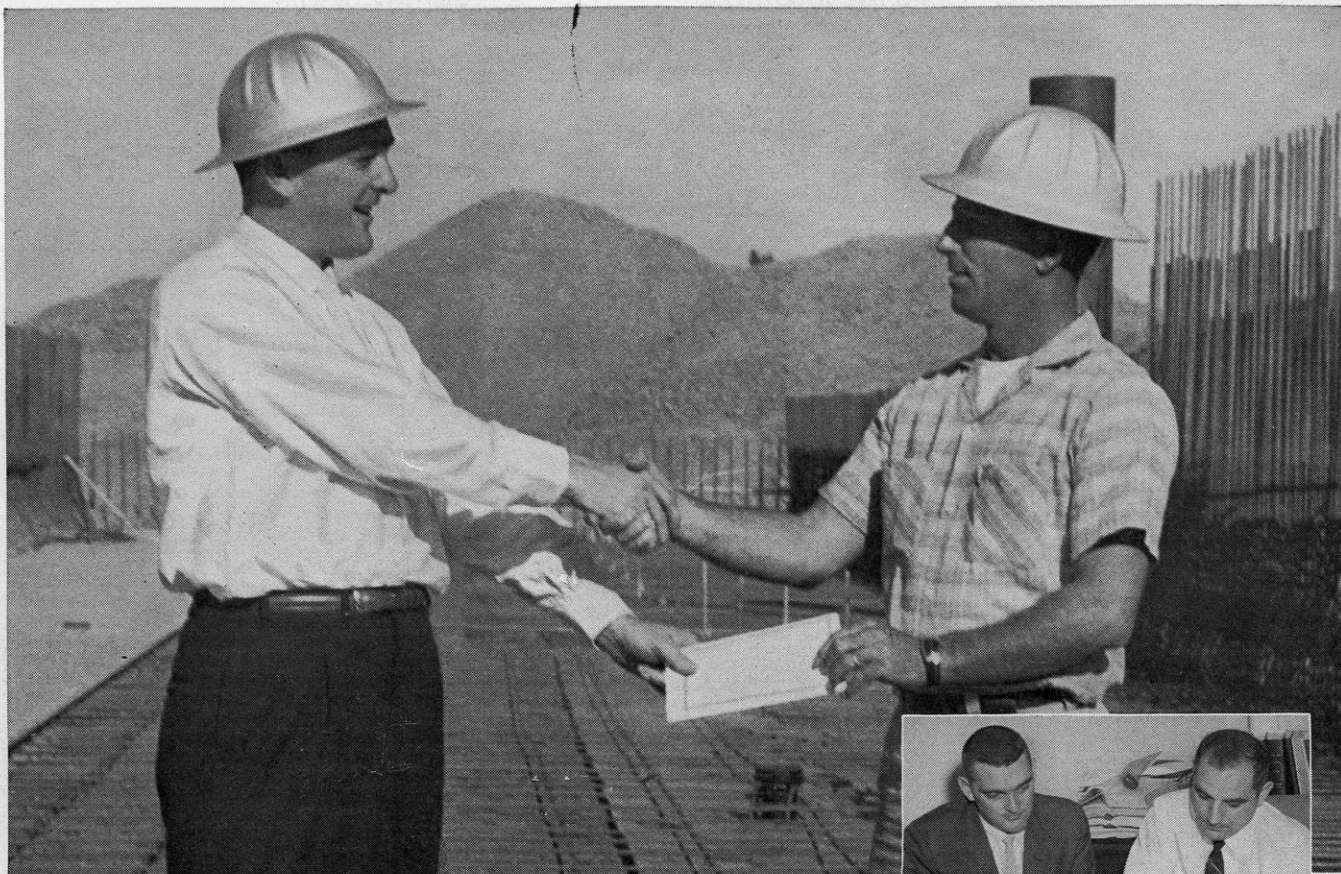
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Bill discusses contract with Camblin attorney George Paras. The company owners, Mr. & Mrs. Camblin, are enthusiastic about their corporation coverage, and will continue to use Bill's services to meet the needs of their expanding business interests.



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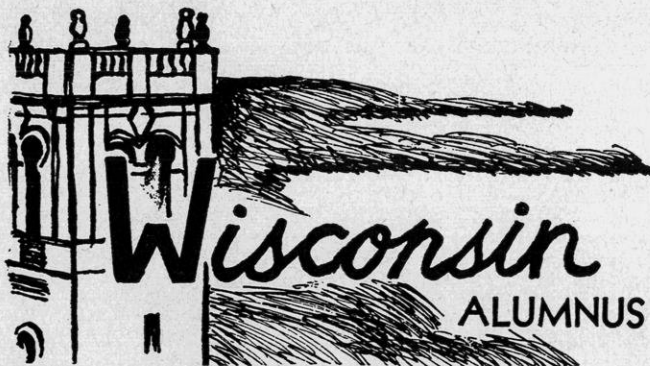
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Wisconsin Alumnus, February, 1960



Official Publication Wisconsin Alumni Association

Volume 61 FEBRUARY, 1960 Number 10

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Keeping in Touch with Wisconsin

This month loyal Badgers from Finland to the Philippines will celebrate the 111 birthday of the University of Wisconsin. Founders Day meetings will commemorate this event with appropriate programs and ceremonies.

Wisconsin's first class, with only seventeen students, met on February 5, 1849, in rented quarters in the Madison Female Academy. This was the official home of the University of Wisconsin for three years until North Hall was built at a cost of \$19,000. Today's buildings on the Madison Campus have an estimated value of over \$90,000,000.

Founders Day meetings offer alumni an excellent opportunity to get information about our University's needs, problems and achievements. These meetings also offer an opportunity to implement the active support which Lieutenant Governor Philleo Nash, class of '32, emphasized in his convocation address to mid-year graduates last month.

"Today when we look to the matters of the University and of the State, I would bring you more than congratulations and good wishes from the government and people of this great state, although I do that very happily. I would go further than that and say that it is up to the government, to the Executive, to the Legislature of the State of Wisconsin to provide the where-with-all for all forms of education, elementary, intermediate, and higher education. Such measures as this will provide Wisconsin's contribution to the national defense and to the present and future well-being of the state.

"And to you as graduates going out from this University today, I say to you call on your government, your State government, to do its duty, however hard the road. Do not shirk from supporting these activities in your own way and in your own communities as citizens and as alumni of the University of Wisconsin. Your active support will help the University to continue its importance and great growth."

In his message to the first group of graduates from the class of 1960, Lieutenant Governor Nash emphasized again

the importance of alumni support which President Elvehjem asked for in his inaugural address:

"Every Wisconsin alumnus has received what is, in effect, a scholarship. Roughly one-half of the cost of his education was paid for by others through the appropriation of tax funds to meet the cost of his instruction. Thus I believe we alumni owe a little more than anyone else to the support of our University. Those of us who have followed the growth of our University know from first-hand experience that it is the support from you alumni that has added luster to the University."

Connie's message to his fellow alumni makes it crystal clear that anything I say in this Founders Day message cannot over-emphasize the need for effective alumni support in keeping the University of Wisconsin in the top ten among American Universities. It's our job as Wisconsin alumni to provide this support.

Your fellow alumnus, Vernon W. Thomson, made this very clear in his Founders Day address in Milwaukee on February 7, 1957. Said Gov. Thomson:

"Those of us in public office expect you alumni to believe in, support, and if necessary, fight for your beloved Alma Mater. If you didn't, we could well ask 'If the graduates aren't concerned about the University's welfare, why should we be?' You are its emissaries—its ambassadors."

In language quite different, I found this idea expressed in these words in a recent issue of *SPORTS ILLUSTRATED*. The article told how a thousand angry Arizona citizens routed the Department of the Interior in preserving Tucson's Desert Museum. In a fervent plea for this project, one of its supporters said "there is a special place in hell for those who won't get out and fight for what is theirs."

This is the first time I've heard about this "special place in hell", but somehow the idea intrigues me. If this "special place" ever publishes a directory, I hope it will not include the names of any Wisconsin alumni.—John Berge, Executive Director



Donald W. Douglas, Jr., President of Douglas, discusses the ground installation requirements for a series of THOR-boosted space probes with Alfred J. Carah, Chief Design Engineer

The care and feeding of a missile system

It takes more than pressing a button to send a giant rocket on its way. Actually, almost as many man-hours go into the design and construction of the support equipment as into the missile itself. A leading factor in the reliability of Douglas missile systems is the company's practice of including all the necessary ground handling units, plus detailed procedures for system utilization and crew training. This *complete* job allows Douglas missiles to move quickly from test to operational status and perform with outstanding dependability. Current missile and space projects include THOR, ZEUS, DELTA, ALBM, GENIE and others of vital national importance.

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GROUND SUPPORT EQUIPMENT

Regents Vote to Keep Compulsory ROTC

The Regents' January meeting in Madison covered questions that have great significance to the University and the nation.

Meeting as a committee of the whole on Friday, January 9, the Regents heard and participated in a debate which was centered around the question of whether the University should continue its present policy of compulsory ROTC for all eligible male students in their first two years of school or make ROTC completely voluntary on a four-year basis. (Of the three Armed Service ROTC programs at the University, only the Navy program is completely voluntary.)

Prior to the Regents' meeting, an ad hoc committee appointed by Pres. Elvehjem had studied the ROTC question and recommended to the Regents that the present University policy of compulsory ROTC should *not* be continued and that, effective September, 1960, a revised Army-Air Force ROTC curriculum be phased into operation, after appropriate concurrence by the schools and colleges of the University and the respective Service Secretaries. The faculty committee also recommended that all eligible male freshmen be required to take an ROTC orientation of no more than six class hours.

Speaking for the Army at the committee of the whole meeting, Col. Josef Prall stated that both the Secretary of the Army and the Army's Chief of Staff feel that the compulsory ROTC program is essential to national defense. Col. Prall, reading a prepared statement, said that if the ROTC program was placed on a voluntary basis, the resulting attrition in the enrollment for Army ROTC could prove to be so great that the University might not be able to meet its Department of the Army requirement—this might well mean a dropping of the University's contract. He closed his statement by asking the Regents to defer action on the question until a later date when the Army will have had an opportunity to make the necessary staff studies and legislative adjustments to accommodate the curriculum recommended by the faculty.

Fred Harrington, Vice President of Academic Affairs, then explained the University administration's position. Harrington pointed out that not all of the persons in the military favor a compulsory ROTC. "The basic position of the Department of Defense," Harrington said, "is one of 'institutional autonomy'—that is, the determination of policy is left up to the institution concerned."

Carlisle Runge, dean of the Law School and chairman of the ad hoc committee, spoke next and indicated that the program worked out by the University is within the Federal statutes and is in agreement with a recent Continental Army Command (CONARC) study. "It is, in fact, somewhat better," he said, "because it provides for more hours of student contact."

The discussion continued as representatives of the faculty and student body expressed their opinions. Prof. H. Edwin Young said that the faculty was not trying to assume the position of being anti-militaristic but that it was anxious to provide a mechanism for the training of professional officers which would contain the least amount of inefficiencies. Matt Iverson, vice president of the Wisconsin Student Association, felt that the real issue was whether the 2 years of basic ROTC were worth while or not. The discussion closed after those concerned and present had an opportunity to express their varied opinions.

With only six members present at their formal meeting on Saturday, the Board of Regents voted to suspend their by-laws and take a mail vote on the ROTC issue. The mail vote was instituted because the Regents felt that they should have full representation on such an important question. Those Regents present regretted the fact that the absent members had neither an opportunity to hear the discussion nor to express their own points of view.

The mail vote resulted in a 5-5 tie which, for the present, means that compulsory ROTC will be retained in the University's curriculum.

On another controversial issue, the Regents voted to receive and file the faculty report on the National Defense Education Act of 1958 which provides funds for loans to any individual who executes and files a loyalty oath and affidavit. The faculty is opposed to the affidavit provisions of the Act but has not gone on record against the oath.

Because they have already cited their position in a resolution which condemns both the oath and the affidavit provisions of the Act, the majority of the Regents felt that the only thing that would be consistent with their previously stated position would be to accept and file the faculty report without official comment. Regent Arthur DeBardeleben, Park Falls, said that, "Both the oath and the affidavit invade the privacy of belief, both suggest a fettering of inquiry by subjecting thoughts and beliefs to restraints and restrictions."

When the question was called, Regents Wilbur Renk, Sun Prairie; De Bardeleben; Charles Gelatt, La Crosse; and Harold Konnak, Racine; favored the acceptance and filing of the report while Regents Carl E. Steiger, president of the Board of Regents, Oshkosh; and Robert Bassett, Milwaukee were opposed.

In other actions, the Regents accepted a million dollar grant from the Ford Foundation for the support, over a period of approximately five years, of a program of urban research, education, and extension. For purposes of planning and administering this program, the President will appoint a committee representing the major branches of the University, and specifically including representation from the University of Wisconsin-Milwaukee; the Social Studies Division; the General Extension Division; and the Agricultural Extension Division.

Another important grant came from The Johnson Foundation, Racine. They donated \$15,000 to assist in establishing an Institute for World Affairs in Education at the UW-M.

At their February meeting, the Regents will engage in a discussion of the future of the University.



... a hand in things to come

Reaching into a lost world

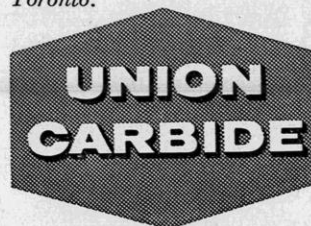
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... a hand
in things to come

A Special Founders Day Report:

*On the following pages, three key figures
in the future development of the University discuss
the problems which must be met as Wisconsin faces
the coming surge of enrollments*

Balanced Progress: Key to the Future

A UNIVERSITY is an integral part of the society it serves, and thus reflects society's needs and goals. Because of its unique role as intellectual leader of its society, it must anticipate trends and prepare for them well in advance. Because it also has responsibility for preserving and enhancing society's values and quality, balanced progress must be its ideal.

Changes our society works on the university are mainly transmitted through the faculty, and thus whether these changes are for the best depends, to a great extent, on the quality and judgment of the faculty. Faculty quality is the most important factor in the quality of instruction, research, and service programs. In short, the reputation of the University of Wisconsin depends on the reputation of its faculty.

Our method of faculty selection and promotion and our faculty's place in determining educational policies will serve us well in the future progress of the University. But beyond that, we must continue to improve the attractiveness of Wisconsin for great scholars. The improvement should come particularly in the areas of adequate compensation, suitable working quarters, and unrestricted research support.

excerpts from the President's
biennial report

by Conrad A. Elvehjem

President, University of Wisconsin

Improvement of instruction, particularly at the undergraduate level, and achieving better balance in research support were the twin goals of the last biennium and the continuing stress for the future.

Almost every force influencing University development in recent years has pressed toward progress in the natural sciences. Popular interest in new "things", the defense needs of the nation, the relative ease with which funds for research in the natural science could be obtained, and Wisconsin's traditional strength in this area all have combined to swing our research programs out of balance.

