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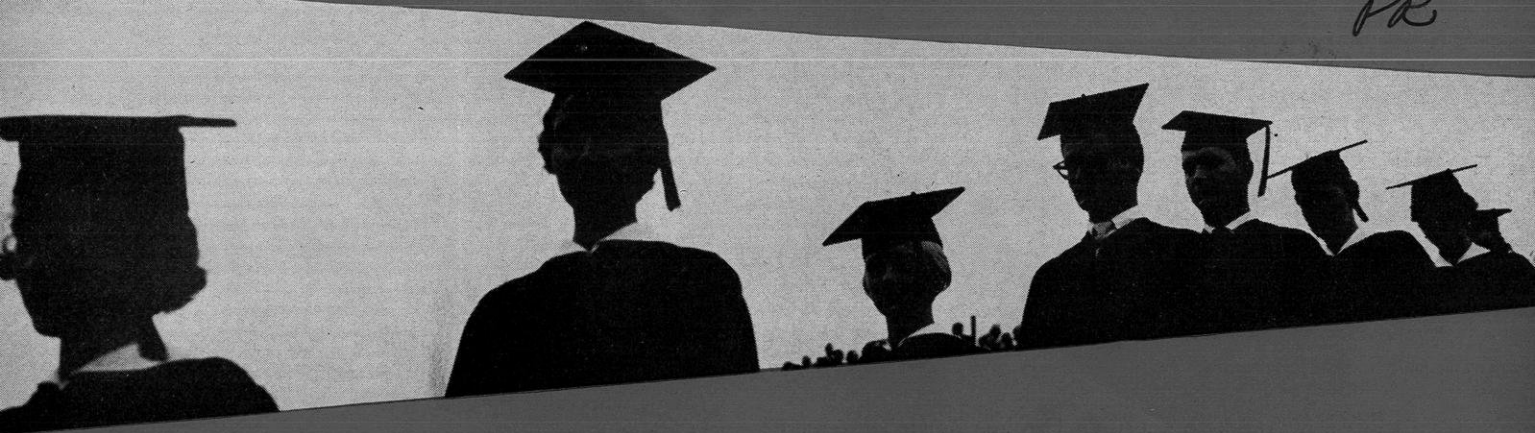
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WISCONSIN *Alumnus*



- A Season for Honors
- Legislative Report
- June 15, 1957



75-Year Memories

*F. G. Hobart, '86, reminisces
on campus life in the eighties*

AROUND 1868-70 my sister, Caroline A. Hobart, entered the University and roomed throughout her course in Ladies' Hall (later Chadbourne). My mother paid her a visit and took me along. We were guests in sister's room for a day or more.

This was my first introduction to the University at six or seven years of age. My sister Lillian was the next to graduate.

I entered in 1882 the hard way. There was no high school in my native village of Oak Creek (now South Milwaukee) so I took entrance examinations. I was allowed to squeak in with conditions in higher algebra, solid geometry, botany and German. All were squared away the first year.

Prof. Kerr, my class officer, advised against an engineering course as I seemed to be lame in mathematics. But I got into Mrs. Carson's class in higher algebra where an outstanding member was "Kit" McDonald (Mrs. Burr W. Jones). Botany was from Prof. Trelease where the required herbarium was made with the help of my fiancée, Bertha Lewis.

Both North and South Halls were then divided by two partitions from top to bottom into three sections—each with its own stairway but with no plumbing or furniture except a small stove. My first roommate was J. E. McConnell, whom I had never met. We took a room on the third floor in North Hall.

Both of us were on a close financial schedule so we visited a secondhand place for needed furniture. One item was the

bedstead. "Mac" did not sleep there the first night. I tried to, but was soon attacked by bedbugs and put in most of that night on the floor. Next day the buggy bedstead was replaced by a new one.

There was then no available electricity nor gasoline engines of any kind. Did we have fun? Plenty of it. On Lake Mendota was boating, fishing and swimming in summer and skating and skate sailing in winter. We played soccer football between the two dormitories and baseball was popular then as now. My first view of Beloit was with two carloads of us who came by C & NW to see a game with the Beloit College nine.

There was always something doing around those dormitories. We all had coal scuttles and it was not uncommon to hear one of them go clattering down the stairs.

Each of two outside privies finally went up in smoke.

The gym was a long wood building north of Bascom Hall. It had a bowling alley and a few other items. (It also went up in smoke.)

A dormitory court was organized, the favorite penalty for a guilty verdict being a dip in Lake Mendota.

So the discipline was good and the life healthy and happy.

The transformation from dormitories to classrooms started in my time as I took a short course in mineralogy under Prof. C. R. Van Hise in a basement room in North Hall. He later became president of the University and was a fine person.

John Bascom was president in the eighties and was most revered by our student body. He was strong in philosophy and required every senior to take one term.

Library Hall (now Music Hall) was then ample for all meetings, the back part housing the University library. The president occasionally held meetings there of the entire student body; he talked to them like a daddy. All commencement exercises were held there.

There were 41 members in our class of '86 as I note from my copy of our class day programme.

MAKE LIFE WORTH LIVING...

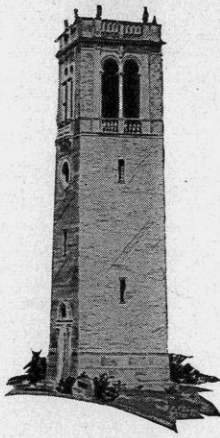
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WISCONSIN Alumnus

Official Publication of the Wisconsin Alumni Association

JUNE 15, 1957

VOL. 58, NO. 14

Articles

75-Year Memories	2
Legislature Passes Budget Measure	6
A Season for Honors	8
Who "Wears the Pants" When Couples Work?	13
Part-time Work vs. Full-time Study	15
New Horizons in Nursing	19

Departments

Keeping in Touch With Wisconsin	5
Compendium	11
Campus Chronicle	12
Wisconsin Women	14
Faculty	16
Sports	17
Alumni Club Bulletin Board	24
With the Classes	24
Association Officers and Directors	27
Necrology	28
Weddings	32
Dear Editor	35
Badger Bookshelf	39

Staff

John Berge, '22	Managing Editor
George Richard, '47	Editor
Edward H. Gibson, '23	Field Secretary
Grace Chatterton, '25	Alumnae Editor
Joan Ackley, '57	Student Editor

★ Sidelines

COVER. It's that time of year. For us alumni—reunions. For hundreds of graduating seniors—Commencement. Reunions are perhaps the last thing in their minds. There were about 1,650 first degree winners scheduled to march down the aisles of Camp Randall on June 21 to receive diplomas before the eyes of proud parents and friends. There were also about 460 masters, 60 bachelor of laws, 180 Ph.D., and 77 M.D. degree candidates. Other statistics: 23 per cent married, 23 per cent war veterans, 84 per cent Wisconsin residents, the balance from all other states and from 60 foreign countries.

*

\$100 REWARD. After an economic survey of Stevens Point by the UW Extension's Bureau of Community Development, that city's industrial development group decided to offer a reward of \$100 for encouraging new industry to locate there. The group also is putting into effect a number of other suggestions from the survey report.

*

POOR FISH. Stealth is an important quality to possess if you're pursuing piscatorial pleasure this summer. That's the word from a UW biologist, Prof. Arthur Hasler, whose studies on fish migration indicate that fish probably see, smell, feel or hear you coming.

*

HIGH LEVEL POLICY. If the same differential between factory laborers, engineers, medical doctors and college professors existed in the United States as exists in the Soviet Union, an educator who visited Russia last year noted, then our professors would have to receive about \$25,000 a year, and outstanding research scientists would receive \$60,000.

THE WISCONSIN ALUMNUS, published once monthly in December, January, February, March, April, May, June, July and September, and three times monthly in October and November. (These extra issues are Football Bulletins.) Entered as second class matter at the post office at Madison, Wis., under the act of March 3, 1879. Subscription price (included in membership dues of the Wisconsin Alumni Association) \$2.50 a year; subscription to non-members, \$5.00 a year. Editorial and business offices at 770 Langdon St., Madison 6, Wis. If any subscriber wishes his magazine discontinued at the expiration of his subscription, notice to that effect should be sent with the subscription, or at its expiration. Otherwise it is understood that a continuance is desired.



Another Wisconsin Man — on the way

Remember when it was you standing there? How you squirmed when your father saw that one bad report card. You're glad now that he made you buckle down — grateful that you were able to go on to one of the country's finest universities.

Naturally, you want to be just as farsighted about your own son's future. So now that he's one year closer to college — wouldn't it be wise to call your Massachusetts Mutual man and discuss the best insurance plan for his education?

And since this is the time for report cards and review, perhaps you should re-evaluate your own career. Are you as far along as a man of your ability should be?

For example, are you earning as much as \$12,490 a year? That was the 1956 average income of 562 representatives who have been with the Massachusetts Mutual Life Insurance Company five years or longer.

They are men like you — men chosen for their fine education and background. All received thorough training and earned while they learned. Now they are established in a career that uniquely combines independence with stable income — plus the security of group insurance and retirement benefits.

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keeping in touch with Wisconsin

WISCONSIN CENTER BUILDING: AN EDUCATIONAL MILESTONE

This year more than a million Wisconsin citizens will attend meetings, conferences and special short courses sponsored by the University of Wisconsin. Many of these meetings are held in Madison, but such meetings also are held in every county in the state.

For all these people the corner stone ceremony of the Wisconsin Center Building on May 18 is an important event. It marks a significant milestone in Wisconsin education.

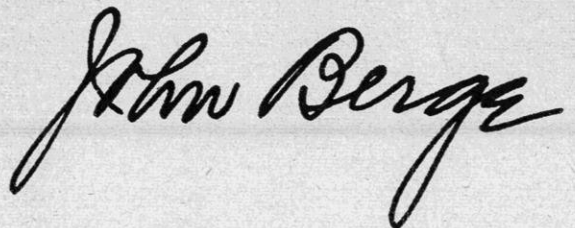
The Wisconsin Center Building is a reality because a lot of fine people recognize the value of education in solving the problems of our atomic age. They agree with Dean Lindley Stiles' introductory statement in the Founders Day issue of the WISCONSIN ALUMNUS:

"One characteristic of the atomic age is already established; it places a high premium upon the discovery, development and use of intelligence. In a more dramatic manner than perhaps has been true in the past, the future belongs to the educated man; provided, it must be added, he belongs to a nation of educated men. For, in an urgent sense, those nations which educate their people best will hold the strongest positions in the critical ideological conflict that now grips the world."

In this atomic age the Wisconsin Center Building will play a very important part. Among the many benefits it will bring to Wisconsin people, these three are highly significant:

1. It will help to provide the leadership that will save us in case of war. If we are lucky enough to avoid the destruction of an atomic war, it will help us in using atomic energy for developing higher standards of living, improved welfare and increased happiness.
2. It makes education and knowledge available to thousands unable to attend the University as regular students—men and women hungry for information they need in their daily life and work.
3. Thousands of graduates and former students will be able to expand their educational horizons by attending clinics and institutes, which in a very real sense are post-graduate courses.

This building also symbolizes the importance of alumni support in higher education—the need for effective teamwork between the University, its alumni and friends of the University. Without this teamwork, Wisconsin cannot meet the challenge of the atomic age.



Legislature Passes Budget

*Houses follow recommendations of finance committee;
other bills affect University in varying degrees*

AS EXPECTED, the Wisconsin State Legislature, with dispatch, last month passed the 1957-59 executive budget bill which contained an appropriation of \$40,880,744 for the University. This was the sum recommended by the Joint Committee on Finance, as reported in last month's *Alumnus*.

Also as expected, the budget's passage was the signal for introduction of sixteen separate bills affecting state finances—some restoring cuts, some making new ones, some adding appropriations. The most drastic was the measure proposing a flat, across-the-board slash of 10 per cent in the budget as passed.

Here were some of the other bills:

- To restore faculty salary merit increases to the full amount asked by University, and provide for more money to hire additional instructors as enrollment goes up (requiring about \$487 thousand);
- To earmark entire sum of increased student fees for salary increases (\$953,469);
- To completely eliminate the fee increases of \$10 to \$25 a semester;
- To double the building reserve appropriation to the \$12.8 million proposed by Governor Thomson;
- To put WHA-TV, the state's only educational television station, under the University (see below).

*

The budget bill, while undoubtedly the most important measure affecting the University during this Legislative session, was by no means the only one.

At the time of passage of the budget bill, at least 18 other measures had made their way into the legislative halls, and were either very much alive, very much dead, or feebly stirring in committee.

A bill setting up a system where state teachers could come under federal Old Age and Survivors Insurance was signed into law, as reported in last month's *Alumnus*.

And both houses also had indicated approval of "Bucky Badger" as the official Wisconsin state animal—with a compromise for those who had favored the white-tailed deer: the deer will be "wildlife animal."

Another measure, which would have permitted the University Regents to enter into a contract with a municipality for fire service—or establish the University's own service—was virtually killed when "indefinitely postponed."

Viewed favorably by committees were bills relating to loans to qualified students wishing to pursue their education; and to state payments for veterans treated at the University hospitals.

Passed by the Senate was a measure authorizing the University to invest up to 75 per cent of its trust funds in common stocks, and another subjecting certain University property, when sold, to general property taxes.

Little action beyond referral to committees had been taken on:

- A measure prohibiting use of public buildings by "subversive organizations";
- Two bills setting limits on number of non-resident fee remissions;
- Two bills calling for a survey and classification of mineral lands in northern Wisconsin;
- Two bills establishing a University research laboratory in northern Wisconsin for forestry, timber use and entomology;
- One measure relating to agricultural marketing specialists;
- One bill authorizing scholarships to professional school students at the University of Wisconsin who would agree to go into state service;
- One bill transferring Superior State college to the jurisdiction of the Board of Regents of the University of Wisconsin on July 1, 1958, and later establishing degrees in forestry, mining and marine engineering.
- A bill calling for establishing of Cooperative Extension Service in Agriculture and Home Economics involving University and County boards to carry out full extent of the Smith-Lever and supplemental acts.

*

Since the executive budget bill, as passed, cut off funds for the state's only educational station, WHA-TV, a great deal of support—led by Governor Vernon Thomson himself—went behind a measure which would turn the station over to the University. The bill, 755, A., would provide about \$89,000 extra to the University for operating the station over the biennium.

The University Board of Regents in May put its seal of approval on this plan, as did the Joint Finance Committee.

Educators both within and outside the University were emphatic in urging the retention of WHA-TV. School of Education Dean Lindley Stiles noted that:

Measure

"Experimentation has already shown that educational television is a most promising solution to the shortage of teachers."

"It would seem to me to be wise state policy to continue the experiments on WHA-TV on all levels of education," said George Watson, state superintendent of schools.

Supporters of WHA-TV marshalled facts like these in support of their arguments:

1. Only with access to, and control of, facilities can needed experimentation be carried on. Television is a three-link chain of production, transmission and reception and is incomplete with the elimination of any link. Commercial stations should not be expected to give time which might lose them their mass audiences, and to buy time would be very costly.

2. Top students are attracted to institutions with good facilities, and with a reputation for forward vision. For training students who will later find places in commercial television, a television station is invaluable.

3. Transmission of controlled programs makes possible research on the attitudes of educational television audiences. Certain foundation grants are available for this purpose.

4. Thanks to a recent Ford Foundation grant aimed at releasing faculty time for transfer of academic material to a television format, program series like these are now being planned:

- a. Figure It Out, continuation of a highly successful program for elementary and high schools, with the addition of primary grade material and TV lessons in algebra and geometry;
- b. A combination residence and extension course in land economics and real estate;
- c. Descriptive geometry, a required engineering course with a huge enrollment and lack of teachers; to be kinescoped (recorded on film) for use at extension centers also;
- d. A new approach to English called "descriptive linguistics."

5. Abandonment of WHA-TV would eliminate the grant mentioned above, and force the return of telecasting equipment on terms of conditional gift.

6. The WHA-TV transmitter can be operated at a cost of \$1.73 per hour for tubes and power.

Wisconsin Alumnus, June, 1957

Wisconsin Center Cornerstone Laid

KEY DOCUMENTS in the history of the University were sealed in a copper box and placed in a 400-pound limestone block on May 18, under the cornerstone of the new Wisconsin Center Building at the corner of Langdon and Lake Sts.

Many members of the University of Wisconsin Foundation and contributors to its campaign for funds to build the two-million dollar structure witnessed the ceremony. The building will be given to the University on completion to house the great variety of conferences, short courses, and other adult education programs which have been homeless on the campus for years.

Into the copper cornerstone box former Gov. Oscar Rennebohm, Madison, put the state constitution; Regent Ellis Jensen, Janesville, a copy of a Regent resolution commending the Foundation's efforts; Pres. E. B. Fred, documents describing the Wisconsin Idea and the famed "Sifting and Winnowing" academic freedom creed.

Others who added to the box included Howard I. Potter, Chicago, chairman of the Foundation Board, who placed a copy of the Foundation's objectives in the cornerstone; Ray M. Stroud, Madison, Foundation secretary and counsel, who put in the bylaws and articles of the Foundation; Emeritus Dean F. H. Elwell, Madison, bulletins of typical conferences of the type which will be housed in the Center; L. L. Smith, Kohler, executive

(continued on page 37)

Cornerstone laying principals Fred, Birch, Rennebohm, Jensen.



A SEASON FOR

Walter Frautschi, '24: Alumnus of the Year

NO MORE devoted son of Wisconsin could there be than Walter A. Frautschi—intense in his interest in her welfare, wise in his counsel for her progress.

Since his active student years on campus, which culminated with his presidency of the Class of 1924, he has come as close to being an "ideal alumnus" as any graduate ever can be. Through every avenue possible, Frautschi has served his *alma mater*, devotedly and well.

His physical proximity to the campus has made him readily available for frequent consultation, and this extra demand on his time he has always met with no hesitation.

In recognition of these facts, the Alumni Association's awards committee—under the chairmanship of Thomas E. Brittingham, Jr.—awarded Walter Frautschi the first Association-sponsored "Alumnus of the Year" Citation. The citation, presented on Alumni Day, follows:

This Citation is Awarded to *Walter A. Frautschi*—Wisconsin Alumnus of the Year—for his steadfast loyalty to the University of Wisconsin; for his outstanding contributions as president and director of the Wisconsin Alumni Association, particularly in the development of our Alumni House; for his long-time leadership in the Wisconsin Alumni Club of Madison; and for his wise counsel as a trustee of the Wisconsin Alumni Research Foundation, charter member of the University of Wisconsin Foundation, and member of the Memorial Union Council.



