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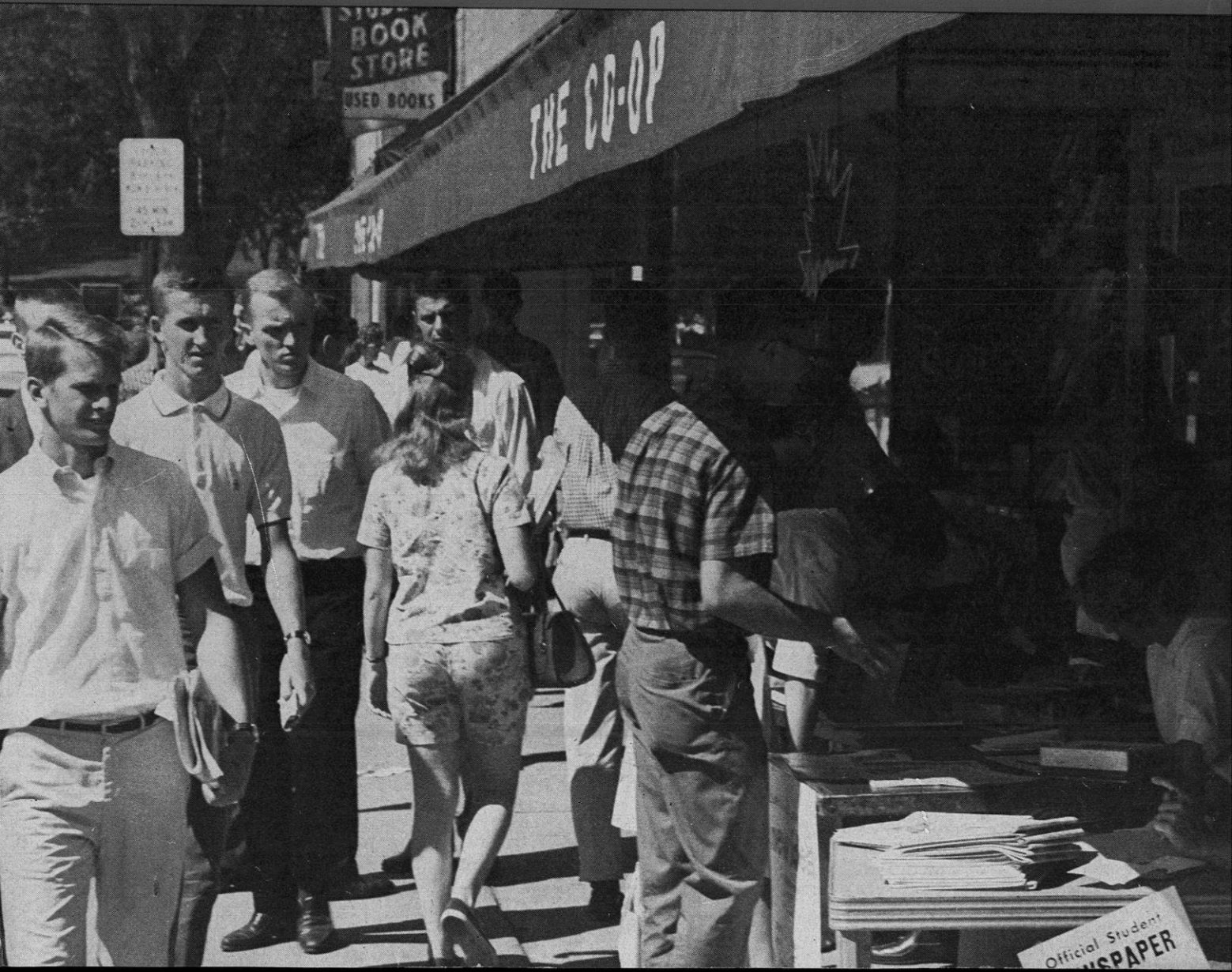
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# WISCONSIN

## Alumnus

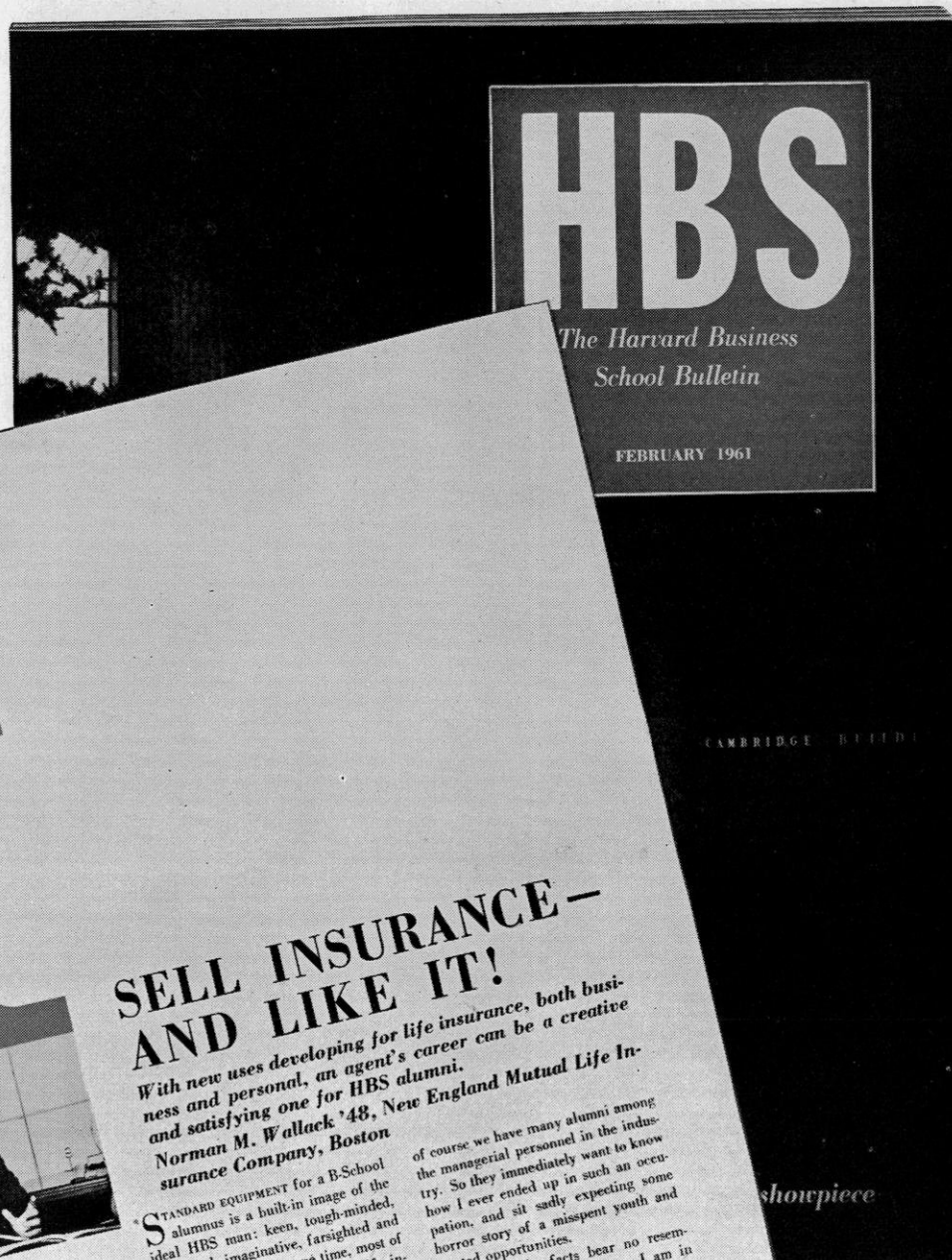
OCTOBER, 1961

University of Wisconsin enrolls more than 31,000 students—see p. 7





# Why a successful man gave up a career



## SELL INSURANCE— AND LIKE IT!

*With new uses developing for life insurance, both business and personal, an agent's career can be a creative and satisfying one for HBS alumni.*

**Norman M. Wallack '48, New England Mutual Life Insurance Company, Boston**

STANDARD EQUIPMENT for a B-School alumnus is a built-in image of the ideal HBS man: keen, tough-minded, analytical, imaginative, farsighted and resourceful. At the same time, most of us have a mental picture of a life insurance agent: unimaginative, plodding, high-pressure, ill-informed, persistent and annoying.

Given the clash between these two pictures, my Business School friends really raise an eyebrow when they find out that I am one of those "people with endurance"—a man who sells insurance. There are very few graduate business school alumni in my end of the business, much less HBS types, though

of course we have many alumni among the managerial personnel in the industry. So they immediately want to know how I ever ended up in such an occupation, and sit sadly expecting some horror story of a misspent youth and wasted opportunities.

Actually, the facts bear no resemblance to their assumptions. I am in this business because I like it, because I chose it after trying several other types of work, because it offers all kinds of opportunities for ingenuity in developing special insurance programs for particular companies and individuals. In so doing, I have come to the conclusion that businessmen are so

# in industry to start one in life insurance

Norman Wallack had good reasons.

Here's the first-hand account he gave us after his article  
had appeared in the Harvard Business School Bulletin —

"After graduation from Harvard Business School, I did well during the next nine years in two different areas of business. First, as merchandise manager for a large Midwest manufacturer. Next, as developer and owner of a camping-equipment company. But after five years of having my own company, I sold out at a substantial profit. Six months later I had decided to sell life insurance for New England Life.

"I had plenty of confidence by this time in my business ability. Now I wanted to find an area where it would pay off on its own and require little reliance on others. I wanted a field that offered increasing income as I grew older without suddenly dropping off when I reached 65 . . . that held fewer

of the frustrations encountered in industry . . . that could put to best use my training at the School, experience and capabilities.

*"Life insurance seemed to come closest to this ideal. So I picked out the company with one of the finest reputations and cost pictures in the industry and sought out one of the most outstanding training agencies in the business.*

"It adds up to this: I'm in this business because I like it. Because I chose it after trying other types of work. Because it offers all kinds of opportunities for developing special insurance programs for companies and individuals. It's the unusual combination of freedom and variety that appeals to me. Perhaps it will appeal to you."

If you'd like a reprint of the 5-page article by Norman Wallack, "I Sell Insurance — And Like It!" just send along the coupon. We'll also mail you our free booklet, "Careers in Life Insurance," which describes the opportunities with New England Life for those men who meet our requirements.

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NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY: FOUNDER OF MUTUAL LIFE INSURANCE IN AMERICA IN 1835. ALL FORMS OF INDIVIDUAL AND GROUP LIFE INSURANCE, ANNUITIES AND PENSIONS. GROUP HEALTH COVERAGES.

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Under the protection of a thick earth and concrete cover, and away from major target areas, several Bell System communications centers are already in

operation. Many more are to come.

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These buildings are costly. Tough to build.

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defense systems. And so we took the lead in establishing these underground centers with our own money.

There are many other ingenious projects in our "Survivability" program for America's communications. Many cannot be mentioned here.

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**BELL TELEPHONE SYSTEM**





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## Wisconsin Alumni Association

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# What if something happens to Mr. Mac?

Mr. Mac is any of those key men who are so important in most businesses. His loss would mean serious and immediate problems for management. Many of these problems can be solved by key man life insurance with the following benefits:

- Provides cash to attract and train replacements, and to indemnify for temporary loss of company earning power.
- Provides cash to protect credit and endorsers of company's paper.
- Provides cash to guarantee continuance of dividends, to guarantee continuance of business and avoid dissolution, merger or forced sale.
- Provides cash to retire any stock held by the deceased, and to continue his salary to his family.
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Ask a Connecticut Mutual Life man to talk to you about how key man life insurance can fit your situation. He'll recommend a plan with guaranteed flexibility . . . one that can be changed as your business picture changes. Talk with him soon, while your Mr. Mac is on the job.

## *Dividends\* paid to policyholders for 115 years*

Owned by its policyholders, CML provides high quality life insurance at low cost and gives personal service through more than 300 offices in the United States.

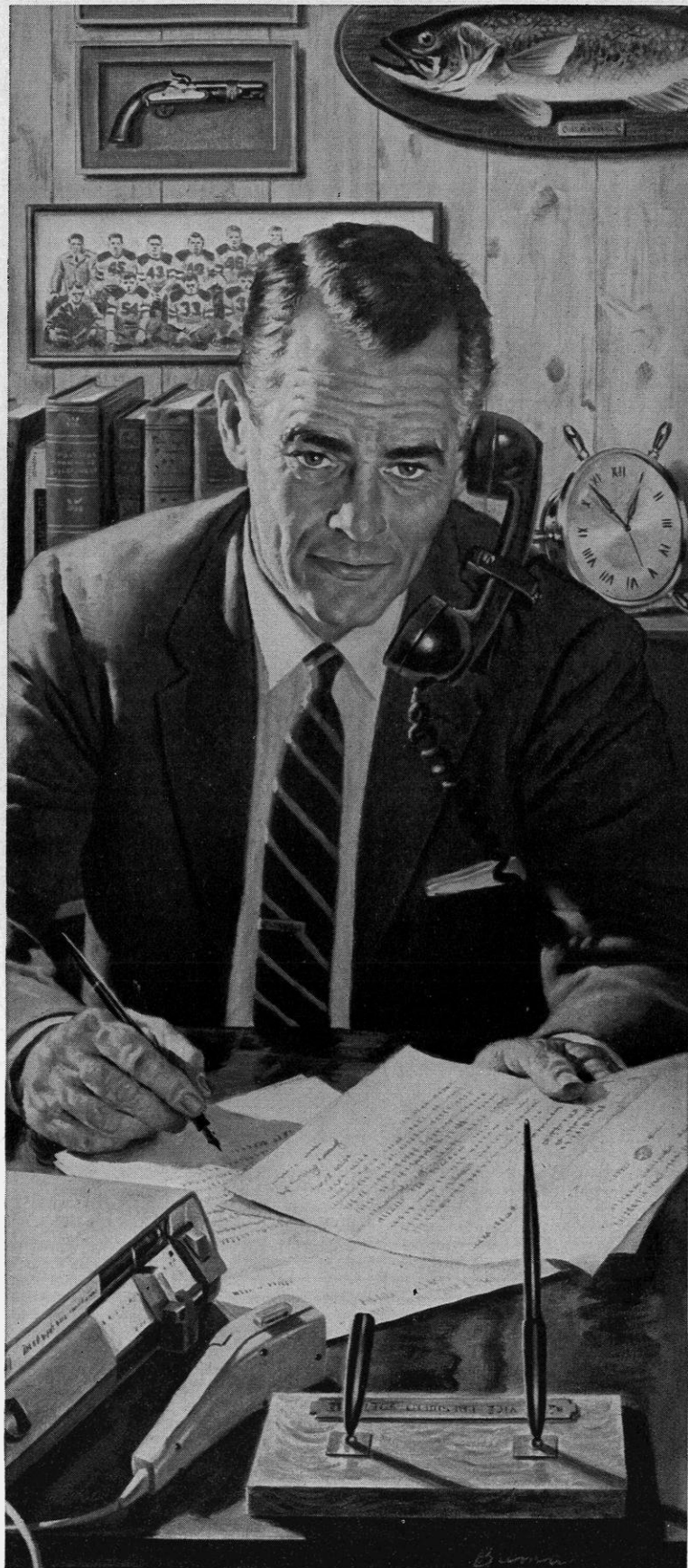
\*Dividend scale for 1961 increased 12½% over 1960.

# Connecticut Mutual Life

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# Keeping in Touch with Wisconsin

ON SEPTEMBER 11 the University started its fall semester with a record enrollment of 31,333. This is the first time that enrollment has gone over the 30,000 mark.

Final registration figures, of course, are not available as this copy goes to the printer. Best figures now available show enrollment as follows: Madison Campus 20,118; University of Wisconsin-Milwaukee 8,665; Extension Centers 2,550. Total 31,333.

In spite of this record enrollment, this year's freshman class will be smaller than last year's class by about two hundred. Advance registration figures show that there is a drop in non-resident freshmen.

Several reasons have been given for this decrease. One factor undoubtedly is the increase in non-resident fees from \$300 to \$362.50 per semester. Student fees for resident students are \$118 a semester. Another factor is the state law which gives dormitory preference to resident students. This is a state statute—not a University regulation.

For the first time in several years men students had more trouble finding rooms than woman students. In recent years University officials have had to issue urgent appeals to Madison residents asking for rooms for woman students. Some women have gone to other universities because they could not find rooms in Madison. This fall, however, the situation was reversed. Early in September, University authorities made an urgent plea to Madison residents for rooms for men. Fortunately, University authorities were able to report a prompt and favorable response to this appeal.

The co-ed housing situation this fall was brightened by several factors. The opening of Lowell Hall on Langdon Street provided rooms for 298 girls. Barnard Hall, which had been used for graduate students, was made available for 170 undergraduate women. Just in time for fall classes, the Susan Davis House at 919 West Johnson Street was opened for 53 woman students.

## Dormitory Rates Slightly Higher

Dormitory rates for the current academic year show a general increase of \$50. Rates for women are as follows: Elizabeth Waters—\$810 to \$870; Barnard—\$780 to \$850; Slichter, Cole and Elm Drive—\$830. Rates for men in Tripp Adams run from \$780 to \$850. Rates in Kronshage, Sullivan, Elm Drive B and C are \$830.

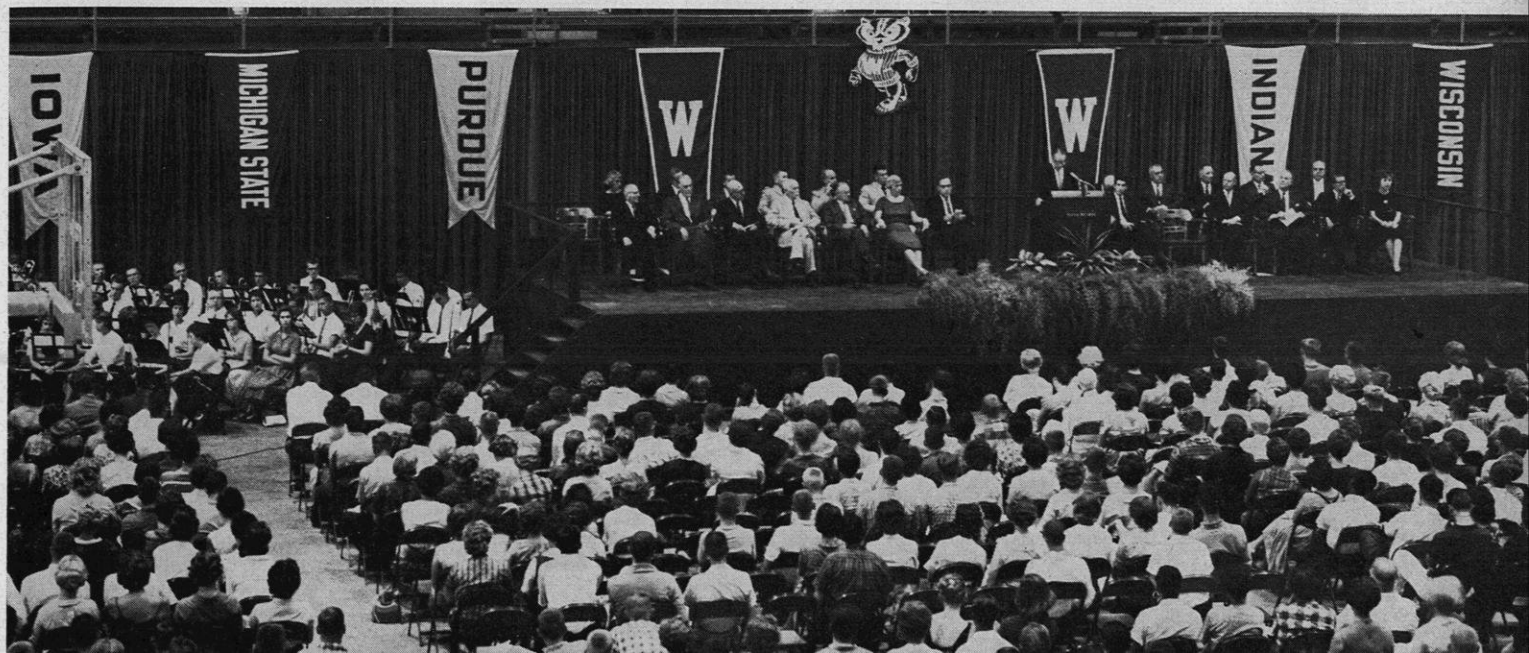
Dormitory capacities for this fall semester total 4,195 and 70 H.F.; divided as follows: men—2,136 and 39 H.F.; women—2,059 and 31 H.F. The University also has 648 apartments for married students.