To counteract this trend, a studied, well-planned program to maintain comparable progress in other research areas—the humanities and social sciences—has been undertaken and considerable headway can be reported; for example, the University has recently established the Institute for Research in the Humanities, a specialized program for Hu-

manistic India Studies, and the Communications Research Center.

Although the functions of the University generally are grouped into teaching, research, and public service, there is no definite line between these functions for the three are closely inter-related, mutually supporting and enriching.

The basic service the University provides society is developing knowledge and making it broadly available and useful. This service is carried on through formal instruction, through research, and through a number of special agencies generally classified in the public service and extension category. Wisconsin's pioneering in public service gained for it national leadership in this line of endeavor, and the idea of making knowledge broadly useful beyond the limits of classrooms was dubbed the Wisconsin Idea. In its earliest sense, this term applied to the cooperative work between the University and other state agencies, primarily the Legislature, in the formation of important social laws and regulations of broad benefit to the people of Wisconsin. Later, the Wisconsin Idea concept was broadened to include a wide range of public services.

In an address on our campus, Dr.

Grayson Kirk, president of Columbia University, alumnus and former faculty member of Wisconsin, has suggested:

"What we need now is an extrapolation of that Wisconsin Idea to meet the needs of modern times. The Idea, so useful a generation ago in the University-State relationship, can become a relationship between all our educational institutions and the world. This might, just might, solve the great and portentous problems facing mankind."

Looking toward the future, several questions face us with respect to the development of University facilities. How big? How fast? Where shall we expand? Although the "birth rate bulge" is still ahead of us, enrollments at the University have already begun to climb to new records. In 1958-59 they totaled 24,047 with 17,191 on the Madison campus, 5,191 at Milwaukee, and 1,711 at the eight Extension Centers. This year, 1959-60, the total has grown to 25,378 with 18,138 in Madison, 5,332 at Milwaukee, and 1,908 at Extension Centers.

Another factor to be considered in future planning is even more difficult to gauge. The accelerating expansion of knowledge, the growing complexity of society's problems, and our increasing dependence on technology will create a continually increasing need for facilities devoted to research, to new instructional fields, and to new services of a type which only a University is equipped to provide.

The Coordinating Committee for Higher Education, with the help of its staff, has developed enrollment projections, estimates of other expansion pressures, and, ultimately, a formula by which these can be translated into square footage and dollar terms. Because of the many assumptions on which the final figures are based, no one can claim infallibility in such estimates, but on the University's part, it is interesting to note that dollar figures arrived at by these methods coincide with the total of figures developed independently by each of the colleges, schools, and departments

which have been asked to measure their present needs and estimate their future ones.

The Regent Committee on the Future of the University agrees that, because of the nature of non-instructional facilities, no limitation on the expansion of such facilities need be considered; and they hesitate to establish, even for long-range purposes, a ceiling on the size of enrollments to be accommodated on the Madison campus. However, to preserve present efficiency in the use of buildings, the Regents agree that no expansion of instructional facilities should be contemplated beyond the point at which the interval between classes would have to be lengthened to allow for travel between distant buildings.

What limits such a rule might place on Madison enrollments would depend largely on how intensively the "close in" areas of the campus are utilized for building. It is felt that the campus, held to the above restrictions, can accommodate between 25,000 and 30,000 students.

It is our feeling that the ultimate size of the enrollment will not be as important a factor in maintaining the kind of quality of University education as will be the rate of growth. The deans have informally agreed that, granted the staff and the facilities, the University can handle over-all enrollment increases as high as 10 per cent per year without impairing the quality of University offerings or causing serious administrative problems. It is also agreed that in some fields, a 10 per cent annual enrollment increase cannot be accommodated, while in others, the percentage can range somewhat beyond that figure.

It can be said, quite accurately, that the University, as it looks to the future, looks with optimism and eagerness.

The future means change, and the University of Wisconsin, despite its fondness for tradition, always has welcomed the opportunity to move in new directions, try new ideas, and overcome new challenges.

The future means growth; growth is a product of life, and Wisconsin has always prided itself in its living, growing University.

And the future means many more opportunities to serve, in the Land Grant tradition, and thus broaden the usefulness of higher education. One of the basic purposes of a state university is problem-solving. The strength of the University of Wisconsin is due in no little measure to its long history of accepting the problems of its State and Nation, examining them, and searching for solutions.

Now the University is faced with problems it feels uniquely competent to solve:

- ★ Offering the highest quality education to an increasingly larger number of young people eager for it;
- ★ Providing trained talent in greater and greater amounts to a society requiring more and more leaders and experts;
- ★ Exploring the unknown in a world where such exploration becomes a race for national survival;
- ★ Keeping those "on the job" abreast of the newest developments in an era when change becomes normal and the pace of change is constantly quickened;
- ★ Obtaining increasing support from non-tax sources.

Confidence in the power of education, freedom and willingness to experiment, a strong core of scholars and scientists, and a graduate program that promises continued replenishment of its faculty—these things and many more are the elements in the University's optimism about the future.

Wisconsin is aware, however, that to turn the challenges of the future into opportunities for progress, strong and generous public support is fundamental, and such support requires a broad understanding of the purposes, the goals, and the problems of the University.

The University: A Harmony of Ideas and Stone

ANY PLAN for the future physical development of the University of Wisconsin should be a flexible plan, designed to meet the demands of change. In plotting the future development of the University, the Campus Planning Committee has been governed by certain principles which we feel are paramount to the logical progression of the University's facilities to meet the demands of the future. Our present planning is largely general in scope and should not be considered as far along as the "site development" or "blueprint" stages. Because we want to remain flexible, our current thinking on the project should be regarded as possessive of physical growth objectives, principles, and policies as applied to the anticipated needs of the University.

We believe that any definitive plan for the University must contain the factors that we have outlined in our Sketch Plan for the development of a general campus plan which was published less than a year ago. In this article, I will try to outline those principles briefly.

One of the planning principles guiding the Sketch Plan was to utilize the natural beauty of the site of the University of Wisconsin, making sure that new buildings will enhance the setting and will be appropriate to the space they are to occupy. The environment of the University is made beautiful or ugly not only by its original natural site, but by the continuing utilization of this site; by the three-dimensional relationship between its buildings in their height and mass; by the landscape treatment of spaces between buildings, both in planting and paving; by the architectural treatment of the buildings, by the careful alignment of streets, roads, and walks; and by the design and location of such features as signs and notices, lamps, benches, street directions, and utility poles. Because the University of Wisconsin represents the advanced educational thinking of the day, its new

by Kurt F. Wendt

Dean, College of Engineering

physical facilities should reflect the advanced architectural thinking of the day.

To insure that the University does not spread unnecessarily, it should be prepared to express itself as an entity by means of a coordinated and coherent layout which results in efficiency of movement and use of space. In order to meet the needs of the expected increase in enrollment, faculty, and staff, the physical facilities of the University must be improved and expanded. Current estimates, based on the present rate of growth and the continuation of present admission policies, place the projected Madison enrollment for 1970 at 30,000 students or greater. Based on that projection, classrooms, laboratories, offices, and service facilities will have to be increased by 75% by 1970.

Studies by the Department of University Planning and Construction have shown a marked concentration of University oriented activities in the area bounded by Francis Street, Dayton Street, Park Street, Regent Street, Lathrop Street, University Avenue, and the present campus. In this area, the University currently has definite vested interests such as the College of Engineering (presently located south of University Avenue), the old and new heating plants, the Field House, Stadium, Memorial Practice Building, and various properties owned by the Regents and building corporations affiliated with the University.

In order to provide a compact campus with efficient functional relation of academic land use and subsidiary land uses, and to obtain the maximum utilization of land for the required expansion of the University, the University must continue to develop and improve

facilities on the existing campus and expand south of University Avenue. The proposed academic land use south of University Avenue totals 54 acres—this does *not* include streets but does include such existing academic land as the engineering campus. By comparison, the existing main campus from Babcock Drive to Park Street has 56 acres in academic use. Future planning stages will refine the proposed land uses in the expansion area.

In preparing a campus plan, a system of orderly, functionally related activities must be developed in order to obtain the most efficient use of space and resources. Such a system consists of areas of varying densities. These areas must meet and provide for two conditions: areas where physical facilities are developed in proportion to the number of students using such facilities; and areas of particular functional relationship of land use such as the College of Letters and Science, the College of Engineering, the College of Agriculture, etc. Generally, three areas of varying densities are proposed. The high density is the area of maximum general purpose classrooms, multipurpose facilities, and highest concentration of University population; the medium density is the area of more specialized facilities, some professional institutions, and a lower population concentration; the low density is the area of the most specialized facilities and the lowest population concentrations. This density system provides a spatial reserve for future expansion needs (e. g. a low density area could be expanded to a medium density area, etc.).

At the present time the University is experiencing serious circulation problems, both pedestrian and vehicular. With an expanding University population, the conflict of pedestrian and vehicular circulation will increase unless remedial measures are undertaken. To provide for safe and unhampered pe-

Wisconsin Alumnus, February, 1960

destrian circulation, new greenways, (planted walkways restricted to pedestrians) should be constructed in strategic locations.

Based on forecasts and the present use of automobiles in and around the University area, an addition of 2,500 parking spaces will have to be added by 1970 if we are to accommodate a student enrollment of 30,000 and an estimated faculty and staff of over 8,000.

Another aspect of the transportation problem is the University bus system. Current operations on the campus have shown a marked increase in the number of passengers carried over the past few years. Indications are that additional bus service is necessary to handle current loads, even though the present peak load capacity is only in one direction during any one period. With the expansion of the University, an extended bus service will be required, and it must be a service that will be operated efficiently with balanced loads in both directions of the bus route.

In its assessment of the future, the University must be prepared to provide within the planning area such non-university operated service facilities as are needed to meet the requirements of a large student, faculty, and staff body. The expansion of the University south of University Avenue will displace many residents with direct interest in the University. A large proportion of these residents will relocate in the surrounding area in a continuing effort to locate close to the University. Similarly, certain commercial facilities will relocate in this area. Consequently, definite housing and commercial pressures will be exerted and there is every reason to expect this area to repeat the trend of conversion to rooming houses and similar conditions characteristic of the area surrounding the present campus. In other words, such blighting features as overcrowding and mixed, incompatible land uses will merely spread out as the University expands unless proper restrictions can be

enforced. Therefore, any planning for the University must consider development in this surrounding area.

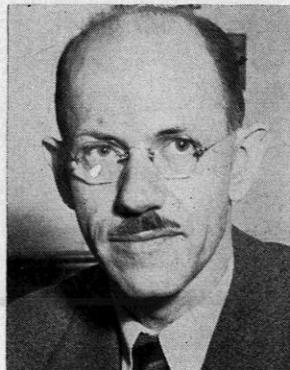
For that reason, it is urged that a City-University Joint-Planning Area or University District be established to combine the resources of the University and the City in studying the problems created by pressures on land use in this area; to cooperate in preparing plans for the prevention of any blighting influences (e. g. the possibility of preparing Urban Renewal Plans for the area); and to cooperate in the preparation of circulation plans to alleviate traffic problems.

These are only some of the areas of consideration which confront us as we plan for the future of the University of Wisconsin. Our plans may be modified as the realities of their implementation dictate but, regardless of the problems and contingencies, we must be prepared to make the future University of Wisconsin as great as its present-day counterpart.

These are the contributors to this special issue:



Conrad A. Elvehjem



Kurt F. Wendt



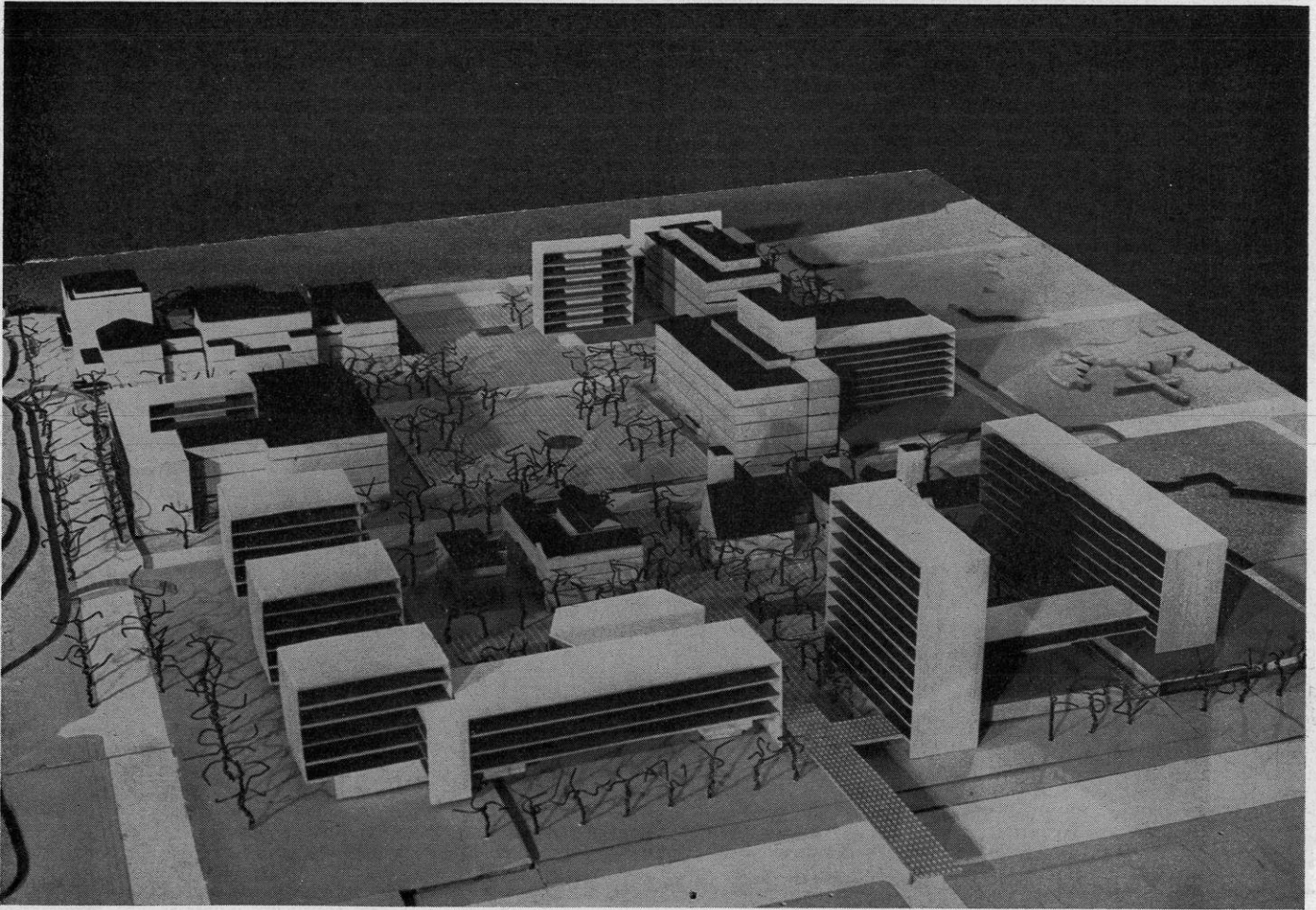
Leo Jakobson



Pictured above, and bordered in white, is the lower campus area as it appears today; the picture on the right is a model of the projected future development of the lower campus area. As is obvious from the model, many of the existing buildings which now characterize the area will be razed to make way for an expanding university. Only such familiar landmarks as the Memorial Union, the State Historical Society, the University Club, the Library School and the churches on lower State Street, the Memorial Library, and the Wisconsin Center will remain as the University of Wisconsin solidifies its position as one of the nation's greatest. The new Alumni House will be located in the upper right hand corner of the rectangle.