HONORS



Business, Education and Photography Specialists Honored

THREE MEN renowned in art, science, and industry will be awarded the 351st, 352nd and 353rd University of Wisconsin honorary degrees at Commencement June 21. They are:

L. A. DuBridge, '26, Pasadena, Calif., (top) president of the California Institute of Technology, former director of the Radiation Laboratory at Massachusetts Institute of Technology, holder of the UW Ph.D. in physics—the doctor of science degree;

Keith McHugh, '17, New York, (center) president of the New York Telephone Co., former deputy administrator of the NRA, former member of the industry committee of the War Production Board, member of many philanthropic societies—the doctor of laws degree;

Edward Steichen, New York, (below) artist-photographer, director of the department of photography at the Museum of Modern Art, composer of the Museum's award-winning "Family of Man" exhibit of photographs from 69 countries—the doctor of fine arts degree.

(For detailed biographies of alumni honorary degree recipients, see appropriate sections of class news department, this issue).

Outstanding Students Receive Association Awards

Award winners Urfer, Wagner, Hoffman, Urban, Rehbein (back row); Riemann, Alperovitz, and Alt (front row).



Scholarships totalling \$500 were awarded in May to six outstanding men and women in the University of Wisconsin junior class by the Wisconsin Alumni Association.

Also awarded were \$100 life memberships in the association to two outstanding seniors.

Based on scholarship, extracurricular activities, and degree of self-support, the selections were

made by an Alumni Association committee after personal interviews.

Cordelia Wagner, Chicago, won a \$100 scholarship as outstanding junior woman. She is chairman of the Wisconsin Union Forum committee and active in student government.

Honorable mention winners of \$75 among junior women were Mary Jane Alt, Milwaukee, chairman of the Union News Bureau, and Barbara Rieman, Madison, a co-chairman of New Student Week last fall.

Winner of \$100 as outstanding junior men was Gar Alperovitz, Racine, 1956-57 president of the Wisconsin Union.

Honorable mention winners of \$75 among junior men were Donald Hoffman, Elm Grove, recently elected president of the Wisconsin Student Association, and Richard Urfer, Spring Green, chairman of the 1957 Prom, president-elect of the 1958 Senior Class and chairman of the Interfraternity Anti-Discrimination committee.

Awarded life memberships in the Wisconsin Alumni Association were seniors Helen Rehbein, Appleton, president of the Student Senate, and James Urban, Green Bay, varsity crew member and vice-president of the senior class.

Members of this awards committee were Graduate School Dean Conrad A. Elvehjem, Madison; Martin Below, Chicago; Mrs. Carroll Heft, Racine; Leslie M. Klevay, Jr., Madison; Charles Lister, Milwaukee; Mrs. Wallace Meyer, Madison, and Mrs. John J. Walsh, Madison.

Top Teachers Receive Cash

The University paid tribute to superior teaching last month.

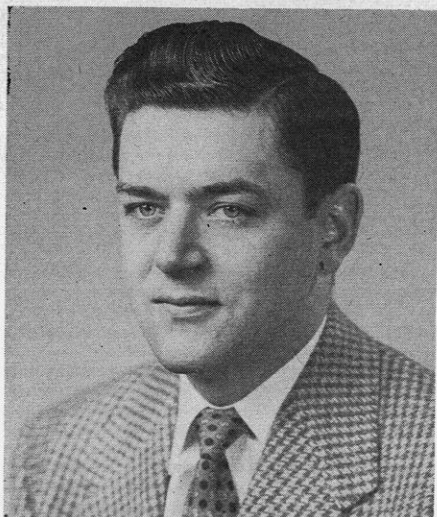
● Two young assistant professors were named winners of this year's \$1,000 Kiekhofer Memorial Teaching awards: August P. Lemberger, pharmacy, and John L. Margrave, chemistry.

● Harold A. Peterson, professor and chairman of the department of electrical engineering, was awarded the annual Benjamin Smith Reynolds Award of \$1,000. This award was established three years ago by the family and friends of Benjamin Smith Reynolds, widely known Madison manufacturer who died in 1954.

Born on a farm at Essex, Iowa, Prof. Peterson gained both his bachelor's and master's degrees in electrical engineering at the University of Iowa. He was on the staff of the General Electric Co., from 1934 until he joined the UW faculty in 1946.

The Kiekhofer awards are a fitting memorial to the late Prof. William H. "Wild Bill" Kiekhofer, whose own talents for the teaching of freshman economics have become campus legend.

Prof. Lemberger, 31, holds the 1948 B.S. degree and the 1952 Ph.D. in pharmacy, both from Wisconsin. He was senior pharmaceutical chemist with Merck and Co. before he joined the School of Pharmacy as instructor in 1952. He became assistant professor in 1955. Prof. Margrave, 33, holds the 1948 B.S. degree and the 1950 Ph.D. degree from the University of Kansas. He was post-doctoral fellow at the University of California before joining the UW chemistry faculty in September of 1952 as instructor.



August P. Lemberger



John L. Margrave



Harold A. Peterson

Madison landlords engaging in discriminatory practices in regard to race, creed, color or national origin or who request such information in advance of renting rooms or apartments to students will be denied approval by the University of their houses, the faculty decided last month.

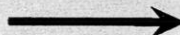
Judgment of evidence of discrimination would be by the Committee on Human Rights. This group was cautioned by the faculty: "It is . . . impossible to define discrimination such that no problems would exist . . . (The faculty) feels sure that the Committee on Human Rights . . . will give considerate attention to such problems, and that proper restraint, especially on debatable issues, will be exercised."

Not all students live in approved houses, although this is a long-range goal of the University.

Housing Discrimination Is Discouraged



Why Is America Short of Scientists?



Three faculty leaders—Vice Pres. J. Kenneth Little, Chemistry Prof. Farrington Daniels and Graduate School Dean Conrad Elvehjem—told the Coordinating Committee for Higher Education last month why America is critically short of scientists and engineers. Some of the reasons:

- It's not generally appreciated how important scientifically-trained people have become.
- Not enough qualified high-school graduates are going on to college.
- Not enough top-notch teaching exists to interest students in continuing science study.

Unless positive steps are taken to improve teaching quantity and quality at both high school and college level, the three men declared, the situation is likely to deteriorate even more.

Compendium

The Picnic Point area will definitely be reserved for academic building and for housing, the Regents decided last month. Earlier, the Board of Visitors had suggested that a golf course be constructed in that locality.

*

The Bardeen Memorial Laboratory, named in honor of the first UW medical school dean, was dedicated May 17; ceremonies featured Gov. Vernon Thomson, Regent Oscar Rennebohm, Pres. Fred, members of the Bardeen family (including John A. Bardeen, 1956 Nobel prize-winner) and others.

*

Carl E. Steiger, Oshkosh, was reappointed to the Board of Regents by Gov. Vernon Thomson. (Steiger's son, William, also received an honor recently. The UW freshman won first place in a national youth achievement competition.)

*

The Kiekhaefer Corp. of Fond du Lac has granted \$60,000 to the University to establish a new professorship in the department of medicine.

*

A 21 per cent increase in correspondence study enrollments was reported last month by the Extension Division. It's accounted for largely by increased interest in adult learning, says correspondence study Director Charles Wedemeyer.

*

A first award went to WHA-TV's "Friendly Giant" series, created by Bob Homme, and an honorable mention to a radio series entitled "America Onstage" from the UW radio sta-

tion, WHA, at last month's American Exhibition of Educational Radio and Television Programs. The latter program involved Prof. Jonathan Curvin, J. Helen Stanley, Julius Landau, Karl Schmidt, Don Voegeli, Ray Stanley and Marjorie Shaffer. Assisting Homme is Ken Ohst.

*

The faculty has approved in principle an experimental program in cooperation with Madison schools which would enable gifted 10 and 11 grade students to take, for credit, enriched versions of present college preparatory courses.

*

Gov. Thomson and ten law school seniors in the upper ten per cent of their class were initiated into Coif, honorary law fraternity, on May 10.

*

A new section of the University Hill Farms was opened last month for residential development by the Regents. Lot prices range from \$2,850 to \$5,300.

*

Best student contribution to the Wisconsin Law Review will annually receive income from a \$1,500 William H. Page fund, contributed by the late UW law professor's two children, Gilman H. Page, Madison, and Ruth Page Schorer, Berkeley.

*

"Theory of the Earth", a rare 18th century volume, was registered recently as number one million in the books held at the Memorial Library and its campus branches.

Joan Ackley, '57 writes:

Campus Chronicle

A SO-CALLED water "riot" on Langdon Street May 8, in which Madison police apprehended two students whom the University later temporarily suspended, has prompted some soul-searching. The incident raises the question of whether any large-scale demonstration by May-madness can be considered a riot. In this case, a goodly crowd, composed mainly of spectators, swarmed the Langdon Street area. The mode of expression—other than noise—was cool, clear water. A check of "riots" of bygone years makes the 1957 version seem on the mild side.

What's hard to understand is that our generation has been tagged stable, serious-minded, responsible—and bordering on a complete lack of verve and spontaneity. Yet, when students do indulge in a spirited water battle, the group becomes a "mob", the activity, a "riot". From newspaper reports of the incident which modified "riot" with "annual" or "traditional", it seems that students are only doing what is expected of them.

The apprehended students' case, by the way, was turned over to Student Court. A special Inter-fraternity group is looking into underlying causes of such affairs.

Bud Bauder, *Daily Cardinal* sports editor, had a suggestion all ready for that research team: the lack of facilities for intra-mural sports is the main reason students release pent-up energy in panty raids, water fights, and who-knows-what next year.

"PICTURES AT AN EXHIBITION"

Eleven UW artists received \$232 in prizes at the 29th annual Student Art Show sponsored by Union Gallery committee last month. Merchandise, monetary, and honorable mention awards were made in eight categories. There were 212 entries in all. Winners are Sally Sexton, '57, Western Springs, Ill.; John Rodgers, graduate student, La Crosse; John Thomas, graduate student, Stevens Point; Arlene Kimball, '59, Racine; Sue Mack Grannie, '58, Milwaukee; Allyn Almundson, '57, Baraboo; Jan Warner, '59, Superior; James Spitzer, '58, Milwaukee; Rosemary O'Bryan, graduate student, Stoughton; and Lynn Mellenthien, '57, Horicon.

PHI BETA POPPA

It takes brains—and a lot of doing—for a father of five to make Phi Beta Kappa, but James R. Carter, '57, proved it's possible. One of 56 seniors elected to the national honorary society, Jim is a physics major who, in addition to intensive studying, works 16–20 hours per week and helps his wife, Carol, care for their nine-month-old triplets and two older children, ages four and five.

PING PONG PHENOMENON

Steve Isaacson, '59, Highland Park, Ill., certainly knows his table tennis. He is rated tenth in the nation by the American Table Tennis Association and was selected to appear on "Championship Table Tennis", a TV program originating from Chicago. Besides his high ATTA rating, Steve is inter-collegiate singles, doubles, and mixed doubles champ and holds the title for the Illinois state open singles, doubles, and junior singles.

VANISHING HEADACHE

An innovation in registration procedure for incoming freshmen will be instituted this summer, eliminating the September hubbub that has traditionally given new students a rather bad first taste of academic life. During the six-week period between July 15 and August 23, incoming frosh will meet with registration consultants, file study lists, and complete the pre-registration process to the point where continuing upperclassmen left off in May. Since the procedure is new, officials aren't sure how everything will work out but other schools using similar plans report 80–95% participation.

The Wisconsin Legislature has recommended that the Board of Regents approve raising resident fees from \$90 to \$100 and out-of-state tuition fees from \$250 to \$275 per semester. Seems it's going to be much easier to register at the University than it will be to stay.

WINNERS

Seniors Joan Van Straten, Black Creek, and Jon G. Udell, Fall River, are recipients of the 1957 Herfurth awards for initiative and efficiency at the University.

On a slightly different note, Suzanne Saalsaa, '59, Argyle, has also distinguished herself as a winner by earning more than enough money to pay for the rest of her speech and English education at the University participating on the CBS television quiz show, "Name That Tune".

A speech major, specializing in radio and television, Gary Suhr, Wheaton, Ill., is the new president of the Men's Halls Association Cabinet.

CLASSY GIFT

This year's graduating class presented to the University a decorative tile wall for the new Memorial Union cafeteria. The tile partition, which separates servery from the dining area, is accented by redwood planters harmonizing with the cafeteria woodwork and is set off by indirect lighting. A redwood plaque bearing the inscription, "Presented by the Class of '57" completes the picture.

Who "Wears the Pants"

When Couples Work?

*This survey reports that spouses
are generally equal partners*

By Hazel McGrath

After making a study of 129 working couples, a University of Wisconsin sociologist decided that most of the couples are equal partners in everything.

Everything but the housework, that is.

"The findings suggest," Everett D. Dyer writes, "that this type of two-income family has become essentially emancipated from traditional patriarchal authority patterns."

Or to put it in layman's language: Both wear the trousers.

Although the little woman in Dyer's sampling now enjoys equality in making decisions and settling disagreements, and in most cases shares fully in her husband's social and recreational life, she has one grievance:

"Even though the wife is now sharing the family provider role with her husband, there is as yet relatively little reciprocal sharing in the home-maker role by the husband. The wife still carries the main burden here," he reports.

Dyer chose the study for his doctoral thesis in sociology because, he says, "It is quite apparent that the two-income family is becoming an integral part of American society in mid-twentieth century, and therefore needs to be studied as to the nature of its organization, its functions, its internal relationships and role patterns."

To collect his information Dyer gave his carefully-worked-out questionnaire to the wives of the 129 working couples because the changes and adjustments in the roles of the wives were among the focal points of the study. To be sure that the wives could correctly gauge their husbands' attitudes, he pre-tested the questionnaire on a group of 20 husbands and wives.

Dyer chose to concentrate on three areas in the family relationship: homemaking, social participation, and family providing and financing.

In his group of couples, both husband and wife were employed, one or both in a white-collar occupation; at least one mate had a minimum of high school education; and the family enjoyed middle-class status.

The mean age for wives was 39, for husbands 42; the mean number of years married was 12.2; the average income for husbands was \$4,336, for wives, \$2,936.05. The families had a total of 70 children, with 54 per cent of the couples childless.

"The findings suggest that in these two-income families the husbands and wives have become equally as emancipated from traditional conceptions of 'woman's place' and 'man's place' in the family as they have from traditional role practices and patriarchal exercise of authority. The data suggest that husbands as well as wives feel that an equalitarian exercise of authority in the family is right and proper," he writes.

Dyer found the happiest marriages were the most "partnership-equalitarian," those in which each mate had an equal voice in family affairs. Marital happiness was also found to be associated with a relatively high education for the husband, relative youth of the wife, absence of children, and relative youth of the marriage. When the wife worked because she wanted to rather than because of economic necessity the marriages were also happier.

Contrary to his expectation of finding joint husband-wife performance or sharing of home-planning, home-management, and household tasks, Dyer found most families falling in the traditional categories with only 4 per cent fully partnership.

In the area of social, recreational and leisure-time activities, he found the majority of cases falling in the highly partnership category. Wives joined their husbands in most leisure-time pursuits, and marriage partners shared a wide variety of in-the-home and outside-of-home activities and interests.

"The pronounced equalitarian patterns found in these families in methods of making decisions and settling of disagreements were among the most striking findings in the study. They represent a considerable change from traditional family authority patterns," Dyer concluded.

Dyer now is on the faculty of the University of Houston.

Wisconsin Women

. . . with Grace Chatterton

SELMA LANGENHAN SCHUBRING, '07, (Mrs. E. J. B.) was honored this spring by the Madison chapter of the American Red Cross and no wonder. She's wonderful!

There are very few women who have accomplished as much as she has over the years, and had as much fun in the process. Very few women have as many diversified interests as she and perhaps that is why Selma Schubring is still young and gay at 76.

When she arrived in Madison as a bride more than 50 years ago she decided to take advantage of the world of learning at her door step. It was not customary then, as it is now, for young married women to attend the University. Students and faculty looked a bit askance as Mrs. Schubring answered roll-call. But she first acquired a B. A. in English, then changed her major to become the first woman to get a Ph.D. in geography and geology at Wisconsin. A Phi Beta Kappa key in her junior year, election to Sigma Xi, graduate science honor society, and Sigma Delta Epsilon, for women engaged in advanced science, were honors acquired during these years. World War I plunged her into Red Cross work, but this was interrupted by a call from Washington asking her to serve as an assistant in the research bureau of the War Trade Board. After the war she became absorbed in the study of Braille, a service which the Red Cross had been sponsoring. She studied it by correspondence, bought her own transcribing machine, got her materials from the Library of Congress and has taught this subject—as a volunteer—many years. According to her associates "her work is meticulous", and highly praised by the National Red Cross.

Somehow Selma Schubring has managed to also be a founder of the Madison branch of the American Association of University Women, the Madison League of Women Voters, the Madison Civics Club and has been woman's champion of two Madison golf clubs. In fact she has been on the board of the Women's Western Golf Association, a recognition of her real ability in this sport.

Selma Schubring is also a fellow of the American Geographical Society, a member of the Wisconsin Academy of Arts, Sciences and Letters . . . it's difficult to stop enumerating the many honors which have justly come to this petite, attractive, vivacious woman. Selma Schubring has made a useful and exciting life for herself!

EAST AND WEST

Congratulations to Harriette Welton, '35, who has a thriving interior decorating business in, believe it or not, Japan. She opened her own studio in Tokyo recently after working in the Orient for ten years as a Red Cross recreation leader and civilian employee with the Army Special Services. It was her special responsibility during those years to establish attractive, comfortable recreation centers for battle-weary soldiers. Harriette became an expert at improvising and literally established factories in order to provide suitable tables, chairs and draperies for those establishments.

She promptly won several important commissions to decorate major army and air force service clubs when she established her own business in Tokyo.

A degree in art education earned at Wisconsin, a Parsons School of Design scholarship providing one and a half years of study with top notch teachers in Paris, and work in American department stores and furniture factories have given Harriette excellent training for her work. Now she custom designs furniture, lighting fixtures, fabrics, even ash trays, and keeps a staff of eight people busy translating her ideas into modern rooms where the best of eastern and western design elements are combined.

* * *

Three of the four members of Theta Sigma Phi honored at the annual Matrix Table, held by Alpha Beta chapter of Northwestern university at the Georgian hotel, Evanston, Ill., on April 11, were Badgers, from Beta chapter at the University of Wisconsin. Left to right: Anna-Rose Grill Spina (Mrs. Joseph), '50, publicity director for the Girl Scouts of Chicago; Florence Collins Weed (Mrs. Arthur), '19, assistant in the national writing project for hospitalized veterans; and Lucy Rogers Hawkins (Mrs. A. B.), '18, managing editor, Journal of the American Oil Chemists' Society. Mrs. Spina and Mrs. Hawkins are members of the Chicago Alumnae chapter, and Mrs. Weed of the North Shore Alumnae chapter.