With an enrollment of nearly 20,000 this fall only one student out of four will be able to live in a University dormitory or apartment. This is one of the reasons why the University is going ahead as fast as possible with additional dormitories in the area east of Park Street between University Avenue and Dayton Street. Preliminary plans for this area call for dormitories that will house approximately 4,000 students. These new dormitories will be tall buildings, something on the order of Chadbourne Hall which is eleven stories high and houses 678 woman students.

Several significant changes marked this year's registration period. First of all, the long lines that had become characteristic of registration week are pretty well gone. Some lines, of course, are inevitable, but pre-registration systems have cut down the long lines that were so common in the fifties. The University has done an excellent job in eliminating some of the headaches of the registration problem.

Another innovation shifted the President's Convocation from the first part of orientation week to the final day. This year's convocation was held in the Field House on Sunday afternoon, September 10, with President C. A. Elvehjem as the main speaker.—JOHN BERGE, *Executive Director*

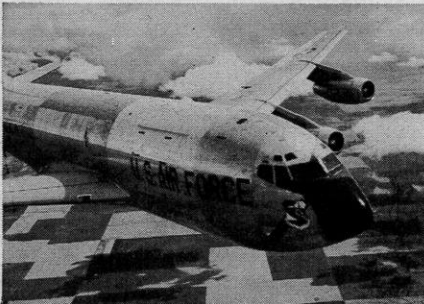
President Elvehjem addresses the 1961 Freshman Convocation



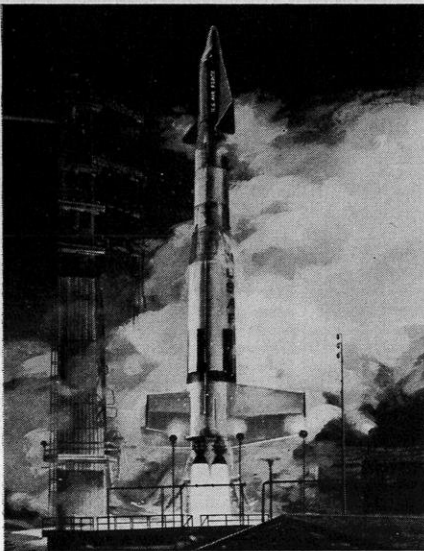




Drawing of newly announced short-to-medium range Boeing 727 jetliner. First 727 sale was largest in transportation history. More airlines have ordered—and re-ordered—more jetliners from Boeing than from any other manufacturer.



Boeing KC-135 jet tanker-transport is U. S. Air Force's principal aerial refueler. Thirty C-135 cargo-jet models of KC-135 have been ordered for Military Air Transport Service.



Dyna-Soar manned space glider is shown, in artist's concept, atop Titan ICBM for launching. Design will permit return for conventional landing. Boeing is prime contractor for glider and system.

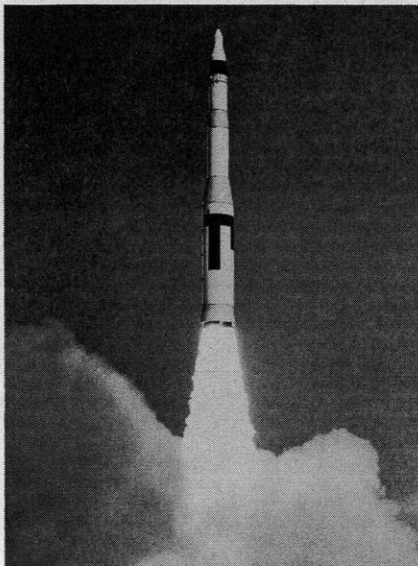


Boeing gas turbine engine powers this pleasure boat demonstrator. In other applications, Boeing engines power U. S. Navy boats and generators.

## CAREER BULLETIN FROM **BOEING**

The continuing expansion of advanced programs at Boeing offers outstanding career openings to graduates in engineering, scientific and management disciplines. At Boeing you'll find a professional climate conducive to deeply rewarding achievement and rapid advancement. You'll enjoy many advantages, including up-to-the-minute facilities, dynamic industry environment, and company-paid graduate study programs (Masters and Ph.D.).

*For further information, write today to Mr. Conrad E. Brodie, The Boeing Company, P.O. Box 3822 - UWI, Seattle 24, Washington. All qualified applicants will receive consideration for employment without regard to race, creed, color or national origin.*

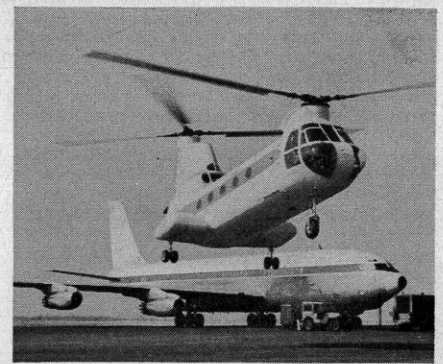


Minuteman, nation's first solid-fuel intercontinental ballistic missile, shown on initial flight—most successful first flight in missile history. Boeing holds major Minuteman contract responsibility



Boeing Scientific Research Laboratories where scientists expand the frontiers of knowledge in research in solid state physics, flight sciences, mathematics, plasma physics and geo-astronautics.

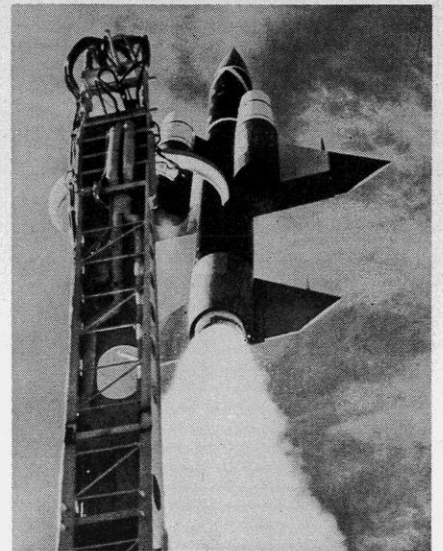
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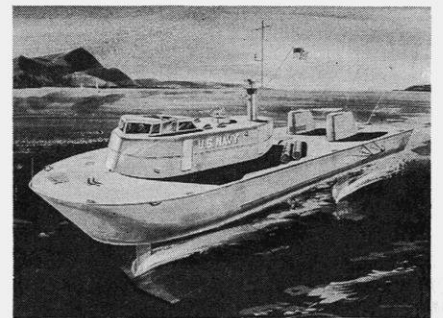
Boeing-Vertol 107 helicopter shown with famous Boeing 707 jetliner, world's most popular airliner. Boeing is world leader in jet transportation.



Boeing B-52H shown carrying mockups of Skybolt air-launch ballistic missiles. B-52s are also jet-fast platforms for Hound Dog guided missiles, and in addition carry regular load of gravity bombs.



Supersonic Boeing BOMARC, longest-range air defense missile in U. S. Air Force arsenal, is now operational at Air Defense Command bases. New "B" model has range of more than 400 miles.



Drawing of 115-foot hydrofoil craft Boeing is building for U. S. Navy. Riding out of water, craft will "fly" at speeds up to 45 knots on underwater wings.



# The Admissions Situation—1961

*the social and economic  
necessity of obtaining  
a college degree  
has created some  
unprecedented  
admissions problems*

THIS FALL, enrollment at the University of Wisconsin surpassed the 31,000 mark. Each year, this total enrollment figure grows. Each year, more and more students are applying for admittance to colleges and universities throughout the country. And each year, several of those who apply are disappointed at not being accepted.

The increasing importance of gaining entrance to a college and the increasing difficulty of doing so has created somewhat of a national panic among high school students and their parents. The resulting frantic scramble has placed an undue burden on the students. The pressures are such that, all too often, the students must orient their lives toward college even before they enter high school. Grades, the accepted barometer of college potential, are coveted to the point where the student sometimes loses sight of the original intent of education. Instead, he considers the college degree as a status symbol, a necessary credential that will open doors not accessible to the non-college graduate.

It is not our intent to analyze the sociological aspects of this problem within these pages. We would, however, like to make it clear what are the essential requirements for acceptance to the University of Wisconsin. In that light, we present the following three articles: a discussion of admission requirements and admissions policy; a story on Wisconsin's program for identifying and working with superior students; and a review of the cost factors involved in financing an education at the University.

We hope that this report will, in some way, aid those who intend to become the future alumni of the University of Wisconsin.



*How to go  
about being  
admitted to  
the University  
—Some  
thoughts on  
the future  
and the  
possible  
restriction  
of enrollments*

**G**AINING ADMISSION to the University of Wisconsin is neither an easy nor difficult task. There are, however, certain procedures to be followed and certain requirements to be satisfied before the prospective Wisconsin student can be issued a permit to register.

To best illustrate the workings of the admissions procedure, let's use the example of a new freshman student, that is a student who has had no previous college experience. How does he go about applying for admission to the University of Wisconsin? The first step is to secure an application blank from the Office of Admissions, 166 Bascom Hall, Madison 6, Wisconsin. Completing this blank and supplying the necessary supporting records is the first step towards admission to Wisconsin. (High school students are encouraged to apply as early as possible during their last semester in high school and *at least six weeks before* the beginning of the term they expect to start their studies at the University.)

Following the receipt of the application blank and records, the Admissions

Office makes an evaluation of the student's qualifications. For the qualified Wisconsin resident, the prospect of admission to the state university is virtually assured. Any student presenting an appropriate pattern of high school academic units who is the graduate of an accredited Wisconsin high school may be admitted to the University on the recommendation of his or her high school principal. If the student does not meet all the requirements, he may qualify for admission on the basis of test results.

Out-of-state students who wish to come to Wisconsin are faced with more rigid requirements. An out-of-state student must rank at least in the upper two-fifths among *high school graduates*. This does not mean that if the student ranks in the upper 40% of his graduating class he will automatically be admitted to the University. The upper two-fifths ranking is made on the basis of test scores and high school grades and is used as a basis of comparison with *all* high school graduates.



Registrar Paul L. Trump

## The Mechanics of Admission



To be fully qualified, the student (whether he be resident or out-of-state) must offer a total of 16 units of study broken down as follows: 3 units of English (or English and speech); 6 units (including 2 or 3 units each) from the fields of mathematics, foreign language, history and social studies, and natural sciences; and 7 units of other electives.

**C**URRENTLY, the Admissions Office also requires out-of-state students to submit test scores from the ACT test of the American College Testing Program or the SAT (Scholastic Aptitude Test) of the College Entrance Examination Board. Next year, every new student will be required to present his score on the ACT test before receiving a permit to register. The SAT may be substituted for this requirement, but the ACT must then be taken at a later date.

Since its development and use in 1959, the ACT test has proved to be an invaluable source of information for the student and the University. One of its functions is to help identify a student who might technically qualify, but for whom there is reason to question the advisability of admission. This student may meet admission requirements yet his chances of success in college are minimal. Once he is identified, through test results and through reports of his high school record, he can be brought to the campus for counseling. In this way, the usefulness of the ACT test is twofold: first, it gives the student more information about himself and his chances for success in the college plans he is considering; secondly, if the student decides to come to the University, he is more aware of the problem he faces.

Prof. Paul L. Trump, who is registrar and director of admissions at the University, explains, "In studies to date, the ACT test program appears to offer the most valid service available for use in predicting the level of grades the new student will earn here at the University of Wisconsin."

But the ACT test is not only helpful to the student; it is also a source of needed information for Prof. Trump and his Admissions Office staff. The test provides the raw material for (1) research into the qualifications of high school students and (2) the reporting

of data. These data, including computations derived from test scores and grades earned in high school, are considered to provide a much more reliable means of predicting success in college than in using a single criterion such as rank-in-class. In addition, the ACT test score is useful in determining placement in such subjects as math, English, science, etc.

When asked about the growing importance of testing in admissions, Prof. Trump commented: "The basic question (of testing) is to what extent you are able to predict success in college with sufficient reliability to warrant making decisions in individual cases. The possibilities of accurate prediction of success are much better and are increasing. The fact remains that you still can't certify with certainty that a given student will, or will not, do passing work in college. Predictions are good for groups but must be used with care in the case of individuals.

"We hope, through our testing program and through counseling, to help the student choose his college and educational program more wisely. If we help the student become aware of his potential, his strengths, and his limitations, then there is less of a possibility that he will experience a disappointment after making his choice."

**O**NCE A STUDENT has been accepted for admission to the University of Wisconsin, he is issued a permit to register. Then it becomes his responsibility, with the help of his adviser and the other University counseling services available to him, to carefully select the proper course of study which will best coincide with his own capabilities and his plans for a career. In spite of all the testing and preparation he has gone through, there are still many factors which will influence his chances of success. These qualities do not lend themselves to statistical analysis. Such elements as desire and a personal sense of responsibility are factors the student may have to assess for himself by comparing himself with his contemporaries in school.

But the mechanics of admission are only a part of the question. What looms large in this coming decade is the question of whether the University of Wisconsin will have to place restrictions

on enrollment because of the widening gap between enrollment and the facilities available for instruction.

Officially, no restrictions are scheduled. In this recent report on *The Future of the University*, the Regents said: "In the years ahead, enrollment at the University of Wisconsin is certain to increase rapidly. Although this increase will bring problems, the University should not put a ceiling on enrollment. Wisconsin and the nation urgently need trained young men and women; and qualified students should not be denied the right to attend their state University. We feel, therefore, that it is the duty and responsibility of the University to expand, while maintaining and, where possible, improving the quality of its offerings. Moreover, we feel that such expansion is in the best interests of the state."

**I**N REALITY, the situation may not be quite so promising. As Prof. Trump sees it, "It's entirely possible that the University will not be able to implement its admissions policy because the building program lags, staff budgets are inadequate, and sufficient student housing is not available. If it becomes necessary to institute some sort of selective admissions system, I think that the University should then assume the responsibility of providing spaces for the most qualified students.

"But this whole question of admissions policy is based on many factors. In our office, we are most interested in providing an accurate index whereby we can reliably predict a student's chances for varying levels of college work. The basic policy decisions will have to come through the faculty, administration, and the Regents."

Hopefully, the University of Wisconsin will continue to open its doors to all qualified students of the state who desire higher education, as well as those who are qualified from out-of-state. But as the problems facing the University continue to multiply, Wisconsin citizens and alumni must realize that it is only through continued and active support that the University will be able to uphold its high ideals and offer the maximum opportunity of a higher education to the sons and daughters of the citizens of the state.

## *The Wisconsin Program for Identifying*

# SUPERIOR STUDENTS

**A**N EXCITING EXPERIMENT in the discovery and guidance of superior secondary school students on a state-wide basis that may develop procedures for use at a national level is now in its fourth year at the University of Wisconsin. One thousand students are participating in the activities of the two branches of its Research and Guidance Laboratory for Superior Students in 1961. Thousands more will participate in future years while they are high school students or as graduates who have been counseled at the laboratory and are being followed into their post-high school careers. Their parents are cooperating in planning for their current and future education, their teachers and members of the University faculty are working with them on their educational and vocational decisions, and twelve staff members of the laboratory are testing and counseling them. This cooperative effort is providing for the most comprehensive research-through-service project in the discovery and guidance of superior students that has ever been attempted.

The Laboratory which began as a small cooperative pioneering project of the School of Education and the College of Engineering in February 1957 B. S. (Before Sputnik) is now an officially recognized part of the University. A committee composed of the deans of Letters and Science, Engineering, Education, and a representative of the Extension Division advises the co-directors of the Laboratory. The work on the Madison campus is done by a member of the School of Education and the College of Engineering and a staff of ten graduate students in guidance. At the Wausau branch, which was opened in September 1960, a former staff member of the Madison laboratory and one graduate student carry out the program.

The 91 cooperating high schools were those which responded to a note in the bulletin of the State Department of Public Instruction to the effect that the University would cooperate with schools in experimentation on the discovery and guidance of superior students. The number of schools which have asked to join in the experiment is at least as long as the list of participating schools, and it appears that it will be necessary to increase the number of laboratory branches. The current participating schools provide an excellent sample of the secondary schools of the state in terms of size and geographic distribution. In size the range is from schools with ten teachers to one with more than a hundred. This distribution is significant in view of the fact that most previous studies of superior students have been carried out in large cities or in large schools and the bright student in the small school has received scant attention. Students are brought to the Madison laboratory from some

communities more than 250 miles distant. The schools provide for all travel expenses of the students and staff members who accompany them.

Selection procedures used by the schools have become more effective over the past four years. Average scores of ninth grade students sent to the laboratory are in the 95 to 99th percentile range on form 1A of the School and College Ability Test. Their general performances in school, on other tests, and on written documents suggest that the schools are selecting students of high potential. Apparently teachers can recognize superior students when they are given assistance in doing so. And there is evidence to suggest that the process results in greater awareness of the characteristics of the total school populations from which the laboratory subjects are selected.

**T**HE DISCOVERY and guidance of superior students is an obligation of schools which cannot be delegated to any other agency. The laboratory can take only a sample of the students in any school, demonstrate methods with them, and encourage schools to use and expand upon such methods.

The students come to the laboratory for the first time as ninth graders. They continue to come for a full day at least once each year until they graduate from high school. During their visits the students are tested and counseled. They write personal documents so that counselors can assess their writing skills and learn more about their background, problems, and plans. The total performance of the day is interpreted to the student and all information obtained is shared with him. They are permitted to attend University classes and to visit various studios and laboratories. When a student is beginning to express interest in a particular subject-field, an interview is arranged for him with an authority in that field. "It was wonderful," said one tenth grade boy who had just had a conference with a world-famous authority on satellites, "to sit down with the professor and compare notes on what *we* were doing."