The Lower Campus: Gateway to the University

Future street scenes in
the development plan
for the Lower Campus



WITHIN THE FRAMEWORK of the long range campus planning program it is contemplated to develop, in addition to the General Plan, a series of detailed Area Plans for various functionally related and identifiable sections of the campus.

The purpose of these Area Plans is to provide the development and design framework for the entire group of buildings to be constructed in the area and to provide a cohesion of function and design through the regulation of land use and circulation patterns, building heights and masses and their architectural treatment, and the formal and informal landscaping of open spaces, paved or unpaved.

In the following, I will try to summarize the various background studies, analyses and decisions which were made

by **Leo Jakobson**

Institutional Planner

during the process of developing the first of such area plans for the Lower Campus.

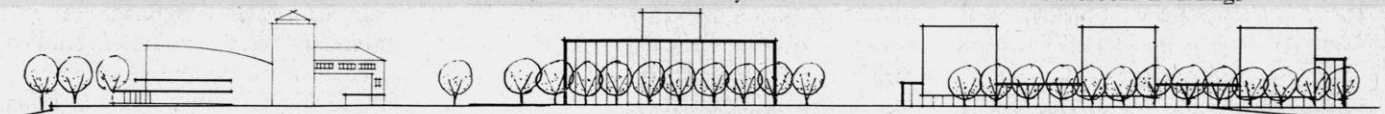
Historically, the Lower Campus has been defined as the area bounded by Lake Mendota on the north, Lake Street on the east, University Avenue on the south and Park Street on the west—forming the eastern limits of the Madison campus. In this area the University has grown among a variety of land uses, private and public, as compared to the singularity of University development on Bascom Hill and also the Agriculture campus to the west. The mixture of

land uses is partly responsible for the diversity in character of the University functions in the Lower Campus Area which include a large range of activities serving the entire University and also many groups originating beyond the academic field. Included in the area are facilities for instruction, e.g., the Music Annexes and the Library School; for research, e.g., the Memorial Library and the State Historical Society Library; for social service, e.g., the Memorial Union and the University Club; for public service, e.g., the Wisconsin Center; and for administrative functions. Also located here are religious service facilities, recreational facilities (the 'Red Gym', boating and swimming, etc.) and commercial service facilities. Since the area provides such a multitude of functions, most of which generate a large volume

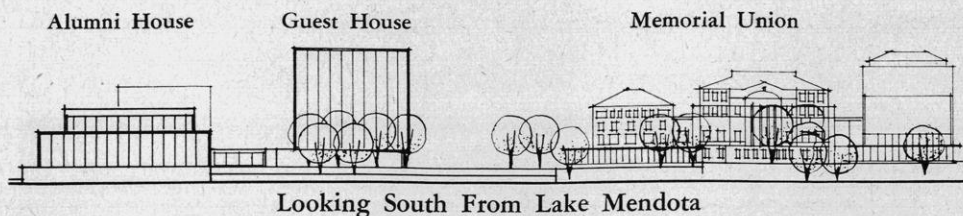
Memorial Union

State Historical Society

Classroom Buildings



Park Street Looking East



of pedestrian circulation, it acts as an intercommunications focal point. It provides the transitional link between study and extracurricular activity, work and residence, University, city, and region.

During the preparation of the plan a series of fundamental decisions had to be made and long range objectives established. These evolved out of the study of various planning considerations, e.g., functional analysis of the relations of the Lower Campus to the University as a whole; land ownership and cost; desirable intensity of development; land use patterns and interrelations; projections of space needs; city and campus circulation problems; utility locations; etc. In order to comprehend the plan in all of its aspects, it seems appropriate to mention a few of these decisions.

First of all it was obvious that since the Lower Campus has developed as the administrative, library, public and social service center of the University, these types of uses should be maintained, expanded and improved along with a limited amount of additional instructional facilities containing a high percentage of all-purpose classroom space. In conjunction with this it was felt that the three religious student centers on State Street should be retained as University oriented social service facilities. Also, the University Club and the Library School building should remain although these structures might be replaced at a later date. It was further decided that the intensity of the proposed uses had to be relatively high in order to balance the high cost of land in this area. This meant that the creation of any open space within the area had to be compensated in the form of high buildings with elevator service.

As traffic and parking demand are functions of land use and its intensity, the Lower Campus Area is the largest traffic generator, both vehicular and pedestrian, of any functional sub-areas of the University campus. This in itself would not be a cause for concern and a

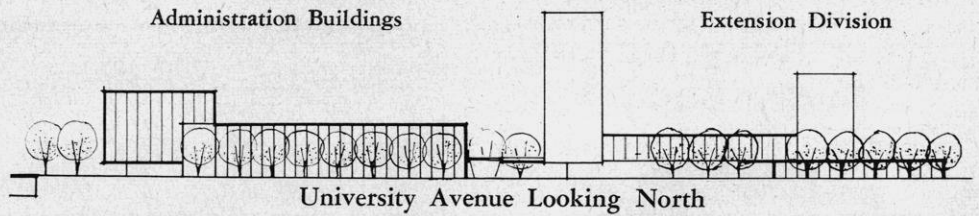
serious problem if the vehicular movement pattern in the area would not be complicated by a number of outside factors, i.e., the proximity of this area to Madison's Central business district, the geographic locations of Madison in general and the location of the University within the city in particular, the topography of adjacent Bascom Hill, etc. Furthermore, no final decisions have yet been made for the ultimate development on the city's main east-west artery, University Avenue, although several alternative solutions, including proposals for circulation within the campus and its surroundings, are presently being studied by University planners, city officials and the city's traffic engineering consultant. In view of this it was necessary to develop a circulation pattern on the Lower Campus which would fit any of the proposed University Avenue alternatives, accommodate projected future traffic volumes and simplify vehicular movement, specially at intersections. The contemplated solution recommends alteration in Park Street, State Street, Langdon Street and Lake Street as well as the closing of Murray Street. It is proposed that Park Street be widened to permit four lanes of traffic up to Langdon Street, Langdon Street made one-way west, State Street made one-way east between Park Street and Lake Street, and Lake Street be continued one-way north between University and State Street and be made one-way north between State Street and Langdon Street. This proposal would meet the objectives set forth above.

Present parking in the Lower Campus Area is primarily accommodated on the six University parking lots and the Lake Street municipal parking lot. In addition, the municipal parking lot at Park and Johnson Streets furnishes space that is utilized by visitors and persons attending evening activities. Surveys by such groups as the Memorial Union and the Department of Buildings and Grounds indicate that the demand for parking space exceeds the current supply. The parking shortage is especially

acute for the functions of the Memorial Union and the Wisconsin Center.

Although one of the adopted development policies of the Sketch Plan stated in part, that parking should be concentrated in peripheral campus areas, the Lower Campus will be the sole exception to that rule and a substantial amount of convenience parking will be provided within and adjacent to this area. However, any parking provided in the Lower Campus Area will be high cost parking due to scarcity of land available for this purpose and high acquisition and construction costs. It is proposed that off-street parking be located in two underground parking areas; one between the Memorial Union and the Wisconsin Center, and the other in the area between State Street, Lake Street, University Avenue and Park Street. As a supplement to the proposed off-street parking within the area, additional facilities will be provided in adjacent areas. One would be an underground facility opposite the Memorial Union, west of Park Street, another would be the expansion of the Lake Street municipal lot, possibly even the construction of a parking ramp in that location, while another would be the expansion of the Johnson-Park Street municipal lot. These possibilities have been discussed on various occasions and will be studied in detail in future planning stages.

The pedestrian movement in the area is heaviest around the Memorial Union, Memorial Library and State Historical Library, crossing University Avenue at Park Street and crossing Park Street at State Street and Langdon Streets. Since the peak hours of pedestrian circulation are in the morning before classes, at the lunch hour and after classes at the end of the day, there is a serious conflict between pedestrian and vehicular circulation, notably on Park Street at the State Street and Langdon Street intersections. A further point of conflict is caused by the shopping facilities at the intersection of State Street and Lake



Street. With an increase in vehicular volume in the area and also an increase in pedestrian volume resulting from enrollment increases, the situation will become more acute.

In addition to the suggested improvements in vehicular circulation which will simplify pedestrian crossing at some of the intersections, a separation of pedestrian and vehicular movement is imperative. Therefore, three pedestrian bridges in the Lower Campus Area, one across University Avenue at Murray Street and two across Park Street linking the Lower Campus with Bascom Hill, are proposed.

In synthesizing the various analyses into the design of a physical development plan, last but not least, the following design objectives were added to the basic criteria from which the plan, as shown, emerged:

1. The perceptual impression of the area should be urban in the best sense of this expression, to symbolize the area as being the physical link between city and campus.
2. The tie-in of the random development of existing buildings that are to be retained with the proposed new buildings, while avoiding a stilted, rigid semi-classical or stylistic site plan.
3. The creation of attractive views and vistas throughout the various sites of the area and the provision of opportunities for variety, change and visual stimulus at the pedestrian level.
4. The retention of sufficient freedom for the contract architects of the various individual buildings to enable them to express their own thinking in the design of their buildings.

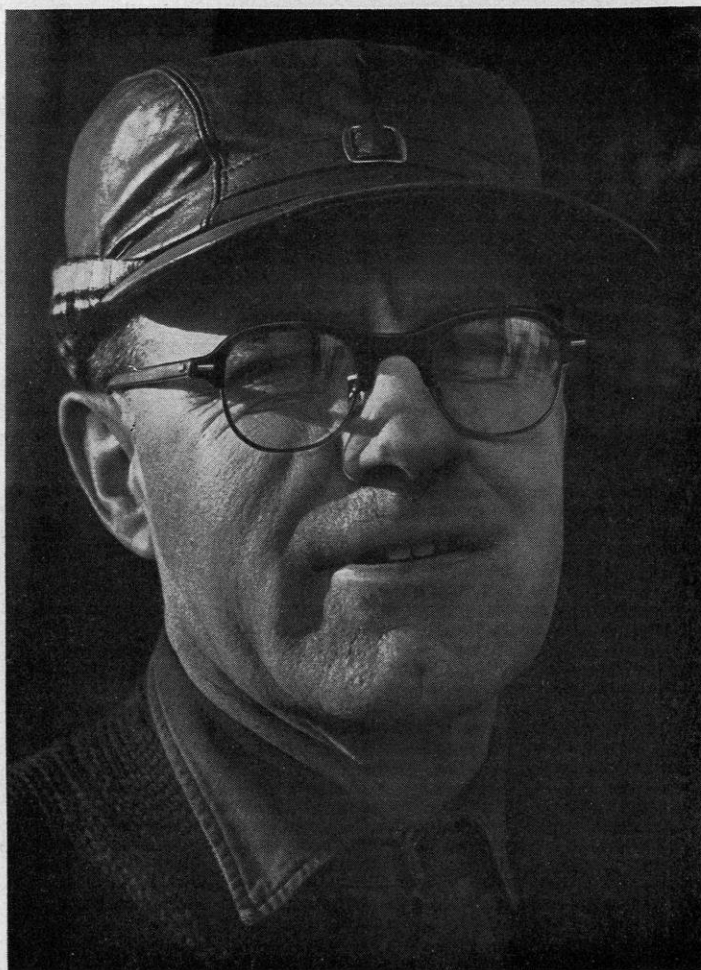
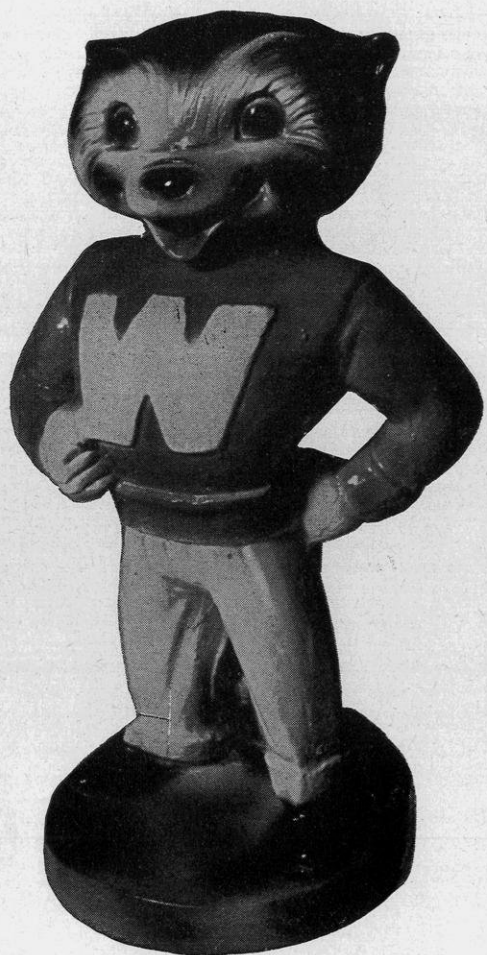
The plan envisions the development of a chain of buildings along a series of formal open space from the lakefront towards University Avenue, terminating in a highrise Administration Building. The siting of the proposed new build-

ings was organized in two ways: logical extensions or additions to existing facilities and the grouping of new facilities into functionally related units. Thus the new Administration Center is located next to the new Extension Building, the new Alumni House and Guest House area located near the Memorial Union as additions to the Wisconsin Center, the new instructional buildings are located along Park Street close to the existing instructional facilities on Bascom Hill.

The landscaping, which has been previously pointed out as serving the additional function of regulation of building masses, is an integral part of the physical development plan. The formal landscaping creates a continuous pedestrian circulation system between the Bascom Hill area and the Lower Campus, between the lakefront and the Lower Campus and between the proposed new dormitory area south of University Avenue and the Lower Campus. This is accomplished by linking footpaths and bridges with three separate interior plazas. These interior-decorative, hard-surface, open spaces not only provide the setting for the proposed new buildings, but also serve as places of assembly for people, sheltered from exterior traffic. In addition, the open space adjacent to the Memorial Union and Wisconsin Center can be used for outdoor recreation events related to these buildings. Also, in connection with outdoor recreation at the lakefront, it is to be noted that a study of the entire lakefront recreational possibilities is being prepared.

It is the intent of the proposed plan that, through a development as illustrated, a coordinated cohesive environment will be created which best serves the multitude of uses and needs of the Lower Campus and provides a proper physical setting as transition from city to university and entrance to the University of Wisconsin.