Chicago journalists are honored. See above.



Wisconsin Alumnus, June, 1957

WANTED: "Jobs for Joe College," an *Alumnus* article of some time ago, brought back memories of my student days at the university.

Many of these memories are pleasant, but not all of them. It is still painful to recall experiences connected with finding part-time jobs in Madison when I was an undergraduate.

I remember that all too often the pressure to earn enough money to live left little time or energy for keeping up with my studies. I developed a continual harried feeling not conducive to concentrating on books or classrooms.

According to the "sink or swim" theory of character development, these experiences should have been ennobling. They may have been; I don't know. But I am sure they lowered my grades and prevented me from reaping the full benefits of university courses and extra-curricular activities.

I was a 23-year-old Navy veteran when I arrived in June of 1946. The cost of living in Madison was not much lower than now and G.I. payments did not go far for one who did not have the lump-sum cash to obtain board and room in a university dormitory.

I began regular visits to the university student employment office seeking jobs—odd or even, I wasn't particular.

During my first year, I cleaned storm windows, laid cement sidewalks, visited new mothers as a salesman for a baby-shoe-bronzing firm, cut trees, mopped floors, solicited advertising and typed theses.

But I was perpetually and acutely short of cash. I spent

as much time searching out new jobs as working on them. Night after night I fell asleep over an opened psychology or German textbook. Morning after morning I skimmed frantically through dozens of unread pages while gulping quick cups of coffee in "the pharm" at Lake and State streets.

I was living then at 210 Langdon Street in a huge, old, English-half-timber-type mansion which had been acquired by an ex-milkman a year or two earlier in anticipation of a huge influx of ex-G.I. students. He figured right. And in my second year, the idea occurred to several of us that what a milkman could do, we could do better. But our search for a suitable building that we could buy (on borrowed money) was unsuccessful. All such structures near the campus had been acquired by others for the same purpose. The shortage of student dwelling units was severe.

So we went into the housing business anyway. An ex-Army sergeant, an ex-Marine lieutenant and I—all students—recruited a force of six or eight impecunious students and assigned them to visit every house in an ever-widening circle from the campus. Eventually we covered much of the city.

These salesmen were paid for the number of spare rooms they could persuade home-owners to rent to students. We typed out sample "spiels" for them to memorize and deliver feelingly to housewives.

The shortage of student dwelling units was severe. Undergraduates were living in homes in Middleton, in farm houses

Part-Time Work

VS.

Full-Time Study

By Ron May, '49

Mr. May is presently Washington correspondent for the Madison (Wis.) Capital Times, was staff member of a prize-winning weekly paper, and was a co-author of a book "McCarthy—The Man, The Senator, The Ism."

Wisconsin Alumnus, June, 1957



... little time or energy for keeping up with my studies ...

10 miles from Madison and in Badger Village, near Baraboo.

Soon the "listings" began to pour into our "office" in large numbers. The queue of room-hunting students at 210 Langdon Street grew longer than that at the university housing bureau, for the simple reason that we had more rooms available and because we had an agent at the other queue "selling" our service.

We charged students from \$5 to \$25 for a room, depending on the room's condition, location and size and the student's financial ability. We charged nothing for several of our rooms because the students were broke, and we fixed the fees at \$50 for several because the applicants were wealthy.

We worked at our room-hunting more than 40 hours weekly for modest returns. There were no other jobs.

The next year I secured a job as a "service room bartender" at the Loraine Hotel. The hours were 5 p.m. to 1 a.m. five days a week, or a total of 40 hours weekly. Pay was high, but so, by that time, were my debts.

The circles deepened under my eyes and the vacant stare grew more pronounced. My ability to concentrate on class-

(continued on page 39)

he takes his music

SERIOUSLY



Maestro Richard Church, '27

leads University's symphony orchestra

HOUSELIGHTS DIMMED slowly in the packed Wisconsin Union Theater. Like so many stars, small lights illuminated the music stands of players in the orchestra pit. A wiry, youthful-looking conductor, arms upraised, brought the 90-member orchestra to attention, and, on his signal, their instruments responded with the lively overture to "Of Thee I Sing."

Although the music varies with the occasion and orchestra personnel witness gradual turn-over, the man up front has remained at his post for the past 13 years. This performance last fall, indeed, was the 100th Prof. Richard C. Church, '27, had made for the Wisconsin Players in the Union Theater.

Recently this conductor of the University Symphony Orchestra was dubbed the UW's "Mr. Music" by the *Milwaukee Journal*. The title is well deserved.

Prof. Church came to the University in 1944 after teaching high school students in Janesville and at Madison Central and West. He maintains a busy schedule at the University above and beyond his teaching and conducting assignments.

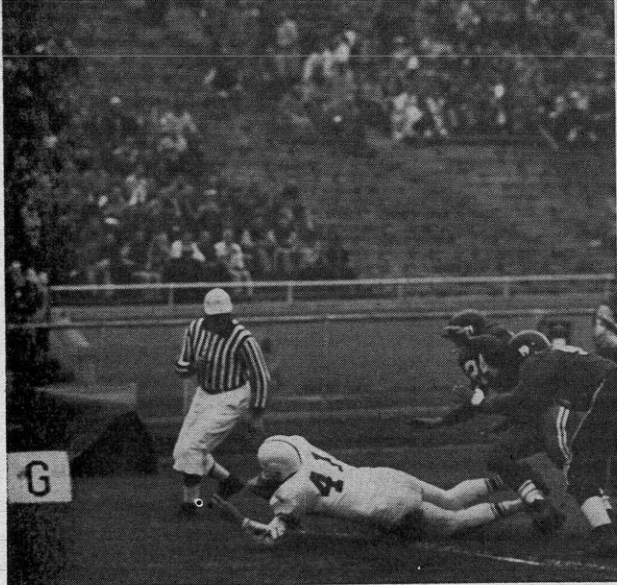
A protege of Sigfrid Prager, former conductor of the Milwaukee Civic Symphony orchestra and University faculty member who encouraged greater musical appreciation in the Madison area, Prof. Church's interest in conducting was fired during his undergraduate days. Prager saw Prof. Church conducting while the latter was a senior in speech, recognized his talent and advised the student to take up conducting seriously.

Prof. Church began studying the viola and then the bassoon. In 1936 he received his bachelor of music degree and in 1940 his master's degree. All the while, Prof. Church's admired tutor in-

spired and guided his work. A member of the American Symphony Orchestra league, the UW conductor has worked during summer sessions under such men as Cleveland's George Szell and Philadelphia's Eugene Ormandy. He finds remarkable agreement in the ideas of such internationally famous conductors with those of Prager.

Prof. Church takes his music seriously, preferring the classics although not scorning modern works. He believes (and his students emphatically agree) that the study of music is vastly enriching. All 90 members of the University Symphony Orchestra consider it an honor simply to belong.

During three rehearsals a week—a total of four and one-half hours—Prof. Church makes his students toe the mark. Consequently, their performances before thousands are consistently good.



The old grads showed how it was done—and the varsity showed how it is done on Camp Randall soil nowadays. And who among alumni could tell for whom he was rooting? Before the game, the promise of seeing such as Alan (The Horse) Ameche galloping about in his big number 35 jersey, or Elroy Hirsch of crazy-legs fame dancing his little fandango as he eludes tacklers, or speedy Harland



Carl zipping over the surf—all this anticipation brought gleams to the eyes of veteran Badger fans. And the gleam never left those who were fortunate to witness the clash, which saw the likes of touchdowns by the fancy helmeted Hirsch (left), and Carl (right.) After the game, plaudits were loudest for Don Kindt, alumni coach, who put together such an effective team in just a few days.

Alumni Stars Best Varsity In Thrilling Gridiron Fray

YOU COULDN'T have asked for a better game! Well, except maybe for a few less rain drops, and a few more degrees of temperature . . .

This last perhaps from the fans' viewpoint only. For the "old-timers" who returned to the turf of Camp Randall to take on Coach Milt Bruhn's varsity hopefuls, the chill day of May 22 proved no handicap. They put forth their best efforts, and these were enough to overcome the youth and conditioning of Wisconsin's 1957 squad.

Some observers remarked, apropos of the 35-26 score favoring the alumni, that it was a "spectator's game." That it was. But it was also a player's game. Both the grads, whose coach, Don Kindt, did wonders in organization during the week prior to the game, and the varsity played for keeps and for fun.

To a man, the alumni were enthusiastic about making the game an annual custom. So were the spectators, all 16,278 of them.

As the score indicates, it was no one-sided contest. Thrills were dispersed well, from any viewpoint. There was none greater than when promising halfback Bill Hobbs caught a kickoff on his own 14 and battled his way 86 yards to a touchdown. Similar, if not quite as spectacular feats, came from the likes of Quarterbacks Sid Williams and Dale Hackbart and Halfback Danny Lewis—to name just a few of the boys who



By Wayne Rogers, '59

should give good accounts of themselves on the same gridiron next fall.

The returning grads, of course, were supposed to be in dubious condition, with spare tires and even an occasional retread. But in fact they appeared to be in mid-season form, these grid giants of recent years like Alan Ameche, Jim Haluska, Pat O'Donahue, Norm Amundsen, Ken Huxhold and so many others as to defy enumeration.

Harland Carl crossed into the end zone for two touchdowns for the alumni, and Hirsch, Ameche, and Haluska each scored one. Varsity scores were made by Bill Hobbs (who has a talented brother, Jon, in the lineup at fullback), Kocourek, Williams and Hackbart. The Fullback Hobbs converted twice for the varsity while Alumnus Glen (Buzz) Wilson put five straight extra-point tries through the uprights.

Several times Ameche, still "The Horse", plowed his way through varsity defenses and he wound up as the game's leading ground gainer. Carrying for the best average was the varsity's Danny Lewis.

Things looked a bit discouraging for the varsity early in the first quarter as the alumni raced to a 14-0 lead. Then came Hobbs' touchdown run, and things began to even up. Another varsity score closed the gap to 14-13, but the alumni

then moved to a 21-13 half-time advantage.

After another varsity score, the alumni found themselves with the ball on their own one-yard line and thereupon launched a terrific drive with thrills at either end. First, Ameche bulled the ball out around the twenty-yard line, and toward the last, end Dave Howard made an impossible catch of a 35-yard Haluska pass to set up the final grad score.

There's little doubt that the varsity gained valuable experience from the fray, experience that will hold them in good stead when they take the field next fall. For no fewer than four of the eleven varsity starters were freshmen and six of the other seven were sophomores (Lewis is a senior). Of the 34 players Coach Bruhn used during the game, 20 were freshmen.

TEAM STATISTICS

	V	A
First downs (Total) -----	19	22
By Rushing -----	12	10
By Passing -----	6	12
By Penalty -----	1	0
Yardage gained by rushing (Gross total) -----	265	174
Yardage lost by rushing -----	23	41
Yardage gained by rushing (Net total) -----	242	133
Number of rushes by -----	50	34
Ave. yardage per rush -----	4.8	3.9
Yardage gained by passing (Net total) -----	82	232
Combined yardage gained (net total) -----	322	365
Passes attempted by -----	16	31
Passes completed by -----	6	16
Passes intercepted by -----	2	2
Punts by -----	3	3
Punting average for -----	20.0	25.3
Number of fumbles committed by -----	3	1
Fumbles lost by -----	0	0
Number of penalties on -----	1	4
Yardage lost on penalties by -----	15	30

MISCELLANEOUS

Number of kickoffs by -----	5	6
Yardage of kickoffs (total) -----	270	312
Average yardage on kickoffs -----	54.0	52.0
Number of kickoffs returned by -----	6	5
Yardage on kickoff returns (total) -----	235	152
Average yardage per kickoff return -----	38.9	30.4
Number of punt returns by -----	1	2
Yardage on punt returns -----	20	22
Average yardage per punt return -----	20.0	11.0

Lineups:

VARSITY—26

LE—Kocourek, Schoonover, Koenig, Wodarski
 LT—Morris, Jenkins, Genda, Allen
 LG—Stalcup, Lanphear
 C—Teteak, Chryst, Joose
 RG—Fraser, Heineke, Sprague
 RT—Holzwarth, Nelson, T. Huxhold, Coe
 RE—Hill, Peters, Rogers, Peterson
 QB—Hackbart, Williams
 LH—Lewis, Hart, Altmann
 RH—W. Hobbs, Steiner
 FB—J. Hobbs, Zeman, Melvin

ALUMNI 35

LE—Hirsch, O'Donahue, Reinke
 LT—Smith, O'Brien, Reinhart* x
 LG—K. Huxhold, Christakis,* Dixon, Nicolazzi*
 C—Corcoran, Messner, Rabas
 RG—Suminski, Ambrose, Amundsen, Dittrich*
 RT—Konovsky, Cooper, Albright, Booher
 RE—Howard, Brandt, Temp, Esser
 QB—Haluska, Wilson, Simonsen
 LH—Carl, Drakeford*
 RH—Hofer, Lowe
 FP—Ameche, Maher,* Bestor, Rex
 *Freshmen

Score by Quarters

Varsity -----	7	6	6	7-26
Alumni -----	14	7	7	7-35

OFFICIALS: Referee—Rollie Barnum; Umpire—Jim Barnhill; Head Linesman—Arch Morrow; Back Judge—Roy Bellin; Field Judge—Scott Hake.

Golfers Win Big Ten Title

The University of Wisconsin golf team late last month captured its first Western Conference championship in the tournament's 37-year-old history by withstanding a strong Iowa finish. The Badgers scored 1,512, the Hawkeyes 1,520.

The Badgers were led by Dave Forbes and Roger Rubendall, team captain whose 72-hole total of 289 was one stroke short of winner Joe Campbell. Campbell was defending champion, Rubendall a former champion.

Spring Sports Roundup

Golf—On the links the Badgers presented their strongest team this year. Going into the Big Ten meet, the Cardinal squad could display an impressive 16-2 season record, having dropped contests only to Iowa and Northern Illinois Teachers. By decisive margins the team defeated Bradley, Illinois, Northwestern (twice), Michigan State, Detroit, Minnesota, Marquette (twice), St. Norbert (twice), and the same Northern Illinois Teachers; a closer match was the 20-16 victory over Notre Dame.

Team representatives were Roger Rubendall, Jack Allen, Jim Remmert, Dave Forbes, Jeff Ames, Doug Rasmussen, John Gray and Dennis Gehri.

*

Baseball—The Badgers evidently left most of their good baseball behind in early spring training. Not until the last home game of the season, against Western Michigan, did Wisconsin come up with a victory on Guy Lowman field. That was a 2-0 shutout and

demonstrated to some degree why the Badgers had such poor success after a 9-1 early spring record: they couldn't hit the ball. Actually inclement weather limited the home schedule to five games. (The team's record was attracting little more interest in the press than the impending bonus signing of Wisconsin right fielder John DeMerit by any one of several major league clubs in the market. He finally signed with the Milwaukee Braves.)

*

Tennis—On the courts, the Wisconsin net squad turned up at the Big Ten meet with an overall 5-6 record, after a moderately successful season. Not a home match, incidentally, was played outside; all were played in the south end of the new Camp Randall Memorial practice building. A much-improved Al Hentzen, Milwaukee junior, led the squad as No. 1, man; he received good support from Tim Frautschi, Joe Weyer, John Wingstrom, David Shepard, Jim Cummings and Keith Anderson. Collectively, they defeated Lawrence, Ohio State, Purdue and Minnesota,

but dropped matches to Notre Dame, Indiana, Iowa, Illinois, Michigan State and Northwestern.

*

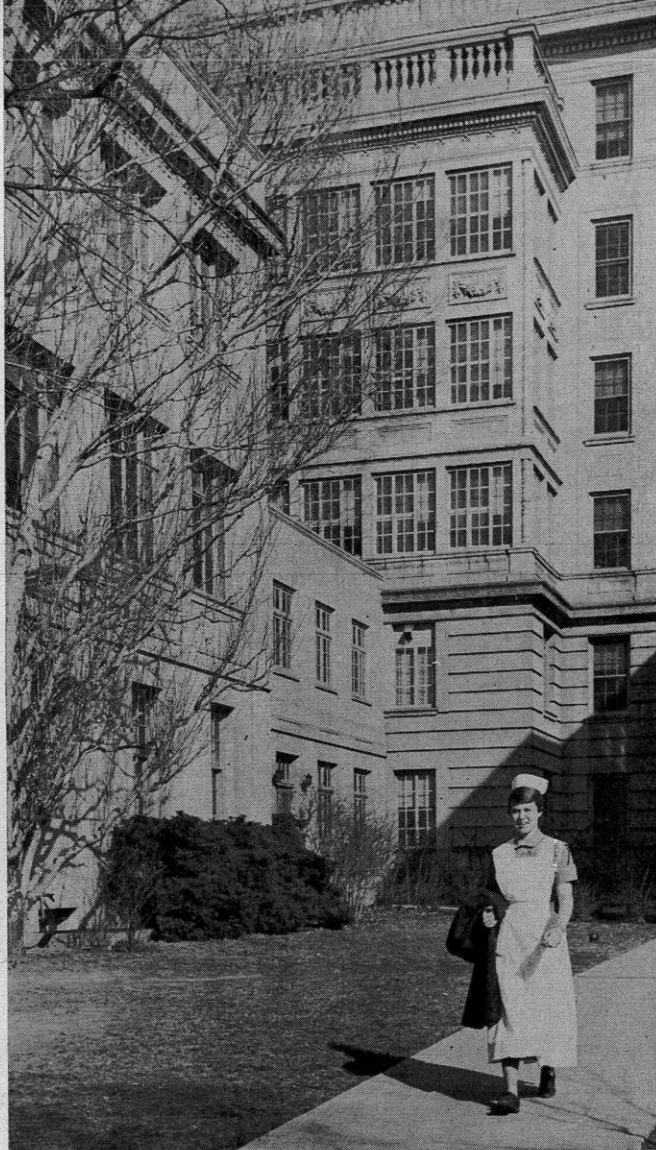
Track—In two successive encounters, sophomore 440-yard specialist Jesse Nixon, a sophomore, set meet records, and at Iowa set a track record of 48 seconds flat. These promising performances were among the most buoying demonstrated by the track team, which lost the Iowa meet 78 2/5 to 52 3/5, and placed second to Minnesota (70) in a triangular where the Badgers 55 2/3 points was still some better than Northwestern's 34 1/3. Nixon won his specialty in the Big Ten meet, and Sam Mylin took second in the high jump.