In some cases the students bring samples of their writing, art work, or other productions to the laboratory for assessment by experts. Professors provide constructive criticism and encouragement. All members of the University faculty who have been asked to confer with students, permit visits to their classes, and appraise their work, have responded with enthusiasm.

**A**FTER EACH STUDENT returns to his school, a laboratory report is sent to the principal. It describes in two or three pages the students' performances, problems and



plans and it ends with a number of suggestions to the school. Principals usually require each teacher who has the student in her classes to read the reports and participate in sessions in which they are discussed.

Members of the laboratory staff visit the school for a full day shortly after the reports have been sent to the schools. At this time they meet with the parents of all freshmen and seniors, and with parents of sophomores and juniors if conferences are requested. In most cases each father and mother has been seen separately to permit collection of research data and then both parents have been brought together for a discussion of their child's performances, problems and plans. Members of the laboratory staff also confer with the student's teachers and the day is completed with a faculty meeting at which each staff member presents a report on the student with whom he worked at the laboratory. Vigorous discussion of particular students and of general methods of identifying and guiding superior students usually follows.

The Laboratory staff plans to follow these students for many years through post-high school education and into

employment. Follow-up procedures are now being tried out and control groups of subjects from college classes have been selected. It is anticipated that some 250 new subjects will be added each year and that approximately the same number will be graduated.

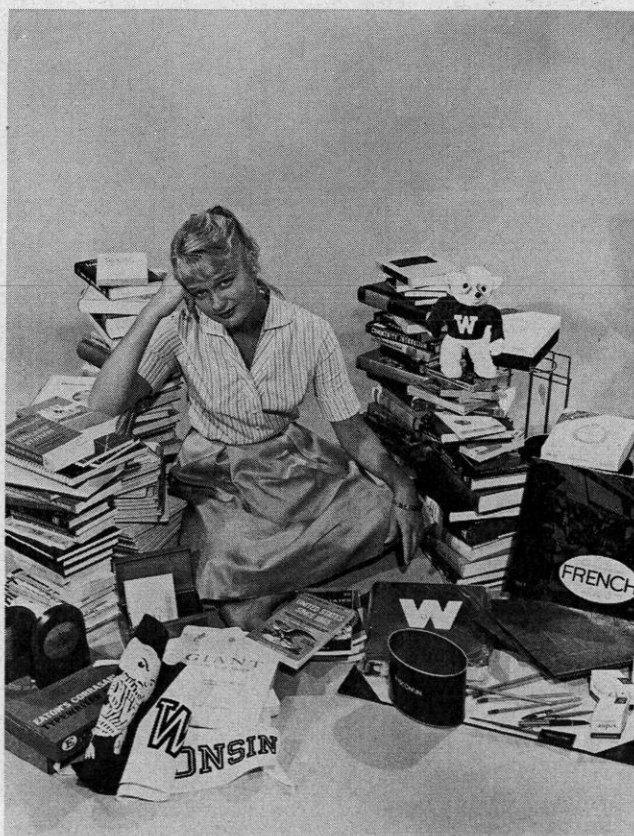
Total financial support for the laboratory has been provided by the University for its first three years and a grant from the Office of Education will support part of the research in 1960-1962. The essential financial support seems, at times, of less consequence than the encouragement and assistance by the hundreds of individuals who are involved. It seems that a task as important, as complex, and as challenging as the discovery and guidance of superior students requires joint action by many persons over a long period of time. Cooperative efforts by members of a university faculty, by high school personnel, by students, and by their parents appears to be essential if progress is to be made toward solution of the many problems that arise. Perhaps the "Wisconsin Idea" may be as useful in this area as it has been in many others. Perhaps it may be successful in other states.

# How Much Will it Cost?

*a survey of  
college expenses  
for resident and  
non-resident students*

ASIDE FROM ACADEMIC considerations, the prospective new student is often faced with the necessity of raising sufficient funds to see him through his four years in college. As enrollment climbs, so do the costs of higher education. In the case of private institutions, the rise in tuition and fees has been considerable over the past five years and future increases promise to be equally large. In the case of public institutions, such as the University of Wisconsin, the increases are not as great. However, costs continue to rise and students and their parents must take this into account when planning for college.

In order to get an idea of how much the average student can expect to spend during a year at the University, we talked to L. J. Lins, coordinator of institutional studies. Lins informed us that his office has just completed a study on costs. Taking a representative sampling



Surrounded by the textbooks and study materials she will need during her coming four years at the University of Wisconsin, Roberta Driessen, a UW freshman from Appleton, finds it all a bit overwhelming. Over the next four years, Miss Driessen will spend nearly \$8,000 in pursuit of her first college degree.



of non-resident and resident men and women, Lins came up with an average cost for the various categories of students. The following paragraphs are based on the findings of Prof. Lins' study and represent the average cost for one academic year.

All students are faced with certain fixed costs and there is little or no variance between what individual students can be expected to pay within these areas. First of all there is the tuition charge. At Wisconsin, this is a flat charge which includes, with a few minor exceptions, all fees the student is expected to pay. Currently, the charge is \$239 per year for residents and \$735 per year for non-residents. (While resident tuition and fees have increased only gradually during recent years, the non-resident figure has jumped \$200 within the last four years.)

These tuition costs are fixed on a basis of the overall cost to the University to educate a student for one year. Traditionally, the student pays 20% of the total costs, the remainder comes from legislative appropriation and other sources. Thus, as the cost per student goes up, one can look for commensurate increases in fees.

Closely linked to this question of tuition and fees is the cost of books and supplies. On the average, the students studied in the Lins report spent \$85 for the year on these items.

Aside from tuition and fees, the largest single expense incurred by students is that of room and board. Here there can be a wide variance of cost: some students live and eat in fraternities, sororities, and dormitories; some students live in independent housing and eat their meals in a restaurant or cafeteria; and some students live in an apartment and economize by cooking their own meals. Of the sample of 1960-61 Wisconsin students, the resident men spent the least for room and board. Their total expenses in this category averaged \$729, while the cost for resident women was \$809. Costs for the out-of-state student were understandably higher (only a small per cent of them may live in the University Residence Halls; the remainder must live and eat in private accommodations). The nonresident men averaged \$802, while the nonresident women hit a high average of \$1,007.

An addition to the room and board

costs in the case of several students is fraternity, sorority, and Residence Halls dues. Of course, these costs are assumed only by those who live in this type of housing and who belong to these organizations, and are optional as far as general college expenses are concerned.

While average cost for room and board may vary slightly among a cross-section of students, the averages for other, less fixed costs will vary a great deal. Some of these additional costs to be taken into consideration are:

**Travel**—Naturally, this expense is higher among out-of-state students (a \$130 average for men, \$164 for women). In addition to their travel from home to school, both resident and non-resident men spend close to \$20 a year for travel in Madison. Most of this is used up in dating and other social activities.

**Clothing, Laundry and Cleaning**—Expenses vary widely in this category because many students do their own laundry and several spend no money on new clothes during the school year. Also, women can be expected to spend a great deal more on clothing than men—the cost for the out-of-state women averaged \$229, while the resident man spent only \$76.

**Recreation and Entertainment**—This final category is an item which nearly every student reports as a part of his total college expenses. The cost in this category is usually much larger for the men—the women are customarily the beneficiaries of the men's generosity. The resident man spends an average of \$128, the nonresident \$164, while the women in the same categories spend less than 60% of the respective totals.

These are the principal categories, but there is a myriad of other supplementary expenses which can add to the total cost of a year in college. Such items as toothpaste, razor blades, and chewing gum may seem momentarily insignificant but, taken over a period of nine months, they add up.

**VIEWING THE PICTURE** in its total perspective, students at the University, on an average during the coming year, can expect to spend: resident men—\$1,462.60; resident women

—\$1,530; nonresident men—\$2,142; and nonresident women—\$2,409.

Who pays these costs? In a fairly significant majority of the cases studied, the individual student pays for a large percentage of the cost of his education. This is especially true among men, whereas women receive a great deal more financial help from their parents.

In addition to direct help from parents, students may contribute to the cost of their education through summer work and through working during the school year. (Nearly 50% of the men, both resident and non-resident, work at some time during the school year. Almost all of these students make use of the Student Employment Bureau, which provides valuable assistance in finding work at the University and in Madison.)

Another large factor in paying a percentage of the cost is the number of scholarships available. The average scholarship is \$250 while, in the case of an athlete who is on the grant-in-aid program, the total may exceed \$1,000. The final source of assistance is the student loan. Annually, the University loans thousands of dollars to students at low interest rates and on a liberalized repayment basis.

The resulting effect of these various factors is that the student has many ways in which he can supplement the funds he has available for his college expenses.

**WHAT OF THE FUTURE?** One thing is obvious, both enrollment and expenses are on the increase. According to the College Life Insurance Company of America, students in a public institution can expect to spend more than \$11,000 by 1970 and \$15,000 or more by 1980. Granted, these figures represent long-range forecasts, but even so, they are disquieting for parents who will have one or more children coming of college age during that period.

It is a known fact that more and more students will be attending college in the future, because more and more students are becoming aware of the importance and value of a college education. Competition for college spaces will increase as will costs; but the prospective college student of the future will be better informed and, therefore, more adequately equipped to meet the challenges of higher education.

*Wisconsin Alumnus, October, 1961*

## Regents Approve Record

# 1961-62 Budget

A UNIVERSITY of Wisconsin budget for all operations in 1961-62 totaling \$72,262,142, with \$28,512,379 from state tax funds and \$43,749,763 from all other receipts, has been approved by University Regents to launch the University into what Pres. Conrad A. Elvehjem called "its most challenging year."

Higher by \$9,289,664 than the 1960-61 budget, the new sum will enable the University to teach 1,875 additional students, with gifts, grants, contracts, and earnings allowing modest expansion in research and adult education, and to give almost every member of its faculty and staff a salary increase.

Staff increases were those provided by the Legislature for all state employees, averaging about 4 per cent. Faculty salary increases averaged 7 per cent with 3 per cent of the increase spread "across the board" as the Legislature directed, 4 per cent awarded individually on a merit basis.

Of the \$72,262,142 total budget, \$28,512,379 will come from state appropriations, \$2,379,274 from federal land grant appropriations. The remainder will come from student fees and other charges and balances, gifts and grants, and the earnings of such auxiliaries as the dormitories, the Union, and intercollegiate athletics.

Student fees for Wisconsin residents were set, by agreement with the Legislature, at \$236 per year; fees and tuitions for out-of-state students will total \$725 per year, an increase for Wisconsin students of \$16, for out-of-state students of \$125.

Among aspects of the budget called to Regent attention by Pres. Elvehjem was "considerable improvement budgeted for our Freshman-Sophomore Centers, keeping faith with those communities which have put up their own funds to improve these facilities out in the state."

He also stressed aid to the University of Wisconsin-Milwaukee and cited as an example the fact that of the 24

additional clerical positions allowed by the Legislature, 12 went to the Milwaukee campus, which he said was "disproportionate to the operations but, we believe, proportionate to the need."

Improvements listed in the budget detail included these:

1. Additional staff for strengthening the instructional program in the upper divisions in Milwaukee and in the sciences in the Centers, \$100,500;
2. Additional clerical staff to relieve faculty for professional and scholarly work, \$38,880 in Milwaukee, \$38,880 in Madison;
3. Provision for mechanization, by 1963, of student records in Madison, \$33,941;
4. Continuation of the expansion of library acquisitions and staff begun in 1959, \$25,823 in Milwaukee, \$89,732 in Madison and the Centers;
5. Extension improvement in Milwaukee, \$30,000, and staff strengthening for the Cooperative Agricultural Extension Service, \$15,000;
6. Improvement in building maintenance, \$113,124.

Salary increases, Pres. Elvehjem stressed, were the most important improvements allowed in the budget. He said that they enabled the University to retain faculty members who had been offered \$3,000 to \$5,000 increases by other institutions. He made a particular point of his gratitude for the Legislature's increasing the faculty salary improvement allowance from 5 per cent to 7.

"It was not the dollars," he said, "but the evidence the Legislature gave that the state of Wisconsin continues to be interested in maintaining a great institution."

A breakdown of merit increases indicated that 16 faculty members received raises higher than \$2,500; 52 received raises of from \$1,501 to \$2,500;

116 of from \$1,001 to \$1,500; 669 of from \$501 to \$1,000; 917 got \$500 or less. A total of 655 members of the faculty—27 per cent—received no merit increases but did get the 3 per cent "across the board" raise.

The 16 faculty members receiving the highest merit increases included 6 physics professors: Myron L. Good, \$4,930; William F. Fry, \$3,930; Raymond G. Herb, \$3,810; Henry H. Barschall, \$3,020; William D. Walker, \$2,680; and Robert G. Sachs, \$2,550.

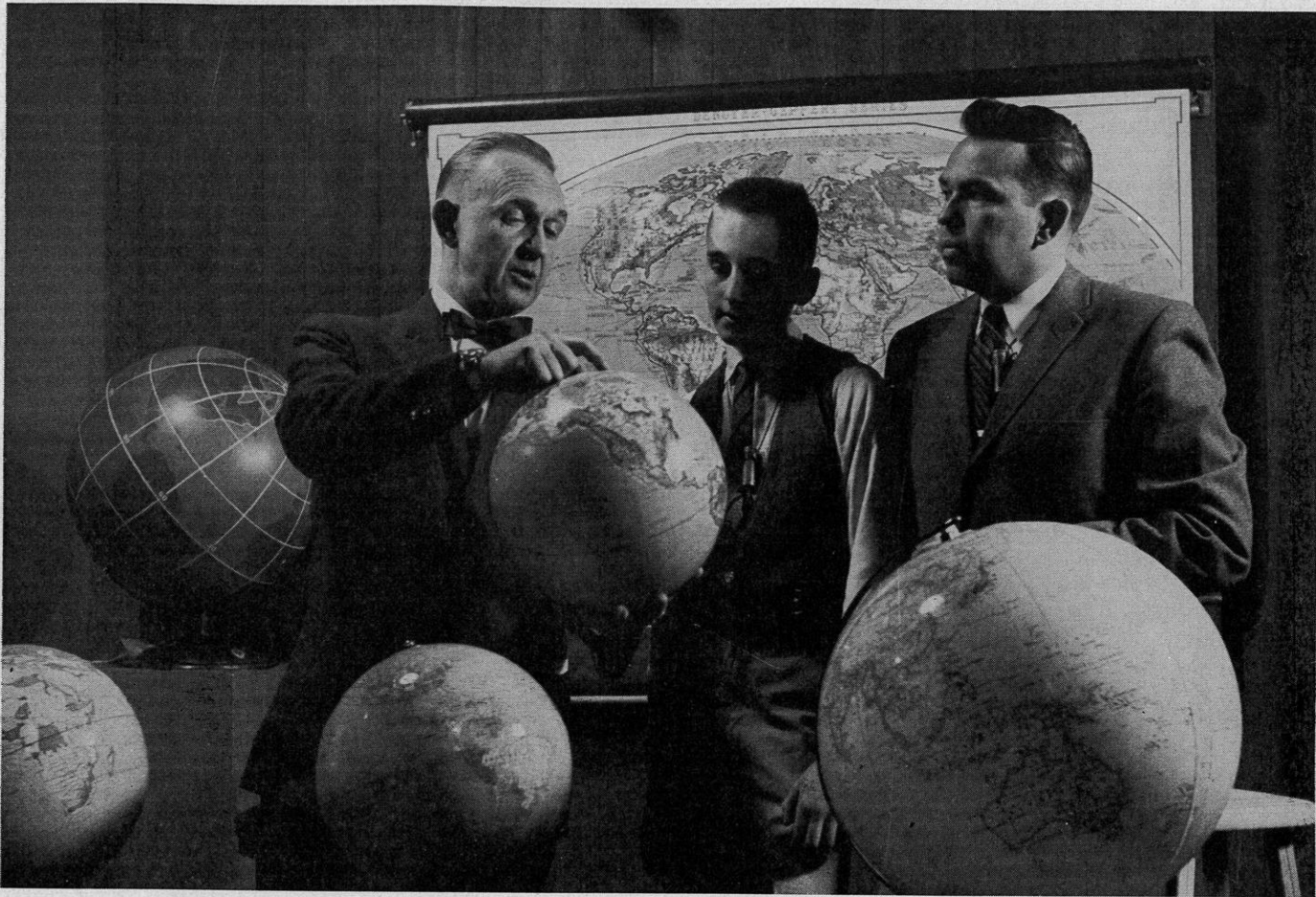
Other faculty members among the 1 per cent getting highest merit increases were Profs. Laurence C. Young, mathematics, \$4,240; Eugene E. Van Tamen, chemistry, \$3,810; R. H. Bing, mathematics, \$3,510; Fred H. Harrington, vice president, \$3,340; Lowell E. Hokin, physiological chemistry, \$3,300; Creighton R. Buck, mathematics, \$3,190; Conrad A. Elvehjem, president, \$3,160; William H. Sewell, sociology, \$2,940; John D. Ferry, chemistry, \$2,640; and Nathan P. Feinsinger, law, \$2,600.

The increases brought the estimated average salaries of professors to \$11,773, associate professors to \$8,846, assistant professors to \$7,325, and instructors to \$5,906.

The budget revealed that the highest administrative salaries next year will go to Pres. Elvehjem, \$32,000; Vice Pres. Fred H. Harrington, \$26,000; and to UW-Milwaukee Provost J. Martin Klotsche, \$22,500. All are on the 12-month basis. Highest academic year salaries for faculty members in the budget will go to Profs. Merle Curti, history, \$20,000; Harry F. Harlow, psychology, \$19,000; Rudolph H. Bing, mathematics, and Raymond G. Herb, physics, both \$18,500; James S. Watrous, art history, \$18,250; and Carl R. Rogers, psychiatry and psychology, \$18,000.

In a separate action, the Regents approved a \$6,848,437 budget for University Hospitals operations in 1961-62 with all costs to be paid from receipts for medical services, including the costs the state and counties pay for the care of state patients. The budget anticipates an increase in hospital charges to keep its operations "in the black" in the face of salary increases and other rising costs and the Regents approved a formal request for the rate increases.





Effective use of audio-visual aids is an important part of modern teaching methods. Here the technique is demonstrated by Prof. Charles Schuller, Michigan State University, to Tom Carleton, a student at Van Hise School in Madison, and John Reynoldson, administrative assistant, Madison Public Schools.

# *The Revolution in Teaching*

by Walter Bunge

ON A DARK, chill night last February, a group of revolutionists assembled in a Midwestern city to hear a Wisconsin man strike out against the status quo.

The revolutionaries were armed, not with guns, but with ideas. The city was Chicago and the speaker was Dean Lindley J. Stiles of the University of Wisconsin School of Education.

Speaking to a group of top American educators, he reminded them that U. S. schools are undergoing a vital, if at times uneasy, revolution in instruction.

The revolution isn't new. In his Chicago speech Dean Stiles traced it to World War II—though he said seeds were planted as far back as the turn of the century. But the revolt, if not new, is more alive than ever. Today, in fact, the revolution works such rapid changes that teachers in the field for more than a year probably aren't familiar with all the latest instructional techniques they could use.