Your lucky mascot, Bucky Badger



Bucky Badger is five inches tall, with a cardinal sweater and white trousers—and a wicked gleam in his eye. Made of hard rubber and as hard to crack as the Wisconsin varsity line.

Just what the doctor ordered for your desk, mantel or recreation room. Get one for that son or daughter dreaming about following in your footsteps someday on your favorite campus. Everybody likes Bucky Badger, so order yours today.

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770 Langdon St., Madison 10

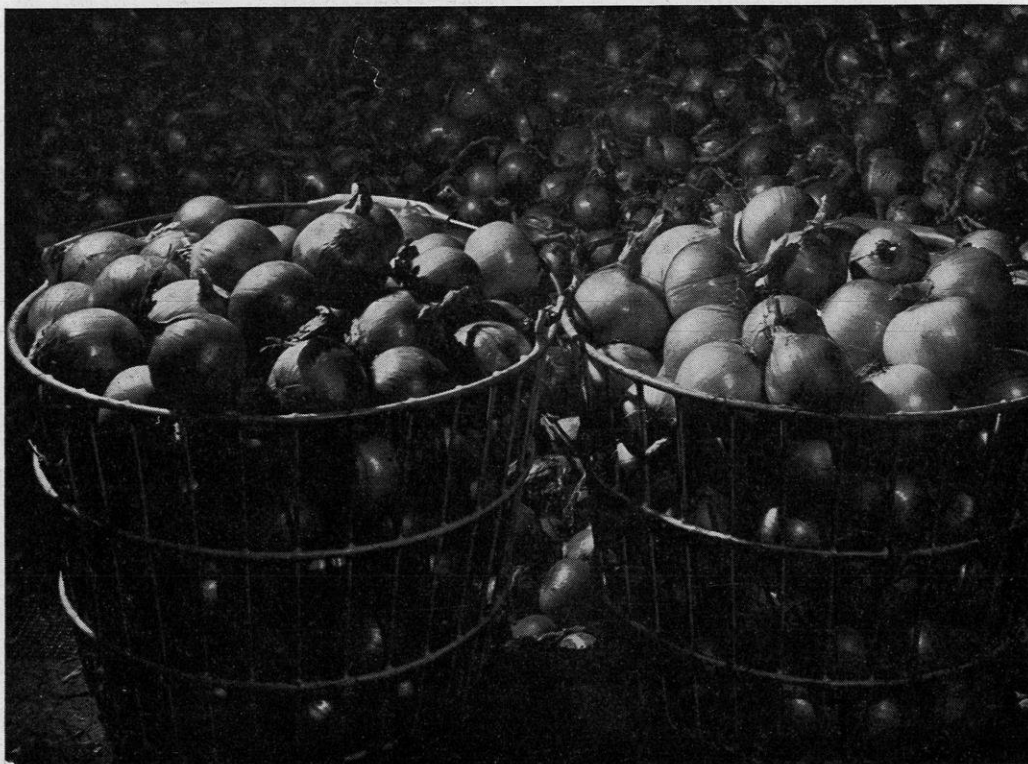
Please send me ----- Bucky Badgers at \$2 each. (Check enclosed)

Name -----

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City ----- Zone --- State -----





Onions Tell a Story About the University

LAST NOVEMBER a Wisconsin onion farmer appeared before a hearing of the Legislature's Joint Finance Committee and placed a large onion and a small one on the table.

To the members of the Committee, the appearance of onions may have seemed anomalous in a discussion of the University budget. But to farmer Dave Slinger, of Randolph, the onions were a striking way of showing the Legislature what the University is doing for agriculture.

The small onion was of the kind Dave had once grown. The large one was proof of what happens when a good farmer teams up with a great University.

Slinger can start now with better varieties of onions—varieties that give a higher yield and that keep their quality all the way from the farm to the kitchen. He has better information on fertilizers and on pest control. He can do a better job of storage and marketing. In all of these questions he draws regularly upon the skills and resources of his University of Wisconsin.

The onions, Slinger pointed out, are only one example of the kind of contribution the University makes to agriculture. Like most other Wisconsin farmers, Slinger has almost daily contacts with the University's College of Agriculture—if not directly, at least through the results of research done there.

To give only a few examples, plant breeders at the University have produced a new alfalfa variety that is far ahead of anything previously available. They have created new disease resistant oats and other small grains, improved strains of sudan grass, and corn hybrids that have brought much of Wisconsin into the high-yielding Corn Belt.

The University of Wisconsin is not simply a collection of buildings. It is an important part of the state whose name it bears. Its service to the people of the State and the citizens of the world is vital. It can continue to enrich Wisconsin as long as the people who believe in its worth continue to support it with loyalty and conviction. In many ways, every person in the State is a part of the University of Wisconsin.

Katherine Cornell returns in DEAR LIAR



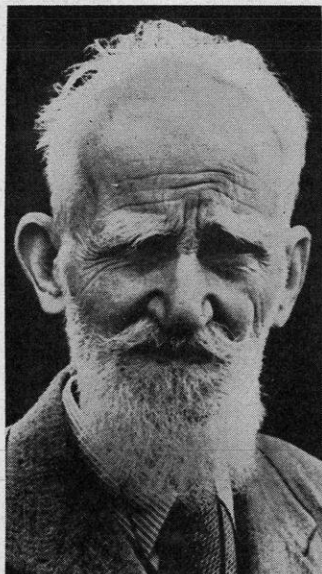
ONE OF THE great ladies of the American theatre is no stranger to the University of Wisconsin. This January, Katherine Cornell returned to the campus of the university that awarded her an honorary degree in 1936 to appear in Guthrie McClintic's production of *Dear Liar*. Miss Cornell, who co-stars in the play with the noted actor, Brian Aherne, was last seen by Madison audiences in 1953 when she starred in the production of *The Constant Wife*.

Dear Liar is a play inspired by the impassioned correspondence of George Bernard Shaw and Mrs. Patrick Campbell. Shaw and Mrs. Campbell are a striking contrast in personalities which is probably the reason for their deep attachment to each other. Shaw was always the dandy, with awesome, red eyebrows and beard that later turned to a stark white. He was brilliant, wry, egotistical, and a confirmed Socialist who often bubbled over with a wit that could be gentle or scathing, according to his mood. Mrs. Campbell possessed a sultry beauty which would smoulder until it exploded into the flame of super-charged vitality. She was casually irresponsible and maintained a roguish sense of humor which could disarm even the most calculating of wits.

Mrs. Campbell first attracted Shaw's attention in 1893 when, in the capacity of a drama critic, he praised her performance in Pinero's *The Second Mrs. Tanqueray*. Six years later, when his literary efforts consumed the greatest amount of his interest, Shaw wrote to her and asked her to star in one of his plays. Evidently he wasn't too persuasive for it wasn't until the spring of 1914 that she consented to play the role of Eliza Doolittle in his *Pygmalion*.

The letters, covering a period of forty years, reflect the individual spirit, humor, and brilliance of the correspondents, as well as their deep feeling for each other. They were compiled and edited by Alan Dent, a well-known London drama critic, and published in 1952. It is from this volume that Jerome Kilty has fashioned an adaptation for the stage.

Mr. Kilty has orchestrated the letters into a play-script that serves as an interpretation of the conflicts of the Shaw-Mrs. Campbell relationship.



George Bernard Shaw



Mrs. Pat Campbell

In the roles of Shaw and Mrs. Campbell, Mr. Aherne and Miss Cornell blend their acting talents into an evening of striking theater. *Dear Liar* marks the sixth time that Katherine Cornell and Brian Aherne have appeared together in a stage performance. Their previous performances in *The Barretts of Wimpole Street*, *Romeo and Juliet*, *Lucrece*, *St. Joan*, and *The Constant Wife*, represent a significant contribution to the history of the American theater during the past three decades.

Miss Cornell, who has been both an actress and a producer, is noted for such stage successes as the above mentioned plays, and *The Green Hat*, *The Letter*, *Candida*, *The Doctor's Dilemma*, *That Lady*, *No Time for Comedy*, *The Age of Innocence*, *Dishonored Lady*, *The Wingless Victory*, *The Three Sisters*, *Lovers and Friends*, *Antigone*, *Antony and Cleopatra*, *The Prescott Proposals*, *The Dark is Light Enough*, and *The Firstborn*—a list of titles that could almost be considered a capsule summary of 20th Century theatre.

As evidence of her good faith to her following outside of Broadway, Miss Cornell has proved an indefatigable trouper. She has made seven trips across America, beginning with the famous 18,000 mile journey to seventy-seven cities with *The Barretts of Wimpole Street* in 1933-4. During the closing months of the European Campaign of World War II she gave 143 performances of that same play before Allied troops in Italy, France, and Holland.

Since 1921 she has been the wife of producer-director Guthrie McClintic who has staged nearly all of her plays. Miss Cornell is the author of *I Wanted to Be an Actress*, the subject of *Curtain Going Up*, and the co-star of her husband's memoirs, *Me and Kit*.

In addition to her degree from Wisconsin, Miss Cornell has been honored by such universities and colleges as Princeton, Pennsylvania, and Smith; and she has received the Chancellor's Medal of the University of Buffalo.

We think that Katherine Cornell returns some of the respect that the University of Wisconsin has for her—she's a member of the Wisconsin Alumni Association!



Brian Aherne and Katherine Cornell in *Dear Liar*



Three faculty members of the Luso-Brazilian Center pause in their work to look over a copy of a Brazilian magazine. Left to right, they are Dr. Peter Lunardini; Dr. Lloyd A. Kasten, director of the Center; and Dr. Mary E. Brooks. Behind the trio is a travel poster of Portugal showing a typical example of Portuguese art with the sun and a fishing boat.

The Luso-Brazilian Center

by Lloyd Kasten

Director, Luso-Brazilian Center

*the UW is a leader in this
critical area of language study*

SINCE LAST JULY another organization in the service of national defense has made its appearance on the Wisconsin campus with the establishment of a Luso-Brazilian Center. The National Defense Education Act of 1958, under its Title VI, provides for establishing centers to give graduate instruction in critical languages not readily available in colleges and universities of this country. Not only the languages but also the people and the various phases of their civilization and culture are to be the object of study, according to the terms of this act.

A special committee which had been appointed by the Office of Education to study the situation in regard to the critical languages in American colleges recommended that Portuguese be included in this category along with Russian, Chinese, Japanese, Hindi, and Arabic. Very little consideration had been given to this language in the teaching curriculum of most institutions of higher education. Except for a brief period in the 1940's when attention was focused on our Portuguese-speaking war-time allies, the study of this major language had been almost totally neglected. The strategic position alone of these nations in Europe, South America, and Africa, to say nothing of the Portuguese Asiatic possessions, makes it highly important that they be numbered among our friends and that they remain our allies during future alignments of power. Brazil, a stepping stone to Africa and the key to most of South America, is as well one of the world's fastest-growing nations. At its present rate of growth, it seems likely that its population will pass the hundred million mark in about twenty years. Portugal and its islands are obviously more important for their location in relation to Southern Europe and Northern Africa, while the extensive Portuguese territories in Africa give ready access to both Central and South Africa. To study, to know, and to be able to communicate with these people culturally, commercially, and politically is logically a part of our defense effort. The Luso-Brazilian Center was established as one measure to bring these aims closer to realization.

The offices of the Center are temporarily located at 1118 West Johnson Street, but its faculty is found in all parts of the campus. Since its program includes studies of the area as well as the language, the departments of anthropology, economics, geography, history, linguistics, political science, and sociology have assumed a prominent rôle in the overall picture. Professors David Baerreis, Milton Barnett, Henry Sterling, Philip Curtin, and Carr Donald have been particularly active in promoting new area work and in expanding present facilities. Possibilities of effective study of Portuguese and the Luso-Brazilian area have long been good at Wisconsin, and under the present program they are becoming better.

The language program itself makes provision for both beginners and advanced students. Beginners are given an accelerated, intensive course which meets eleven hours a week, thus providing sufficient training to enable them to take any of the advanced work in language or literature by the end of the year. The acquisition of an oral command of Portuguese is stressed. Native speakers of the language

are employed as informants and as teachers in the classroom. Dr. Ivanice Sampaio Passos of Bahia is currently working with Professor Lunardini on the teaching of the intensive course. The facilities of the language laboratories are also utilized to insure accurate pronunciation and intonation on the part of the students.

Since this is primarily a graduate program (only specially qualified undergraduates may be considered for participation), the degrees granted are the M. A. (in either area or language) or the Ph. D. (in Portuguese only). Emphasis at present is placed on producing teachers of critical languages for American colleges, and students who are subsidized must sign a statement to the effect that on completion of their program they will be available for teaching college Portuguese or for other work in the national interest.

The federal government and the university share the cost of operating language centers. However, the government pays the entire cost of research projects, of which there are now two at this Center, and it awards fellowships to promising students. Six fellows are now studying at the Center while an equal number of graduate students have joined the program on their own resources or with the support of other agencies. The enrollment in Portuguese courses now stands at approximately forty students.

The research projects currently in effect include one on experimentation with materials for intensive instruction in Portuguese. This is a cooperative project under the guidance of Professors Lunardini, Shetter, Rose, and Hoge (UW-M), representing respectively the teacher, the linguist, the methodologist, and the phonetician in their contributions. A second project is an investigation being carried on by Dr. Carr Donald; it seeks to determine the sources of presidential power in Brazil.

During the second semester Dr. Thales de Azevedo, visiting professor of anthropology and sociology, is being brought from Brazil for participation in the program. Well known in his field, this distinguished scholar will supplement the work of the area faculty. It is the expectation that a visiting professor will be brought each year, now in area studies, now in language and literature.

On April 5-7 the Center is sponsoring a symposium on Brazil. Lectures and discussions by resident faculty members and by visiting guest speakers will constitute the principal part of the program. The meetings will be open to students and to the public. With the cooperation of the University School of Music a concert of all Brazilian music will be given as a special feature.

The Center has been the object of the special interest of both Portuguese and Brazilian governments and their representatives in this country. Generous gifts of books and cultural materials and loans for special occasions have been made. It is obvious that the purposes for which the Center was established have their entire approval.

The present director of the Luso-Brazilian Center is Professor Lloyd Kasten of the department of Spanish and Portuguese, who has been identified with work in Portuguese at Wisconsin since 1938.

Up and Down the Hill

ART TREASURES RECEIVED—A second gift within a year of valuable oil paintings by old masters of the 16th and 17th centuries has been made to the University by Marc B. Rojzman of Milwaukee.

Four masterpieces, painted by Flemish, French, Spanish, and Dutch artists and valued at about \$60,000 have been accepted by the Board of Regents. The works, which will be displayed in the Wisconsin Center, are from the personal collection of Mr. Rojzman, president of the J. I. Case Co., Racine.

Those paintings received were: "The Denial of Peter" By Gerard Seghers, Flemish artist, who lived from 1591 to 1651; "Three Urchins" by Mathieu Le Nain, French artist, who was born about 1607 and died in 1677; "Lady with a Pet Dog" by Alonzo Sanchez Coello, Spanish artist who lived from 1515 to 1590; and "The Card Game" by Hendrik van der Burch, Dutch artist, who was active from 1650 to 1660.