*

Crew—First collegiate competition for the crew was a race on the Oakland Estuary against the University of California, and the host squad rowed home for a decisive enough victory. In its second outing the Wisconsin outfit had the disheartening experience of meeting Cornell in the qualifying heat for the Eastern Sprint Regatta held this year at Princeton, N. J. Cornell was considered top crew in the East, if not the country, and demonstrated this rating was not unfounded. The Cornell squad handled the Badgers without undue difficulty, then went on to whip Yale by one-foot in a thrill-packed finale. Wisconsin did cross the finish line in front of Rutgers; the Badger jayvee crew, however, finished third in its qualifying heat.

The rowers who stayed home—the freshman crew—fared better against the Purdue rowing club, winning by 3 1/2 lengths.

Onondaga Lake at Syracuse will again be the site, on June 22, of the annual IRA Regatta, and many Badger alumni are expected to be on hand for the affair. There'll be three races in the Regatta, for varsity, jayvee and freshman crews, and Wisconsin is expected to have representatives in each race. Earlier this year wintry weather hampered practice, but the Badger oarsmen—always slow starters—should be considerably improved by mid-June.



New Horizons in Nursing

By Joan Ackley, '57

Photographs by George Richard

Modern medicine demands nurses with specialized training

THERE IS NOW taking place what seems to be a quiet revolution in the field of nursing education. For, although nurses have been ministering to society's ill, injured, and infirm since history began, the profession itself is a relatively young one. And recent, far-reaching changes in society brought an emphatic need for changes in the functions and training of the nurse.

Associate Dean Margery J. MacLachlan, director of the University School of Nursing since 1949, sym-

pathizes with existing chaos in the layman's mind regarding the different types of nurses filling different roles in the present age. She acknowledges that even those on the inside are confused at times.

Tremendous advances in health and welfare, as well as growth in the number of hospitals and medical facilities, since the turn of the century have been paralleled by changes and developments in nursing. These make the profession today infinitely more complex and specialized.

And added to the picture are the various branches of the "paramedical" professions that bear some resemblance to the field of nursing: physical therapy, occupational therapy and medical technology.

The lay visitor to the hospital generally finds it difficult, if not impossible, to differentiate among the many white-garbed nurses engrossed in their work. Basically, the difference can be pin-pointed to training and function. From this, two broad categories can be drawn: practical nursing and professional nursing.

The practical nurse learns simple nursing skills in an average one-year program generally given by vocational schools in cooperation with nearby hospitals. Training prepares her to care for the sick and injured under the supervision of a physician or a professional nurse. In Wisconsin she must pass a state licensing ex-

*Wisconsin student nurses
receive on-the-ward education
as well as bookwork*

Student nurses on duty begin the day with 6:30 breakfast. Most live in the Nurses Dorm, eat all meals in hospital cafeteria.



amination before designating herself Trained Practical Nurse. All practical nurses, however, are *not* licensed—nor are nurses aides, who serve as general assistants in performing routine jobs around a hospital. The latter may be paid or may volunteer their services.

Because of the brevity of the program, practical nurses are becoming available for meeting present nursing shortages.

Professional nurses include graduates of "diploma" and of collegiate programs. In the diploma program, the trainee usually receives three-years' instruction in nursing skills and sciences in a hospital school of nursing. This program, which supplies 85 per cent of all professional nursing services in Wisconsin, prepares the student to be a Registered Nurse. Presently there is a trend toward a two-year diploma program followed by a one-year internship leading to R.N. status, although there are no such programs in the State of Wisconsin at the present time.

The graduate of a collegiate program earns a Bachelor of Science degree in addition to receiving specialized training in preparation for R.N. status. Since many courses are taken from the general college curriculum, a student develops a basic knowledge of the arts and sciences.

Because of the academic slant imparted to nursing on the college level, the program is expected to give the foundations to young women for administrative, supervisory, and teaching positions. There is a particular shortage in the teaching area at present, and it promises to become more serious in the future.

Length of the collegiate program varies from four to five years; most schools also offer a course leading to the B.S. degree for those who are already Registered Nurses.

College programs are keyed to those who desire nursing as a career; however, Miss MacLachlan says of the University School of Nursing that two-thirds of the graduates marry within

one year after commencement and in some cases they never return to the profession—although a considerable number do. It has been suggested that collegiate schools should encourage their married graduates to keep active in the professions by keeping them informed of up-to-date methods in nursing and local opportunities. A recently-established department of nursing in the University of Wisconsin Extension division, headed by Signe S. Cooper, has just this responsibility as well as others in the area of continuing education.

In recent years, the collegiate nursing programs have been meeting increasing competition for students from the paramedical professions. There are probably various reasons for this, including that same prevailing confusion as to just what nurses' training *is*. Popular conception still has the nurse—whether collegiate, diploma-bearing, or practical—performing menial tasks, an idea not entirely without foundation so far as a few hospitals are con-



This group is gathered for morning report, a hospital ritual where nurses are briefed on patients' progress during the night. This is but one opportunity for students to gain educational experiences under realistic conditions. All pictures of ward activity on these pages were taken in the pediatrics division of the University Hospitals.

Teamwork is a vital lesson for every student nurse. Here, student, resident physician and registered nurse minister to a young patient.



cerned, even yet. The therapies and technology do, moreover, offer rather attractive nine-to-five working hours. Nurses, of course, also have a forty hour work week; but nursing is a twenty-four hour service. Beginning salaries in both paramedical and nursing professions are parallel.

Yet most nurses feel that their profession offers its own special rewards: an ages-old tradition of service to one's fellow man, for example. And Miss MacLachlan notes that the nurse has a strong sense of concern for the patient as a whole and his entire rehabilitation.

So concerted efforts are being made to increase enrollments in all nurses' training programs, at the same time streamlining curricula and engaging greater numbers of qualified instructors. Time was when virtually all knowledge of nursing was imparted at a patient's bedside with a competent but duty-laden nurse doubling as teacher. Often classes had to be dismissed to release extra help for the

wards. This time is fast disappearing.

Certainly most such worn-out traditions have disappeared from the collegiate nursing programs long since, and the University of Wisconsin has matched strides with progress in this field. Yet, there is still room for improvement, as a report by a statewide survey committee reveals.

This committee, set up by the Wisconsin State Board of Nursing, specifically directed some suggestions regarding the University's School of Nursing, some of which have already been acted upon. Others, relating to expansion of facilities, call for increased fund outlays which will be hard to come by in the near future.

In September, the School of Nursing launched a new four-year program replacing the old five-and-one-half year course. This leads to a baccalaureate degree granted through the School of Medicine. The time requirement for completion of undergraduate work is thus put more in line with that of other fields, although the pro-

gram still includes three summer sessions.

The curriculum has been re-vamped to become "general nursing" and entails no special major within the field. Registered nurses who subsequently prepare for the B.S. degree, on the other hand, may still major either in public health nursing, or ward management and teaching.

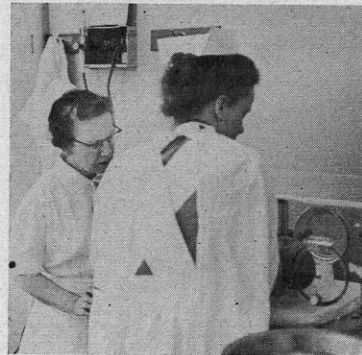
Graduate work is offered in some collegiate programs, but is not yet available at the University. It was recommended by the survey committee.

The popularity of the School of Nursing's shorter four-year program was demonstrated immediately with the enrollment of 93 freshmen last September. The state and nation will need all of these and more.

Unfortunately, the stepped-up output of nurses called for by modern medicine and in the survey committee's report is already snarled by pressing needs for more faculty members and added physical facilities. The School of Nursing is now operating



(Left) A student reassures a small girl just being admitted. (Above) A registered nurse directs a student in preparing medicine for the patient. (Below) Under the guidance of Prof. Margaret Crump, pediatrics teaching chief, a student prepares to lift an infant from an incubator.



at capacity, and the ratio of students to faculty represents a distinct lack in some phases of training since much of the instruction takes place in clinical situations. A request for more instructors is in the biennial budget request.

The survey committee report also called for a School of Nursing building on the University campus with classroom, faculty and administrative facilities for a markedly increased number of students. The need for physical facilities, however, apparently must be projected well into the long-range building plans for higher education in the state. So far, School of Nursing buildings needs have not figured prominently on University priority lists.

Despite these problems, the School of Nursing has managed to put together an attractive curriculum consisting of a background in the biological, physical and social sciences, together with learning to plan and give comprehensive nursing care. Clinical practice is coordinated through the University Hospitals as

before. And a more rigid schedule is being maintained so that a student may receive all aspects of her training in the shorter time.

Since the program operates on a collegiate level, a co-ed nurse at Wisconsin enjoys the benefits of the campus community through varied classes and almost limitless opportunity for extra-curricular activities.

Her housing experiences also broaden her background . . . and may do more in this regard in the future. At present, the nursing student lives in general University housing during her first two years and the summer sessions but lives in the Nurses' Dormitory, near University Hospitals, during her junior and senior years. However, the state survey committee recommended that all housing of nursing students be arranged within the structure of general student housing and that the semi-isolation of Nurses' Dormitory accommodations be eliminated.

Presently, Nurses' Dormitory facilities are provided to women free of

charge, the cost theoretically being paid by the student's service in the hospital. Miss MacLachlan sees for the future a time when the student nurse will be expected to bear the entire cost of education and housing as do students in other fields. The student would then be remunerated independently for her service in the hospital.

Yet the higher expense of collegiate training even now proves prohibitive to some qualified young women, and the survey committee recommended solicitation of money for scholarships from both governmental and private groups. Only one nursing scholarship now exists at Wisconsin; the contribution of an anonymous member of the Board of Regents is awarded in February.

These are some of the problems and changes challenging the nursing profession. Fortunately, the surge of development which ultimately will bring the field out of the complexities of present day social changes to a stable future is ever growing stronger.

THE TOTAL of gifts and grants received by the University this fiscal year was up 67 per cent over the previous year, it was revealed at last month's Regent meeting.

By far the greater amount of this increase occurred in the "grants" category. Grants received and pledged totalled \$5,201,174.80—more than twice as much as the \$2,407,350.23 received during the same period in 1955-56.

Gifts this year totalled \$1,828,871.56,

compared with \$1,801,069.01 from July to May of 1955-56.

(There is actually but a thin dividing line between gifts and grants in University nomenclature. Grants, however, usually are directed toward some specific research project—although gifts may be, too. Often it appears that grants will supply donors with some specific benefit . . . although of course all research findings are available to all comers.)

Anonymous, \$5; Contributions of \$22 in memory of Kaare Gunderson; Mr. George S. Kaufman, New York City, \$2,000; China Medical Board, Inc., New York, \$100; Women's Auxiliary of the Wisconsin Bar Association, \$100; Mrs. Mark Schorer and Mr. Gilman G. Page, \$1,550; Mrs. Elsie Krenzke, Racine, \$3; Milwaukee Academy of Medicine, \$150; Grainger Charitable Trust, Chicago, \$900; The Visking Co., Chicago, \$2,250; Dividend of \$30 on 30 shares of stock given by Mr. John W. Leslie, Chicago, Ill.; The Foundry Educational Foundation, Cleveland, \$2,150; ASARCO Foundation, New York, \$1,000; Mr. and Mrs. Harlan Twenge, Reedsburg, \$50; Mrs. Sue Comstock Adams, c/o Foreign Presbyterian Mission, \$5; Anonymous, \$30; Square D Co., Detroit, Mich., \$1,000; C. Y. Stephens, Washington, D. C., \$600; Monsanto Chemical Co., St. Louis, \$3,330; Microcard Foundation, Madison, \$871.50 and an electric typewriter valued at \$503.50; The Northwestern Mutual Life Insurance Co., Milwaukee, \$25,000; Hamilton Standard Division of the United Aircraft Corp., Windsor Locks, Conn., a turbine-fan assembly of an air cycle refrigeration unit valued at \$3,000; Katherine A. Quilliam, Madison, \$5; Wisconsin Alumni Research Foundation, Madison, \$750,000; Friends of the late Leon Wright Shippee, Lena, Ill., \$100; Scott Paper Company Foundation, Chester, Pa., \$16,000; University of Wisconsin Foundation, \$650; The Ziegler Foundation, Inc., West Bend, \$75; The Procter and Gamble Co., Cincinnati, Ohio, \$2,950; American Steel Foundries, Chicago, \$500; friends of the late Charles T. Simpson of Green Bay, \$15; Alfred P. Sloan Foundation, New York, \$7,000; Board of Directors of the Sidney Hillman Memorial Foundation, New York City, \$1,000.

The Florists Telegraph Delivery Assn., Unit G, Region 7, \$200; University League, Madison, \$180; Wisconsin Inter-Scholastic Athletic Assn., \$524.54; Friends of the late Lila B. Fletcher, \$64.22; Milwaukee Bar Assn. Foundation, \$100; Universal Oil Products Co., Des Plaines, Ill., \$1,000; Busse Pharmacy, Inc., Watertown, \$250; China Medical Board, Inc., New York, \$100; Trustees of the estate of Thomas E. Brittingham Trust, \$2,000; Minnesota Mining

(continued on page 38)

Gift and Grant Receipts At an All-Time High

Gifts

E. I. du Pont de Nemours and Co., Wilmington, Del., renewal of Postgraduate Teaching Assistantship in Chemistry, Postgraduate Fellowship in Chemical Engineering, Postgraduate Fellowship in Biochemistry, and \$15,000; Shell Fellowship Committee of the Shell Companies Foundation, \$3,800; CUNA Mutual Insurance Society, Madison, \$3,250; Harold L. Perlman, Chicago, \$25; Dr. Everett Johnson, Turlock, Calif., \$20; Miss Martha Schreiber, Heisererplatz, Germany, \$5; Wisconsin Student Association, \$122.53; Faculty of the School of Home Economics, \$87.74; Manitowoc Chamber of Commerce and Foundation, \$75; Manitowoc County Bankers Association, \$75; Adolph Gundersen Medical Foundation, La Crosse, \$600; Kaiser Aluminum and Chemical Corp., Oakland, Calif., \$2,250 plus tuition and fees; Jones & McKnight Foundation, Chicago, \$500; U. S. Steel Foundation, Inc., New York, \$6,000; Thilmany Pulp & Paper Co., Kaukauna, \$500; Appleton Coated Foundation Inc., \$300; First Wisconsin Foundation, Inc., Milwaukee, \$250; the Trane Co., La Crosse, \$1,000; Kenny Foundation, Minneapolis, \$35,000; John W. Leslie, Chicago, \$267.61; Mr. & Mrs. P. A. Droster, Madison, Miss Sarah Murray, Madison, \$3; Emmanuel Evangelical Lutheran Church, Seymour, Wis., \$10; Helen Ruth Warner, White-water, \$10; Joseph E. Davies, Washington, D. C., \$500; Trustees of the University of Wisconsin Trust, estate of Thomas E. Brittingham, \$7,500; Wisconsin-Upper Michigan Florists Association, \$600; Everett R. Brewer, Chicago, \$25; Daughters of Demeter, Madison, \$50; Anonymous, \$300; American Occupational Therapy Association, New York, \$137.70; The von Schleinitz Foundation, Milwaukee, \$500; Sinclair Refining Co., New York City, \$2,500; American Foundation for Pharmaceutical Education, Washington, D. C., \$200; Bordon Co. Foundation, Inc., New York City, \$1,500; Hardware Mutuals of Stevens Point, \$100; Mrs. Margaret M. Mills, Lawrence, Kans., \$5; Chauncey Guy Suits, Schenectady, N. Y., \$103.43; George K. Tallman Trust, Janesville, \$1,000; Dr. Steven E. Gavin, Fond du

Lac, \$100; Dr. Norman Becker, Fond du Lac, \$25; Dr. William E. Gilmore, Parkersburg, W. Va., \$25; Dr. Robert F. Schilling, Madison, \$25; Marine National Exchange Bank, Milwaukee, \$300; Deltax Rug Co., Oshkosh, \$500; Anonymous donor, \$250; Allis Chalmers Manufacturing Co., Milwaukee, \$1,000; Ladish Co. Foundation, Cudahy, \$500; The Falk Corp., Milwaukee, \$500; Consolidated's Civic Foundation, Inc., Wisconsin Rapids, \$500; Ole Evinrude Foundation, Waukegan, Ill., \$250; Whiting-Plover Paper Co., Stevens Point, \$100; Wausau Paper Mills Co., Brokaw, Wis., \$100; Belle City Malleable Iron Co., Racine, \$100; Kimberly Clark Corp., Neenah, \$1,000; Beloit Iron Works, Beloit, \$500; George Kress Foundation, Inc., Green Bay, \$500; University of Wisconsin Women's Club of Detroit, Mich., \$50; Trustees of the General Electric Educational and Charitable Fund, Schenectady, N. Y., renewal of Fellowship in Chemistry; Communications Workers of America, Washington, D. C., \$1,800.

Grant to Support Urban Studies

From the famous Brittingham Trust fund—for 33 years an important source of support for many University programs—will come \$25,000 a year for four years to finance a new research program on urban development. New Political Science Professor Coleman Woodbury, an urban specialist, will head the program, which will investigate municipal finance, legal and financial relationships of suburbs to cities, expanding educational systems and problems of urban renewal. The program will also serve as a training ground for students interested in city planning careers. (The

city of Milwaukee and the new UW-M will play major roles in various program phases.)

Departments participating will include political science, sociology, commerce, economics, education and geography. University spokesmen declare this new program demonstrates that Wisconsin is becoming a leader in the urban field. The Brittingham Trust grant reflects a decision made by the fund trustees, Thomas E. Brittingham, Jr. and Mrs. Margaret Brittingham Reid, some time ago to shift use of the income from the trust into social science studies.

Wisconsin Alumni Club
BULLETIN BOARD

SOUTHERN CALIFORNIA ALUMNAE

June 19, 1957 Barbecue
 Ferdell Park in Griffith Park, Riverside Drive
 Also election of officers
 Contact: Mrs. Betty Jane Cruse, 7420 Oak Park Ave., Van Nuys (Di3-8220) or Mrs. Robert Cornwell, 2016 Dracena Drive, L.A. 27 (Normandy 3-6386)

CHICAGO ALUMNI

May 28 Golf Outing at Thorngate Country Club.

Shawano County did a fine thing at its Founders Day dinner. The club's honored guests were Ada Deer and her mother, both residents of the Menomonee Indian Reservation. Ada was one of the first—if not the first—reservation Indian to attend the University, where she is now a graduating senior after having been active in many student activities and bringing great credit to her family and herself. The guests were given appropriate red and white corsages, as was

Prof. Gladys Borchers, speech, who spoke on the "Wisconsin Idea Contrasted to the European Idea in Education."