In contemporary Wisconsin classrooms, as in classrooms throughout the United States, there is plenty of external evidence that teaching isn't what it used to be.

Television sets are ready behind mahogany panels to receive daily instructional programs, movie screens coil above blackboards, tape recorders whirl into motion spouting language or music, punch cards condense everything a teacher wants to know about his pupil into a series of tiny holes, and machines teach spelling, languages and shorthand with minimal aid from flesh-and-blood instructors.

Changes in teaching techniques aren't limited to electronic devices. Some Wisconsin schools employ "teams" in which each member has a teaching specialty. Some teams are aided by "instructional" secretaries who mark absences, correct themes and exams, distribute milk, and perform other non-teaching chores which consume much of the teacher's time.

Even the traditional class of thirty students, traceable at

least as far back as the sixth century, is no longer sacrosanct. Scholars are experimenting with classes that range in size from one to 90 pupils.

Wisconsin's School of Education hasn't cornered the market on revolutionists evolving new teaching theories, but its researchers are investigating so many ideas and are forging so many new hypotheses that the School draws the spotlight whenever and wherever forerunners in education gather.

Directed by Dean Stiles, and with the aid of internationally-known educator John Guy Fowlkes, the School is a leader in research into new ways to teach the child, the adolescent and the adult.

Generating new instructional techniques and testing these ideas go on constantly at Wisconsin. Thousands of dollars (\$800,000 this year), distributed by government and private foundations, aid the School search for better ways to teach.

**T**HE REVOLUTION UNDERWAY in Wisconsin schools, and in schools throughout the nation, has horrified some defenders of the pedagogical status quo. They argue that America has one of the best educated populations in the world, accomplished by methods used for decades—even for centuries. Why change?

Counter-arguments come from leaders like John Guy Fowlkes who wrote recently that, "The old methods that withstand the barrage will be reaffirmed. But the old practices that prove false will be replaced, I think, by more efficient ones in the exciting years ahead."

Specifically, what is going on at the University today to make teaching more efficient and effective?

The most spectacular recent experiment was launched in February when an auditorium on the Madison campus became a "telemation laboratory." Utilizing all new equipment available, the laboratory could conceivably replace the human professor. Slides, movies, kinescopes, can automatically appear before the class. A tape recorder can deliver the lecture. An electronic programming machine can operate all of the equipment by "reading" information fed to it on punch cards prepared in advance, can even tune in a TV receiver at the appropriate time.

The classroom is an experiment, not a final product ready for every school. As now operated, the equipment is used only to supplement the "live" lecturer. It is one of numerous studies supported by the Wisconsin Improvement Program, a project of the School of Education that got rolling with a \$625,000 Ford Foundation grant in 1959 and was set up to seek ways, in cooperation with Wisconsin school systems, to improve teaching.

Describing the "automation" experiment, Fowlkes, who is director of the Improvement Program, said that he hoped that, among other things, it would show educators rapid and efficient means to teach larger groups.

U. S. Schools have utilized classroom television teaching for eight years but much remains to be learned about its

Television is able to create a French mood for classrooms using the University of Wisconsin course in French sponsored by the Wisconsin Improvement Program. Here, Edith O'Connor, television teacher, gets last minute instruction from WHA-TV floor manager, Jerry Madden.





techniques and its effectiveness. Television courses are produced in Madison by University station WHA-TV in cooperation with department faculty members. Tested during the spring semester was a French TV course for junior high students. Twice weekly the lessons supplemented regular classroom lectures. The departments of French and education joined talents with WHA-TV to create the course under the direction of UW teacher Helene Monod Cassidy. Background props and perfectly spoken French mentally transport the students to France for 15-minute bi-weekly lessons that supplement classroom work with specially designed textbooks—the first TV language course in the country to integrate textbook, classroom study and TV lessons.

Television is not only used to teach students, it is used to teach teachers. A "first" is a TV series produced under the direction of UW Prof. Walter Wittich. This fall the series will reach 15 major viewing areas in the U. S., providing teachers with on-the-job instruction in audio visual education. If enrolled in the course they'll receive college credit.

**I**N ANOTHER PIONEER experiment, closed circuit television last year at the University was an aid to instructing education students. The future teachers observed an eighth grade social studies class weekly, giving the students advantages not available through the old method of personally visiting the class. For example, teletapes were preserved for future study, many more people were able to watch the TV receiver than could squeeze into a classroom, and students could second-guess the teacher's methods after the class was over, comparing them with classmates' reactions.

Another TV course is attempting to instruct teacher and pupil simultaneously. The technique was tried this past year with Madison and Milwaukee area pupils and their teachers. UW graduate students taught TV courses in arithmetic and algebra, using a new system. The classroom teacher picked up the new techniques while students learned the lesson. Prof. Henry Van Engen, director of the project, said, "Science is moving so rapidly that schools can't educate teachers fast enough unless they teach them and their pupils new ideas at the same time."

Perhaps the most important argument in favor of television teaching has been that a highly effective teacher can be shared with more than a single class or a single school. The teacher is available to a wide audience but pupils still retain their own classroom teacher and a personal identifying relationship.

National network broadcasts of courses in school work represent a universal application of this concept. Only slightly less inclusive is the Midwest Program on Airborne Television Instruction (MPATI), developed with the help of seven UW faculty members, including Prof. John Guy Fowlkes, Prof. Burton Kreitlow, Dr. Fred Harrington, Prof. Wilson Thiede, Arlene McKellar, Prof. Clarence Schoenfeld and Prof. William Harley.

MPATI operates two airplanes (flying TV transmitters) that circle over central Indiana broadcasting a variety of educational TV courses to schools in a wide radius, including southeastern Wisconsin. The flying studio can broadcast to an area that would require about fourteen conventional transmitters to cover.

Obviously, electronic equipment plays a major role in the teaching revolution in Wisconsin and throughout the United States and, next to movie and slide projectors, television is the most universal, single electronic educational device in use today.

In spite of the emphasis on this equipment, however, human teachers are far from becoming a superfluity in the education market. The machines, educators are quick to emphasize, help the instructor teach, not vice versa. In fact, educators believe the teacher has even more importance in a machine age—to maintain the important personal element in education, among other reasons. This is recognized at Wisconsin.

Teacher training methods are continually scrutinized, for example. A new "block system" for potential high school teachers was initiated recently. Formerly a student teacher was assigned to a classroom each day for a semester of practice teaching, frequently at Wisconsin High School. Now, all elementary and high school student teachers are assigned schools within a 50-mile radius of Madison for a seven week "block" of time during which they teach full time, an opportunity to savor the teacher's life.

**A** NEW PROGRAM inaugurated recently for graduate students is directed by Prof. Norman Boyan. Under the system, college graduates with no education courses but with a desire to teach may work toward a master's degree and a teaching certificate by taking prescribed courses for two summer sessions and an academic year, "interning" for a full semester in state schools. They serve with instructional teams under the supervision of the University and a local "master" teacher.

Single tape recorders and complex multi-channel tape

Filmstrips play an important part in the modern classroom. In this photo Dean Lindley J. Stiles, School of Education, left, and Prof. Lola Pierstorff, director of the School of Education Library Services, receive a shipment of film from C. J. Krumm, Wisconsin representative for the Encyclopedia Britannica.



machines are used to teach, among other things, languages and shorthand. Students listen over individual earphones to instructions and information fed by the teacher through the apparatus.

As an example, a recent experiment conducted by Prof. Russell J. Hosler resulted in a new method to teach shorthand. Multiple-channel tape-teaching machines connected to 30 listening units give dictation at four speeds simultaneously. While the class takes down dictation, the teacher can offer individual help to students.

Teaching machines will be appraised this fall at Washington School, the elementary laboratory school in Madison headed by Prof. Philip Lambert. The machines are devices to help teach certain subjects by placing the material to be learned, together with questions and answers, on a continuous roll moved through the machine at speeds chosen by the students. After the machine poses a question, the answer follows immediately—thus no delay in learning the answer.

One of the widest-known current research projects into new teaching methods and services at the University is the Cooperative Education Research and Services (CERS), headed by Dr. Howard Wakefield. CERS works with school systems throughout the state to help solve education problems. CERS projects have dealt with such topics as teaching gifted children, school site studies, improvement of motor development in elementary school children, paced learning in arithmetic, the phonetic approach to reading, teaching deviate children, and curriculum studies.

In adult education, the traditional and the new are linked. Director L. H. Adolfson of the University Extension Division has said, "We are trying to develop new and more effective approaches to home study by revamping our teaching guides and by experimenting with the use of such devices as tapes, records and short films that can be sent to the student to increase our effectiveness and his interest."

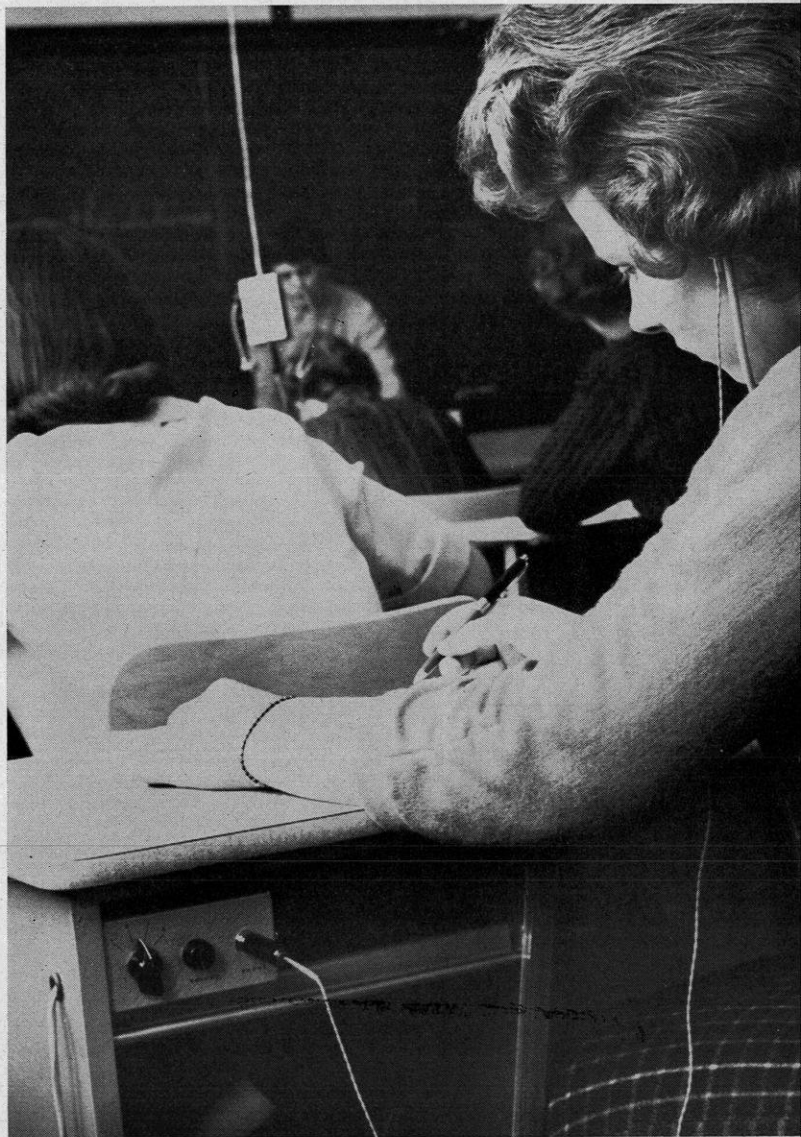
In another shift away from the orthodox, rote memorization is deemphasized, at least in a science course taught for the first time in 1960-61 at the University's Wisconsin High School. Teacher Eugene Gennaro called it the "most drastic change ever made in a biology course." He pointed especially to emphasis on thinking over memorization, on student lab projects over lectures.

**P**ROFESSORS and their graduate student assistants at Wisconsin work continuously on new ideas, check new theories, experiment with new methods, not all of which have been discussed here. Many products of their probes into the uninvestigated areas of learning eventually find their way into Wisconsin classrooms and America's classrooms. Often there is a delay between discovery and application because many teachers hesitate to adopt a new technique not used by their colleagues. But there is less delay today in adopting new, proven ideas than there was not long ago when it was said that fifty years lapsed before a new educational idea gained general acceptance.

At the conclusion of his Chicago speech to educators, Dean Stiles said, "For those who are inclined to stand with the past or to defend theory and practice of instruction developed during the first half of this century, the assignment is to prove that the established is superior to the proposed.

"For others who choose the role of the revolutionist, the challenge is to demonstrate objectively that new ideas, new organizations of instruction, new procedures, and new aids to teaching can contribute significantly to both enduring and new objectives."

The revolution in teaching methods will continue in Wisconsin and the United States as long as there are educators



A student at East High School in Madison takes dictation from a multiple-channel device which permits her to select one of four speeds, depending on her ability. The study of the use of dictation equipment is a part of the Wisconsin Improvement Program experiment to improve teaching. Prof. Russell Hosler is in charge of the experiment in business teaching.

who aren't satisfied with the status quo, who believe there are better ways to teach. In an age jammed with more knowledge than any one person can acquire in a lifetime, educators will continue to find new techniques of teaching more in a shorter time. Revolutionists at the University School of Education are leaders in the search for these new techniques.



*a profile of Wisconsin's  
favorite animal*

## *The Badger*



*The Japanese think of the badger  
as a character who likes  
wine, moonlight, and good living.*

ON A GIVEN AUTUMN Saturday afternoon in Madison, thousands of University of Wisconsin football fans need only the sight of a member of the cheerleading squad dressed up as Bucky Badger to bring them to their feet. These fans will then wildly cheer this anthropomorphic badger because, to them, he represents the spirit of Wisconsin.

To the uninitiated, this type of behavior may seem somewhat totemistic, but to the seasoned Wisconsin fan, it is all a part of the ritual that accompanies a Big Ten football Saturday afternoon.

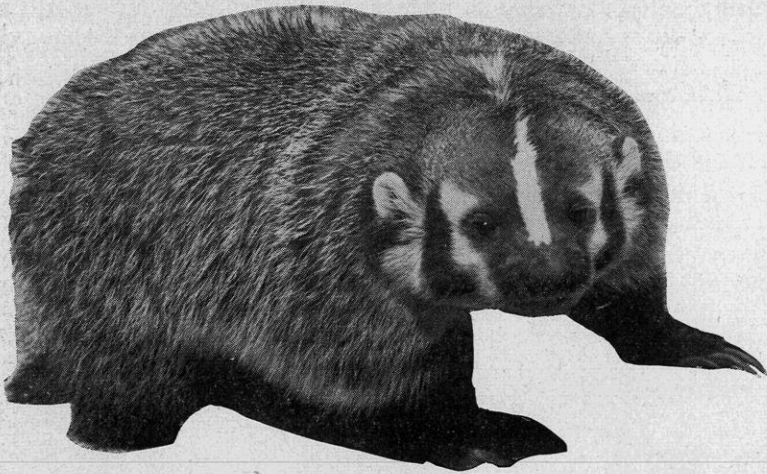
But why should Wisconsin be so closely identified with the badger? According to Harley H. T. Jackson, whose massive book—*Mammals of Wisconsin*—contains a thorough description of the badger and his habits, badgers are not noticeably prevalent in the state. (The total badger population of Wisconsin is never concentrated in any given area and varies between five- and twenty-thousand.) Thus, Wisconsin can lay no special claim to being the Badger State because of the numerical abundance of the animals within the boundaries of the state.

It is history rather than nature that gives us the best answer as to the link between the badger and Wisconsin. The association between the state and the animal is derived from the working habits of the lead miners who populated the area around Platteville over a hundred years ago. In many ways, this hardy group of men imitated the habits of the badger. During the long Wisconsin winters, the miners occupied makeshift burrows to shelter them from the cold; on the job, they dug holes and tunneled into the ground in search of the lead ore.

While similar to the lead miners in their hardiness, the University of Wisconsin football team prefers to be compared with the badger for other reasons: "Belligerent, stubborn, strong, energetic, and persistent as a fighter, the badger can master any animal its size," says Jackson. With this in mind, the Wisconsin Badgers do battle every fall with such an odd assortment of foes as: Wildcats, Hawks, Owls, Nittany Lions, Gophers, and Wolverines.

ALTHOUGH MOST WISCONSIN residents don't realize it, the badger

*Wisconsin Alumnus, October, 1961*



*"Belligerent . . . strong, energetic . . . the badger can master any animal its size."*

didn't become the official state animal until just over four years ago.

On January 30, 1957, Bill 76A was introduced to the Legislature. The bill read: "The Wisconsin state animal is the badger (*Taxidea taxus*), long adopted as a mascot of the University of Wisconsin football team and fondly referred to by Wisconsin fans as 'Bucky Badger.'"

The driving force for the introduction of this bill came from a group of Jefferson school children who, after reading *Badger History*, a publication of the State Historical Society, discovered that their favorite animal was only the state mascot and that no one had bothered to make him the state animal. Following their discovery, the school children—Leslie Smith, and Kristin, Greg and Erik Gilbertson—appealed to their assemblyman, Byron Wackett, to draw up legislation that would install the badger as the official state animal.

Although the badger seemed the odds-on favorite for the title, it was not as easy as it seemed. A considerable group of animal lovers favored the white-tailed deer over the badger. After a few skirmishes, a compromise was reached—the badger would be named the official state animal, and the white-tailed deer would be designated as the official wildlife animal.

It was a proud day then for the Jefferson school children as they watched Gov. Vernon Thomson sign their "Bucky Badger Bill" into law.

**T**HE BADGER itself is an animal about as big as a medium-sized dog.

It is squat, with a broad body and short, muscular legs and neck. Because of the peculiarity of his stature, the badger has often been described as resembling a doormat.

The badger lives in a burrow which he digs himself and which is usually located in "grasslands, sandy fields, and pastures;" but he is also found in "brushland and open woodlots."

Like many a playboy, the badger is nocturnal in his habits and will seldom venture forth from his burrow on a bright, shiny day. The badger also has an acute sense of hearing and smell and, for that reason, naturalists find it hard to observe him during his nighttime activity. But when he feels no imminent sense of danger, the badger will let his guard down and go for a frolic with his family—a favorite entertainment is romping around tree trunks or over fallen logs.

The badger secures his food at night. Being omnivorous, he has a gourmet's taste for such delicacies as: rabbits, mice, rats, moles and hedgehogs, insects, wasps and bees, and earthworms. And, in spite of his rather rapacious dining habits, the badger is noted for the cleanliness of his habits.

Through the years, an aura of myth has grown up around the badger. He has been accused of being a wholesale slaughterer of poultry; is thought to hibernate during the winter; and his fur is considered a valuable ingredient in the composition of quality shaving brushes. While the first two statements are, for the most part, old wives' tales, the latter holds some credibility—how-

ever, it is the fur of the European badger that is used for shaving brushes and not that of his American cousin.