ANESTHESIOLOGY DEVELOPMENTS—"Many of the significant advances in the early days of the development of anesthesiology in the United States were made in the laboratories and operating rooms at the University of Wisconsin Medical School." So reads a part of the introduction to a recent exhibit in the lobby of the University Hospitals which traced the University's leadership in the field of anesthesia.

The exhibit honored two men in particular—Dr. Ralph M. Waters and Dr. N. A. Gillespie.

Dr. Waters set up the first anesthesia resident training program in America soon after he became head of a newly created division of anesthesia at Wisconsin in 1928. Dr. Gillespie, who died in 1955, is internationally known for his book on "Endotracheal Anaesthesia."

STUDENTS HOLD MOCK SENATE—The issues of today's politics were debated by some 100 University students who may be among tomorrow's political leaders. The 100 composed a mock United States Senate which was held in

the Wisconsin Assembly Chamber. About 35 of the participants were students in the UW political science department while the rest were "students-at-large."

The three main issues debated at the mock Senate were labor and public welfare, civil rights, and American foreign policy.

Sponsors of the conference were: Wisconsin Citizenship Clearing House, one of 22 State affiliates dedicated to stimulating interest in politics on the part of students; the UW political science department; Wisconsin Student Association; Young Republicans; and Young Democrats.

INDIAN SCHOLAR SPEAKS—The University of Wisconsin Indian Studies department recently sponsored two lectures by Dr. Prabhakar Machwe, author, teacher, statesman, and member of the Indian Academy of Letters, New Delhi.

The noted Indian scholar spoke on "Sculpture and Architecture of Ancient India," in a discussion using some 60 colored slides depicting the relics and cultures of the Indian past. Dr. Machwe, UW visiting lecturer in Indian Studies during 1959-60, is a storehouse of information on the culture of his country. He has spoken extensively to American audiences, revealing a sensitivity for the American's interest in India's past, present, and future.

NEW TRADITION?—During the University's holiday season, a huge Christmas tree made an appearance on Bascom Hill and it's expected that its yearly appearance may well become a tradition.

The tree, cut from the University Arboretum, was erected on the Bascom slope at the suggestion of Pres. C. A. Elvehjem.

NATIONAL SECURITY SEMINAR—Designed to foster a better understanding of the interrelated problems associated with national security, the National Security Seminar was held in Madison for the first time. Meetings were held at the Memorial Union The-

ater on the UW campus and the program drew approximately 600 military and civilian personnel from the Midwest.

Directed by a team of military educators, the seminar was a two-week condensation of the 10-month course given at the Industrial College of the Armed Forces, Washington, D. C. Representatives from industry, civic organizations, schools, local governments, religious organizations, and military establishments in the Midwest area were among those participating in the sessions which included such subjects as geopolitics, fuel and power, mobilization, communications, emergency management, civil defense, foreign policy, public opinion, economics, the space age, and industrial and human resources.

MANUSCRIPT COLLECTION—The University's Memorial Library has acquired the first rough draft of William J. Lederer's first book, *All the Ships at Sea*, published in 1950 by William Sloane Associates. Lederer's current best-seller is *The Ugly American*, a collaboration with Eugene Burdick. The manuscript is the first to be acquired by the library since it launched its campaign to gather original material of American authors.

"We are trying to find American authors—American only because they seem like more promising bets—who might be coming into prominence and who would be willing to give Wisconsin their manuscripts, correspondence with editors, and notes," Felix Pollak, curator of rare books, explains.

"We are placing a certain emphasis upon those who have connections with the Midwest and the University of Wisconsin. But again, this is determined only because of a greater likelihood of success. We hope ultimately to get the first draft of *The Ugly American* if it is not already promised to some other institution," he adds.

UW ENROLLMENT—The University of Wisconsin ranks seventh in the nation in full-time enrollments and eighth in grand-total enrollments according to figures compiled by Dr. Raymond Walters, president emeritus of the University of Cincinnati.

The "top ten" in grand-total enrollments in Dr. Walter's listing are (1) College of the City of New York,



Recently the Beefeaters reigned supreme as the Union held its annual family dinner for some 400 Union Committee members.

(2) University of California, (3) New York University, (4) State University of New York, (5) University of Minnesota, (6) University of Illinois, (7) University of Michigan, (8) University of Wisconsin, (9) Columbia University, and (10) Boston University.

PARKING FINES UPPED—Motorists who commit "no parking" violations at the University of Wisconsin will now have their bail doubled if they do not pay or arrange for a court hearing within one week.

Albert D. Hamann, director of the Department of Protection and Security, announced that violators will be given seven days, beginning on the day the ticket is issued, to respond. The system is similar to the city of Madison system, which gives violators five days to respond. Hamann also announced that the bail for "no parking" tickets has been increased from \$2 to \$5. After seven days without response, it becomes \$10. The "no permit" parking violations remain at \$1, but become \$2 after a week without response.

Hamann explained that the changes were made because roughly 40 per cent of the motorists who receive tickets must be sent notices of failure to respond after a week has elapsed.

UW-M LOOKING FOR NEW COACH—The University of Wisconsin-

Milwaukee Athletic Board has decided to consider applications from both present staff members and others who might be interested in the position of football coach.

The UW-M is seeking a replacement for Prof. Armin Kraeft who will take over other responsibilities at the institution. All UW-M coaches are now assigned half-time to intercollegiate athletics and half-time to the physical education department, and it is expected that this situation will prevail.

ATOM SMASHER—A 38-million volt atom smasher of new design will be completed soon on the UW campus. It will test the operational principles of a huge multi-billion volt machine planned for the future.

The announcement was made by Keith Symon, Wisconsin physicist and technical director of the Midwestern Universities Research Association (MURA) group which has been working out the new design. It is anticipated that MURA eventually will construct the new atom smasher.

Basically, atom smashers have a dual purpose: first, to accelerate nuclear particles and give them additional energy, and second, to aim the particles at a target. The targets are atoms or other nuclear particles. Physicists study the resulting collisions to learn more about the structure of matter.

HANDWRITING STUDIES—One of the most productive committees on the campus, the Handwriting Research Committee, is responsible for a series of publications explaining all phases of the research. These include "Study of Legibility in Handwriting"; "Study of the Relationships Between Speed, Quality, and Point Pressure in Handwriting"; "Pressure Patterns in Handwriting"; "Handwriting in Wisconsin"; "Perception of Symbols in Skill Learning by Mentally Retarded, Gifted, and Normal Children"; and "Factors Related to the Design of Handwriting Instruments for Children and Adults."

The committee headed by Prof. Virgil Herrick includes Profs. Theodore L. Harris and G. L. Rarick, current members; and has included Assoc. Dean Paul W. Eberman and Profs. Frank J. Estvan, Sara A. Rhue, Lucy B. Kerns, Gwen Arnold, and Carolyn Reuther, as well as numerous research assistants, experimenters, and project secretaries over the years.

Prof. John Guy Fowlkes was administrative coordinator of the research from 1949 to 1956, at which time Dean Lindley J. Stiles became coordinator. Support for the research—the most exhaustive ever undertaken in the field—has come from the University, the Parker Pen Company of Janesville, and the U. S. Office of Education.



Appleton's Oldest Alumna—

Carrie E. Morgan

by Mary Ellen Ducklow

unification of the school system from the old district system came about at her instigation; the first union high school was erected; the first junior high school came into being and two more were under construction at the time she retired.

Other educational milestones during her tenure were a school for the deaf, one of the first in the state, organized in 1896; and the orthopedic department, in 1917.

Kindergartens were something of a radical innovation when, in 1898, she borrowed a buckboard and driver and canvassed the community, gathering up signatures on a petition, to bring Appleton's first kindergarten into being.

When she became school superintendent 65 years ago, each Appleton school district had its own school board, raised its own money, built its own buildings and kept its squabbles strictly within district limits.

Miss Morgan came to Appleton from Plattsburg, New York, with her parents when she was two—just after the Civil War. She studied first in the old First ward school, went to the Second ward district high school, took two years of post graduate work, taught near Appleton for two years and then went to the University of Wisconsin where she was a language major. While there she became a member of Gamma Phi Beta, and since has served as national president of her sorority.

After graduation, she briefly taught Latin, German and English in Neenah, Wis., and then came home to Appleton to teach in 1893 when her mother died. And thus her career in school administration began, for she was in the superintendent's chair a year later.

After her retirement Miss Morgan traveled extensively and continued her fervent interest in and dedication to half-a-dozen charitable and educational organizations. She's fond of saying she's a "charter member of practically everything." and that's not much of an exaggeration. On her list are American Association of University Women, local chapter of the Daughters of the American Revolution, the Appleton Woman's Club, First Congregational church organizations (she's a former trustee of her church); an honorary member of Delta Kappa Gamma, honorary education sorority; a charter member of Appleton's Clio Club; a life member of the National Education Association; president of the Wisconsin Anti-Tuberculosis Association for many years in the '30's and '40's and the holder of an honorary degree from Lawrence College.

Thousands of Appletonians are familiar with or remember this gentle-voiced, sparkling-eyed lady with the beautiful hats. The firm basis of their public school educations, in no small part, was due to her drive, vivacity and vision.

Miss Carrie E. Morgan, 95, 334 River Drive, Appleton, former superintendent of Appleton public schools, the drive behind most educational innovations in that city over a 40-odd year period and a charming and lively lady who has a reputation of having a collection of some of the most elaborate and beautiful hats in that city, is one of Wisconsin's oldest living alumnae and certainly the oldest in the Fox River Valley area.

Almost a legend in her own lifetime, Miss Morgan has weathered two fractured hips in the last 20 years, and, although she is not now so active as she was, stands as a living symbol of Appleton's constantly expanding public school system.

She was Appleton's school superintendent from 1894 until 1924 and served as purchasing agent for the school system until 1938, because she was the only one who thought she was old enough to retire. During her tenure,

Home Economics Student—

Winifred Case Knapp

Mrs. Winifred Case Knapp, an 88 year-old woman who is interested in "keeping up with the marvelous changes in America," is taking a graduate course ("Recent Advances in Foods") in home economics at Oregon State College in Corvallis. In the spring, she plans to take some work in weaving—Mrs. Knapp has a small loom in her apartment and makes some of her own dresses. The foods course, she noted, is just "for my own edification."

Mrs. Knapp uses a cane to help her get around the campus but is regularly among the first students to arrive in the classroom each Monday, Wednesday, and Saturday at 9 a. m. "Promptness was one of the things my father insisted on," she has remarked.

OSC's school of home economics is observing its 70th anniversary this fall and, interestingly enough, the difference in age between Mrs. Knapp and the 18 year-old freshmen coeds who walk the halls with her is that 70 years.

Mrs. Knapp was born in Wisconsin, taught for one year in grade school following graduation from high school, and then entered the University of Wisconsin where she graduated with a major in philosophy in 1894. The "college spirit" has never left the 88 year-old student. Last June, Mrs. Knapp returned to Wisconsin for the 65th anniversary of her class and was the only graduate present of the class of '94. One of five daughters from the Case family was enrolled at the University every year for 21 consecutive years, she proudly recalls.

After graduation from college, Mrs. Knapp taught elementary and high school for three years before being married. She and her husband—they had no children—lived on a farm in Minnesota for many years. Taking her responsibilities for cooking meals for farm crews seriously, Mrs. Knapp decided she needed some additional formal training



in nutrition. She went to Iowa State College for special work one semester. Later, when her husband was transferred to Minneapolis while working on a state geologic survey, she started her graduate study in home economics at the University of Minnesota and became that university's first master's degree graduate in the subject.

Mrs. Knapp has a lively interest in history. When she was in Wisconsin in June, she took part in the dedication of a marker that was erected on the site of a steam sawmill built in 1855 by her grandfather. One of the rooms in a Milwaukee museum is a memorial to her father and mother and Mrs. Knapp has contributed generously of her time and funds in collecting historical materials.

Mrs. Knapp says she feels as though she has known three centuries of America. Remembering well her great-grandmother who provided insight into life in the 1700's and the 1800's, Mrs. Knapp remarked, "One of the rewards of living is watching change and progress, and it's marvelous what wonderful changes have taken place."

badger bookshelf

DEMOCRACY IS NOT ENOUGH

by John Scott, Harcourt, Brace and Company (\$3.95)

Much of the struggle for world power between America and Russia is being fought over lands where hunger is a stark, day-to-day reality. John Scott has traveled half a million miles in the lands of the Hungry World—in Asia, India, the Middle East, China, Africa, and Latin America. With extraordinary perception as a reporter, and equally extraordinary work methods, he has developed concrete suggestions about the attitudes and principles that should govern the policies of the United States toward the world's underdeveloped areas.

Mr. Scott's comprehensive analysis of a country takes into account its physical look, its history, interviews with people from all segments of its economy and social structure, and discussion of his findings with its political leaders. From such on-the-spot probing in Bolivia, South Africa, Algeria, Morocco, Egypt, Indonesia, Ghana, and India—and from talks with such men as Nehru in India, Schweitzer in Africa, Sukarno in Indonesia—he draws the thesis that democracy is not enough for the world's hungry, troubled people. Both the word and the philosophy behind the word are too abstract, he holds, and he calls forth—rightly for plans and actions that will realistically meet the problems of those lands whose immediate political needs differ so radically from our own.

Mr. Scott is an expert on Russia and a widely known lecturer. After his college days at the UW, he lived in Russia for five years, working in industrial plants and mastering the language. His experiences were related in his first book, *Beyond the Urals*, published in 1942. He is also the author of *Duel for Europe*, *Europe in Revolution*, and *Political Warfare*.

Since 1941, Mr. Scott has been associated with *Time*. At one time he headed the *Time-Life* bureau in Stockholm, and at the end of World War II reopened *Time's* Central European bureau in the wreckage of Berlin. Today, as a reporter with vast experience in global reporting, he is special assistant to the publisher of *Time*.

Requiem for . . . the Big Red Team

CALL IT what you will—Black Friday, Bad Day at Arroyo Seco, a day which will live in infamy—January 1, 1960 was unfortunate for Badger football fans because the big red team got its collective noses rubbed in the sod of the Rose Bowl by an inspired Washington squad. Ron Corwin '62 was on the scene and has recorded his impressions of the day. . .

The sun was falling rapidly behind the hills that surround the Rose Bowl in Pasadena as the final gun sounded to bring the curtain down on a game which found Wisconsin on the short end of a 44-8 score. It was difficult to decide which was longer, the shadows of a late winter's afternoon in California, or the faces of the Badger rooters.

All afternoon, unbelieving eyes had been stealing glances at the scoreboard which unravelled a tale of disaster to Wisconsin's faithful in the stands and throughout the nation. It had been a long, long day for many people but few could match the prolonged agony shouldered by Head Coach Milt Bruhn.