*

Surprising setting for the St. Paul Founders Day celebration was the scenic St. Croix river. Club members had planned to board a river boat at 4:30 p.m., and disembark three hours later with dinner down the hatch, still digesting a speech by LeRoy Luberg, executive secretary to Governor Thomson. But rain intervened, keeping the 70 diners and Luberg shorebound.

*

Appropriately, Cornish rock hen was the bill of fare at the Platteville Founders Day meeting. Appropriately, because the speaker, Glenn F. Trewartha, geography, spoke on "The Heritage of the Cornish People"—of whom there are a considerable number in southwestern Wisconsin.

*

The Dallas club recently enlarged its board from six to nine members, figuring to have more people take a part in planning club functions.

*

The postal card notice for Kansas City's May 25 annual Red Wilson luncheon was provocative: "Red will discuss American League baseball, Big Ten football, and good looking women—this meeting nobody wants to miss."

*

Percentagewise, Terre Haute alumni came forward in most successful numbers when they heard Vice-President Ira L. Baldwin at their Founders Day meeting in March.

Alumni

Before 1900

One of the most controversial figures in the history of the U.S. Senate, Robert M. LA FOLLETTE, Sr., '79, was recently named to the Senates' new Hall of Fame. The former Wisconsin governor was elected to the Senate in 1905 and served for 19 years. He ran for the presidency on the Progressive ticket in 1924, one year before his death.

1900-1910

C. GLENN GOODSSELL, '00, has found a formula for leading a busy, useful life at the age of 82. On the lawn of his home in Nakoma is a redwood card with the legend, "Toys repaired—No charge—By Grandpa", and here neighborhood children deposit broken playthings for "Granpa" Goodsell to mend.

Besides repairing wagons and dolls, the

long-time YMCA worker conducts an archery club for seven third-graders who meet on Saturdays in his basement workshop. Goodsell is well qualified to instruct midget bowhunters—for the past 17 summers he taught archery at the YMCA's Camp Anokijig, Racine. Although he won't be returning to camp this year, his activities with the youngsters and his toy repair business will keep him happily occupied.

S. S. HUEBNER, '02, who has taught insurance courses to more than 75,000 students, was honored at a celebration in Denver, Colo. He started his first class in 1904 at the University of Pennsylvania's Wharton school.

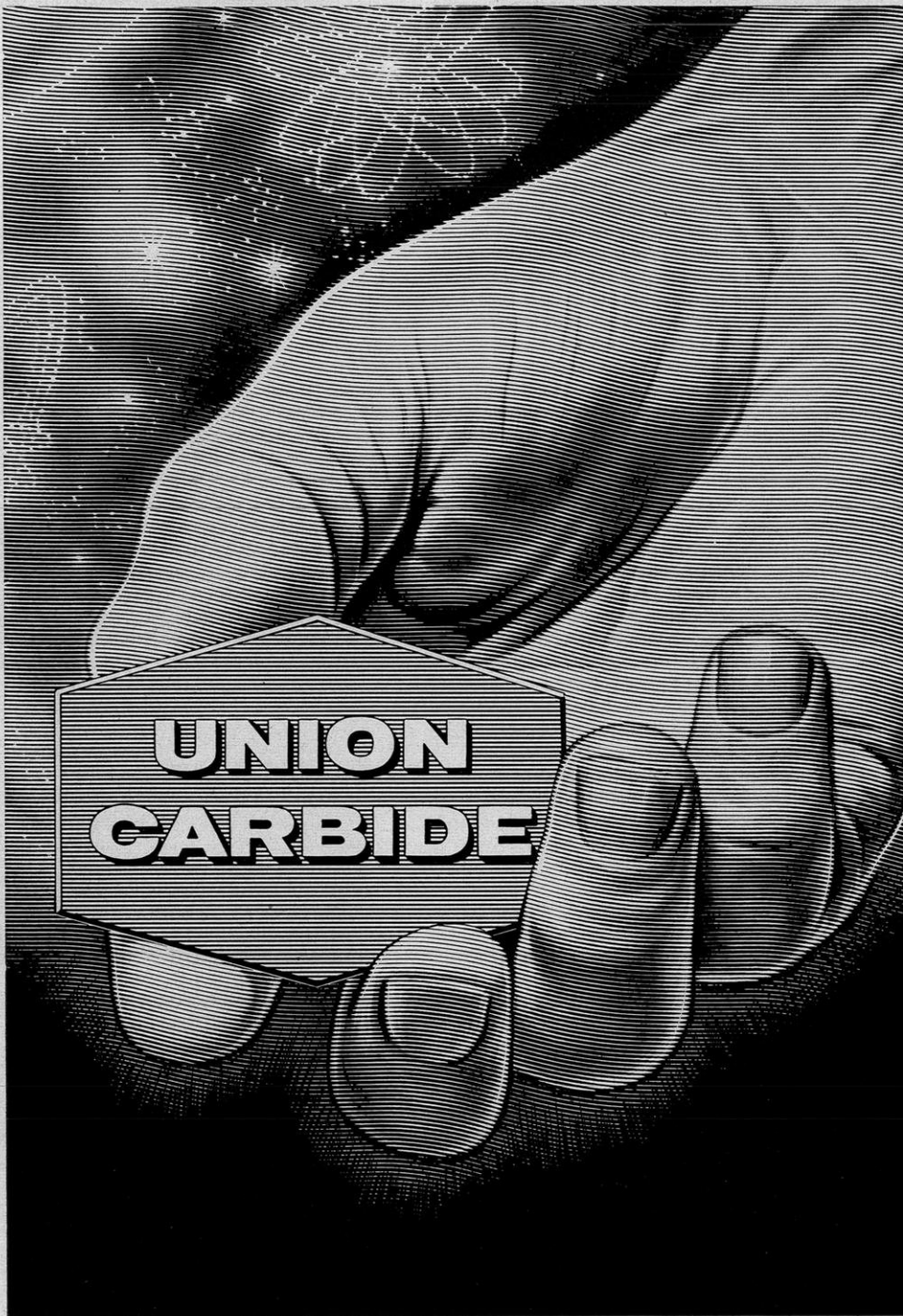
A new director of the Berlin Alumni Club is Mrs. Arthur J. Weisender, the former Arlisle MEAD, '07.

Dr. Edwin WITTE, '09, retiring UW professor of economics, has been named to



Three public relations experts got together some time ago at the Southwest Public Relations Conference and discovered they had Wisconsin backgrounds. They are Carstens Slack, '40, manager of the public relations division of Phillips Petroleum Co. in Bartlesville, Okla.; Harry Stuhldreher, former football coach and athletic director at Wisconsin and now with U. S. Steel Corp., and Prof. Clement Trout of the University of Oklahoma.

Wisconsin Alumnus, June, 1957



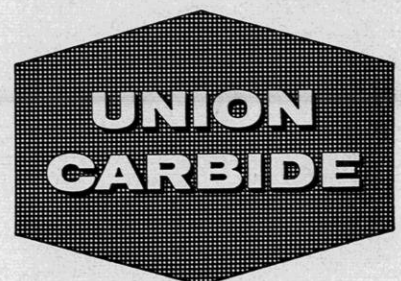
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CELL BLOCK CHRONICLER

FOR AN ALUMNI magazine to speak of jail and of its graduates in the same sentence would seemingly smack of blasphemy. It just isn't done.

However, along comes Walter Distelhorst, '06, and the unthinkable becomes the sensible. For this retired newspaper and advertising man down in Louisville, Kentucky, is actively engaged in a project that has paid handsome morale dividends at the Jefferson County Jail in that city.

Distelhorst is editor of "Talk of the Walk", the jail newspaper, a monthly mimeographed publication that was begun in 1955, about the time he retired—at 71—after 27 years as advertising manager of First National Bank in Louisville.

The venture grew out of Distelhorst's friendship with Sheriff Bruce Hoblitzell; the sheriff is high on the paper's value in boosting prisoners' morale.

Distelhorst spends several days a week talking to inmates and administrators, gathering news. The prisoners also contribute.

"The prisoners know what they write will be printed as long as they stay within the bounds of reason," according to Distelhorst and the sheriff. The jail population, of course, is a fluid one and averages about 525 each day. The average stay is about 35 days.

Distelhorst comes by his journalism honestly. He was in the first UW news-writing class under Prof. Willard G. Bleyer and served ten years on Milwaukee's *Journal* and *Sentinel*. Edna Ferber was one of the reporters whose copy he read, and with whom he covered assignments. He left newspapering for banking in Milwaukee, and after a five year stint at a Sheboygan bank, settled down in Louisville in 1927.

The "Talk of the Walk" is not Dis-



Sheriff Hoblitzell and Walter Distelhorst look over a copy of "Talk O' The Walk".

telhorst's sole retirement position.

"Change of employment which occupies me is serving for pay as a glorified filing clerk in a manufacturer's agent office," he says. "This leaves time for editorial jobs in the Advertising Club of Louisville, of which I was once president."

Alumnus Distelhorst is leading a pretty busy life!

the United Auto Workers new public review board. The seven-member board composed of prominent citizens outside the union will act as a watch-dog on union ethical practices.

Atty. Miles C. RILEY, '09, senior partner in the firm of Riley and Pierce, Madison, observed his 80th birthday in April. He is referee in bankruptcy for a 12-county area of southern Wisconsin.

"Mr. Alfalfa", Laurence F. GRABER, '10, will retire this year from the College of Agriculture faculty. He is a pioneer exponent of grassland farming in Wisconsin and has been with the University for 47 years.

Harold C. BRADLEY, '10, Berkeley, Calif., was elected president of the Sierra club, one of the nation's most respected conservation organizations. He is a retired UW professor of physiological chemistry.

1911-1920

Prof. Frederick MERCK, '11, called by many "Harvard's Mr. Chips", retires from the Harvard University faculty in June. He has taught American history there for 39 years.

Oscar RENNEBOHM, chairman of the board of Rennebohm Drug Stores, Inc., Madison, was reelected a member of the

board of directors of the National Association of Chain Drug Stores.

Eleanore GRAFF Adams Johnson, '13, has informed us of her marriage to Thomas Marvin Johnson, New York City, a freelance writer, on October 8, 1956. Mrs. Johnson teaches at Central High school, St. Paul, Minn.

Ray SWEETMAN, '13, was honored at a testimonial dinner at Riverside church, New York City, May 10 upon his retirement as secretary of the New York State Christian Movement. More than 100 co-workers and friends attended to pay tribute to his leadership.

Time magazine reports that Stanley C. ALLYN, '13, was moved up to board chairman of National Cash Register Co. but remains the company's chief executive officer. He and Robert S. Oelman, who succeeds him as president, "spend six months a year abroad boosting foreign sales (in 100 companies) which now account for 40 per cent of the company's business." In early May, Allyn reported that company sales which have increased from \$40 million under his presidency, hit a record of \$87 million in the first quarter.

Now retired and living in Wausau is Chloe TILDEN, '15. One of her most enjoyed hobbies is bird watching.

For reasons of health, Robert W. HUGHES, '15, has resigned as vice-president and general manager of Miami Copper Co., Miami, Ariz. He was with the company 32 years.

Oscar ROESLER, '15, is Superior's sealer of weights and measures who tests all weighing and measuring equipment used commercially in the city.

Kansas State college awarded a distinguished service citation to one of its alumnae, Helen T. PARSONS, '16, UW emeritus professor of home economics.

Retired director of Residence Halls Don HALVERSON, '18, Madison, is now working with architects on the new Chadbourne Hall and other proposed UW dorms.

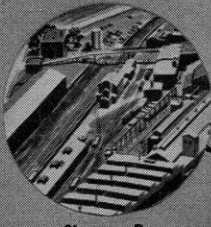
Former Wisconsin governor Philip F. LA FOLLETTE, '19, Bayside N.Y., is president of the Hazeltine Corp., Little Neck, N.Y.

Keith McHUGH, '17, honorary degree recipient this month, worked his way up from a clerkship to the presidency of the New York Telephone Company, and studied chemical engineering at Wisconsin until he enlisted in the U. S. Army during World War I. He was discharged as a captain in 1919. He went to work for the Bell Telephone system in 1919, as a clerk, and in 1929, at the age of 34, was elected a vice president.

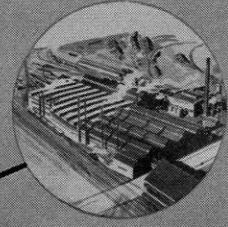
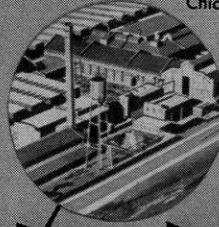
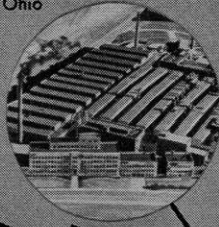
He was elected president of the New York

Cleveland, Ohio

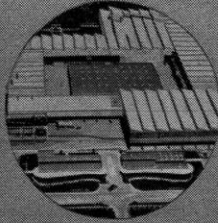
Chicago, Ill.



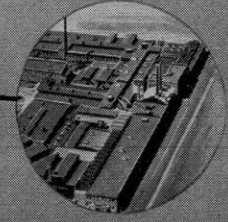
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Necrology

Ernest F. PHILLIPS, '90, Delavan, some years ago.

Mary Alice BULFINCH Balsiger, '94, Monroe.

Sarah CONNOR Kenney, '95, East Lansing, Michigan.

William N. SMITH, retired mining executive, '97, Platteville.

William Harvey ROSS, '98, Chicago.

Eliza A. POLLARD Theobald, '99, Lincoln, Nebraska.

Dr. George S. CASSELS, '00, one of the state's oldest practicing physicians, Port Washington, Wis.

Rachel M. KELSEY, '01, former UW English teacher.

Harry A. SEVERSON, Chairman of the Barber-Colman Co., Rockford.

Frank E. WASHBURN, '01, former Leavenworth, Kan., mayor and civil engineer.

Edna BOLENDER, '02, Monroe.

John G. GRAHAM, '03, retired Tampa attorney, Augusta, Georgia.

Voyta G. WRABETZ, '03, chairman of Wisconsin's industrial commission for 23 years, Madison.

Gertrude WILDER Coombs, '03, Madison.

William S. KINNE, '04, emeritus professor of civil engineer at the University, Madison.

Alfred G. ARVOLD, '05, retired North Dakota State college faculty member and a post imperial potentate of the Shrine of North America.

Thomas J. BERTO, '05, retired Wisconsin schoolman, Milwaukee.

Frank A. LARISH, '06, Kingsland, Georgia, one year ago.

Dr. James A. JACKSON, '01, a founder of the Jackson Clinic and well-known for his medical developments and writings in Madison.

Myron E. KEATS, '07, East Troy, New York.

Jesse H. AMES, '07, former River Falls State College president.

Emma O. LUNDBERG, '07, Hartsdale, New York, three years ago.

William M. BEWICK, '07, Evansville fuel and feed dealer.

Samuel Irving GILPATRICK, '07, former Gilpatrick hotel operator, Wood, Wis.

Robert L. SIEBECKER, '09, one-time assistant Secretary of State in Wisconsin, Mt. Horeb, Wis.

Emmy HUEBNER Allen, '09, high school teacher some years ago, Hollywood, Calif.

Mark J. KERSCHENSTEINER, '09, secretary of S. D. Hoard and Son Co., Ft. Atkinson.

George T. McCONVILLE, '09, former Wisconsin Associated Press head, Evanston.

Thomas G. RODGERS, '10, Las Vegas, New Mexico, one year ago.

Lee Thomas POND, '10, Eau Claire.

The Rev. J. Howard BROWN, '10, one time attorney in Chippewa Falls, Potosi, Wis.

Jean T. SHEAFOR, '11, former teacher and late secretary-treasurer of the Michigan Bell Telephone Company, Detroit, Michigan.

Dr. Alfred M. WHITFORD, '11, former Milton College president, Ft. Pierce, Fla.

Elbert G. BAILEY, '12, fire equipment salesman and former county agent, Madison.

Col. John WADE, '12, Washington, D. C.

Archie SHONAT, '12, Berlin, Wis.

William E. CURTIN, '13, Madison.

H. A. LANGENHAN, '13, retired pharmacy professor at the University of Washington, former UW faculty member, and first Ph. D. degree winner in pharmacy at the UW, Seattle.

Elmore A. BOURBEAU, '13, veteran Milwaukee newspaperman, Milwaukee.

Frank G. JONES, '14, Chippewa Falls.

George K. BAUM, '14, investment banker and one time president of the Wisconsin Alumni Association of Kansas City.

Nathan FASTEN, '14, Seattle, Washington, some years ago.

Col. Harold R. BRAYTON, '14, director of Survival Research and Planning for the Texas state Defense and Disaster Relief head.

Telephone Co. in 1949. During World War II he was the Bell System's liaison man and coordinator on communications problems with the armed services. In 1948-49 he was a member of the Hook Commission which made the first major revision of armed forces pay scales.

McHugh is a trustee of the State University of New York and of the Carnegie Institution of Washington. He is a director of the Air Reduction Co., the Carrier Corporation, Dun and Bradstreet, and the First National City Bank of New York. He is president and chairman of the permanent Citizens Committee to Keep New York City Clean; president of the Community Service Society, and vice chairman of the Greater New York Fund. He is vice president of the Chamber of Commerce of the State of New York and a director of the Commerce and Industry Association of New York City and of the New York City Convention and Visitors Bureau. He is a member of the Business Advisory Council of the New York State Commerce Department.

In 1951 the Wisconsin Alumni Association of New York designated him "Wisconsin Man of the Year," and in 1956 he was voted a citation by the UW College of Engineering. His wife, the late Frances Brown McHugh of Ottumwa, Iowa, was an alumna of the University of Wisconsin.

Mrs. Walter Craig (Isabel McLAY, '20) and Roy BERG, '20, were named directors of the Janesville Alumni Club.

Fredric MARCH, '20, won the American Theater Wing's "Tony" citation for the male

dramatic star of the period from March 1, 1956 to March 1, 1957. He is starring in Eugene O'Neill's "Long Day's Journey Into Night" which received one of the silver medallions of the organization for being a distinguished play.

Walter A. EMANUEL, '20, is manager of the Anaconda Mining Co. reduction works.

General chairman of the fifth Governor's Conference on Children and Youth is Mrs. Oscar Rennebohm (Mary Collison FOWLER, '20).

The Wisconsin Press Photographers' Assn. honored Arthur M. VINJE, '20, veteran *Wisconsin State Journal* photographer.

1921-1930

Carl E. STEIGER, '21, Oshkosh, president of the Deltax Rug Co., was reappointed to the UW Board of Regents.