Because these myths have often been allowed to go without contradiction, the badger has suffered torment from his worst enemy—man. In England, "badger baiting" with dogs was once considered great sport. (But many of the dogs didn't think so after their first encounter with a belligerent badger.) Both in Europe and in America, badgers are often trapped, struck by automobiles, or drowned by people who are ignorant of their value. But, perhaps the most degrading indignity the badger suffers, is the one he shares with man. The badger is an ideal host to *Pulex irritans*—fleas!



*The University's favorite  
—Bucky Badger.*

**T**HE BADGER has often appeared in literature. The most notable example is lovable old Badger who shuffles through the pages of Kenneth Grahame's *Wind in the Willows*. And, while Wisconsinites tend to admire him for his ferocious courage, the Japanese think of the badger as possessing an appreciation of good living. As the Japanese conceive of him, the badger is a mellow character who likes wine and moonlight.

But for all the stories, Jackson best sums up the nature and worth of our friend: "The badger, emblem of the Badger State, has not only sentimental value but is a useful animal in that it spends a large part of its time unearthing and devouring injurious rodent pests, thus saving quantities of grain and other crops from destruction. It is one of the most beneficial and least harmful of Wisconsin mammals."



*The University's face  
is undergoing a  
daily change as the  
sound of construction  
pervades the campus*

**B**UILDING PLANS continue to develop apace at the University of Wisconsin as efforts are being made to cope with the unprecedented demands which will be placed on University facilities during the coming years.

Buildings now under construction on the Madison campus include: Social Studies, Chemistry, and Extension. In Milwaukee, the newly-built Science Building will be used for the first time this fall as will be the recently-remodeled Downer Seminary property, now owned by the University. Also, con-

struction is continuing on the Fine Arts building at the UW-M.

Recently completed buildings which will be ready for use at Madison this fall are: Lowell Hall, a private, women's dormitory which will house 298 University women, and the new Law Library addition which provides badly needed shelf and study space.

But this is only a part of the overall picture. The buildings soon to be constructed or in the preliminary planning stage are an even greater indication of the changes that are to come.

# Building BOOM

## *Continues at the University*

Construction has begun on Van Vleck Hall, the new mathematics building which will be located on the slope of Bascom Hill between Birge, Sterling, and Bascom Halls.



For the immediate future, the following buildings loom large: ground has been broken and construction has begun on Van Vleck Hall, the new \$2.7-million mathematics-physics building which is being built on the slope of Bascom Hill between Bascom and Sterling Halls. Also, the Regents have approved final plans for a new \$502,000 Hydrobiology Building to be located on the Lake Mendota shoreline just west of the University Pumping Station at the end of North Park Street; and the Regents have approved final plans for the \$1.8-million Genetics Building to be constructed between Wisconsin High School and the State Laboratory of Hygiene on Henry Mall.

In addition, the Regents have given approval of preliminary plans and the go-ahead on the preparation of final plans and specifications for the construction of a two-unit, ten-floor dormitory to be built southeast of the campus in the block bounded by Park, Johnson, Murray, and Dayton streets. The new unit will house 1,134 students and is expected to cost nearly \$7-million. Funds for the new dormitory are to be financed in part by a federal loan and in part by private borrowing or bonds. The cost will be repaid over the years by the student residents.

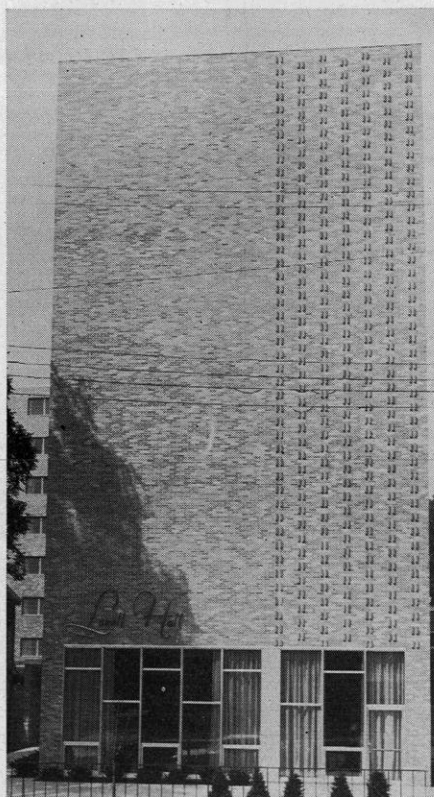
Buildings in the preliminary plans stage are: Cancer Research (\$2.5-million), Clinical Cancer Research Addition (\$448,000), Veterinary Science (\$1.4-million), Zoology Research (\$1.5-million), and Central Primate Laboratory (\$1.3-million). All of these buildings will be financed through grants from either the National Institutes of Health, the National Science Foundation, or the Wisconsin Alumni Research Foundation, or gifts and grants from other sources.

In Milwaukee, funds are being raised for a \$1.8-million expansion of the present Union. The expansion is designed to make the facility a University of Wisconsin-Milwaukee Community Center which will serve both the University and the Milwaukee community.

Although the present building program seems overwhelming, the Campus Planning Committee warns that it is only a portion of the new construction that will be needed to take care of the University's demands by 1970.

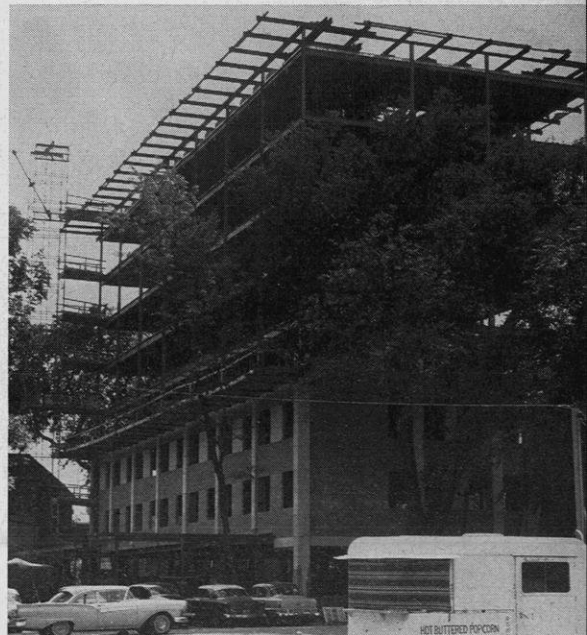


The temporary ugliness of steel beams and construction equipment used in the construction of the new Social Studies Building, surrounds the Carillon Tower.

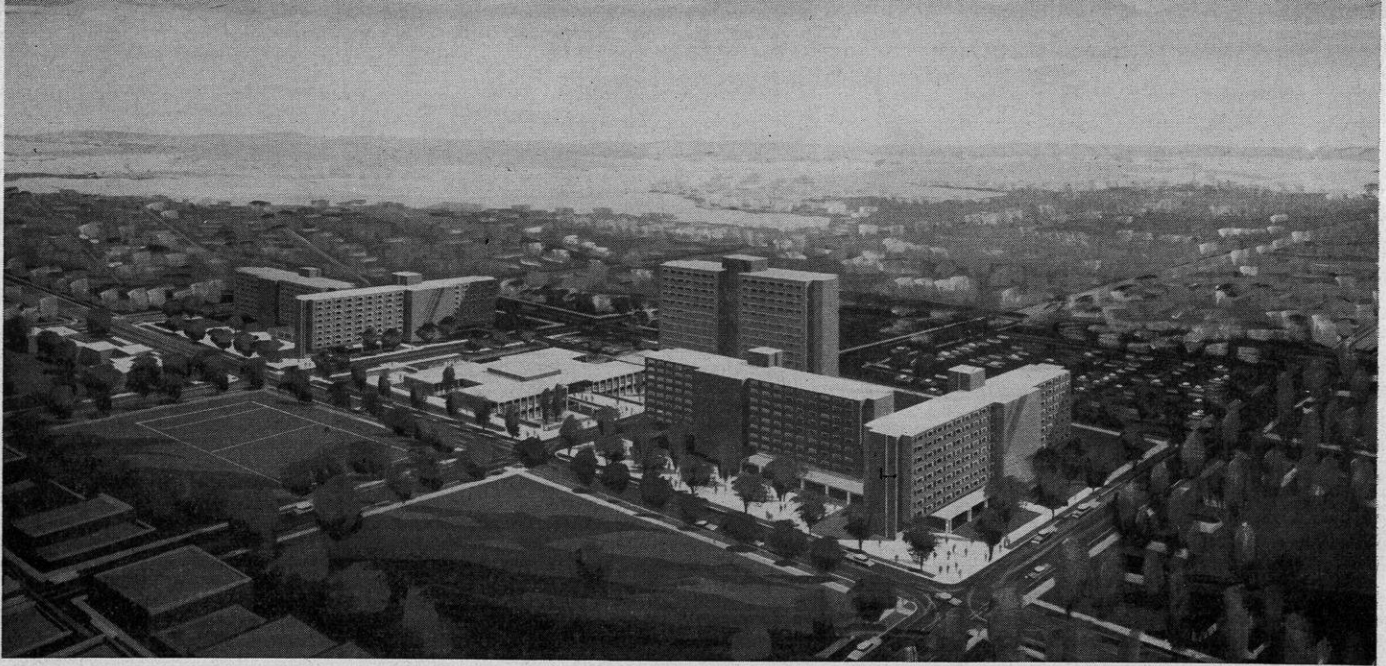


Lowell Hall, newly-built private dormitory for women, opened its doors to 298 students this fall.

The new Extension Building is well underway. The building, considered a part of the overall Lower Campus development plan, is located on Lake Street, between University Avenue and State Street.





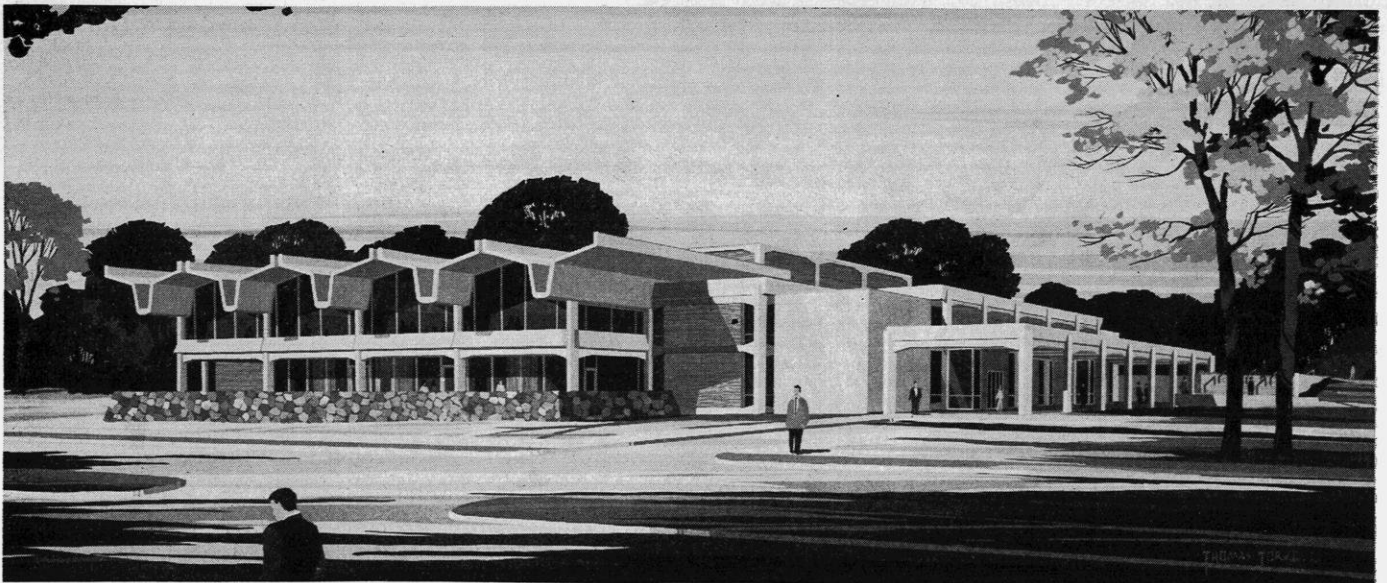
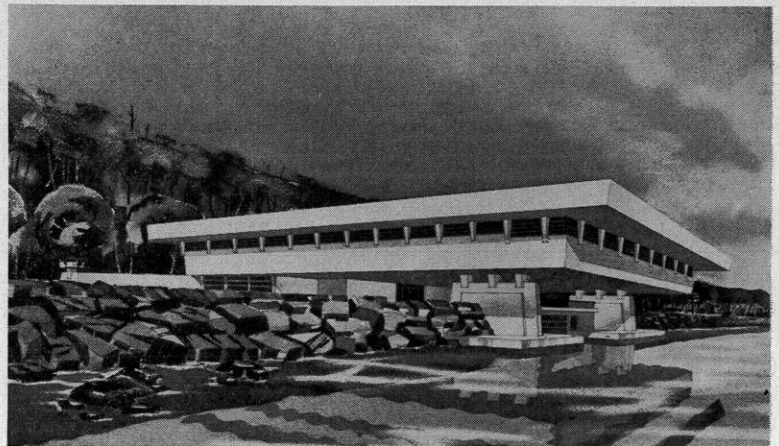


The University of Wisconsin's new dormitory area southeast of the campus is shown in this architect's sketch. Preliminary plans for the first two-unit, ten-floor structure, costing nearly \$7-million, have been approved by the Regents. The first building, shown in the foreground, will house 1,134 students. The women's unit at right faces Park Street while the adjacent men's unit faces Johnson Street. The block also is bounded by Murray and Dayton streets. The two units have a common first floor with joint mail, parlor, and snack facilities. Other proposed residence halls are at the rear of the sketch. Dining facilities for the development will be located in the low-level structure in the middle of the sketch.

## *Building (cont.)*

Architect's sketch shows the new, \$502,000 University of Wisconsin Hydrobiology Laboratory, scheduled for construction on the Lake Mendota shoreline just west of the University Pumping Station at the end of North Park Street. The structure will contain aquaria, research laboratories, offices, and a boat shop.

A drawing of the proposed \$1.8-million expansion of the UW-M Union. The planned expansion will turn the present Union into a true community center, making it an integral part of Milwaukee as well as the UW-M.



# SIGN OF THE GOOD LIFE IN WISCONSIN



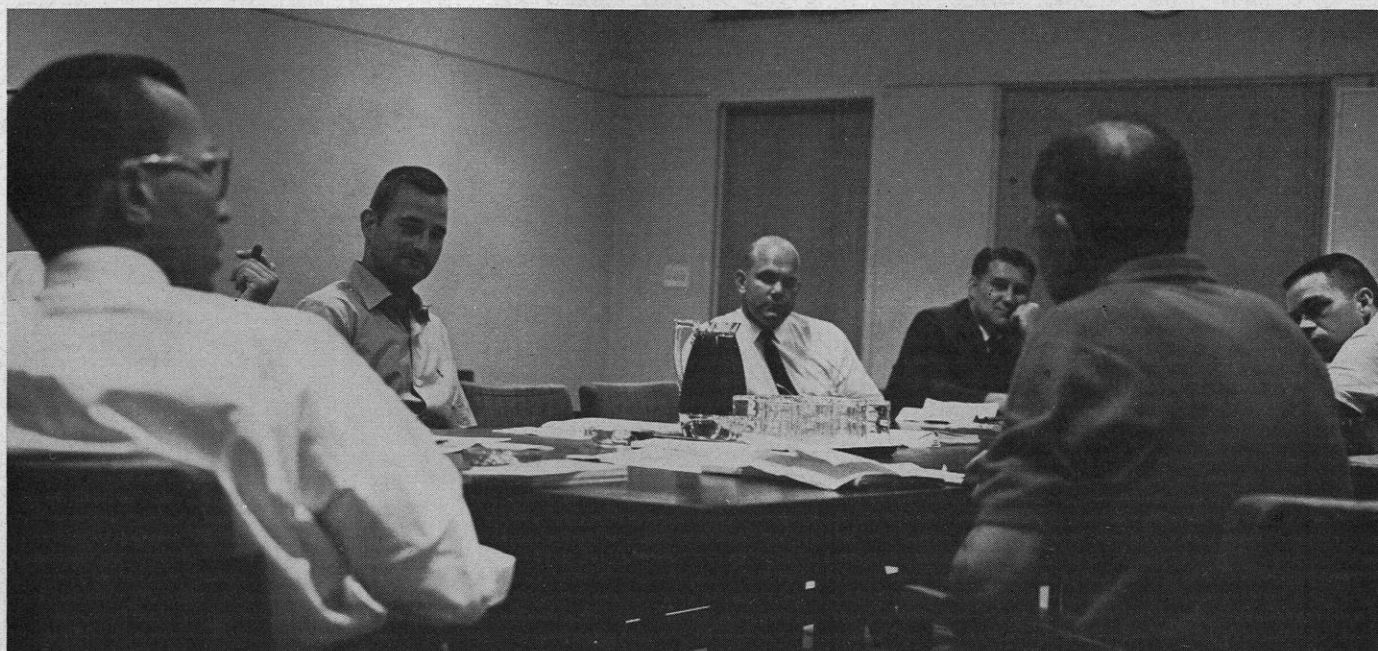
one of a series

**WPS** SURGICAL  
MEDICAL  
HOSPITAL  
**WISCONSIN PHYSICIANS SERVICE**

Indian Summer is Wisconsin's special sign of the good life. A brooding mellowness comes to bless the countryside. Crops mature, corn is shocked. From hills aflame with the scarlet and saffron of sumac and maple, from marshes frosty with the purple of asters and gentian, autumn breathes an air of soft contentment.

The same sense of peace and security can be yours with WPS health care insurance. One name to trust, one contract to cover you completely, one agency to serve you efficiently, one identification card to pay the bills. Designed and recommended by 2,700 Wisconsin physicians of your State Medical Society. Programs for individuals, for groups, for people over 65. Ask your family doctor about WPS, contact an area representative in Green Bay, Kenosha, or Eau Claire, or write directly to the Madison office.





Clay Schoenfeld (left), former editor of the *Alumnus*, spoke to the Big Ten field secretaries when they met in Madison.

## Big Ten Field Men Meet in Madison

**A**LUMNI RELATIONS, particularly those involving the workings of alumni clubs, received a complete review this past summer as the field secretaries of Big Ten schools met on the University of Wisconsin campus. As host for this year's conference, the Wisconsin Alumni Association was happy to welcome the group of Big Ten representatives to Madison. The chairman of this year's conference, Edward H. Gibson, WAA field secretary, saw to it that the visitors from the neighboring schools got a good look at the Wisconsin campus and had a chance to meet with members of the University community.

Before the official conference began, President and Mrs. Conrad A. Elvehjem met informally with the field men at a dinner held at the Edgewater Hotel. During the two-day working sessions of the conference, those members of the University faculty who spoke to the group included: Clay Schoenfeld, former editor of the *Alumnus* and now assist-

ant director of Summer Sessions; Dean of Students LeRoy Luberg; and Dean of Education Lindley J. Stiles. The members of the faculty discussed such topics as the relationships between alumni and the University, the new concepts of higher education that can be applied to alumni work, and the defining and cultivating of alumni loyalty.