As anticipated, the entire Rose Bowl affair was a spectacle. The breathtaking Tournament of Roses Parade consisted of sixty floats, twenty marching bands whose members numbered over 2,000, and countless equestrian teams. The procession, which included the Vice-President of the United States, Richard M. Nixon, totalled 131 units and was based on the theme of "Tall Tales and True." The remarkably rare splendor of the floral creations was an unforgettable sight.

It was an unusually cool and crisp day for the customarily warm and sunny California. It was the same kind of day that draws throngs of fans to football stadiums throughout the entire Midwest to witness the spectacle of a Big Ten gridiron match. Wisconsin's band rendered "On Wisconsin" as they passed the reviewing stand and it looked as though everyone who was wearing the cardinal colors would bust their buttons with pride.

Cameras whirred and clicked as the parade, some two hours in length, marched by; and when it was over, no one was disappointed. Some of the spectators had been at their places since the previous afternoon just to be assured of a choice seat for this spectacle. Even as early as three in the morning, Pasadena was a cauldron of activity which featured an aura of big city hustle and bustle for this, its day of days.

After the parade, most of the spectators headed for home. Over a million people had viewed the parade in person and a good hot cup of coffee was now foremost in their minds. For many, the day was only half over—there was still a football game to be played. So while most of the million-plus crowd left Pasadena, there were those who remained and began sauntering toward the Rose Bowl. Everyone took his time as there were still over two hours before kickoff time. But these hours melted into minutes and soon it was time.

Much has been written about the game and even more has been said. Now, one month after that fateful after-

noon, just about everyone has taken his cracks at the team and its rather unfortunate showing. Needless to say, there was very little to cheer about.

However, Dale Hackbart was brilliant that afternoon—even in defeat. Also, very few people seem to recall the fact that Milt Bruhn was the first mentor to bring the undisputed Big Ten Crown to Madison in forty-seven years.

Not many summon to mind the exciting way in which the Badgers came to first place with a stunning victory over Northwestern and then copped the championship two weeks later with a last-ditch win over Minnesota. Scarcely any will recall from oblivion the fact that the 1959 Badgers were roundly trounced in their Big Ten opener with Purdue but still managed to lift themselves to the pinnacle of the Western Conference—the first team in history to accomplish that feat.

Some might remember the adverse playing conditions which marred Wisconsin's schedule the entire season, with the exception of two games. It seemed at times that the team was operating on sheer determination alone—a determination which was indicative of the fact that they would not be denied. Most people seemed to have erased these facts from their memory.

But those in the stands at Pasadena knew that the team they had just seen humiliated was not as bad as it appeared. When the band broke into "On Wisconsin" at the game's end, not a Badger moved from his place. Instead, they stood and sang their school's famous fight song. No one folded his ban-

ner and put it in his pocket. No one took off his red hat or his Wisconsin jacket.

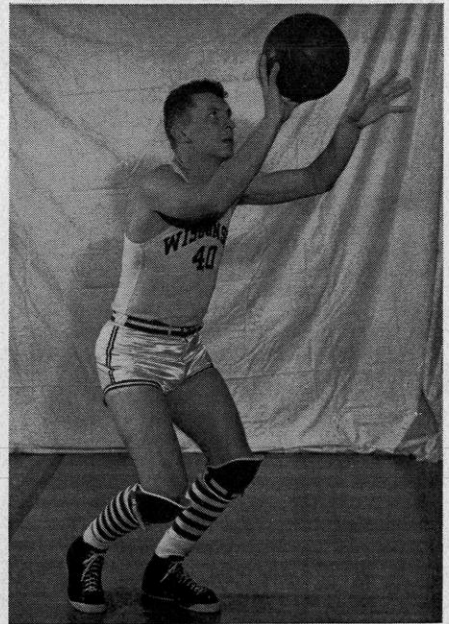
As the stands emptied, there were more than a few very long and very sad faces among the crowd—and justifiably so. Still no one shed those things that symbolized his connection with Wisconsin.

... perhaps one should simply dismiss the New Year's Day debacle from mind but something more unfortunate than losing a football game came to light as a result of this year's Rose Bowl.

The Wisconsin loss produced two distinct strains of Badger fans who were stunned and disappointed by the results of the game. The first group shook their heads and wondered just what had happened to the usually tough Badgers but, eventually, accepted the day as a matter of course. The second group, after a pause to collect their wits, started hurling invectives, strong enough to make even Hitlers' hate merchants blush, in the direction of the team, coaches, and anyone else they could think of to blame.

This was the point at which football and the obviously commercial, yet often genuine, spirit of the Tournament of Roses lost all of their meaning. For those who have allowed bitterness to distort their thoughts and values to the point where reason has become an enemy of judgment, we can only extend sympathy. That two and one half hours of a January afternoon should have such a traumatic effect on one's sensibilities is indeed pathetic.

Wisconsin Alumnus, February, 1960



John Kotz—little change in twenty years

still in championship form

John Kotz came to Madison from Rhinelander in 1939—with the exception of time out for service with the Navy as a lieutenant in World War II, he has been here ever since.

When Johnny Kotz began his basketball career at the University of Wisconsin, he began it in the right way as a member of the National Championship team of 1940–41. At the time, he was only a sophomore but he was strong, rangy, and the best ball-handler in the Big Ten. Today, although his days on the basketball court are passed, Johnny Kotz is still in fine athletic trim but he has shifted his athletic concentration from the hardwoods to the greens and fairways of the golf course. There his long and short game is just as devastating as his one-time maneuvers on the basketball floor.

While at the University, Johnny's biggest thrill came that night in 1941 when the Badgers won the NCAA Championship and he was voted the most valuable player in the tournament. An equally important highlight of his career came the following year when he

was named to virtually every All-American team and was chosen most valuable in the Big Ten.

Commenting on his days as a Badger cage star, Johnny says, "Certainly it's an experience I'll never forget but I think the boys presently taking part in intercollegiate athletics should remember that the most important thing they get out of college is an education."

Johnny Kotz has always remained close to athletics—he is part-owner, secretary-treasurer and a salesman for the Badger Sporting Goods Co. in Madison, a firm he has been with for 14 years. He considers the contacts he has made with coaches and people interested in athletics have proved invaluable in his career as a sporting goods salesman.

Johnny, his wife Bonnie, and their two children live in a two story three bedroom house, just across from—appropriately enough—a golf course.

Whether he's on the links or in the sporting goods business, Johnny Kotz is still carrying on in true championship form.



As part of a new approach to teaching under the Wisconsin Improvement Program, Sixth grade students at Washington School in Madison benefit from having three teachers and an instructional secretary. Assisting the students in a geography lesson are, left to right, teacher Mrs. Dolly Rounds, UW intern Karen Christensen, instructional secretary Mrs. Dorothy Hougum, and (foreground) UW intern Mrs. Joanne McGill.

The Wisconsin Improvement Program

*this new approach to education
concentrates on developing the student
by taking advantage of the
teacher's special strengths*

by Donald Bauder

TRY TO RECALL your days in grade school. Were there as many as 90 children in your room for lessons in music appreciation? Or, on the other hand, did the teacher very often find time to help you personally with your writing? Did you ever have a team of perhaps four adults trying to help you with your arithmetic combinations, your spelling, or geography? Probably not. And right now, less than one per cent of the pupils in the country have such opportunities. But, if present research trends in education are any indication, school children of the future will reap the benefits of these and other experiences that you did not have.

The University of Wisconsin, in a partnership with nine Wisconsin school districts, is in the mainstream of the nation's educational research. The partnership, called the Wisconsin Improvement Program—Teacher Education and Local School Systems, was made possible by a \$625,000 initial grant from the Ford Foundation. Substantial investments in

Wisconsin Alumnus, February, 1960



Here, instructional secretary, Mrs. Connie Palmgren (left), is shown at work in Racine's S. C. Johnson School. Mrs. Palmgren does the clerical chores for, left to right, Les Chaloupka, sixth grade teacher; Miss Martha Baker, 4th grade; Miss Sharon Pedersen, 5th grade; Mrs. Dorothy Elzinga, school secretary; and Mrs. Mary Geertsen, 4th and 5th grades.

talent and funds are also coming from the University and the nine systems—in Appleton, Hales Corners, Janesville, La Crosse, Madison, Manitowoc, Racine, Wausau, and West Bend.

Prof. John Guy Fowlkes, former dean of the U. W. School of Education, and Educational Advisor to India, heads the project. "Many ideas have been going unchallenged in the field of education for a long time," he says. "They now are being seriously tested; some will prove worthy, but others will have to be jettisoned before any real progress can take place."

Among the ideas under examination is the notion that the self-contained classroom is the only good arrangement for elementary instruction. Under this traditional pattern, one teacher is put in one room with one group of about 30 pupils for one year. If such a teacher, expected to teach every subject from geography to grammar, is not particularly proficient in science, for example, the children are not likely to learn an adequate amount of science during their year with her.

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To circumvent this and other disadvantages that stem from the rural one-room school origin of the self-contained classroom, some schools in five of the Wisconsin Improvement Program communities have already set up instructional teams, which allow teachers to "teach their strengths" without bringing high school departmentalization into the elementary school.

One such team is at work in the sixth grade of Washington School in Madison. Although the class now has only 45 pupils, there is staff enough to deal with 80 or 90. The team has four members: a veteran teacher as the leader, two U. W. students who are serving as teaching interns, and an instructional secretary.

The experienced teacher not only leads and coordinates the teaching but also guides the interns in their professional development. The interns lighten the leader's teaching load, and the secretary corrects papers, takes attendance, and performs other routine duties so the teachers can devote their time to teaching.

Several advantages are anticipated as a result of the program. Among them are:

1. Intensive and realistic preparation of teachers. As the program progresses, the University's teacher education program will be tied in more closely with the team experiments;

2. Exposure of greater numbers of students to outstanding teachers;

3. More attention for the individual student, permitting the teachers to discover and help develop the giftedness in each; and

4. A better chance for teachers to teach subjects in which they excel, and to perfect their mastery of both subject matter and technique.

This redeployment of personnel may open the way for a corresponding redeployment of finances, according to project leaders. That is, the talented teacher would carry more responsibility and could thus be paid more.

The team approach is expected to encourage more and better use of such mechanical and electronic aids as the overhead projector, movies and other

audio-visual devices, television for both school instruction and teacher education, and tape recorders for teaching spelling, shorthand, music, and languages.

An Appleton foreign language teacher who had been toying with the idea of using the tape recorder, along with some 90 other teachers and principals from project schools, attended a four-week Wisconsin Improvement Program conference on the Madison campus last summer. At the session, the teacher, Mark Seng, had the chance to discuss the idea with specialists and complete his plans.

When he returned to Appleton, he installed tape recorders and mirrors in his new "language laboratory." With them, the student can recite into a microphone, watch his lip movements as he does so, and hear his voice without distractions.

Mr. Seng claims the laboratory helps his students considerably in the grasping of a language—especially in mastering the peculiar sounds of certain foreign words and phrases.

Project workers have many other plans—some of them under way, some to be started soon, others still in the dream stage. These plans included accelerating and enriching instruction for capable students, introducing creative writing in the second and third grades, enlisting the aid of articulate laymen to read themes for English teachers, and employing aircraft in the study of geography and geology.

Dr. Fowlkes is "delighted with the rapid progress and excellent cooperation in the program." The working relationships and talent, he notes, were already there before the grant came through. But he describes the program as a mechanism designed to direct the resources of the State to the problems of the State.

In this pooling of resources, the University contributes faculty time and free space for the project offices, at 1120 W. Johnson St. The program has won the endorsements of the State Department of Public Instruction, the Wisconsin Education Association, and the Wisconsin Association of School Boards.

"The stage is set," Dr. Fowlkes says. "With the enthusiastic cooperation being given by Wisconsin communities, citizens, and educators, progress is inevitable."



Mark Seng, right, developer of Appleton's foreign language laboratory, demonstrates some of the intricacies of the tape recorder to one of his students, Richard Feavel. Before installing the elaborate laboratory, Seng discussed his idea with many other teachers at the UW summer conference of the Program.



Foreign language study benefits from modern techniques employed at Appleton High School. Ruth Whitford, student in Spanish, recites phrases into the microphone and watches her enunciation in the mirror. The technique aids students in the correct pronunciation of unfamiliar or peculiar foreign words.

with alumni clubs

SAN DIEGO Founders Day February
 La Fayette Hotel, San Diego
Contact: Dr. Phillip L. Gausewitz, 370 San Elijo St., San Diego (AC-2-2183)

DOOR COUNTY-STURGEON BAY Founders Day February 4
 Speaker: Lionel Thatcher
Contact: William O. Kletzien, 123 N. 3rd St., Sturgeon Bay (Pioneer 3-2793)

ASHLAND Founders Day February 4
 Speaker: Verner Suomi
Contact: Dr. H. H. Larson, Ashland (Murdock 2-4545)

ROCKFORD Founders Day February 17
 Speaker: LeRoy Luberg
Contact: Ray Paul, 2708 City View Drive (Woodland 8-2585)

FOX VALLEY Founders Day February 18
 Speaker: Gov. Gaylord Nelson
 Appleton Elks Club
Contact: Don R. Herrling, 512 E. Parkway Blvd., Appleton (REgent 4-8538)

RACINE Founders Day February 23
 Speaker: Gov. Gaylord Nelson
 Racine Country Club
Contact: Thomas A. Linton, 1723 College Ave., Racine (ME 7-1589)

BURLINGTON Founders Day February 24
 Cerami's Island View Resort, Browns Lake, Burlington
 Speaker: Dr. J. Martin Klotsche
Contact: James Hoffman, 605 Kendrick Ave. (Rockwell 3-3566)

EAU CLAIRE Founders Day February 27
 Speaker: Frank Graner
Contact: Victor T. Wahl, Jr., 204 E. Grand Ave., (5-6171)
 Dr. Axel Peterson, Eau Claire State College

ST. CROIX VALLEY Founders Day March 10
 Speaker: Martha Peterson
 Hotel Dibbo, Hudson, 6:30 p.m.
Contact: Mrs. John W. (Amy) Fetzner, 1017-7th St., Hudson (DUpont 6-2855)
 Chas. E. White, River Falls (Hamilton 5-2805)

WASHINGTON D.C. Founders Day February 16
 Speaker: Ray Dvorak
Contact: Grace Bogart, 1711 Mass. Ave., N.W., Apt. 718

AKRON Founders Day February 19
 Firestone Country Club
 Speaker: Fred Marsh
Contact: Donavon C. Voegeli, 2633 Chamberlain Road, Akron (TE 6-1111)

SUPERIOR Founders Day February 18
 Speaker: R. Rollefson
Contact: Oscar E. Roeseler, City Hall (Export 4-6684)

OSHKOSH Founders Day February 23
 Speaker: Martin Below
Contact: Dean P. Grant, First National Bank
 Robert H. Macke, Jr. (BE 5-5540)

STEVENS POINT Founders Day February 22
 Speaker: Martha Peterson
Contact: James Duffy (Diamond 4-4653)
 Mrs. Kay Wohlbiel, Box 13, Junction City

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sight of threes inspires Alumni House donation

Recently Thomas E. Brittingham, Jr. contributed \$33,333.33 to the Alumni House Fund—a donation which was instrumental in putting the campaign over the top of its goal of \$235,000. In the December issue of the *Wisconsin Alumnus*, we printed a picture of Mr. Brittingham presenting an oversized facsimile of his check to Dr. John A. Keenan, chairman of the Alumni House Fund. The novelty of this representation came to the attention of J. W. Schwab, who has nothing to

do with the University but is a personal friend of Mr. Brittingham's, and he was inspired to make the following response in a letter to Brittingham:

"One of our boys is an alumnus of the University of Wisconsin and he showed me the picture . . . of your presenting that big check full of threes to the Alumni House Fund.