Madison's superintendent of schools for the past 18 years, Philip H. FALK, '21, was featured in the *Wisconsin State Journal's* "Know Your Madisonian" series. He is state vice-president of the Parent-Teachers Association and once served as president of the Wisconsin Alumni Association.

Viroqua city engineer Leon CHASE, '22, resigned to accept a post with a Chicago consulting engineer firm.

Dr. Kenneth SCOTT, '23, chairman of the department of modern languages, Wagner College, Staten Island, N.Y., is the author of *Counterfeiting in Colonial America*, published in May by the Oxford University Press. He has written six other books and 93 articles. His wife, Dr. Aurelia GREYHER

Scott, '26, associate professor of English at Wagner, will publish a novel in 1958.

Hugh Leonard RUSCH, '23, vice-president of Opinion Research Corp. since 1946, is responsible for the functioning of the Employee and Public Opinion Index for Industry, a research program dealing with public and industrial problems of concern to management. He was featured in *Town Topics* as Princeton, N.J.'s "Man of the Week".

Omar W. WHITE, '25, head of the construction specifications section of the engineering service division, National Advisory Committee for Aeronautics, was awarded a 15-year meritorious service emblem at the Langley Aeronautical Laboratory of NACA, Langley Field, Va.

The Donald E. Cummings Memorial Award for outstanding contributions to the knowledge and practice of industrial hygiene was bestowed upon Dr. H. H. SCHRENK, '25, by the American Industrial Hygiene Association. Schrenk is research director of the Industrial Hygiene Foundation and a senior fellow at Mellon Institute, Pittsburgh.

Mrs. Val Weber (Margaret MURPHY, '26) is a director of the Janesville Alumni Club. The Gogebic club has named Gilbert FRIER, '26, vice-president and Robert WRIGHT, '26, director.

Dr. Lee Alvin Dubridge, '26, who is to receive an honorary degree from the University, began his teaching career at the

(continued on page 30)

quarters, former professor at Texas A & M college, and expert in the field of firemen training and disaster relief, Austin, Tex.

Bienvenido M. GONZALES, '15, Pasay City, P. I.

Felicitas SALESKI Bishop, '15, Adrian, Michigan.

Luther A. BRAUND, '16, Madison.

Rena PIPER Peterson, '16, San Francisco, Calif.

Alex MAGNUS, '16, Glen Flora, Wis.

Hilton P. HORNADAY, '17, financial editor of the Buffalo, N. Y. Evening News, Lake Worth, Fla.

Lester C. GETZLOE, '17, retired Ohio State University journalism professor, Gallipolis, Ohio.

John R. LANGE, '18, former state insurance commissioner, Madison.

Norma Lenys PEARSON, '18, prominent research pathologist, Baraboo.

Russell G. LINDSAY, '19, retired Milwaukee businessman.

Col. Russell CHENEY, '20, Kerrville, Texas.

Vilas L. RASMUSSEN, '20, Oconomowoc attorney for 35 years.

Vira WINCHELL Corbett, '20, daughter of former UW Professor A. N. Winchell, Westfield, New Jersey.

N. Kirk AVERY, '21, Peoria businessman.

Mary FARNHAM, '21, Cleveland Heights, Ohio.

David W. SMITH, '21, Dallas, Texas, newspaperman, one year ago.

Richard LOEWENTHAL, Jr., '21, Highland Park, Ill. some time ago.

Joshua G. ELDER, '22, Manchester, Conn.
Armand C. WEISS, '22, Milwaukee cost estimator.

Grace DEGAN Schultz, '22, Los Angeles, Calif.

Cornelius C. BELOW, '22, New York City, one year ago.

Wallace BARR, '23, former Badger quarterback, Milwaukee.

O. O. WHITE, '23, former La Crosse State College professor.

Parker K. BAIRD, Sr., '24, retired head of the Forest Products Laboratory paper and pulp division, Madison.

William O. SNODDY, '24, long-time schoolteacher, Adair, Iowa.

David DUNN, '25, Milwaukee.

William S. McCORKLE, Sr., '25, prominent Richland Center businessman.

Elliott A. JOHNSON, '28, Waukesha brewing executive, Wauwatosa.

Frederick W. AHRBECKER, '28, Indianapolis, Ind., sales representative.

Emil HEINEKE, '29, mining engineer, Mill City, Nevada.

Clifford M. FRITZ, '29, Monroe businessman.

Scofield H. CARPENTER, '29, Madison.

Sister M. Loretto KETTER, '30, St. Louis, Mo., some time ago.

William J. CONWAY, Jr., '31, Wisconsin Rapids.

Frederick A. AIRIS, '31, commanding officer of the USNR electronic division 9—18, Eau Claire.

Dean B. WORTHINGTON, '32, Sarasota, Fla.

Darlene CRADIT Achuff, '32, Roseville, Calif., one year ago.

Dr. Paul SETTLAGE, '33, UW professor of anatomy and medical research expert, Madison.

Ada FULLER Crowley, '33, prominent teacher and social worker, Englewood, N. J.

Leo H. FINSKY, '33, Chicago industrialist.

Oscar W. POBRATZ, '34, Oconomowoc agriculture teacher.

Juanita BITTER Boyle, '35, Milwaukee, one year ago.

Witold JANKOWSKI, '38, formerly of New York City, in January.

John J. LYONS, '40, a public relations specialist, Los Angeles, Calif.

Roy Alan COX, '41, in an air accident, France.

Ferd J. ROWAN, '42, Arvada, Colorado, two years ago.

Msgr. Robert V. KAVANAGH, '42, president of Carroll College, Helena, Mont.

Sara G. BRADLEY, '45, Los Angeles, Calif.

Alumni Play Key Divisional Roles

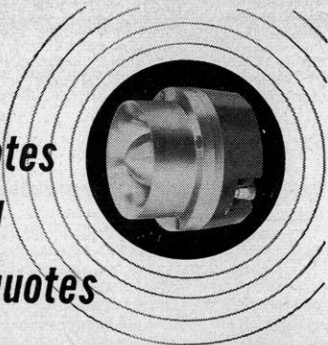


Several Wisconsin alumni are playing leading roles as Wisconsin's 84th Infantry Division prepares for summer training at Camp McCoy in July. The 84th is the largest Army Reserve outfit in the state. Left to right, above, are Lt. Col. Jack DeWitt, '40, Madison lawyer; Lt. Col. Leroy Luberg, Madison, former assistant to President Fred and now the Governor's executive secretary; Maj. Clay Schoenfeld, '41, assistant to the director of the UW Extension Division, and Maj. Stanley Campbell, superintendent of schools at Stoughton.



Six University of Wisconsin alumni form the major part of a Madison element of the division staff of Wisconsin's famed 32nd National Guard Division. Shown above, viewing a chart which indicates that the 32nd is the top division in the nation's reserve forces, are, left to right: Lt. Col. Carlisle P. Runge, '46, assistant chief of staff for logistics and assistant dean of the UW Law School; (back) Lt. Col. Donald J. Mackie, '38, division engineer; Maj. Robert Taylor, '38, division information officer and director, UW News Service; Capt. Maurice H. Van Susteren, '44, inspector general's section; Capt. William K. Chipman '50, intelligence section and UW political science lecturer; and Lt. Robert Bjorklund, '49, information section.—Stanley R. Pappas Photo.

notes
and
quotes



loudspeaker logic
for the newcomer
to high fidelity

PART II

the extended range loudspeaker

The loudspeaker in your true high fidelity system is the component which generates sound. An alternating electrical signal from the power amplifier causes the loudspeaker cone to vibrate. The quality of your loudspeaker will largely determine the quality of the sound you hear. Independent authorities recommend that from $\frac{1}{8}$ to $\frac{1}{2}$ of your total investment should be budgeted to your loudspeaker system. Almost without exception they agree that you should begin with top quality loudspeaker components.



All dynamic loudspeakers have many parts in common. They are all made with a frame, a permanent magnet, a cone, and a voice coil. Yet the difference between the loudspeaker in your table model radio and a true high fidelity precision transducer is as great as the difference between a bargain counter alarm clock and a navigational chronometer. The difference is in design, in materials, and in precision craftsmanship.

It is possible with a single speaker, properly enclosed, to reproduce every note transcribed on today's excellent recordings. Such a speaker is called an "extended range" unit. James B. Lansing Sound, Inc., manufacturers of JBL Signature loudspeakers, produce several such models—each the very best in its class. Through advanced engineering design and precision craftsmanship they do make of... "every note a perfect quote."

JBL Signature speakers are made with large voice coils—coils with two to four times the diameter found elsewhere. In the 15" Model D130 Extended Range Loudspeaker, for example, the voice coil is 4" in diameter. It is made of hair-fine aluminum ribbon which is actually wound on its narrower edge. Magnetic circuitry is exceptionally refined. Frames are rigid castings. They are the most efficient speakers made anywhere. All of these features lead to the most lifelike reproduction of sound available. They are available from dealers who specialize in audio components. For the name of the audio specialist in your community, and your free copy of the JBL Signature catalog, send us your name and address on a card or in a letter.

every note a perfect quote

JBL "JBL" means

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(continued from page 28)

University of Wisconsin as an instructor in physics during the 1925-26 academic year. Born in Terre Haute, Ind., in 1901, he earned his bachelor's degree in physics and chemistry at Cornell College, Mt. Vernon, Iowa, in 1922, and his doctorate in physics at Wisconsin in 1926.

He was a fellow of the National Research Council at the California Institute of Technology from 1926 to 1928, when he joined the faculty at Washington University, St. Louis, as assistant professor of physics. In 1934 he moved on to the University of Rochester as professor of physics and chairman of the department. From 1938 to 1942 he was dean of the Faculty of Arts and

Science at Rochester. On leave of absence from the University he served as director of the Radiation Laboratory at Massachusetts Institute of Technology, under the National Defense Research Committee, from 1940 to 1945. Since 1946 he has been president of the California Institute of Technology.

Dr. Dubridge is a fellow and past president (1947) and past vice president (1946) of the American Physical Society. He is a member of the National Academy of Sciences and the American Philosophical Society, of the National Manpower Council, the board of trustees of the Rockefeller Foundation, and the advisory board of the Mellon Institute of Industrial Research. He is a former member of the general advisory committee of the Atomic Energy Commission, the National Science Board, the science ad-



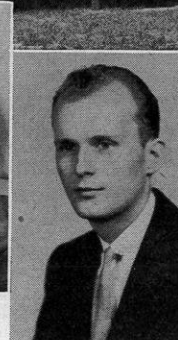
Rich



Buerki



Prothero



Nelson



Jaeger

Alumni Staff Summer Theater

When the staff of Wisconsin's newest summer stock theatre, the Green Ram, gets together it's like a gathering of a University of Wisconsin alumni club.

The owner and producer of the Green Ram Theatre, located seven miles north of Baraboo on highway 12, is Claire Ellen Prothero, '51.

Resident director for the Green Ram is Miss Gloria Link, currently head of the drama department of the University of Tampa, Florida, who did graduate work at Wisconsin 1953-56.

Guest directors for the Green Ram's first season are: Mrs. Ethel Rich, Baraboo teacher, '53, and Prof. Fredrick Buerki, '27, technical director of the Wisconsin Union Theater. Prof. Buerki, a theatre design expert, was also consultant for the Green Ram Theatre's open-sided building.

Charles Schmitt is technical director, and Richard B. Nelson, '55, is the Green Ram's

business manager. Jo Anne Jaeger, '51, who's been publicity director of the Wisconsin Union, is public relations director for the Green Ram.

Members of the Green Ram's first resident company are: Arlyn Zeller, '56, teacher in Appleton; Mrs. Margot Herriott, '31, wife of Dean J. H. Herriott; Jane McNeely, '58, young actress from Cape Girardeau, Mo.; Richard Mason, '52, doctorate candidate at the University in Drama; Don Burdick, '56, a graduate student at the University; and Don Robinson, '43, Montello, Wis., teacher.

The theatre building has a 40 x 32 foot stage. The Canadian Cedar structure seats 200 people.

Nine comedies and mysteries have been scheduled for the Green Ram's opening bill. Each show will run five nights, Wednesday through Sunday, beginning July 3. The theatre's address is R.R. 3, Baraboo.

visory committee of the Office of Defense Mobilization, and the medical school grants advisory committee of the Ford Foundation.

He holds the Medal for Merit awarded him by the U. S. government, the Research Corporation Award for 1947, and the 1946 King's Medal for service in the cause of freedom. His alma mater, Cornell College, was the first of nine U. S. and Canadian colleges and universities to award him an honorary degree.

Cartoonist Robert OSBORN, '26, Salisbury, Conn., has done a series of humorous murals for the cafeteria of the American Museum of Natural History, New York City.

Two UW alumnae have received promotions on the Wellesley College faculty. Mrs. Delaphine ROSA Wyckoff, '26, is professor of bacteriology and Philippa G. GILCHRIST, '28, is professor of chemistry. Mrs. Wyckoff is chairman of the department of botany and bacteriology at the Massachusetts institution.

Donald E. GILL, '27, is a principal in the accounting firm of Donald E. Gill and Co., Madison, and a member of the governing body of the Council of the American Institute of Accountants, national professional CPA organization.

Mrs. Konrad C. Testwuide, Jr., '28, (Charlotte ANDERSEN) is a director of the Sheboygan Alumni Club. Holding a similar position in the Janesville club is Kenneth BICK, '28, while F. H. SAARI, '28, a former president of the Gogebic club now is a director, Hurley.

Dr. David L. WILLIAMS, '28, Madison, is chairman of the committee which is preparing Four Lakes Boy Scout council boys and leaders for the national jamboree to be held at Valley Forge, Pa., in July.

Kansas State college honored A. B. CARDWELL, '27, as one of the college's outstanding professors. He is professor of physics and director of the Bureau of General Research.

The new head of the rural sociology department, Cornell university, is Prof. Olaf F. LARSON, '32. He succeeds Prof. R. A. POLSON, '27, who resigned to devote more time to teaching and research.

Roy D. JORDAN, '27, is manager of advertising and sales promotion for General Electric Co.'s computer department, Phoenix, Ariz.

Edward R. DROPPERS, '28, a vice-president of the First Wisconsin National bank, Milwaukee, succeeds John LOBB, '37, executive vice-president of the Marine National Exchange bank, as a member of the advisory committee of the Wisconsin division of industrial development.

Jay H. FORRESTER, '28, president of AMOCO Chemical Co., Chicago, was 1957 Illinois state chairman for Chemical Progress Week.

Doctors Myer S. FOX, '28; Samuel S. BLANKSTEIN, '30; and Herbert GILLER, '45, have moved their offices to the Bockl building in Milwaukee.

R. Worth VAUGHAN, '28, has been elected president of American Smelting and Refining Co., New York City. He joined the company in 1937. Vaughan and his wife, the former Sylvia Marie FERNHOLZ, '27, have three children and live in Tenafly, N. J.

Adrian H. SCOLTEN, M. D., '29, skin disease and allergy specialist in Portland, Maine, who is a member of the American College of Physicians and one of the founders of the American Academy of General

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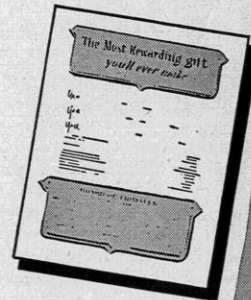
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HOLIDAY

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and most exciting

TRAVEL

U.S.A.

ISSUE

Here's a fresh new Holiday look at the U.S.A.—as seen through the eyes of English novelist Alan Moorehead—and the probing camera of Swiss photographer Emil Schulthess!

Now, in July Holiday Magazine, here's America as you've never seen her before! You'll learn why New York City is really a succession of villages . . . discover the Washington most diplomats miss . . . see the charms and changes of the New South . . . fish for marlin with Ernest Hemingway!

Learn what goes on in Dallas on Sunday, savor San Francisco's unforgettable atmosphere, learn why Chicago is the world's most independent city, find new enchantment in New England, and more!

This unique report—with 23 colorful photos—will give you a completely new slant on the U.S.A.—and on yourself! Get your copy of July Holiday Magazine today!

THE FORD FAMILY

Here's the story of Henry Ford and the Model T—the invention (and the man) that put all America on wheels!

PLUS: A new *Holiday Handbook of What to Wear Where*; *Holiday's Restaurant Awards—1957*; Frederick Morton's delightful guide to *Greenwich Village*; Bruce Catton's stirring story of the *Siege of Vicksburg*; and more!

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JULY
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A CURTIS MAGAZINE

Practice—again is using his journalistic experience; he writes a weekly column for a religious paper in Portland.

A new director of the Eau Claire Alumni Club is Dr. Lester EMANS, '29.

Power Products Corp., Grafton, has been sold to Tecumseh Products, Inc., Tecumseh, Mich., R. T. LUELOFF, '29, Power Products president and founder, will not be active in the new operation but expects to continue in the management phase of some other Milwaukee area industry. He started the business 11 years ago in a garage and built it up to sales of 13 million dollars during the last fiscal year.

Mrs. Rolland Kuckuk (Zina PARLETTE, '30) is president of the Shawano Alumni Club. Margaret QUAM, '30, and Newton WILLIS, '30, have been named directors of the Burlington and Waukesha clubs, respectively.

Asher E. TREAT, '29, professor at City College of New York, has been elected president of the New York Entomological Society.

Dr. Ralph E. HODGSON, '29, is director of animal husbandry division, Agricultural Research Service, United States Department of Agriculture, Beltsville, Md.

"Tokyo and Japan are really booming," reported Arthur (Dynie) MANSFIELD, '29, Wisconsin baseball coach, who returned in March from a series of baseball clinics in the Orient.

Bernadine FLYNN, '29, and Art Van Harvey are appearing in the TV version of the radio favorite "Vic and Sade".

The *Wisconsin State Journal* recently devoted an article to George I. WALLACE, '29, Madison signpainter. He is active in local and state retardation councils and is a prominent church and civic leader.

Newly Married

with current addresses

1948

Hanna B. Baer and Edward O. ANSELL, Princeton, N. J.

1950

Nancy O'Neil and Wilbur M. SACHTJEN, Bronxville, N. Y.

Susan Hoff and Richard Charles FRENZS, Milwaukee, Wis.

Nancy Turner and Maurice Allan DUNHAM, Paynes Creek, Calif.

1951

Susan BRUETT, '55, and Robert Arthur WIEGAND, Chicago.

Joanne ZOBEL and Capt. James Coleman Chaudoin, Sparta, N. J.

Frances SCHMIDT and Robert KELLER, Madison.

Myra Alvina Simonson and Francis Lorn JOHNSON, Madison.

1952

Joan Kientiz and Keith BUXTON, Appleton.

1953

Gwyneth ROE and Edwin William Murphy, Grand Rapids, Mich.