In order to assist them in spreading the message of their individual schools among alumni and alumni groups, the field men were given demonstrations of audio and visual communication techniques by Dick Bergen of the Wisconsin Telephone Company, and Morey Iverson of the Bureau of Audio-Visual Instruction.

Field secretaries and schools represented at the conference were: Jim Vermette—Illinois; Bob Stebbins, Max Skirvin, and Frank Jones—Indiana; Max Hawkins and Joe Meyers—Iowa; Hal Wilson—Michigan; Don Mason—Michigan State; Bob Morgan—Ohio State; and Ed Gibson—Wisconsin.

## With Alumni Clubs

To be sure your club's activities are listed in this section, send in a notice of your meeting at least six weeks in advance.

### PHILADELPHIA

There will be a fall dinner meeting of the Wisconsin Club of Philadelphia on Wednesday evening, October 25 at the Haverford Hotel, Montgomery Avenue, Haverford, Pa. The speaker will be William Balderston, who recently retired as president of the Philco Corporation. Mr. Balderston and his wife, the former Susan Ramsay, have recently completed a trip around the world and will give an illustrated lecture on their trip at the meeting. Any Badger in the Philadelphia area who is not on the regular mailing list, please call Dr. Karl H. Beyer, Jr., Merck, Sharp & Dohme, Inc., West Point, Pa. (OXbow 9-5311)

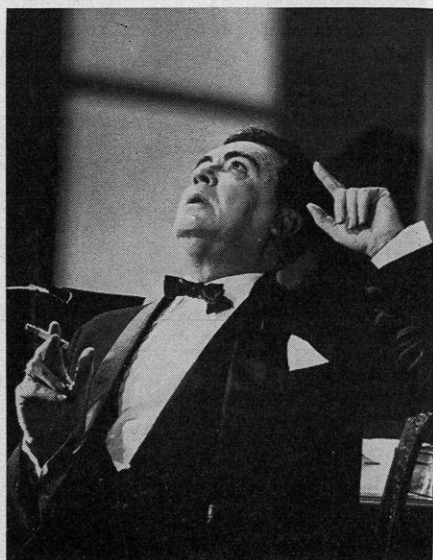
### INDIANAPOLIS

October 7

Wisconsin-Indiana Football Trip

Contact: Robert J. Rowley (CH 1-4879)

## Exciting Theater Season Ahead



Noted Irish actor, Michael MacLiammoir, appears on the campus on November 8 in *The Importance of Being Oscar*.

UNIVERSITY OF WISCONSIN theater-goers will have an outstanding schedule of events to choose from this fall as the Wisconsin Union Theater begins its twenty-second season.

One of the first attractions in this season's offerings will be the appearance of Theatre Outlook, featuring John Westbrook, on October 10 and 11. This British repertory company, under the direction of Eric Salmon who has become known to Wisconsin audiences through his work with the Wisconsin Idea Theater and WHA, will present a performance each of Shakespeare's *Coriolanus*, and Sheridan's *The School for Scandal*.

The artists appearing on the first half of the Union Concert Series this fall have a uniform appeal—they are all young artists who have demonstrated the ability to mature and grow beyond their signs of early promise. Glenn Gould, the exciting Canadian pianist, will perform on October 12 and 14; Julian Bream, the English guitar and lute virtuoso who has been the star pupil of Andres Segovia, comes to Madison on November 28; while the handsome and popular French baritone, Gerard Souzay, appears on December 13, marking his second visit to the Wisconsin campus within a year.

Other programs of interest will be: a lecture on October 17 by Bruce Catton, prominent American historian and Civil War specialist; the Boris Goldovsky Opera Company's presentation of the *Barber of Seville* on October 29; the November 2 performance of the Bayanihan Philippine Dance Company, a collection of enchanting young dancers and musicians in brilliantly costumed and staged numbers; and the presentation of a recent Broadway success—the distinguished Irish actor Michael MacLiammoir in *The Importance of Being Oscar* on November 8.

To cap off the first semester's activities, Imogene Coca and King Donovan will come to the campus to play in the Broadway hit revue, *A Thurbur Carnival*, on January 26 and 27.

## Alumni News

### Up to 1900

Pat J. O'DEA '00 was recently honored at a luncheon of the Athletic Round Table, an organization sponsored by the Press Club and Chamber of Commerce of Spokane, Wash., and was given a life membership in the organization.

### 1901-1910

Louis H. BARKHAUSEN '01 has resigned as Illinois state chairman for Ducks Unlimited.

Walter SEILER '07, president of the Cramer-Krasselt Co., Milwaukee, is the recipient of the 20th anniversary year treasury award of the U. S. Savings Bonds program.

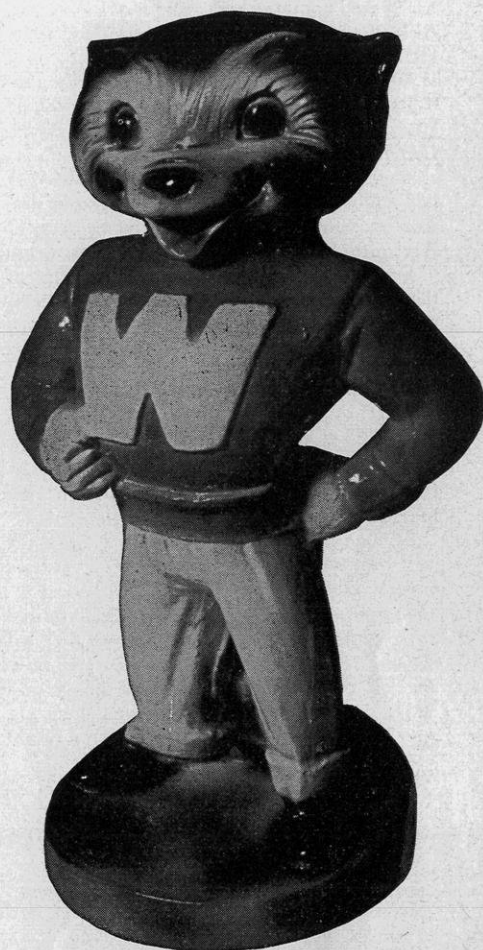
Dr. and Mrs. Ira B. CROSS '05, Berkeley, Calif., recently celebrated their Golden Wedding Anniversary. Dr. Cross, for 37 years holder of one of the Flood Foundation Professorships, is a former professor of the University of California.

Florence TAYLOR '08 was recently honored for her long teaching service in Linden, Wis.

Hal E. McWETHY '09 was honored recently by the Engineers Club of Minneapolis by being chosen Engineer of the Year. He is currently the historian for the Minnesota Federation and his findings are published monthly in its magazine, *The Minnesota Engineer*.

Sister M. Madeleva, C.S.C. (Mary Eva WOLFF '09), distinguished president of Saint Mary's College, Notre Dame, Ind., for the past 27 years, has announced her retirement from the administration of the college. Sister Madeleva holds memberships in 14 professional societies and 7 universities have given her honorary degrees.

## 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.

\$2

Wisconsin Alumni Association  
770 Langdon St., Madison 6

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

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_ State \_\_\_\_



## 1911-1920

Oscar RENNEBOHM '11, who recently completed a nine year term on the Board of Regents of the University of Wisconsin, has been appointed to serve as a special consultant to the board on the University Hill Farm Development project.

Martin GLAESER '11, a Wisconsin public service commissioner, has been appointed an economic adviser to the Federal Power Commission.

Mrs. Althea Miner (Althea REID '12) has announced her retirement as administrative assistant to the dean of the College of Agriculture at the University of Wisconsin.

Dr. Fred L. WHIPPLE '13, director of the Smithsonian Astrophysical Observatory, was awarded an honorary doctor of letters degree at the 60th annual commencement exercises of Northeastern University.

Dr. Ellis L. KRAUSE '13, Erwin professor of chemistry emeritus at Marietta College, was honored recently as one of 6 outstanding college chemistry teachers in America during the 89th annual meeting of the Manufacturing Chemists' Association.

Samuel BRYAN '14 has retired from the staff of the Wisconsin State Public Service Commission.

Joseph W. BOLLENBECK '15, retired army captain and former state and regional commander for Wisconsin, Illinois, and Indiana of the Military Order of the World Wars, has been chosen new commander of American Legion Post 501, Madison's oldest and largest Legion group.



Alice Keith '16, president of the National Academy of Broadcasting in the nation's capital, was recently appointed head of the Radio-TV division of the Armed Services Writers League, an organization of employees in the various services whose aim is "Write America Right". Miss Keith was formerly director of Educational Activities for RCA and Broadcasting Director of the CBS American School of the Air.

Oscar E. ROESLER '15, who retired as City Sealer of Weights and Measures of

Superior, Wis., is now affiliated with the chemistry department at the University of Denver.

Ralph E. NUZUM '16 has been named president of the Wisconsin Alumni Club of Vernon County.

Harry A. BULLIS '17, member of the board of directors of General Mills, Minneapolis, Minn., and Chairman of the Council on World Tensions, participated in the Oxford Conference on Tensions in Development which was held recently in New College, Oxford University, England. The activities of the Council on World Tensions, a non-profit organization formerly known as World Brotherhood, are focused on the urgent problem of waging peace.

Clarence E. CRAMER '17 has been elected Fellow of the International Institute of Arts and Letters. His contribution to the arts is organizing and operating touring concert attractions and opera.

Dr. Armand J. QUICK '18, professor and chairman of the department of biochemistry at the Marquette University medical school, has been given the John Phillips Memorial award of the American College of Physicians for outstanding service in the field of internal medicine.

Mrs. Rachel G. Farrington and Bruce L. CARTTER '20 were married recently in Madison. Mr. Cartter is a member of the College of Agriculture staff in the cooperative extension service at the University of Wisconsin.

## 1921-1930

Robert C. SIEGEL '21, chief engineer at the Wisconsin Telephone Co. since 1946, has been elected president of the Engineers' Society of Milwaukee.

Carl STEIGER '21, who has served as president of the Board of Regents at the University of Wisconsin for the past 2 years has been re-elected to a third term.

Mr. and Mrs. Melvin C. PIERCE '22 are retiring from active participation in the management of Pierce Pre-Cooked Food, Inc., Moorefield, W. Va.

Edward R. FELBER '22 has been named president and general manager of the Madison Gas and Electric Co.

Gustave J. KELLER '22, an Appleton attorney since 1922, has been appointed judge of the Outagamie County Municipal Court.

Roger BAWDEN '23, regional manager for Wisconsin of the Federal Land Bank of St. Paul, has been named chairman of the loan committee and assistant secretary.

Dr. Homer CHAPMAN '23, University of California professor, has left for Australia, India and Egypt where he will study citrus soil, nutrition, and management practices.

Chester J. SCHMIDT '23 has retired as vice-president and general manager of the J. O. Ross Engineering Division of Midland-Ross Corp.

Dr. Helen C. WHITE '24, professor of English at the University of Wisconsin since 1936, recently received an honorary doctor of letters degree from the Catholic University of America.

Morgan MURPHY '24, principal owner of WISC-TV, Madison, has purchased KXLY-TV of Spokane, Wash., and its AM and FM radio affiliates.

Arthur TOWELL '24 is president of the newly formed Wisconsin public relations firm, Public Relations Associates, Inc., with offices in Madison and Washington, D. C.

Edwin H. ROHRBECK '24 was awarded the Epsilon Sigma Phi Certificate of Recognition at a recent meeting of the Pennsylvania Alpha Omicron chapter. He retired June, 1960, as extension editor at the Pennsylvania State University after 36 years of service.

Mrs. Harry Rothe (Helen HOFSTAEDTER '25) has joined the staff of Lakeland College as an English instructor.

George W. MITCHELL '25, vice-president in charge of the Federal Reserve Bank of Chicago, has been appointed by President Kennedy to the Federal Reserve Board.

Mrs. Berwyn Morgan (Helen LOWE '25) has retired as director of the classification and compensation division of the State of Wisconsin Bureau of Personnel, after 31 years of service.

Adolph ACKERMAN '26 was the subject of a recent article appearing in the *Wisconsin State Journal* which told of his outstanding career as a consulting engineer. He is a member of the American Institute of Consulting Engineers, the American Society for Engineering Education, the National Society of Professional Engineers, and the Board of Visitors of the University of Wisconsin.

Mr. and Mrs. William DOUDNA '26 are the parents of a son, Robin. Mr. Doudna is editor and publisher of the *Sunnyslope Journal* in Phoenix, Ariz.

Dr. and Mrs. Kurt R. MATTUSCH '27 recently returned to the United States for a visit after 2 years at the U. S. International Cooperation Administration mission in Korea where Dr. Mattusch is assistant supply advisor.

Mrs. John W. Seids and James A. SIFLE '28 were recently married in Moline, Ill. Attendants were Mr. and Mrs. Raymond C. SCHMIDT '21 (Elizabeth CORDELL '23), Davenport, Ia.

Robert G. KRUEGER '28 has retired as director of engineering for Lauson-Power Products division of Tecumseh Products Co. but will serve as a consultant for the division which produces light-weight air cooled engines.

Mrs. Kenneth LeCOUNT (Irma THOMPSON '28) is the new president of the Wisconsin Alumni Club of Beaver Dam.

Chester V. EASUM '28, professor of history at the University of Wisconsin, was granted an honorary degree during the traditional commencement exercises at Knox College, Galesburg, Ill.

John K. KYLE '28 has been appointed director of the State of Wisconsin department of securities.

William H. VOSS '29 has been appointed a senior attorney for Allis-Chalmers Manufacturing Co., Milwaukee.

Mark SCHORER '29 has written a biography of Sinclair Lewis, America's first

Nobel Prize winner in the field of literature. The book, *Sinclair Lewis: An American Life*, has been released this fall.

Mrs. L. O. Brockmann (Marion DANIELSON '29) was the subject of a recent article appearing in the *Havre Daily News*, Havre, Mont. The article told of Mrs. Brockmann's unusual exhibit of handwoven screens, shown recently in New York City at the Museum of Contemporary Arts and Crafts.

Mrs. Peter J. McCann (Ethel REYNOLDS '30) has resigned as treasurer of the Harry S. Manchester, Inc. store, Madison.

Mrs. Walter P. ELA (Janet SMITH '30) has been elected secretary of the Madison Public Library Board.

Lt. Gen. Robert W. BURNS '30, commander of U. S. forces in Japan and commander of the 5th Air Force in the Pacific, has been re-assigned as chairman of the Inter-American Defense Board.

Attys. Allan J. MCANDREWS '30 and Donald R. HUGGETT '55 recently announced formation of a partnership to practice law in Madison under the firm name of McAndrews and Huggett.

Dr. Paul C. CROSS '30, of the University of Washington, has been named president and chief executive officer of Mellon Institute. He also was elected a Trustee of the Institute.

Dr. Donald H. KAUMP '30 has been appointed assistant director of the pharmacological research department of Parke, Davis, & Co.

## 1931-1940

Mr. Bernard PORTER '31 of the industrial arts department at East High School, Madison, recently received a Ph.D. degree in education at Oregon State University.

Edward A. SPICKA '31, vice-president of Colgate-Palmolive International, recently celebrated his 30th anniversary with the company.

Milton W. MEIENBURG '31, who has planted more than a half-million trees since World War II, has been named recipient of the Green County soil and water conservation department's second annual forest management recognition award.

Mrs. Warren CLARK (Eva McDONNELL '31) has been elected secretary-treasurer of the Wisconsin Alumni Club of Beaver Dam.

Theodore WISNIEWSKI '32, director of the division of water pollution control of the State Board of Health, was elected president of the Wisconsin Association for Public Health at its recent annual meeting.

Dr. Mary I. BUNTING (Mary INGRAM '32) received an honorary doctor of laws degree from Northeastern University at their 60th Annual Commencement exercises.

George E. BURPEE '32, assistant to the vice-president of Shell Oil Co., has retired after more than 29 years of service.

Dr. Herbert A. NICHOLAUS '32, professor of economics and business administration, is the new head of the department of

business administration at Lake Forest College.

Hazel M. HAUCK '32 has retired from the faculty of the New York State College of Home Economics at Cornell University, after being on the staff since 1932.

Claude J. JASPER '33 has been re-elected chairman of the Republican Party of Wisconsin.

Charles A. WEDEMAYER '33, director of the University of Wisconsin Extension's Correspondence Study, was recently elected chairman of the correspondence study division of the National University Extension Association. He is presently on a four-month tour of Europe under a grant from the Ford Foundation.

Roy F. WESTON '33 was one of the main speakers at the 33rd annual meeting of the Pennsylvania Water Pollution Control Association held recently at Pennsylvania State University.

Frederick T. BOYD '34, agronomist in charge, University of Florida Plantation Laboratory, has been elected a director of Fort Lauderdale's Junior Achievement Program.

Col. John D. MCCONAHAY '34, retired chief of the financial statements and reports division at the Air Force Accounting and Finance Center, Denver, has joined the faculty at Colorado State University in the department of business.

Dr. Thomas O. JONES '34 has been named director of the newly established Office of Antarctic Programs of the National Science Foundation.

Mrs. Marjorie A. Norman (Marjorie AMES '35) has been elected secretary of the Wisconsin Alumni Club of Fort Atkinson.

William R. McMAHON '35 has been elected vice-president, engineering, of the Modine Manufacturing Co., Racine.

Arthur W. BABLER '35 has been promoted to assistant treasurer of the Farmers Mutual Group of insurance companies, Madison.

Ida PALEY '35 and Maj. Lester Haaker were recently married in Madison and are now residing in Ft. Lee, Va., where Maj. Haaker is a computer maintenance officer with the Washington Air Defense sector.

Edwin M. WILKIE '35 was the subject of a recent article appearing in the *Wisconsin State Journal* which told of his outstanding career as an attorney, legal counsel to governors, state prosecutor and circuit judge.

Mrs. Roger Minahan (Cathryne STEPHENS '35) and Hermon High were married recently in New York City.

Dr. Robert B. HOLTMAN '35 has been promoted to professor of history at Louisiana State University.

Dr. James H. JENSEN '35, provost at Iowa State University, has been named president of Oregon State University.

Philip M. KAISER '35, formerly professor of International Labor Studies of the School of International Service at American University, has been appointed as United States Ambassador to the Republic of Senegal and to the Islamic Republic of Mauritania.



James R. Kennedy '35, a newly elected director of Celanese Corporation of America, New York, N. Y., has been named Executive Vice-President—Finance and Administration. He joined Celanese in 1944 as an accountant in plastics division headquarters in Newark, N. J., and worked subsequently as an accountant in the firm's Belvidere, N. J., plant. He was appointed Assistant Secretary of the corporation in 1947, became Vice-President in charge of Industrial Relations in 1957 and served for one year as Vice-President—Financial, before assuming his current position. Mr. Kennedy was previously with the Home Fire Insurance Co. in New York and Puerto Rico, and Peat Marwick Mitchell & Co., Public Accountants in New York before joining Celanese.

Having also been very active in alumni work in the New York area, Mr. Kennedy is presently serving as president of the Wisconsin Alumni Club of New York.

Anthony G. DeLORENZO '36, vice-president in charge of public relations staff, General Motors Corp., has been elected chairman of the public relations committee of the Automobile Manufacturers Association.