"Catching some of your enthusiasm, I am enclosing my personal check (see above) for an abbreviated amount of threes. . . .

"You must have had an exciting and satisfying campaign to raise all of that money and I hope the students will be appreciative of your efforts for a long time."

Although the Alumni House Fund Campaign is officially over, donations are still being accepted for those who wish to have their names included on the Honor Roll of contributors which will be published when the Alumni House is built.

alumni news

Before 1900

Brig. Gen Roy F. FARRAND '00 is still going strong in his position as president of St. John's Military Academy in Delafield. Although over 80, "the general" still keeps up a busy schedule in his capacity as president and a devotee of military history.

C. Glenn GOODSELL '00 resides in Madison where he spends most of his time thinking up new educational toys for children. In addition to making educational games, he offers a free toy-repairing service to the children in his neighborhood.

1901-1910

Atty. Harlan B. ROGERS '09 was honored recently with a certificate of honor for a 50 year membership in the Ft. Winnebago Masonic Lodge 33. Other honors given Rogers this year include a citation for his 50-year membership in the State Bar Assn., and for his work as counsel for the Board of State Bar Commissioners.

A heretofore unknown portrait of Abraham Lincoln attributed to Francis B. Carpenter was recently unveiled at the annual meeting of the Lincoln-Civil War Society of Philadelphia. On the occasion the Society also observed the 75th birthday of Herman BLUM '08, founder and director of the Blumhaven Library and Gallery (where the painting will be hung). He is vice president of the Lincoln-Civil War Society, and Pennsylvania member of the advisory council of the Civil War Centennial Commission.

Retired Circuit Judge Herman SACTJEN '09 recently observed his 73rd birthday at the home of his daughter in Topeka, Kans.

1911-1920

Willis R. WOOLRICH '11 is the consultant president at the Middle East Technical University in Ankara, Turkey.

Ellie ELLEFSON '13 is retiring after 13 "terms" in the governor's office. She has worked for seven different governors from the Progressive, Republican, and Democratic parties.

Raymond C. PARLETT '16 has been engaged as technical advisor to the National Insulation Manufacturers Association in New York City. He recently retired as chief engineer of Johns Manville's Industrial Insulation Division after 40 years service.

Dr. and Mrs. Elmer L. SEVERINGHAUS '16 (Grace COLBY '16) recently spent 3 months in Djarkarta where he was guest lecturer in nutrition and endocrinology at the Medical School of Indonesia. They also visited Japan, the Philippines, Hongkong, and Bangkok. Dr. Severinghaus is regularly professor of public health nutrition at the Columbia University School of Public Health and Administrative Medicine in New York City.

Harry A. BULLIS '17, former chairman of the board of General Mills, Inc., has been elected chairman of World Brotherhood Inc., the United States corporate unit of the international organization for promoting amity among all peoples. He is a trustee of the Wisconsin Alumni Research Foundation and the University of Wisconsin Foundation. In 1936 he served as president of the Wisconsin

sin Alumni Association and was honored by the University in 1943 with a doctor of laws degree. He is also chairman of President Eisenhower's International Development Advisory Board.

In recognition of his engineering work "in applying the principles of geophysics to practical problems in mineral exploration", the Mining and Exploration Division of the Society of Mining Engineers of AIME has named Dr. Louis B. SLICHTER '17, director of the Institute of Geophysics at the University of California at Los Angeles, for its 1959 Daniel C. Jackling Award and to be its Jackling Lecturer.

LeRoy A. PETERSEN '17 of Otis Elevator Co., was official delegate from the University of Wisconsin at the academic convocation held by The Cooper Union for the Advancement of Science and Art on its 100th Anniversary.

Arthur F. TREBILCOCK '17 has been named chairman of the governor's committee on employment of the physically handicapped. He recently retired as president of the Wisconsin Division of the Borden Co.

Arthur C. NIELSEN '18 announces that his company became the first in Chicago to receive the European Productivity Agency award for its program of aid to European economic recovery. The award was only the fifth granted to an American organization, and only the second to a business firm, in the 14 years that it has been given. Nielsen, the world's largest marketing research firm, maintains a program of orientation for foreign business and professional people. About 900 foreign visitors, from 38 different nations and 5 continents, have toured the Nielsen facilities in Chicago since the end of World War II.

John STEVENS '19 has retired from the Marathon Corporation and makes his home in Menasha.

Whitney North SEYMOUR '20 was honored by the Association of the Bar of the City of New York when he was presented with the Association Medal for "exceptional contributions to the honor and standing of the Bar in this community."

1921-1930

Harold R. HUNTLEY '22 retired from the American Telephone and Telegraph Co. after more than 42 years of Bell System service.

Wilson D. TRUEBLOOD, Jr., '22 is observing his 35th year of employment with Leeds & Northrup Co., makers of precision instruments and automatic controls. He is the Philadelphia firm's district manager.

A paper entitled "Basic Research and the State University" by University Pres. C. A. ELVEHJEM '23 is one of 16 papers printed in a 308-page volume *Symposium of Basic Research* now issued by the United States Department of Agriculture.

Milo B. HOPKINS '23, executive vice president of The Hanover Bank, has moved to New York City. He also has purchased a cooperative apartment in Fort Lauderdale, Fla.

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D. C. ROSCOE '26 has been appointed general manager of sales at the Bethlehem Steel Co.

George GRABIN '28 has been elected a vice president and member of the plans board of John W. Shaw Advertising, Inc. of Chicago. He has been closely identified with the advertising of public transit systems and has received a number of advertising awards in various classifications in the industry. He is advertising counsel to the Milwaukee & Suburban Transport Corporation, the Chicago Transit Authority, the Wisconsin & Michigan Steamship Co., and the Michigan-Ohio Navigation Co. He is also widely identified with independent marketers of gasoline and other petroleum products.

Albion JOHNSON '29 has gone on voluntary retirement after 31½ years as a supervisor with the American Brass Co., Kenosha Division of the Anaconda Co. He plans to sponsor drum and bugle corps and band contests, baton twirling events, and preliminary contests for the Chicagoland Music Festival.

G. M. MATTHEWS '29 has been appointed executive vice-president and member of the board of directors of Strong's Bank, Dodgeville.

Atty. Joseph DAPIN '29 of Madison has announced his candidacy for the post of judge of the newly-created second branch of Superior Court.

Scott HAKE '30 has been named president of the First National Bank of Janesville.

Hon. Gengo SUZUKI '27, financial minister, Embassy of Japan, recently gave a speech entitled "Dimensions for Economic Progress: Aid, Impact and Cooperation" at the National Foreign Trade Council in New York City.

1931-1940

A group of friends recently unveiled a portrait of the late Prof. William A. SUMNER '31 at a reception for his honor in the Wisconsin Center Building. The portrait is a gift to the University from former students and other friends—this group is also establishing a trust fund to maintain a library collection in agricultural journalism. Prof. Sumner had been active in newspaper and community affairs in Wisconsin and had been active in the founding of the Dane County Press Association and, for many years, had been a director of the Anchor Savings and Loan Association.

Mr. and Mrs. George V. BOWERS '32 (Lora EARLGUIRE '33) are in Lima, Peru where he is food and agricultural officer with ICA.

Frank W. SULLIVAN '32 has been appointed manager of commodity sales in the North Central Region for Fenestra Building Products in Chicago.

J. D. McMURRAY '35, president and editor of the *Racine Journal-Times*, has been elected president of the Wisconsin Daily Newspaper League.

John L. BORMAN '34 has purchased Villa Maria, a woman's dormitory at the University.

Mrs. Hazel S. ALBERSON '35, associate professor of comparative literature, has received wide acclaim for her program "Great Books" heard over WHA and the State Radio Network.

Mrs. Donald R. Gunter (Jean MIERICK '36), after 20 years as an officer and part owner of the Rock County Abstract Co. in Janesville, is currently employed by the Broward County Title Co. in Fort Lauderdale, Fla.

George D. MATSON '40 has been promoted to vice president and general manager of the NBC television network.

Leslie P. SCHULTZ '40, vice president of the Independence Life Insurance Co. and 1960 president-elect of the Big Ten Club of Southern California, was emcee at the Big Ten Dinner held in honor of the Wisconsin team that played in the 1960 Rose Bowl.

1941-1945

Arthur C. NIELSEN, Jr. '41, president of A. C. Nielsen Co., has just completed a month's visit to Israel as head of a delegation of American business experts, sent by the United States Government for the purpose of acquainting Israeli industry with up-to-date American methods of production, marketing, and administration. This is his third assignment of this type, the other two being in Italy and Japan.

Clay SCHOENFELD '41 professor of journalism and assistant to the Dean of Extension at the University, has written a text and a workbook on "Effective Feature Writing." The books deal with how to write and sell newspaper and magazine feature articles.

Grant G. HILLIKER '42 and his family have returned to Falls Church, Va. He will attend the Foreign Service Institute, training school of the State Department.

Mrs. Robert O. Link (Dorothy BETLACH '44) has accepted an invitation to be national chairman of the committee on public relations for the National Council of Catholic Women.

Helen M. KAISER '44 is enrolled in the two-year graduate program of education and training in social work in the School of Social Welfare, The Florida State University.

A woodcut, "The Dancer, II," by Alfred SESSLER, '45, professor of art education at the University, provides the cover for the Fall 1959 edition of *Arts in Society* magazine. The publication which is "dedicated to the advancement of education in the arts" is sponsored by the University of Wisconsin Extension Division and the Center for the Study of Liberal Education for Adults, Chicago.

1946-1950

Frances SOIT '47 is teaching second grade at an American dependent school in Seville, Spain.

Mr. and Mrs. Herman M. Siegel (Edythe PRENS '47) announce the arrival of Kathy Mira, a companion for Deborah Beth.

Mr. and Mrs. Joseph J. SHUTKIN '47 (Glenna KRAVAT '54) announce the arrival of Sara Ann.



Harvard's Young Man of Medicine

Dr. Thomas B. Fitzpatrick '41 has managed, in a comparatively short time, to establish for himself a professional reputation that would make any Midwesterner proud. At 40, he is the youngest member of the distinguished faculty at Harvard Medical School where he is Edward C. Wigglesworth professor of dermatology and chief of the dermatology service at Massachusetts General Hospital.

In 1955, Dr. Fitzpatrick gained national recognition when his research on a sun burn pill was the subject of a feature story in *Life* magazine. Since that time he has done extensive research with a team of biologists and biochemists on the problem of melanin (dark pigment) in the skin and hair. "The main reason for studying the biology of melanin," says Dr. Fitzpatrick, "is to learn more about the mechanism by

which a pigment cell is transformed to malignancy, a major problem in the treatment of cancer."

Dr. Fitzpatrick's *curriculum vitae* reads like a compilation for a medical Who's Who. At various times he has been associated with the faculties of the University of Minnesota; the Mayo Foundation; Oxford; the University of Michigan Medical School; the University of Oregon Medical School; the University of Tokyo Medical School and Kyoto University Medical School, Japan; and Harvard Medical School. From 1946 to 1948 he was with the Army Chemical Center, Maryland.

He is a member of nine medical societies and has been honored by such institutions as the Mayo Foundation, Oxford University, and the American Dermatologic Association. Dr. Fitzpatrick, singly or in collaboration with other scientists, has published nearly fifty articles in learned journals.

In 1944, Dr. Fitzpatrick married Beatrice Devaney, the daughter of the late chief justice of the Minnesota Supreme Court, John P. Devaney. The Fitzpatrick's have five children, Thomas Jr., 13; Terry and John, 11; Scott, 9; and Bryan, 4—the entire family enjoys such activities as skiing and camping together.

Anna Mae FISHER '47 recently became the bride of H. Howard Anthony in Chicago.

William R. WALKER '47 has taken over the general management of radio station WISM (formerly WISC), "the modern sound from Madison."

Judith HERSHCOPF is presently serving as assistant director of the Interreligious Affairs Division of the American Jewish Committee in New York City.

Mr. and Mrs. Thomas J. TWOMEY '50 (Teresa SANTANDREN '48) announce the arrival of their daughter, Teresa Carmen.

Mr. and Mrs. Richard E. OSTERHOUT '48 (Janet MAEGLI '49) live in Pittsburgh, Pa., where he is assistant marketing manager at the Amstan Division, American Standard Corp. Their son, Mark Robert, was born last April.

Frank J. LOPP '47 is president of the Mountain Valley Bottling Co. in Lansdale, Pa.

Associate Prof. and Mrs. Bob A. Hedges (Jane Elizabeth BRACKETT '49) and their daughter are on leave for the 1959-60 year from the University of Illinois. He is attend-

ing the Institute for Basic Mathematics for Application to Business at Harvard University as a Ford Fellow.

William D. PEEPLES, Jr. '49 has recently resigned his position at Auburn University to accept the position of professor of mathematics at Howard College.

Dr. W. E. ROSENKRANZ '50 and his associate, Dr. E. E. ZWISLER '50, have moved to a new clinic in Mukwonago.

Mr. and Mrs. J. O. FRITZ '50 are the parents of a daughter, Susan Mary.

Russell D. ROBINSON '50 has resigned his position as a 4-H County Agent to return to the University of Wisconsin where he will accept a fellowship in the UW's national agricultural extension center.

Joseph SCHULTZ '50 was named to succeed Judge Henry G. Gergen in Dodge County.

1951

Mr. and Mrs. Robert C. ERNEST '52 (Virginia WAHL) live in Fullerton, Calif. where he is administrative superintendent of the Kimberly Clark mill.

Katsuni MURAKAMI is an instructor of economics at the University of Wisconsin in Racine.

1952

David W. SALAN is now staff reporter for *The Oil Daily*, the national newspaper of petroleum, in Chicago.

Forrest PARISH has been appointed manager of personnel, methods, and custom sales of the Baker Manufacturing Co., Evansville.

Mr. and Mrs. Robert ROSENMEIER (Joanne DORWIN '55) reside at 853 East Washington Street in Oconomowoc. They have two children, Laurie Carol and Lee Alan.

1953

Mary Frances CUTNAW has been granted a leave of absence from her position as Dean of Women and assistant professor of Speech at Stout State College to continue work on her PhD at the UW in Madison.

Earl R. SELLECK was recently married to Rosemarie C. Rauscher.