Patricia Ann Hoerter and Henry BASSETT, Milwaukee.

Sally Kathleen Olson and Theodore William SCHNEIDER, Kenosha.

Joanne Darline Best and Albert Richard TOMSON, Jr., Milwaukee.

1954

Joanne Ellen GILBERT and Daniel L. Leussing, Jr., Madison.

Grace A. NAPPI, '55, and Ellis MITCHELL, Madison.

1955

Lesta Harriet Koenigkramer and Eugene Francis DOERFLER, Ft. Leonard Wood, Mo.

Carol Sari COHN, '57, and David FLAX, Madison.

Grace Ann Harlow and Donald C. MARKWARDT, Reedsville.

1956

Barbara Jean NICHOL and Burton G. Klabunde, East Lansing, Mich.

Nancy Jean OTT and Richard Philip TRAINOR, Madison.

Kay Rae Custer and C. Roger STEINDORF, Richmond, Va.

Jane Delores ZUIDWEG and Gerald Arthur Vaughan, Redwood City, Calif.

Carol Louise Baumann and Donald E. RASQUE, Ridgecrest, Calif.

Barbara Claire KRUEGER and Robert W. LINDSAY, Green Bay.

Carol SCHILLER and Roderick TILLMAN, Norfolk, Va.

Barbara A. STRAUSS and Howard J. BOWMAN, Jr., Long Beach, Calif.

Susan MariJeannette DYER and George Edward SCHNEIDEWIND, '58, Madison.

Louise Marie ABENDROTH and Lt. Charles Hugh Oliver, La Jolla, Calif.

Virginia Mary BURDICK and 2nd Lt. Larry Michael HABERMANN, Waukegan, Ill.

Karen Lee Van BRUNT and Allen Lloyd WEITERMANN, Milwaukee.

Susan Collins and James Paul LOUGEE, Downey, Calif.

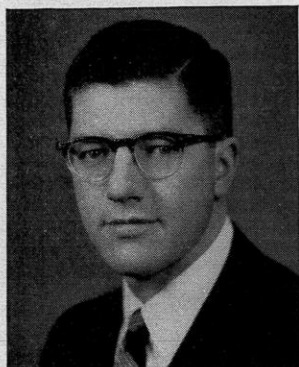
Elizabeth McARTHUR and Myron D. Hewitt, Janesville, Wis.

Ellen ROSENBLUM, '58, and Donald B. MILAN, Madison.

Joan DROPP and Leonard Gaska, Milwaukee.

Lois ELMGREN, '57, and Lt. Gilbert BAUMANN, Dayton, Ohio.

SPECIAL REPORT



Mr. CHARLES E. SEIM NEW YORK LIFE AGENT
at SPOKANE, WASHINGTON

BORN: Oct. 13, 1928.

EDUCATION: Washington State College, A.B., June, 1952

MILITARY: U. S. Army Engineers—Sgt., Sept. '46—
March '48

PREVIOUS EMPLOYMENT: August '42 to June '44—
Clothing Salesman. Summers of '48, '49, '50, '51—
Part-time building construction work.

REMARKS: Each year since June, 1952, when he first joined New York Life's Spokane office, immediately following his graduation from college, Charles Seim has achieved membership in either the Company's Star Club or its Top Club—recognition of his outstanding sales performance. Last year he sold more than \$1,000,000 of life insurance protection. Important factors in compiling this remarkable record are Mr. Seim's personality, his industry and his intense interest in his clients' insurance problems. Only 29 years old now and consistently a sales leader, Charles Seim seems certain to go on to even greater success with New York Life in the years to come.

Note

Charles E. Seim, after five years as a New York Life representative, is already well established in a career that can offer security, substantial income, and the deep satisfaction of helping others. If you'd like to know more about such a career

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51 Madison Avenue, New York 10, N. Y.

Dr. Lester L. WEISSMILLER, '29, is manager of the VA hospital, Rutland Heights, Mass.

Edward J. KONKOL, '30, is executive vice-president of the Wisconsin Bituminous Paving Association.

R. H. STINCHFIELD, '24, retired as editor of *Better Crops with Plant Food* after 31 years. He and Mrs. Stinchfield, the former Helen LEWIS, '25, live in Washington, D. C.

Mrs. Edward S. Lower, (Katherine KLUE-TER, '24) is professor of social economy and director of the graduate department of social economy and social research, Bryn Mawr (Penna.) College.

Ralph W. ZWICKER, '25, was recently promoted to the rank of major general in the U. S. Army.

Mutual Benefit Life Insurance Co., Newark, N. J., honored Earl E. WHEELER, '25, for 25 years' service.

Walter H. PAGENKOPF, '26, vice-president, operating, of Teletype Corp., Chicago, was elected to the company's Board of Directors.

To devote more time to research and teaching, Dr. Brady R. JORDAN, '26, resigned as chairman of Duke University's department of romance languages.

Prof. Grant O. GALE, '26, will take a leave of absence from Grinnell College's physics department in 1957-58 to work on an American Institute of Physics project.

Wallace A. GREEN, '27, is port director of the Waukegan, Ill., port district.

Prof. J. G. WINANS, '27, UW physicist, demonstrated circular take-off and landing techniques for small planes on Lake Kegonsa, south of Madison, in February.

Richard LAUSON, '27, has charge of the printing department at the Sheboygan Vocational school.

Gengo SUZUKI, '27, is minister plenipotentiary in the Japanese Embassy in Washington.

Chief of the doctrine section of the U. S. Army War College, Carlisle Barracks, Pa., is Col. Lydon B. COLE, '30.

Helmut SUMM, '30, UW associate professor of art and education, was one of the judges at the AAUW sponsored art exhibit at Watertown.

Milt DIEHL, '30, has ended a 20 year career of coaching basketball in Madison high schools. He will remain on the East high school faculty and will coach track, a sport he has been tutoring Madison boys for 26 years.

1930-1940

Richard M. FORESTER, '31, Milwaukee underwriter, has moved his offices to the First Wisconsin National Bank building, 735 N. Water St.

Armond CIRILLI, '31, is a director of the

Gogebic Alumni Club and Mrs. L. J. Seward (Gladys JENSON, '31) is secretary-treasurer at Berlin.

UW Extension center director Dr. W. M. HANLEY, '32, Madison, represented the state at a national conference held in Washington, D. C. to discuss instruction in two-year colleges.

Ray O. HARB, '32, secretary of the Red and White Corp., Chicago, will advise the members of SPAR International, a European trade organization, this summer on American food distribution methods. SPAR has members in seven countries. He will visit Europe accompanied by his wife and daughter, Virginia, '56.

J. C. H. BROWN, '32, is manager of Haders Co., Inc., Honolulu.

Vice president of the Sheboygan Alumni Club is Robert RUMMELE, '32, while Joe FRIER, '32, is a director of the Gogebic club.

Lt. Col. Guy M. BLENCOE, '33, writes: "I just recently returned from a trip around the world which had to be completed in 19 days, with a 10-day stop in Burma, so you can see we were not loitering enroute. Mrs. Blencoe (Marianne SMITH, '32) and I will leave the Washington, D. C., area in July after three years in the Office of the Deputy Chief of Staff for Military Operations of the Army. We are now transferred to Verona, Italy, where I will be Signal Officer of the Southern European Task Force (SETAF).



H & D corrugated packaging experts go to remarkable lengths to make sure your product stays absolutely fresh in shipment.

Now I wish I had paid more attention to my Shakespeare when I studied English back in about 1929!"

William H. McCALL, '32, is a vice-president of the United Press.

We have learned that M/Sgt. George KOHN, '32, New Cumberland, Pa., is an army recruiting officer in Harrisburg, Pa.

William A. NATHENSON, '33, former Madisonian, and Kenneth W. BELLILE, '39, UW gridiron star of the late '30's, are associates in a new law office in Chicago.

A director of the Gogebic Alumni Club is Alvin HAGLUND, '33. Elmer EBERT, '34, is a director at Burlington.

Joe GERLACH, '34, is football, basketball, and baseball coach at Stout State College, Menomonie.

A new assignment for Lt. Col. Ardie A. KONKEL, '34, is that of deputy director of the advanced development laboratory, directorate of communications at the Rome Air Development Center, Rome, N. Y.

New directors of the Northern Wisconsin and Antigo Alumni Clubs are Mrs. William W. Stewart (Elizabeth TURNEY, '35) and George VOSMEK, '35, respectively.

Leonard A. BRITZKE, '35, is president of two American Can Co. subsidiaries in the plastic container field—Bradley Container Corp., Maynard, Mass., and Pittsburgh Plastics Corp., West Pittsburgh, Pa. His headquarters are in New York City.

Harley E. NELSON, '35, is assistant general manager in charge of manufacturing at the Kalamazoo (Mich.) mills of Allied Paper Corp.

Gulf Oil Co. has transferred J. C. HEGGBLOM, '35, to a position in Tripoli, Libya.

George R. WERNISCH, '35, is vice president in charge of the structural products division of Ceco Steel Products Corp., Chicago.

Madge HAHN Longley, '36, is a member of the Royal Society of Health of London, England. She is currently associate professor of nursing at the Medical College of Virginia, Richmond.

Two alumni have received promotions in the control division, Abbott Laboratories, North Chicago, Ill. They are Herbert O. DUESCHER, '36, and William A. LENNOX, '40, now manager and assistant manager, respectively, of control laboratories.

Teaching social studies at Neenah high school is Robert THOM, '37.

Thomas E. FAIRCHILD, '37, succeeded his father as a justice of the Wisconsin Supreme Court.

Mrs. E. R. Caldwell, the former Jane GEERLINGS, '37, is a director of the Berlin Alumni Club.

We have learned that Donald PFEFFER, '37, operates Bordeaux Hardware in Nashville, Tenn.

Dr. Nicholas L. CUTHBERT, '37, profes-

sor of biology at Central Michigan College, Mt. Pleasant, Mich., is the new director at the Wisconsin Audubon Camp, Washburn county, the newest of the National Audubon Society's summer training centers for teachers and youth leaders.

Courtlyn JORGENSEN, '37, is sales manager at Badger Realty, Madison.

The new vice president and account supervisor of Cunningham and Walsh advertising agency, New York City, is Wallace T. DREW, '37. He is vice president of the Wisconsin Alumni Club of New York City.

Several 1938 graduates are active in UW Alumni Clubs in their respective areas. James BULLIS is president at Antigo; Jarl W. AHO, president at Superior; Margaret OLSON, director at Gogebic; Dr. George E. MILLER, director at Eau Claire; and Earl HOEFFLER, director at Stevens Point.

Florida vacationing Badgers can now find Dottie and Charles (Chuck) WILKNER, '38, at 16 N. W. 42nd Terrace (Plantation), Ft. Lauderdale, Fla. Chuck is now on an assignment with Abbott Laboratories in Ft. Lauderdale after four years in Miami. He was transferred from Akron, O. in 1952.

Robert J. DOYLE, '38, Madison, is Northwest Orient Airlines director of press relations.

Raymond CAMPBELL, '38, is Dallas (Tex.) general agent for the Massachusetts Mutual Life Insurance Co. of Springfield, Mass.

Robert P. HUGHES, '41, is chief designing engineer, Miami Copper Co., Miami, Ariz.

Philip K. DRESSLER, '41, is assistant vice-president and assistant trust officer, Marshall and Ilsley bank, Milwaukee.

The newly elected president of the Wisconsin Alumni Club of Sheboygan is Atty. N. S. HEFFERNAN, '42.

Dr. J. W. ANDERSEN, '44, Dayton, Ohio, is a section leader in the central research department, Monsanto Chemical Co. Research and Engineering division.

Leon KATZ, '46, and Gerald GRANOF, '49, are associates in the law firm of Katz, Granof and Maiden, Beverly Hills, Calif.

Walter C. MUSSER, '46, Sheboygan, completed an advanced training course at the Johns-Manville training center, Manville, N. J.

Director of the Thor Research Center for Better Farm Living, Marengo, Ill., is Donald R. BURROWBRIDGE, '47, Harvard, Ill.

Dr. John F. YOUNGBLOOD, '47, is liaison scientist representing the areas of metallurgy and ceramics for General Electric Research Laboratory, Schenectady, N.Y.

Merton R. BARRY, '47, instructor in engineering drawing and descriptive geometry, combines engineering and applied art. He has completed an 8 by 12 foot mural in a geometric design for the Mosinee bank.

Herbert G. KRIEDEL, '47, Croydon, Ind., is resident engineer, Southern Railway Co.

The post of manager, legal affairs, of Joseph T. Ryerson and Son, Inc., Chicago, is held by Donald L. NORMAN, '48.

Mrs. G. E. Ricketts (Dorothy HEIN, '48) writes: "My three children and I will be sailing from Seattle April 4 and will be living in Tokyo for about four years." Her husband is stationed there.

The recipient of the La Crosse Junior Chamber of Commerce's Distinguished Service Award is the current president, Atty. Jerome J. KLOS, '48.

Mr. and Mrs. Alan E. SCHOENFELDT, '49, (Gloria SCHNEIDER, '49) are living in Santiago de Cuba where he is an engineer for the Texas Co. They have a son, Steven Alan, born Oct. 19, 1956.

James H. BARTELT, '49, political reporter for the *Green Bay Press-Gazette*, took part in a two-week seminar on public affairs reporting at Allerton Park, University of Illinois. He was selected in the Ford Foundation-financed first annual contest of the American Political Science Association, conducted in 12 Mid-west states.

James F. PRESENTIN, '49, Madison, is district field representative serving 15 counties in north-central Wisconsin for the Wisconsin State Council of County and Municipal Local Unions.

We have learned that William C. HERWIG, '50, is technical coordinator, Miller Brewing Co., Milwaukee.

William J. ZUTTER, '50, has joined Carl C. Crane, Inc., Madison, supervising civil engineering projects.

Mrs. Ralph Gietzel (Jeanne SIMMONS, '50) is living in Horicon. The Gietzels have two daughters, Deborah and Barbara.

1952

Hartman AXLEY became the father of a baby girl, Colleen Lynn, Feb. 25 and on the

Dear Editor:

Round and Round

Many round robin letters have been started by college and other groups but relatively few have continued without interruption for half a century. Such, however, is the record of a round robin letter started by seven graduates in electrical engineering at the University of Wisconsin in June 1907. They called themselves the DC², an abbreviation of Direct Current Dynamo Club.

The members of the Club were Allen Hibbard, Louis Reinhard and Edward Hubbard of Milwaukee, Charles Green and Richards Loesch of Chicago, Roland (Mark) Anthony of Kewanee, Illinois and Albert Goedjen of Manitowoc, Wisconsin. Allen Hibbard later resided in San Francisco, while Louis Reinhard and Edward Hubbard made their homes in Milwaukee. These three all passed on in the intervening years. Of the four who survive, Charles Green did important engineering work for A.T.&T. Co. in New York and England and now has retired to Suncook, New Hampshire, while Richards Loesch re-

sides in Montrose, Colorado, where he has been in business and ranch operation. Roland Anthony operates an industry in Chicago and resides mainly at Clearwater, Florida and the writer was connected with public utilities, mainly in Wisconsin, and resides at Green Bay.

In its fifty years this round robin letter has travelled at least three million miles and has made at least twelve hundred stops at the homes of members of the group, so that each correspondent's old letter could be removed and his new letter be enclosed.

With each passing year this round robin letter has become more significant and the DC² members and their wives have a feeling of close friendship and look forward to the next visit of "the robin." It is recommended to other intimate groups, both in and out of college, whose paths are about to separate and whose close friendship could go on through the years.

Albert Goedjen, '07
Green Bay, Wis.

same day was admitted to the practice of law before the Colorado bar. Mrs. Axley is the former Marguerite THESSIN, '54.

Pvt. Donald H. KROPP, Watertown, is assigned to the Quartermaster Food and Container Institute's budget office in Chicago.

1954

Three UW alums are recent faculty additions to the Extension center in Green Bay. They are Kenneth H. DECKER, instructor in chemistry; Karl STOEDFALKE, '52, director of physical education; and Richard W. TEW, '55, instructor in bacteriology.

Jack W. WENNER is an associate engineer with IBM and is in component research, Poughkeepsie, N.Y.

1955

Kay CARNEY is teaching high school in Gary, Ind.

Lt. Charles L. FINE is stationed in Seattle, Wash.

Employed as a caseworker in the Oneida county (Wis.) welfare department is Nancy ANDERSON.

Pvt. James H. RIEFF is with the third armored cavalry regiment in Germany as a clerk in the regiment's headquarters company.

Dr. Darrell K. FINEUP is with the department of agricultural economics, University of Minnesota, St. Paul.

Mr. and Mrs. Robert J. MORGAN (Barbara Zimmermann, '56) and their children, Kelly and Kerry, are living in Chicago, where he is with Ryerson Steel Co.

After receiving his master's degree in engineering mechanics from Pennsylvania State University, Jack SORGE is on the research staff of General Motors technical center and lives in Royal Oak, Mich.

A graduate student at the University of Washington, Seattle, Rodney SIME was named an associate member of Sigma Xi, national scientific honor society.

John C. LEMANCZYK is an associate engineer in the Pod Subsystems Engineering department, Sperry Corp.

Working in the sales department of U. S. Gypsum Co., is Bruce SLAGG, Edgerton.

Dudley H. DAVIS, Jr., Madison, has joined the staff of U. S. Atty. George E. Rapp as an assistant attorney.

Lt. John D. LUNDBERG, Ashland, is assistant military personnel officer at Bay Area Army Terminal center, Ft. Mason, Calif.

Army Second Lt. Richard H. WOHLBER, Milwaukee, is assigned to temporary duty with Detachment R, Korean military advisory group in Taegu.

Charles P. GIUTTARI was among 970 new officers in the U. S. Navy's Officer Candidate school's 29th class who were graduated in December.

Representing the Milwaukee Co. in the West Bend area is Burns R. NELTHORPE.

Recently promoted First Lt. Lois E. BANKS is staff occupational therapist at Brooke Army hospital, Ft. Sam Houston, Tex.

Marcia E. CLAFLIN is working for American Airlines in New York City.

Serving as an occupational therapist at Fitzsimmons Army hospital, Denver, is Rhoda A. HEIAN, Wausau, who was recently promoted to first lieutenant.

Joann M. HALLQUIST, Amery, has been appointed a career foreign service officer by President Eisenhower. The appointment makes her a vice consul and a secretary in the diplomatic service.

Army Second Lt. Samuel G. SWITZKY is a platoon leader in the 10th transportation battalion's 344th company at Ft. Story, Va.

Army Second Lt. Arno K. KLEIMEN-HAGEN, Wisconsin Dells, is a platoon leader with the third Infantry division's seventh regiment, Ft. Benning, Ga.