Rex L. KARNEY '36 has been named editor of the *Rockford Morning Star* and *Register-Republic*.

Dr. Gilbert H. AHLGREN '36, farm crops researcher and teacher at Rutgers University's College of Agriculture, has retired to accept a position with the State Agricultural Institute, Pyinmana, Burma.

Dr. Charles D. JEFFRIES '36, professor of soil technology in the department of agronomy at the Pennsylvania State University, has retired after 42 years of teaching and research.

Lt. Col. Edwin C. GIBSON '36 has completed a 10 month course of study at the Army War College, Carlisle Barracks, Pa.

Ruth M. WILSON '36, executive officer of the women's department of the School of Physical and Health Education at the University of Washington, has been chosen to



receive a graduate fellowship awarded by Wellesley College for the 1961-62 academic year.

Dr. Philip P. COHEN '37 has retired from the National Cancer Institute's Board of Scientific Counselors. Dr. Cohen, one of the first scientists appointed to the board, has served as chairman since 1959.

Mr. and Mrs. Courtlyn H. JORGENSEN '37 recently celebrated their 25th wedding anniversary. Mr. Jorgensen owns and operates the Time Realty Co., Madison.

Howard R. RICH '37, director of the Department of Public Recreation for the past 20 years, has resigned to take the post of civilian recreation consultant with the U. S. Navy.

Dr. Peter TOPPING '37, who has been visiting associate professor of history and library consultant at the University of Pennsylvania, has joined the faculty of the University of Cincinnati's Graduate School.

Benjamin F. CHEYDLEUR '38 has been appointed to the engineering staff of Philco Corporation's Computer Division.



Maurice B. Pasch '36, prominent Madison attorney, has started his term of office as newly appointed member of the Board of Regents for the University of Wisconsin. Mr. Pasch formerly served as secretary to Senator Robert M. La Follette, Assistant Attorney General for the State of Wisconsin, attorney for Rural Electrification Administration, the National Recovery Communications Commission. He is presently associated with the James H. Wegener law firm.

Dr. Robert BURRIS '38, chairman of the department of biochemistry, has been appointed to the research training committee of the National Institutes of Health.

Mr. and Mrs. Kenneth METZLER '37 (Elise GRIFFITH '38) have moved to Westfield, N. J., where Mr. Metzler has accepted a new position with Johnson and Johnson International in New Brunswick.

Mrs. John UYE (Margaret TAPPINS '38) has been named secretary of the Wisconsin Alumni Club of St. Croix Valley.

Lt. Col. Robert S. STOREY '38, chief of

the Operations Division of the Army's Operation and Training Section, recently arrived in Korea and is now serving with the 8th U. S. Army.

Dr. Carl W. ZUEHLKE '38 has been named assistant division head of the chemistry division for Eastman Kodak Co.

Clarence B. PETERSON '38 has been appointed assistant vice-president and chief appraiser of the Federal Land Bank of St. Paul.

Frank F. PIEPER '38 has been promoted to the position of director of civil service personnel by the University of Minnesota Board of Regents.

Robert SANDEEN '38 is the new president of the Wisconsin Alumni Club of St. Croix Valley.

John E. RASMUSSEN '39 has been named accounting manager of the United States Rubber Co.'s New York tire division in Detroit, Mich.

Richard L. JOHNSON '39 has been named president of the Menasha Woodenware Corp., Menasha, Wis.

Earl L. ZILSKE '39 has been promoted to lieutenant colonel at the U. S. Army Ordnance Ammunition Command, Joliet, Ill.

Lester B. HUNGERFORD '39 has been elected treasurer of The Lafayette Life Insurance Co., Lafayette, Ind.

Mrs. Roger MERRIAM (Mary A. JENSEN '39) has been elected secretary of the Wisconsin Alumni Club of Kenosha.

John C. ZIMDARS '39 has been named manager of the newly established Madison agency of the New England Mutual Life Insurance Co. He is currently president of the Wisconsin State Association of Life Underwriters and is past president of the Madison Life Underwriters Association.

Raymond C. BICE '40, associate professor of psychology at the University of Virginia and dean of the Kent-Dabney Association, has been chosen for the IMP Society Faculty Award.

Joseph H. HOMAN '40 is presently with the Goodyear Orient Co., Ltd., in Singapore.

Dr. Robert B. BLODGETT '40 has been appointed director of research of The Okonite Co., Passaic, N. J., wire and cable fabricating subsidiary of Kennecott Copper Corp.

#### 1941-1945

Atty. Paul L. HIBBARD '41 has been appointed to the Wisconsin state committee on uniform laws.

Mr. and Mrs. David J. T. LIPPERT are the parents of a daughter, Kathryn Louise.

Benjamin F. BENNETT '41 has been named manager of general industry engineering at the General Electric Co. industry control department, Salem, Va.

Allan W. GREENE '41 is president of the Heath Co., a subsidiary of Daystrom, Inc., Benton Harbor, Mich.

Dr. Edward M. WIENSHEL '41 has been appointed chief of psychiatry at Mount Zion (Calif.) hospital and medical center.

Dr. Daniel R. CRUSIUS '41 has been named associate professor of German at Thiel College, Greenville, Pa.



Harold F. Greiveldinger '42 has been appointed general attorney and assistant secretary of S. C. Johnson & Son, Racine, Wis. In his new capacity he will serve as head of the firm's law department. Mr. Greiveldinger joined the company in 1947 and served in the law department until 1958 when he was appointed assistant treasurer in the financial division.

Beatrice E. Keller has announced her marriage to Hillel A. HORWITZ '42.

David P. BRANNIN '42 has been elected vice-president, controller, for UARCO Incorporated, one of the nation's largest designers and printers of continuous business forms.

Lt. Col. and Mrs. Robert J. GIESEN (Lorraine KASPER) '42 and family have moved to Syracuse, N. Y., where Col. Giesen is studying for a masters degree in business administration under the Army Comptroller-ship program, after completing a 3-year tour in the Office of the Chief of Engineers in Washington, D. C. as assistant director of civil works.

Irene Scott has announced her marriage to Thomas W. PIERCE '42. Mr. Pierce is a member of the law firm of Riley, Riley, and Pierce, Madison.

Richard S. FRAZER '42, president of Richard S. Frazer & Co., financial consultants, has been elected chairman of the Winnetka Village Caucus, Winnetka, Ill.

Mrs. Hugh H. Smythe (Mabel MURPHY '42) has been appointed by President Kennedy to serve on the Commission of Educational Exchange.

William G. CALLOW '43 has been elected County Judge, Branch 2, of the Waukesha County Court.

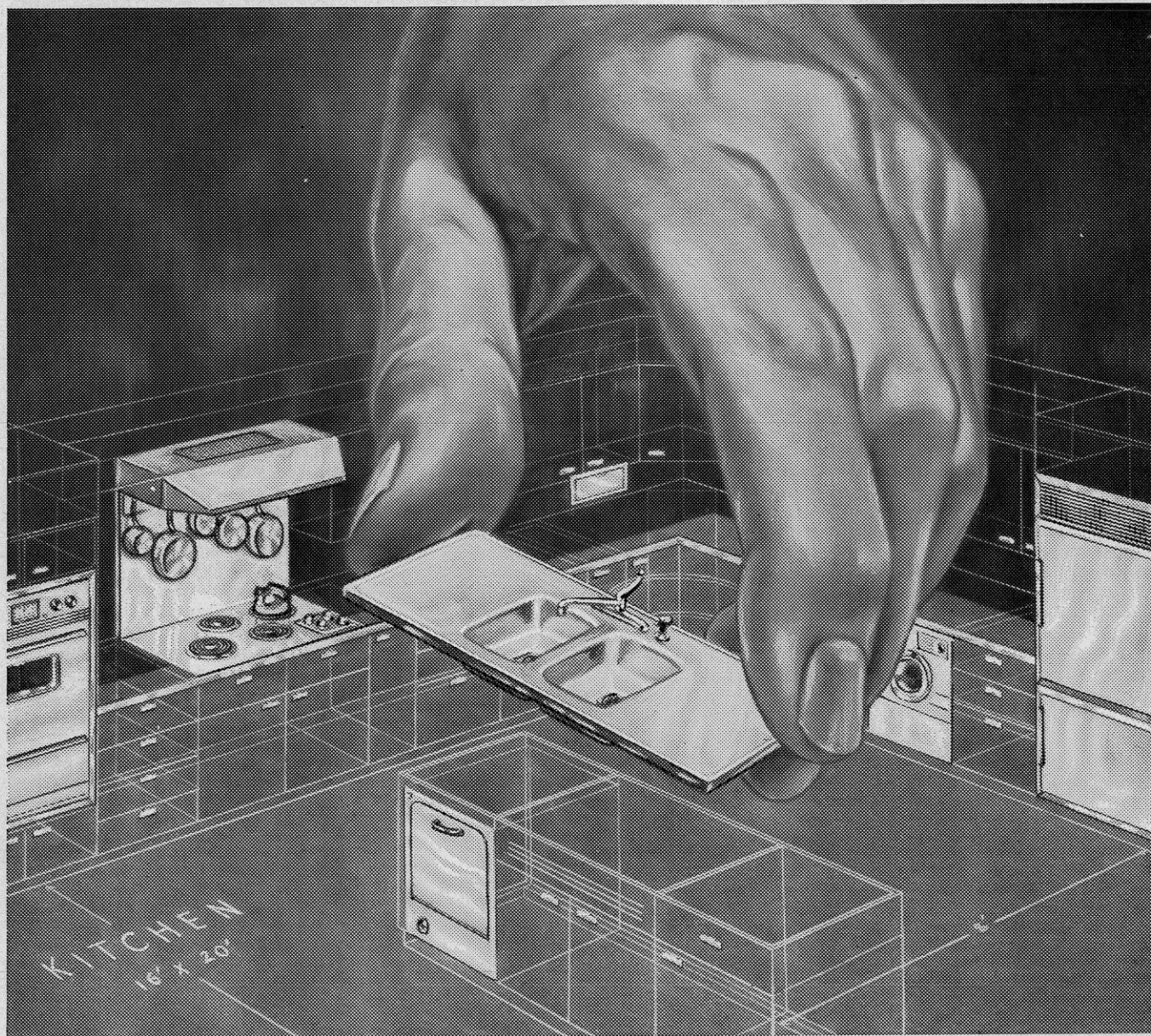
Dr. Charles K. McLANE '43 has joined the staff of the National Bureau of Standards, U. S. Department of Commerce, Washington, D. C.

Norman H. HYMAN '44 and Burton A. MELDMAN '55 have formed a partnership firm in the life insurance field with offices in Milwaukee.

Dr. Phillips BLAND '45 has been elected president of the University of Wisconsin Medical Alumni Association for 1961-62.

Mr. and Mrs. Dale S. HARRIS '45, Wel-





## Build with the carefree beauty of stainless steel

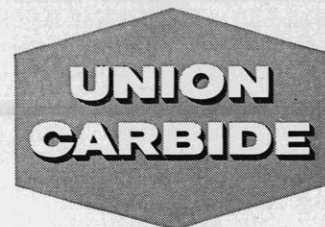
Handsome appliances and gleaming counter tops that stay bright and are so easy to wipe clean...even the kitchen sink becomes a thing of beauty when it is made of shining stainless steel—the useful metal that was developed after years of research.

Whether you're building or remodeling, stainless steel gives a lifetime of value . . . saves many dollars in upkeep. You can now have gutters and downspouts that are almost indestructible because they won't rust or rot. And the strength of stainless makes possible door and window screening so fine you hardly know it's there.

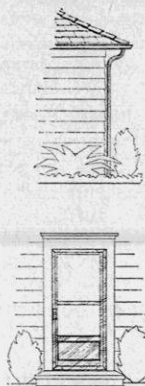
The secret of stainless steel lies in chromium—one of many indispensable alloying metals developed by Union Carbide. They are typical of the hundreds of basic materials created through research by the people of Union Carbide in metals, as well as carbons, chemicals, gases, plastics and nuclear energy.

See the "Atomic Energy in Action" Exhibit at the new Union Carbide Building in New York

**FREE:** Find out how stainless steel enhances the value of your home. Write for "Carefree Living with Stainless Steel" Booklet T-50. Union Carbide Corporation, 270 Park Avenue, New York 17, N.Y. In Canada, Union Carbide Canada Limited, Toronto.



...a hand  
in things to come





lesley, Mass., announce the birth of a daughter, Holly Elizabeth.

## 1946-1950

John H. THUERMAN '46 is managing director and technical director for Chain Belt Co. of Milwaukee, Argentine Division, Polimecanica, S. A. He has been with the company for 15 years.

Arlie M. MUCKS '47, manager of the Madison Chamber of Commerce's convention promotion division, has graduated from a Chamber of Commerce fundamentals course at the Institute for Organization Management at Michigan State University.

Duane BOGIE '47 has been named vice-president of Foote, Cone & Belding advertising agency, Chicago.

Kenneth C. BENNETT, Jr. '47 has joined the Lake Forest College faculty as an instructor of English.

Dr. Christopher SHERMAN '47, an experimental plasma physicist, has joined the staff of the Geophysics Corp. of America where he will conduct studies on novel systems for space vehicle propulsion.

Donald H. GEBHARD '47 has been named technical director of the new plant of the Gates Rubber Co. in Belgium.

Stanley HEBERT '47 has been appointed State Public Service Commission for Wisconsin.



Clifford H. Wychgram '49 has been appointed Comptroller of the Electronics Division of General Mills, Inc., Minneapolis, Minn. He joined General Mills in 1949 and has made considerable progress since that time holding such positions as Manager of Cost Accounting, Manager of Operations Analysis in the Accounting Department, Staff Assistant to the General Manager of the Mechanical Division, and just recently was promoted to Comptroller of the Electronics Division.

Mr. and Mrs. Theodore C. HASPELL '49 (Harriet BISSELL '48) announce the birth of their first daughter, Judi Estelle. Mr. Haspell is associated with the Boeing Co. in Seattle, Wash.

## Have you met the "Challenge of '61?"

Join thousands of Badgers in giving to the  
1961 ALUMNI FUND

Send your contributions to the

University of Wisconsin Foundation  
P. O. Box 2025 Madison 5, Wisconsin

Mrs. Jack Marx (Betty LIEDERMAN '48) has been appointed president of Chari-Card Originals, Inc., a newly formed corporation in Roosevelt, N. Y.

Frank GRANER '48, of the University of Wisconsin School of Commerce, has been appointed to the State Investment Board by Governor Nelson.

F. Ryan DUFFY, Jr. '48 has been elected judge of Branch 3 of District Court for Milwaukee County.

Mr. and Mrs. Roy M. MERSKY '48 (Deena HERSH '53) announce the birth of their third daughter, Ruth Elizabeth. Mr. Mersky is the Supreme Court Librarian for the State of Washington.

Sigmund S. BIRKENMAYER '48 recently received a Ph.D. degree in Slavic Languages and Literature from the University of Wisconsin (the first of its kind to ever be granted at Wisconsin). His dissertation was on N. A. Nekrasov, a nineteenth-century Russian poet.

Dr. Daniel M. BERMAN '48 has been appointed professor of government and public administration at The American University, Washington, D. C.

Dr. William H. PEASE '48, associate professor of history at Rensselaer Polytechnic Institute, has been awarded a Fulbright grant by the U. S. State Department to finance a year's residence in Elsinore, Denmark, as a lecturer on American social and intellectual history at International People's College.

Richard W. KOCH '48 has been named director of Product Development by Lithoplate, Inc., Covina, Calif., a subsidiary of Harris-Intertype Corp., Cleveland, O.

Paul R. MOCKRUD '49 has been named secretary-treasurer of the Wisconsin Alumni Club of Vernon County.

Dr. Sherman E. NELSON, chief of psychological services at Ft. Logan Mental Health Center, near Denver, Colo., has been named director of a new program of group psychotherapy at the center.

Glenn A. GOLDSMITH '49, formerly assistant city waterworks and sewerage superintendent, has been named City Water Chief for Madison.

Marvin L. GOLDSTEIN '49 is currently the story editor and associate producer of the TV show "The Verdict is Yours".

James MCGINNIS '49 has been appointed assistant professor of English in the College of Applied Arts at the University of Cincinnati.

Florence I. GURHOLT '43 and Harold R. WETZEL '50 were recently married in Madison. The former Miss Gurholt is affiliated

with the Dane County Public Health Department and Mr. Wetzel is an engineer for the Wisconsin Public Service Commission.

William A. HALVORSON '50, vice-president of Milliman & Robertson, Inc., has been named resident manager of the company's new office located in Milwaukee.

Mr. and Mrs. William G. NEUSTEDTER '50 (Jane BONOW '39) are the parents of a girl, Janice Ann.

Dr. John T. DOBY '50 has been named chairman of the department of sociology and anthropology at Emory University, Atlanta, Ga.

Duane A. STROMBERG '50 has been appointed regional publicity manager for United Air Lines in the Rocky Mountain Region with headquarters in Denver, Colo.

Mr. and Mrs. Alfred M. ELLRODT (Nancy BISHOP) '50 announce the birth of a daughter, Elizabeth James.

Louis WOLFROM '50 has been appointed controller for James Heddon Sons, Dowagiac, Mich., which is the world's largest manufacturer of artificial lures and custom built rods.

Warren A. SCHMIDT '50 has been promoted to vice-president—operations, of Kinetics Corp., Solana Beach, Calif.

Walter R. PETERSEN '50 has been named factory comptroller for Sears, Roebuck and Co., Chicago.

## 1951

Charles MEAD, immediate past president of the Wisconsin Alumni Club of Waukesha County, received the Distinguished Service Award for 1960 of the Waukesha Junior Chamber of Commerce.

Capt. Merrel E. HYNÉ, Jr. participated with other personnel from the 3rd Armored Division's 27th Artillery in a 4-week field training exercise held recently in Grafenwohr, Germany.

Lawrence R. POLKOWSKI has been appointed professor of civil engineering at the State University of Iowa.

Robert SCHMIDT has been elected president of the Wisconsin Alumni Club of Kenosha.

Mr. and Mrs. Robert C. ERNEST '52 (Virginia WAHL) announce the birth of a daughter, Sara Helen. Mr. Ernest is the administrative superintendent of the Kimberly Clark plant in Fullerton, Calif.

Robert E. BARTH has been appointed assistant treasurer of Mautz Paint & Varnish Co., Madison.

Dr. and Mrs. Duane LARSON and family have moved to Galveston, Tex., where

Dr. Larson will be on the staff of the Texas University's John Sealy hospital.

Dr. Eldo C. KOENIG has been appointed supervisor of mathematics research in the Research Division of Allis-Chalmers Manufacturing Co., Milwaukee.

Dr. and Mrs. Joe L. BYERS (Suzanne CHAICLIN '49) are now living in Berkeley, Calif., where Dr. Byers is an assistant professor of educational psychology at the University of California.

Mr. and Mrs. Wayne Millner (Sibyl REESE), Deerfield, Ill., are the parents of a girl, Leslie Sibyl.

Harold O. HOVERSON has been elected director of the Stoughton Vocational and Adult School.