Leo H. SPINAR recently became the father of a daughter, Sandra Jeannine, and, as an

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assistant professor of chemistry at Colorado State University, was awarded a \$16,000 contract by the Texas Instruments Co. of Dallas, Tex., to carry out basic research on the physical and thermodynamic properties of boron and aluminum phosphides. These compounds are of interest because of their semiconductor properties and possible use as transistor materials.

Mrs. Robert W. Duchow (Mary WETSPHAL) recently had an art show "Serigraphs Etcetera", consisting of screenprints and other paintings, on exhibit at the Oconomowoc Library.

1954

Allen B. WHEELER is now a pilot with Pacific Airlines. Flying commercial routes in California and other Western States, he pilots the latest Fairchild F27 planes, a prop jet aircraft made by Rolls Royce.

Charles TURNER teaches physical education at the Marshfield Senior High School and the Lincoln Grade School. He is head coach of the basketball, track, and cross country teams at the high school.

Charles G. BENTZIN recently returned from the annual convention of the Society of Actuaries where he was awarded a certificate as a Fellow of the Society.

1955

Mr. and Mrs. David STANLEY (Martha LANGER) live in New York City where he is associated with the law firm of Paul, Weiss, Rifkind, Wharton, and Garrison. They have two daughters, Catherine May and Alison Anne.

Mr. and Mrs. Edmund A. KURTZ (Susan LARSEN) have a new home in Brookfield where they live with their two sons, Bruce and David.

1956

Werner A. SCHANZENBACH has been promoted to project mathematician in the IBM Product Development Laboratory at Poughkeepsie, N. Y.

Lt. and Mrs. Robert R. MILLS, Jr. (Carol PRICE) will be returning soon from Germany. He has accepted a regular army commission and plans to make a career of the army. They have a son, William Clark.

Mr. and Mrs. Burt Klabunde (Barbara NICHOL) have returned from South Carolina to their permanent address at 1732 Oakton St., Des Plaines, Ill. They have a son, Keith.

1957

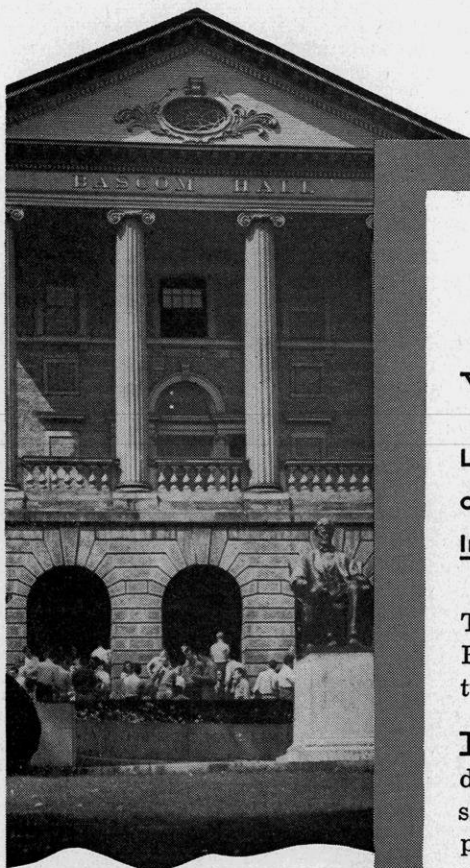
Marine 1st Lt. Edward L. STOWE, Jr. recently received the wings of a Naval aviator at the Naval Air Station, Pensacola, Fla.

Roger E. SIEMERS recently completed his two-year tour on active duty with the Army. He spent 18 months in Germany.

Mrs. John H. Nelson (Janet BROWN) lives in New London, Conn.

Mrs. Kenneth R. Farabee (Helen REHBEIN) is assistant Dean of Women at the University of Texas.

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1958

Ens. Mary E. DOUGHERTY is serving as a Navy Nurse at the Naval Hospital at Camp Lejeune, N. C.

Roger W. SACKETT has joined the automotive engineering section of the American Trucking Associations in Washington, D. C.

Recently married Mr. and Mrs. Richard PROBER (Joanne SHAPIRO '59) are taking graduate studies at the University. They live in Eagle Heights Apts.

James L. AUTERMAN is an electrical engineer with the National Bureau of Standards in Boulder, Colo.

Army 1st Lt. William W. BRANDT is a mathematician and programmer for computers in the U. S. Army Engineer Research and Development Laboratory at Ft. Belvoir, Va.

Ethel VETTER is chief occupational therapist at the River Bluff nursing home, Rockford, Ill.

After serving for three years on board the destroyer U.S.S. WEDDERBURN, Ronald J. LARSON '56 is living with his wife (Barbara P. LAYCOCK) in West Bend where he is a partner in A. C. Larson & Co., a real estate and insurance firm.

necrology

Warren E. COLBURN '83, Chicago, Ill.
Mrs. Genevieve HUNKEMEIR Aylward '93, (Mrs. John A.), Madison.
William H. TASKER '93, Madison.
Dr. George F. THOMPSON '96, Oak Park, Ill.
Mrs. Arabelle ZWEIFEL Ingersoll '97, (Mrs. George C.), Oakland, Calif.
James P. WETER '98, a retired Seattle attorney.
Edwin SNOW '00, Boise, Idaho.
Frederick D. TAYLOR '01, Chicago, Ill.
Mrs. Florence WEISSERT Sleeper '02, (Mrs. Louis), Appleton.
Ray H. HADFIELD '03, Wheaton, Ill.
Mrs. Alma PETERSON Chapman '03, Boise, Idaho.
Robert C. BULKLEY '05, Whitewater attorney.
Mrs. Ilma ROHR Meyer '05, (Mrs. Arthur J.), St. Louis, Mo.
Mrs. Edith McCORMICK Ayers '07, (Mrs. Carroll C.), Great Falls, Mont.
Mrs. Mabelle LITTLE Stroud '07, (Mrs. Perry C.), Portage.
George W. TAYLOR '07, Kenosha.
Augustus J. ROGERS '07, Beulah, Mich.
Mrs. Lydia WHELOCK Campbell '08, (Mrs. William), Chicago, Ill.
Bruce McCREADY '10, Richland Center.
Karl E. STEINMETZ '10, Knoxville, Tenn.
Walter E. MUELLER '10, Pau Pau, W. Va.
John BARTH '11, La Crosse.
Harold S. CROSBY '12, Madison.
James H. DOYLE '12, Huron, S. Dak.

1959

Ann OTJEN is employed by the park and planning office of Waukesha County.

Judy SCHWARTZ teaches English at Washington Junior High School in Manitowoc.

Army 2d Lt. Richard A. GREEN has completed the military orientation course under the Reserve Forces Act program at Brooke Army Medical Center, Ft. Sam Houston, Tex.

Army Pvt. Robert E. HALFERTY recently completed the eight-week finance procedures course at the Finance School, Ft. Benjamin Harrison, Ind.

Army Pvt. Gerald H. WITT, recently arrived in Vietnam, is now a member of the Military Assistance Advisory Group in Saigon.

Army Pvt. Richard E. BLANEY has completed his basic training at the engineering training center at Ft. Leonard Wood, Mo.

After receiving his Masters Degree in Electrical Engineering from the Institute of Technology, Air University, Air Force 1st Lt. Edward P. SCHELONKA has been assigned to the 6594th Launch Squadron at Vandenburg AFB, Calif.

Kathleen CUMMINGS has accepted a position as district director for the Michigan Trails Girl Scout Council in Grand Rapids, Mich.

Joseph T. GALLAGHER '14, Cleveland, Ohio.
Glenn G. BALCOM '15, Kenosha.
Roy A. CLIFGARD '16, Long Beach, Calif.
John L. NEWMAN '17, Milwaukee attorney.
Mrs. Ellen TENNEY Moore '20, (Mrs. Robert), Altoona.
Allen UHL, '20, Galesville.
W. R. DAVIES '21, Eau Claire.
Leon L. KAY '22, New York City.
Marie B. STAINER '24, Eau Claire.
Sturtevant HINMAN '24, Glencoe, Ill.
Judson W. STAPLEKAMP '25, Kenosha.
Mrs. Jean McNAMARA Heuston '25, (Mrs. Emory), New York City.
Victor R. WALSH '27, Des Moines, Ia.
John R. NORCROSS '28, Glenview, Ill.
Emma J. CRONE '30, Marathon, Ia.
Dorothy FEREBEE '30, Richland Center.
Roman BROTZ '31, Sheboygan.
Mynard W. BESSERT '32, Madison.
William A. NOSIK '33, Cleveland, Ohio.
Mrs. Dorothy KING Galle '34, (Mrs. Fred), Green Bay.
Col. Math F. REGNER '35, Wiesbaden, Germany.
Mrs. Solveig VALLIS Buckner '36, (Mrs. Perry), Madison.
Dr. Cyril A. SCHWARZE '36, Watertown.
Robert D. MURPHY '40, Peshtigo.
William B. RHINEHART '43, Madison.
Dr. Henry F. RATTUNDE '47, Monrovia, Calif.
Dr. Bernice H. VANDENBERG '56, Pittsburgh, Pa.

newly married

1952

Edith A. VOORSANGER and Walter R. TICK, San Francisco, Calif.

Elinor E. Mason and Mark E. EMERSON, New York City.

Phyllis KETTELHON and Peter L. Eichman, Madison.

1953

Helena M. Vaseo do Valle Silva and James J. MAHONEY, Milwaukee.

1954

Elizabeth A. HUTTER '56 and Paul M. RYAN, Janesville.

Rosemary R. Rudstrom and Thomas E. ELBERT, Milwaukee.

1955

Lois C. MEYER and Richard M. Pedigo, Oxnard, Calif.

Paula A. Palangi and Richard E. McDONALD, Dallas, Texas.

Harriet J. HAUGAN '58 and Bruce B. DOUGLAS, Janesville.

Nancy A. MURRY and Paul K. Barkla, Washington, D.C.

1956

Mary K. KRONCKE and Frank R. Willis, San Francisco, Calif.

Judith L. DeWESE '57 and Robert E. SHAMU, Madison.

Nancy A. Doolan and Robert J. TROTALLI, Milwaukee.

Nancy L. PAPKE and Craig W. Textor, Milwaukee.

1957

Judith A. Eckart and Owen L. FELTON, Madison.

Judith K. WYATT '59 and Dale A. NELSON, Wilmington, Del.

Judith BRUCE '59 and John W. NYHUS, Hibbing, Minn.

1958

Betty J. BONHAM and Thomas A. LIES, Wyandotte, Mich.

Karen I. Hawkins and Ens. Dale F. FULLER, Madison.

Dorothy E. Olson and G. Brian BAGLEY, Madison.

Rosanne BOTHAM and Thomas F. RAEMISCH, Madison.

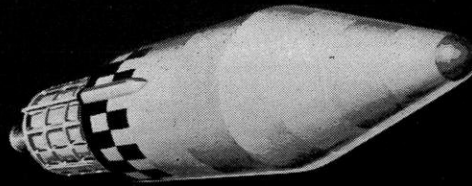
1959

Jean E. McDowell and John F. McMENOMY, Madison.

Marlyn A. JOHNSON and Michael E. Donagan, Milwaukee.

Joan Aspenleiter and Jack SAICHEK, Sandwich, Ill.

Ann F. PROCTOR and Albert F. Kretschmer, Phoenix, Ariz.



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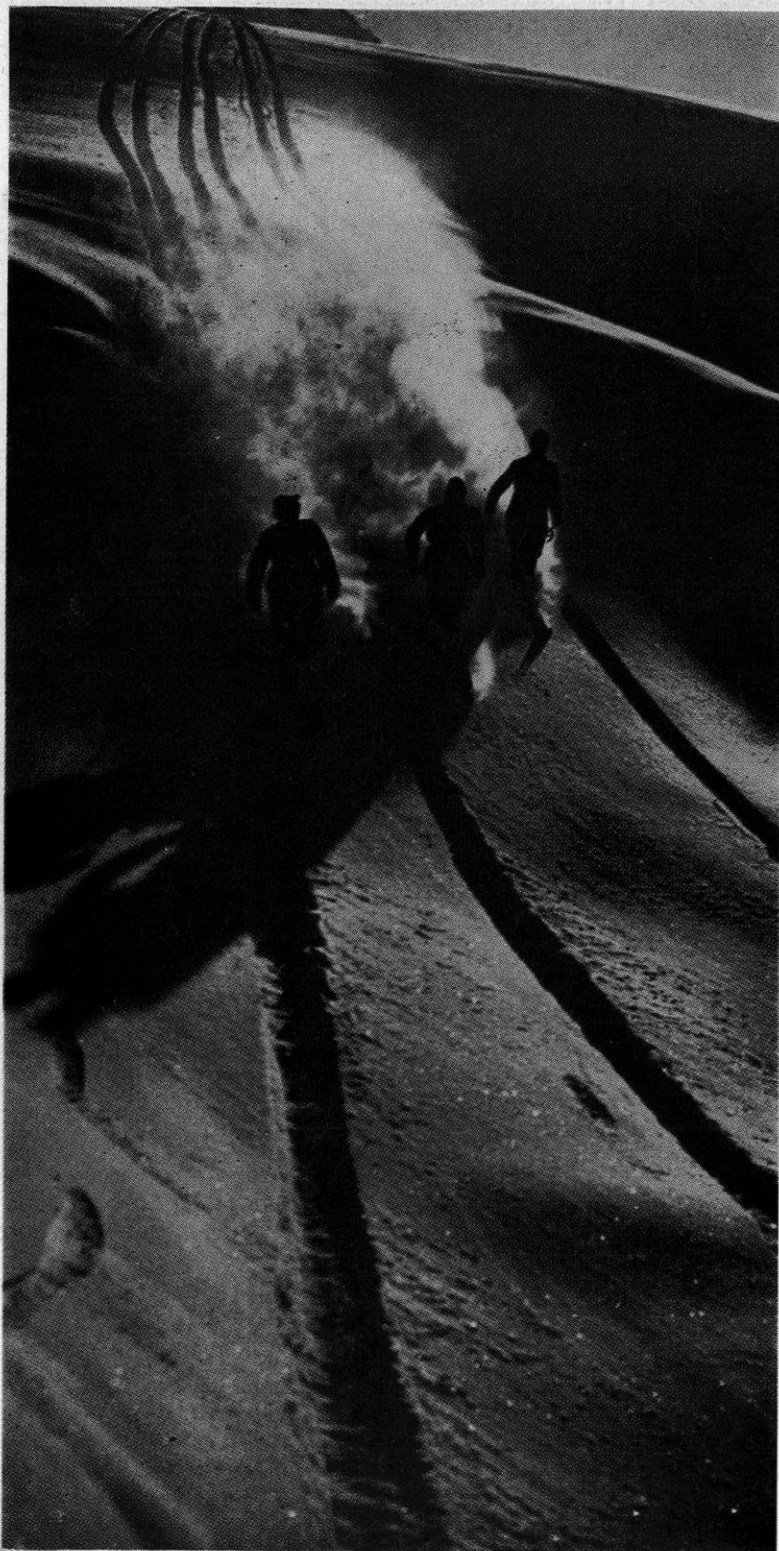
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