David BUSHNELL has received a Ph.D. degree in physics from Virginia Polytechnic Institute.

Dr. Christopher A. GRAF recently began the practice of urology in Sheboygan, Wis.

Steven T. CLARK was recently promoted to major while attending an International Relations Course at Georgetown University in Washington, D. C.

## 1952

Ralph J. SLAW has joined Eli Lilly and Co. as a sales representative in Painesville, O.

Stephen J. BUR, agent of National Life Insurance Co. of Vermont, has qualified for the firm's 1962 President's Club.

Robert CONSIGNY has been elected secretary-treasurer of the Wisconsin Alumni Club of Janesville.

Dr. and Mrs. Richard K. HOWARD and family have moved to Modesto, Calif., where Dr. Howard is associated with Drs. Deyoe and Prigge, orthopedic surgeons.

Mr. and Mrs. Alan M. Bank (Marilynne ROSENBERG), Tupelo, Miss., announce the birth of a daughter, Avery Hope.

William F. O'BRIEN has been promoted to superintendent of the F. S. Royster Guano Co., Madison.

Dr. Kenneth M. SACHTJEN has recently become associated with Dr. E. J. Nordby, Doctors' Park, Madison.

Clement J. NOURI has been appointed assistant professor of management at Northeastern University, Boston, Mass.

N. John BECK has been promoted to vice-president—research, for Cummins Engine Co., Inc.

Frank J. UHLER, Jr. has been named resident partner in the La Crosse office of Alexander Grant & Co., national firm of certified public accountants.

Mr. and Mrs. Hartman AXLEY (Marguerite THESSIN '54), Denver, Colo., announce the birth of a son, Timothy Hartman.

Mr. and Mrs. John A. KEENAN, III (Janet KOYM '58), Zweibruecken, Germany, have announced the birth of their first

child, Margaret Alicia. Mr. Keenan is an engineer for Sylvania Electric Products.

## 1953

Thomas A. HUTCHINSON has been named state editor of the *Green Bay Press Gazette* and supervisor over its 43 correspondent system.

Harold A. GATTIE is the new president of the Wisconsin Alumni Club of Fort Atkinson.

John S. BUCHANAN has been named superintendent of the Nekoosa Kraft mill of Nekoosa-Edwards Paper Co.

Eldora E. KESKE is presently serving as assistant program leader, International Farm Youth Exchange, Washington, D. C.

Robert W. BLACK has been appointed cargo sales manager for Pan American Airways at San Francisco.

Mrs. Vincent ZEHREN (Virginia MUL-ARZ) has been appointed an assistant professor of chemistry at St. Norbert College, West DePere, Wis.

Dr. Edward W. MARTY has been appointed director of research for American Scientific Laboratories, Madison.

Dr. Joseph C. HOGAN has been named acting dean of the University of Missouri College of Engineering.

John P. FRENCK is presently in Kijabe, Kenya, East Africa where he will teach Bible studies and science early in 1962 in

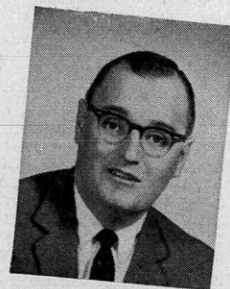
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Teacher Training College at the Africa Inland Mission.

## 1954

John C. FRITISCHLER, Jr., former assistant U. S. attorney, has announced the opening of his new law office in Madison.

Mr. and Mrs. Franz W. BRAND '51 (Carol SCHINDLER) announce the birth of a son, Thomas Baumann.

Dr. Rollin O. DUNSDON has been appointed director of marketing for American Scientific Laboratories, Madison.

Army Capt. Kenneth M. FRITZ has completed the associate officer career course at the Infantry School, Ft. Benning, Ga.

Mr. and Mrs. Eben Knowlton (Rosamond ROSS), Brooklyn Heights, N. Y., are the parents of a son, Matthew Ross.

Harry BANDOUEVERIS has been appointed executive director of the Neurological Sciences Foundation at Phoenix.

Dr. James C. PAYNE has been named a resident in psychiatry in the Mayo Foundation at Rochester, Minn.

Dean J. WESTON has been appointed district traffic supervisor for the Wisconsin Telephone Co.'s Green Bay district.

Sam SOFFA, Jr. who is now a municipal judge and practicing attorney in Whitewater, has been honored by the Whitewater Junior Chamber of Commerce for a year of outstanding leadership during his term as president.

The U. S. Department of State has announced award of a Fulbright grant to Dr. Gordon K. GRISBY, instructor in the Ohio State University English department. He will serve as a lecturer in American literature at the University of Isfahan, Iran, during the 1961-62 academic year.

Robert F. STERNAT recently was promoted to captain at Fort Eustis, Va., where he is assigned to the U. S. Army Transportation School.

## 1955

Mr. and Mrs. Richard SPRENGER (Marcia BLEW) announce the birth of a second son, Robert Bradley.

Dr. Sheldon KAPEN is now living in Jerusalem, Israel, where he is continuing his post-graduate medical studies at the Hebrew University Medical School and the Hadasah Hospital. Dr. Kapen married Rachel Garber of Bat Yam, Israel, in 1959 and they are the parents of a son, Gilead.

Mr. and Mrs. Walter A. Meanwell (Jean DOPP) are the parents of a son, Walter Ernest.

Richard W. WINOGRAD was recently ordained as Rabbi by the Jewish Theological Seminary of America and has moved to Chicago where he has been appointed assistant director of the B'nai B'rith Hillel Foundation at the University of Chicago.

A daughter, Julie Ann, was recently born to Lt. and Mrs. Pierre E. SLIGHTAM, Kodiak, Alaska.

Dr. Rodney J. SIMI, assistant professor of chemistry at Sacramento State College, Calif., has been awarded a grant from the

National Science Foundation for a 2 year study of metallic compound reactions to high temperatures.

## 1956

Dr. Leon LACHMAN, senior research pharmacist at CIBA Pharmaceutical Products Inc., has been elected vice-president of the Summit Association of Scientists, Scientific Research Society of America Branch.

Richard B. NIGBOR has been elected vice-president and a director of Moreland and Co., members of the Midwest and Detroit Stock Exchanges. Formerly a credit analyst with the National Bank of Detroit, he will have charge of special research at Moreland & Co. Mr. Nigbor is also a director of the Wisconsin Alumni Club of Detroit.

Ray HOWARD is awaiting the results of the Missouri Bar Exam, after having graduated from St. Louis University Law School.

Elizabeth MUDD has been elected president of the Wisconsin Alumni Club of Janesville.

William R. MANN has been admitted to the Wisconsin State Bar Association.

Sanford COUCH recently returned to Madison after a year's study at Moscow University in Russia.

Capt. and Mrs. Robert W. Morgan (Jane CARTWRIGHT), West Berlin, Germany, are the parents of a girl, Lynn Ann.

James MUTSCHLER has been named Madison division agency manager for the Farmers' Insurance Group. He was previously employed with Procter and Gamble.

Army Capt. Earl R. OLSEN recently was assigned as a surgeon with the 25th Infantry Division, Hawaii.

Dr. James D. JONES has been appointed to the staff of the Mayo Clinic, Rochester, Minn., as a consultant in biochemistry.

John R. McDONALD has been admitted to the Minnesota State Bar Association and has opened a law office at his home in La Crescent, Minn.

Richard E. RIPPLE has been appointed assistant professor in educational psychology at Cornell University, Ithaca, N. Y.

Atty. Ole GULBRANDSEN is now associated with Wayne SCHLINTZ '37 in the practice of law under the firm name of Schlintz & Gulbrandsen with offices in Viroqua, Wis.

## 1957

1st Lt. Richard G. WIGGELSWORTH recently was awarded the Commendation medal for meritorious service at the Toul-Rosieres Air Force Base, France.

Mr. and Mrs. Michael O. DEAL (Margaret CAFFERTY '56) announce the birth of their second son, Kyle Charles.

Elizabeth AHERN is currently a registered nurse aboard the SS Hope.

Kay SCHULTZ, formerly an assistant in the sports information service at the University of Wisconsin, has been appointed to the Big Ten Conference Commissioner's staff.

Dr. and Mrs. E. Richard STIEHM '54 (Judith HICKS) are the parents of a daughter.

David L. STEELE is in charge of operations for the newly opened Signal Officers Orientation course at Ft. Gordon, Ga.

James D. STONER recently graduated from The American Institute for Foreign Trade and is now affiliated with the J. Walter Thompson Co.

Robert D. LEUTNER has been appointed treasurer and assistant secretary of the Belle City and Racine Steel Co., Racine, Wis.

Mr. and Mrs. Berger JOSTAD, Montrose, Calif., announce the birth of a daughter, Siri Kay.

Delmer H. MOELLER has been promoted to plastics customer service engineer for the Dow Chemical Co.

Jerome B. POLISKY has been appointed assistant professor of Speech Arts in the College of Arts and Sciences of the American University, Washington, D. C.

Donald R. BROWN has been appointed an instructor of librarianship at Western Michigan University, Kalamazoo.

Donald R. McCALLUM has been appointed deputy district attorney for Dane County.

Mr. and Mrs. Raymond Aikins (Dorothy MARLING), San Rafael, Calif., are the parents of a son, Frederick Raymond.

Barnes A. CLARK is now associated with Schlotthauer, Jenwold and Reed law firm with offices in Madison.

Robert F. PHILLIPS, former assistant city engineer in Port Washington, has joined the staff of the Bridwell Engineering Co., Madison civil engineering and surveying firm.

John S. COLE has graduated from The American Institute for Foreign Trade and is now affiliated with Nissen International.

Lo Ann ZIEBARTH is presently a registered nurse for the United States Department in Amman, Jordan.

## 1958

Mr. and Mrs. Wayne A. PIETTE (Virginia KNOCHE '55) announce the birth of their daughter, Pamela Ann.

John T. BEHRENDT has accepted a teaching position in an Air Force dependents school at Bermuda.

Marge PFANKUCH is currently teaching English and general science in the Philippine Islands as a member of the Peace Corps.

Marvin PRIBYL has completed the graduate training course at Allis-Chalmers and has been assigned as a design engineer in the West Allis Tractor Engineering Dept.

Keith O. SCHMIDT recently received his master of arts degree in psychology from Western Michigan University, Kalamazoo.

Navy Lt. John O. HAMEL has recently been discharged from the Navy and will join the staff of the General Engineer Co., Portage.

Atty. Donald HANAWAY has joined the law firm of Wheeler, Van Sickle, Day and Goodman, Madison.

Mr. and Mrs. Douglas Mayne (Nancy FROKER) are the parents of a daughter, Lisa Carrie.

Atty. Duane P. SCHUMACHER has become associated with the law firm of Immell, Herro, Buehner and DeWitt, Madison.

## 1959

Howard E. BELL is assistant professor of Mathematics at Union College, Schenectady 8, N. Y.

Mr. and Mrs. Roger RUMBLE, Park Ridge, Ill., have announced the birth of a son, Roger William, Jr.

John CULBERTSON has been awarded a graduate fellowship in business administration to Harvard University, where he will study for his doctorate.

1st Lt. and Mrs. Ronald E. BATES, Ft. Ord, Calif., are the parents of a daughter, Linda Ellen.

Dr. Albert A. HAYDEN is assistant professor of history at Wittenberg University, Springfield, O.

Mr. and Mrs. William MARSH, Jr. (Nancy BROWN) have announced the birth of a son, Todd William.

Atty. W. Patrick DONLIN has joined the Madison law firm of Ostby and Barsness.

## 1960

Army Pvt. Gerald C. BAY has completed 6-months active duty military training under the Reserve Forces Act program at the Air Defense Center, Fort Bliss, Tex.

Kenneth K. KNAPP has joined consolidated Water Power and Paper Co.'s research and development department.

Mr. and Mrs. Gerald MOORE announce the birth of a son, Stephen Bruce.

Robert WOLFE has been awarded a graduate fellowship by the National Science Foundation for study toward his doctor's degree at Purdue University.

Kenneth R. MAHONY has been named city manager of Galena, Ill.

Mr. and Mrs. Elmer E. SCHAEFER (Marilyn UNDERWOOD), Wilmington, Del., are the parents of a son, David Jeffrey.

Army 2nd Lt. Richard S. RUSNAK is currently at Fort Bragg, N. C., after teaching engineering graphics at the State University of Iowa during 1960-61.

Mr. and Mrs. William BUELLESBACH recently announced the birth of a son, William Walter.

Andre J. PERRY, Jr., has graduated from The American Institute for Foreign Trade and is now affiliated with the First National City Bank of New York.

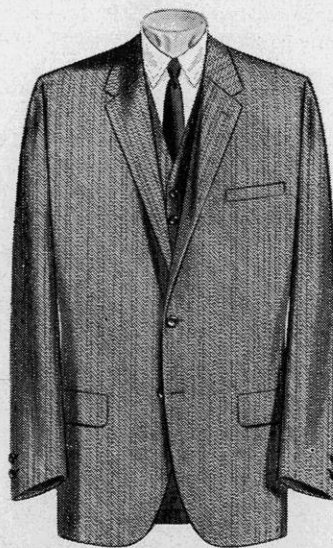
William L. SCHUETTE is presently a chemical engineer in Process Design, Research and Development department, Ethyl Corp.

Mr. and Mrs. Keith R. MUELLER announce the birth of their first child, a daughter, Mary Margaret.

Charles F. BARFKNECHT has been awarded a predoctoral fellowship from the division of General Medical Sciences of the U. S. Department of Health, Education, and Welfare. He was a research assistant in the Kansas University School of Pharmacy during the past school term.

## 1961

Richard W. Child is attending the Army's clerk-typist school at Fort Leonard Wood, Mo.



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## 1949

Flo A. Unland and Sylvan R. LANGE, Baton Rouge, La.

## 1950

Harriet McInerney and Samuel D. DOUGHTY, Evanston, Ill.

Hildegard M. Grevstad and Wayne F. McGOWN, Madison.

Marguerite Martin and Roy J. MEYERS, Janesville.

Patricia A. Petersen and Scott A. MILLER, Oregon.

Inez T. Boucher and John L. PAUSTIAN, Kaukauna.

Barbara K. Drahn and Robert R. SWAN, Oshkosh.

## 1951

Carol J. PORTER and Aubrey C. Sears, Scott AFB, Ill.

Esther B. Larimer and Norman J. PUHEK, Decatur, Ill.

Joann H. Cuff and Donald H. SHUE, New London.

## 1952

Nancy L. Hallock and Rollin B. COOPER, Agawam, Mass.

Barbara R. Eklo and James D. GARRITY, West Bend.

Ann P. Gordon and Jack R. GAY, Madison.

Mary E. Davis and Robert S. GITTINGS, Sausalito, Calif.

Annette Baker and Julian K. INSTEFJORD, Dodgeville.

Patricia A. ROBINSON and Walter R. BECKER '53, Sheboygan.

## 1953

Jean C. Smitherman and Robert C. GSETELAND, Cambridge, Mass.

Sally Jenkins and James B. QUINN, Milwaukee.

Sharon W. WEXLER and Frederick H. GRAU '60, Madison.

## 1954

Barbara Buffett and Dr. John R. JAMES, Wauwatosa.

Shirley J. Johnson and Arthur K. NELSON, Phoenix, Ariz.

Edith M. RASCH and Donald M. KOEGEL '52, Milwaukee.

Judith A. Wendel and Dr. Hubert W. SIMONSEN, Wauwatosa.

## 1955

Beverly J. DUWE and Robert H. SCHWAN '57, Shorewood.

Rhoda J. FRINDELL and Edward M. Green, Palisades, N. J.

Dixie L. Goranson and David A. KING, Milwaukee.

Helen A. Akin and George P. KLIMOWICZ, Madison.

Kathleen Calteaux, and Quentin W. SWAIN, Milwaukee.

## 1956

Donna M. CURRAN and A. Clarke HAGENSHICK '55, Milwaukee.

Jill C. Robinson and Charles F. FISHER, Racine.

Mary Montgomery and Thomas J. GOUTLET, Shorewood.

Karen E. KAISER and Richard McDuffee, Portage.

Kathleen A. MacDermott and John C. KELSH, Needham, Mass.

Joyce M. Bohnsack and Donald W. LEITH, Appleton.

Jacqueline K. MCCANN and Robert J. LAHR '58, Racine.

Rosella M. Voight and Delbert A. PAULMAN, Madison.

Bonnie F. RASKIN and Howard A. Ader, Fox Point.

Mary L. Brockman and Raymond C. TREAT, Sparta.

Shirley R. WARZINIK and Don L. FIELKER '54, Oconto Falls.

Jane A. WEAVER and Donald K. STEPHENSON '52, Watertown.

## 1957

Annette M. Schmidt and Jerome P. DANIELS, Sigel.

Marilee D. JENSEN and Dean Hickey, Ephraim.

Rosemary H. JONAS and Albert W. Sheldander, Lake Geneva.

Patricia A. Wickstrom and Thomas F. KALISH, Iron Mountain, Mich.

Elizabeth A. KANER and Dr. Joost J. Oppenheim, Seattle, Wash.

Alice A. Waters and Arvin H. KRUEGER, Markesan.

Marilynn E. Lindholm and John R. LINDOW, Minneapolis, Minn.

Linda R. Newman and Maynard J. MARSHALL, Dugway, Utah.

Elaine K. Sundstrom and Paul A. MCLEOD, Duluth, Minn.

Weyno E. OHLROGGE and M. James Hager, Appleton.

Elizabeth L. Gamroth and Victor S. SANDMAN, Wisconsin Rapids.

Lynne C. Harris and Ralph WIKEN, Wauwatosa.

## 1958

Beverly A. BRAUN and Joseph T. McCaughey, Neenah.

Alice J. CARSWELL and John L. Leonard, Richland Center.

Susan R. Day and Thomas J. DEAN, Richmond, Va.

Gail Blahnik and Don H. DE MEUSE, Algoma.

Patricia F. Canham and William E. DOERING, Appleton.

Jana S. Schweppe and Donald L. DREIER, Shawano.

Carol-Joy M. Hoppe and Donald A. EVERT, Brookfield.

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Mary K. Siewers and William F. HOEFS, Chicago.

Phyllis M. Zahrt and Philip J. JURGEN, Madison.

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Joan S. Hill and Dr. John T. UNDERBERG, Waukesha.

Eunice J. Ashbeck and Thomas O. VECHINSKI, Wisconsin Rapids.

## 1959

Elizabeth A. BAIRD and Michael F. Stirling, Madison.

Helen E. BIRD and Donald J. HERLACHE, Beaver Dam.

Nancy J. Arps and Arthur L. COHRS, Milwaukee.

Sara A. Lien and Daniel L. COSTELLO, Madison.

Emily E. CUSTER and Donald M. Meter, Madison.

Kathleen M. Knueppel and Robert M. DARLING, Wauwatosa.

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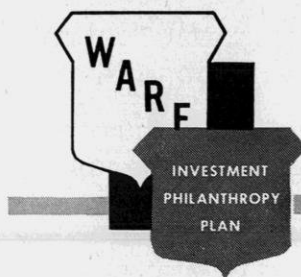
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