Lt. (j.g.) Ronald D. SCOTT and his wife, the former Polly BROBST, '56, are now in Norfolk, Va., where he is at the Naval Air Station. They are renewing friendships with Lt. (j.g.) and Mrs. Francis Joseph EBERHARDT (Sheila RYAN, '54) and Ens. and Mrs. Roderick TILLMAN, '57 (Carol SCHILLER, '56).

Nancy NICOLET and James R. McMANUS were married in December and are living in Indianapolis, Ind.

Now living in Silver Lake, Wis., are Dr. and Mrs. Calvin W. Krause (Mary Kay STADL).

Jeanette GILL Tregoe is working as a therapist in Santa Monica, Calif.

1956

Georg E. SEYMOUR has been transferred to the Portland, Ore., branch of U. S. Gypsum Co.

Charles GILES is second attorney with the Clifford L. Curran law firm, Medford, Wis.

A daughter, Kathryn Marie, was born to Mr. and Mrs. Irving B. JOHNSON, Jr., Sherman Oaks, Calif. He is an associate engineer in flight test engineering for Lockheed Aircraft Corp.

Nancy HESTETUNE, Richland Center, is working as a Red Cross recreational director in European military hospitals.

Pvt. Robert C. HILLESTAD, Lodi, and Pvt. Verdie R. QUERIN, Withee, Wis., completed the teletype operation course at the Army's Southeastern Signal school, Ft. Gordon, Ga.

Army Second Lt. Harley D. SYBEE, Tony, Wis., was graduated from the basic officer course at the Infantry school, Ft. Benning, Ga.

Howard J. BOWMAN, Jr., and Barbara A. STRAUSS were married Dec. 20. He is an ensign in the U. S. Navy, presently stationed in Long Beach, Calif.

A national rifle record was set by Richard DICKSON, Whitefish Bay, who won the Goosetown shooting derby at Watertown in March. He made a perfect 200 score and fired 70 consecutive bull's eyes, breaking the former record of 43.

Dianne MILLER is studying art history as a graduate student at Radcliffe College and plans to go into museum training.

Lt. Richard C. SCHNEIDER, Jr., is a troop information officer at Ft. Huachuca, Ariz.

Jerome C. HANSEN has been transferred to Caterpillar Tractor Co.'s Milwaukee plant.

Frank F. SIGL, Oconto Falls, was recently graduated from officer's school at Ft. Benning, Ga., and was assigned as a second lieutenant in the Infantry.

Second Lt. Ronald P. NISKE recently completed the military police officer basic course at the Provost Marshal General's school, Ft. Gordon, Ga.

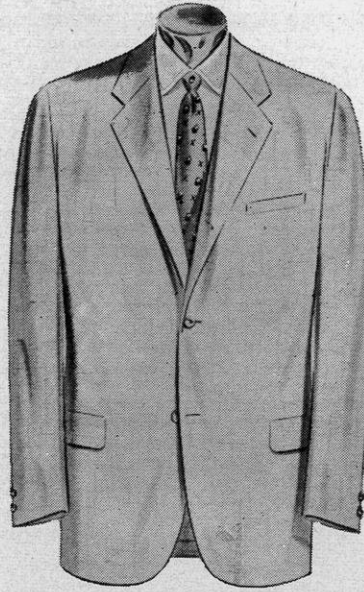
At Ft. Leonard Wood, Mo., Pvt. James A. SCHWEPPE, Madison, completed an electrical maintenance and military crafts course.

Pvt. Robert L. SCHOENECK, Milwaukee, a member of the sixth transportation battalion, is in Germany as part of "Operation Gyroscope", the Army's unit rotation plan.

A year's dietetic internship in the nutrition department of New York hospital has been completed by Jeann BEDUHN, Two Rivers.

Army Second Lt. Elgin R. MARSH, Poyette, was graduated from the Infantry school's ranger course at Ft. Benning, Ga.

Sp. 3 Bruce R. BACHMANN was assigned to the third Infantry regiment, the Army's top ceremonial unit at Ft. Myer, Va. Members of the regiment serve as the official honor guard for the nation's Capitol.



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Light blue, navy, tan, maize, charcoal or bamboo

Odd Jackets, \$37; Odd Trousers, \$16;

Bermuda length shorts, \$13

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Wisconsin Center Cornerstone Laid

(continued from page 7)

secretary of the Foundation's Centennial Campaign, the honor roll of donors; and John Berge, executive director of the Alumni Association, a February 1957 copy of the *Wisconsin Alumnus* magazine featuring "The University of Wisconsin in an Atomic Age."

Frank V. Birch, Milwaukee, president of the Foundation, pointed out that the Foundation has received more than 10,000 contributions totaling more than three and a half million dollars in cash and pledges. In addition to the building, the Foundation "expects to turn over to the University its millionth dollar in support of scholarships, fellowships, professorships, and other special services and gifts" very shortly. Such gifts already made a total \$925,000 Birch reported.

"We of the Foundation . . . believe we are not only standing on the threshold of a magnificent building, but also that we are standing on the threshold of much greater things for our University through the combined efforts of alumni and friends everywhere," Birch said.

Former Gov. Rennebohm, speaking for Gov. Vernon Thomson and the people of the state, said the governor "is particularly impressed with the significance of private gifts being used on a state-owned campus for the benefit of all our people."

"The strength of Wisconsin is in her people," Rennebohm said. "Human talents, skills and 'know-how' are, indeed her greatest resource. And it has been the good fortune of both state and University to have a vigorous and steady working relationship between state government and the University to extend and enhance this most prized resource."

Pres. Fred pointed out that the building "symbolizes wide public acceptance and support of the University's public service role, for it is financed by thousands of generous, voluntary contributions from those who see the value of investments in broad University public service programs."

Wisconsin Alumnus, June, 1957

Found: A Substance That Scratches Diamonds

THE DIAMOND, nature's hardest and most glamorous gem, may take a back seat in years to come for industrial—if not for decorative purposes. Research by Dr. Robert H. Wentorf, Jr., '48, at the General Electric Research Laboratory has led to the discovery of "Borazon," cubic boron nitride, an entirely new material never found in nature.

What makes this substance most outstanding is its defiance of the old belief "only diamond scratches diamond." In lapping tests, borazon powder polished away the surface of a large diamond at the same rate as diamond powder.

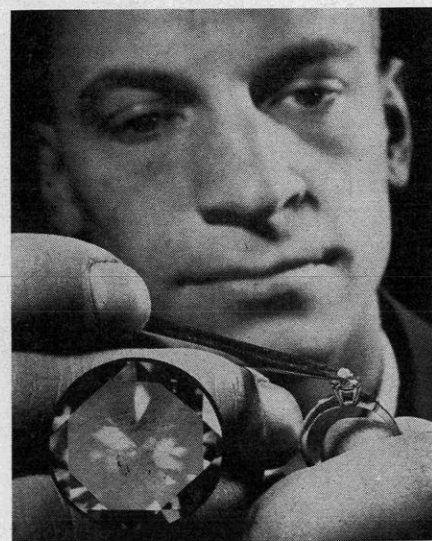
". . . I think it is likely that borazon is as hard as diamond and certainly vastly harder than any other material," Dr. Wentorf says. Borazon appears to be superior to diamond in another important characteristic—it can withstand temperatures of more than 3500° F. whereas diamonds burn up at about 1600° F.

"We believe borazon's resistance to oxidation will make possible superior methods of mounting stones in industrial tools and also may allow bits and wheels to be operated at higher speeds, performing their cutting and polishing jobs more quickly and efficiently," according to Dr. C. G. Suits, '27, GE vice-president and director of research, who announced Wentorf's discovery.

Dr. Wentorf and other GE physical chemists were not sure the cubic form of boron nitride could be made. "Trying to make cubic boron nitride then, was in a way like trying to catch a new, special kind of fish in a strange lake," Dr. Wentorf said. "You weren't sure whether that lake had any such fish, or

whether any lake had such a fish, and the other fishermen were dubious."

To produce borazon Dr. Wentorf uses techniques similar to those applied in producing man-made diamonds—a combination of high temperatures and tremendous pressures. Borazon crystals, the discoverer explains, "can be white, yellow, red, brown, gray or black. Although the individual crystals are usually small—1/32 of an inch or so—



Dr. Wentorf demonstrates how his discovery "borazon" scratches even a diamond. The inset shows an enlarged view of the scratches.

they sometimes grow together to form strong lumps as big as a pencil eraser."

Dr. Wentorf, a physical chemist in G.E.'s mechanical investigations sections, received his Ph.D. degree from the University in 1952, having joined the G. E. Research Laboratory in Schenectady, N. Y., in 1951. He and his wife, the former Vivian Marty, '49, have two children.

Gifts, Grants . . . from page 23

and Manufacturing Co., St. Paul, Minn., \$2,000; Woman's Auxiliary of the Milwaukee Veterinary Assn., \$10; General Electric Educational and Charitable Fund, Schenectady, N. Y., \$1,670; American Smelting and Refining Co., New York City, \$1,000; Edward Wray, Chicago, \$500; Dr. E. E. Puls, Beaver Dam, \$50; Maytag Co. Foundation, Inc., Newton, Ia., \$200; Marathon Foundation, Menasha, \$500; Standard Oil Foundation, Inc., Chicago, \$2,500; Alpha Beta Chapter of Pi Lambda Theta, Madison, \$300; "Track Newsletter," Madison, \$25; Richard Beck, Urbana, Ill., \$5; Gilbert Paper Co., Menasha, Wis., \$200; Anonymous, \$15; Inland Steel Foundation, Inc.,

Chicago, \$3,600; Western Electric Co., New York, continuation of three scholarships up to \$800 each; Frederick von Schleinitz, Colorado Springs, Colo., \$300; Whitewater Junior Chamber of Commerce Auxiliary through the Wisconsin Easter Seal Society, \$276.16; Dr. Paul F. Clark, Madison, \$900; Children of Mildred M. March, \$90; Dr. Edwin B. Fred, Madison, \$106.50; Members of Rainbo Lodge, Inc., Wausau, \$280; Madison Alumna of Sigma Alpha Iota, \$100; Madison General Hospital Alumni Assn., \$45.23; Proceeds of securities given by Mrs. Fannie A. Roberts, Evanston, Ill., \$1,540.93; Beta Phi Alpha Alumnae Assn., \$23; Kennebec Copper Corp., New York, \$2,000; Westinghouse Educational Foundation, Pittsburgh, Pa., \$2,500; The Texas Co., New

York, a four-year scholarship; Milwaukee Assn. of Purchasing Agents, \$250; Miss Minnie A. Odell, R. N., Chicago, \$100; Rock County Bankers' Assn., \$400; Kiekhäfer Corp., Cedarburg, \$60,000; Mr. and Mrs. Jerome F. Minzlaff, Fredonia, \$5; Mr. G. E. Heitzman, Albany, \$5; Sales Executives Club of Milwaukee, \$250; General Motors Corp., Research Lab. Div., Detroit, Mich., \$3,000; Wisconsin alumni in the firm of Ernst & Ernst, CPA, \$450; Kraus Periodicals, Inc., New York, \$76.40.

Grants

National Institutes of Health, Bethesda, Md., \$15,594; National Science Foundation, Washington, D. C., \$71,970; Smith, Kline & French Laboratories, Philadelphia, \$3,800; Panogen, Inc., Ringwood, Ill., \$400; Wisconsin Canners Association, Madison, \$8,464.83; Ford Foundation, New York, \$3,700; Dried Milk Products Cooperative, Eau Claire, \$6,000; Elsa U. Pardee Foundation, Midland, Mich., \$6,000; Upjohn Co., Kalamazoo, Mich., \$1,000; National Conference of Christians and Jews, \$2,000; Stations WBAY-TV and WBAY, Green Bay, \$6,000; McCormick-Mathers Publishing Co., Wichita, Kans., \$3,500; Educational Television and Radio Center, Ann Arbor, Mich., \$12,265; Shell Chemical Corp., New York City, \$3,000; United States Trust Co. of New York, as Trustee of the Herman Frasch Foundation, \$50,000.

James McKeen Cattell Fund, New York, \$350; American Cocoa Research Institute, Washington, D. C., \$15,000; The Ford Foundation, New York, \$15,000; The Tennessee Corp., Atlanta, Ga., \$500; Committee for Economic Development, New York, \$2,500; Anonymous, \$400; Western Printing and Lithographing Company Foundation of Racine, \$500; The Johnson Foundation, Racine, \$500; American Trudeau Society Medical Section, National Tuberculosis Association, New York, \$8,478; National Institute of Health, Bethesda, Md., \$158,693; Department of Health Education and Welfare, Washington, D. C., \$975,000; National Science Foundation, Washington, D. C., \$8,600; Pabst Brewing Co., Chicago, \$1,000; American Cyanamid Co., Lederle Laboratories Division, Pearl River, N. Y., \$1,500; The Wisconsin Canners Association, Madison, \$1,778.66; Oscar Mayer and Co., Madison, \$10,000; Shell Chemical Corp., Agricultural Chemicals Division, New York, \$3,000; Wisconsin Mutual Insurance Alliance, Madison, \$50,000.

Anonymous, \$1,600; Pitman-Moore Co., Div. of Allied Lab., Inc., Indianapolis, Ind., \$5,500; Shell Chemical Corp., Agricultural Chemicals Div., New York, \$2,500; Union Carbide and Carbon Corp., New York, \$14,500; Food Machinery and Chemical Corp., Canning Machinery Div., Hoopston, Ill., \$1,250; Chas. Pfizer & Co., Brooklyn, N. Y., \$4,800; Pittsburgh Plate Glass Co., Moorestown, N. J., \$300; Eli Lilly and Co., Indianapolis, Ind., \$3,600; Oscar Mayer & Co., Madison, \$5,000; National Institutes of Health, Bethesda, Md., \$72,121; American Cancer Society, New York, \$77,813; Wisconsin Canners Assn., Madison, Swift and Co., and the Olin-Mathieson Chemical Corp., \$1,000; Gale Broadcasting Co., Inc., Chicago, \$1,000; Alfred P. Sloan Foundation, Inc., New York, \$19,130; National Science Foundation, Washington, D. C., \$20,700.

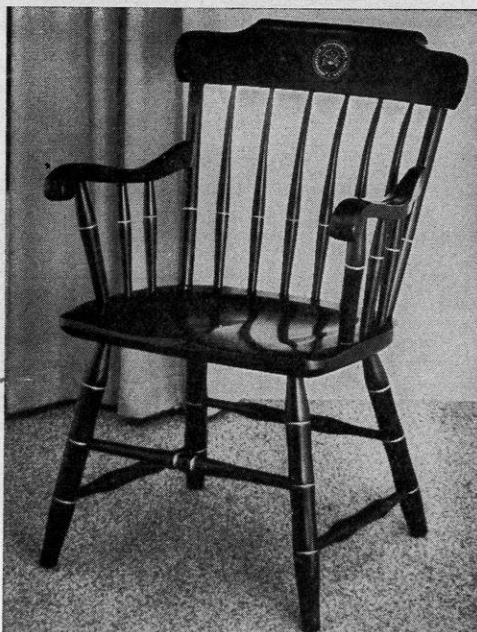
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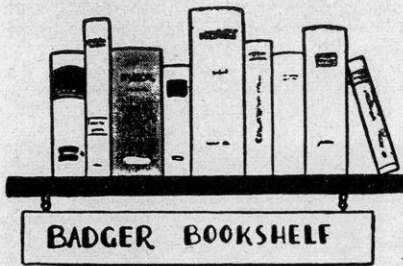
Enclosed is my check for ----- Wisconsin Chairs at \$25.50 each.

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DIAMOND. By Emily Hahn, '21. Doubleday. (Price \$3.95)

Here is an authoritative book telling the story of diamonds—what they are, where they are found, who found them, and what they are worth. Miss Hahn, who traveled an estimated twenty to twenty-five thousand miles gathering material for her book, gives humanistic as well as technical insights into the quest for these glittering gems.

THE GREEK MIND. By Prof. Walter R. Agard. D. Van Nostrand Co. (Price \$1.25)

University professor of classics Walter R. Agard presents in this book basic

problems and patterns of Greek life which are especially pertinent to 20th century America. Included are such subjects as international relations, minority rights, and individual values. Significant parallels between Greek and modern experience are drawn.

THE AMERICAN OASIS. By Edward Higbee, '16. Alfred A. Knopf. (Price \$5.00)

The American Oasis is a complete and penetrating study of the nation's farm lands from Colonial to modern times. The author, a professor of agriculture at Clark University, relates specific land-use problems of America's main agricultural regions, using case histories and telling what can be done to improve soil productivity and to insure future bounty.

THE JOURNALS OF WELCOME ARNOLD GREENE. By Howard Greene, '86, and Alice E. Smith. State Historical Society of Wisconsin. (Price \$5.00)

The excitement and color of America's early days at sea are reflected in the

journals of youthful Welcome Arnold Greene aboard the brigantine, *Perseverance*, 1817–1820. Edited by a grandson of Welcome Arnold, the late Col. Howard Greene, and Alice E. Smith, chief of the Society's research division, the book contains logs of voyages to Norway, Gibraltar, Cadiz, South America, Cuba, and the West Indies, sections of the journals, and samplings from Greene's correspondence.

HOW REAL IS RELIGION? By Wilbert Walter Weir. Vantage Press. (Price \$3.75)

This inspiring book unfolds the step-by-step experiences of a teacher and scientist in his thirty-five year quest for complete acceptance of the Christian faith. Mr. Weir's investigation into the basic tenets of Christianity includes a thorough examination of philosophic and scientific attitudes toward religion as well as a study of religion in its direct relation to the individual.

Work versus Study

(continued from page 15)

work fell steadily until I knew I would have to quit the job if I wanted to graduate.

There were other jobs then—cab driving, running bus tours, and more.

But during my entire time at the university a re-occurring dream hovered before my mind's eye. It was an aching pleasant dream.

I dreamed that I no longer had to worry about the expenses attendant on mere living and could spend all the time I wished on reading, taking notes, thinking, visiting the library, talking at length with professors, spending whole evenings in intellectual discussions with fellow students, writing better papers, participating in sports and attending dinners and dances more often than once every four or five weeks.

I was a half-educated graduate of the University of Wisconsin when I received my B.A. sheepskin in 1949. My case was, and is, common. I don't know how many others have—as I have—spent long hours of their spare time in the years since graduation acquiring the knowledge and intellectual perspective they should have had when they graduated.

The affairs of the world grow more and more complicated. More than ever, the nation now needs fully educated scientists, journalists, business executives and government

officials. Mere technical or "trade" competence is not enough to insure that the nation's leaders of tomorrow will be wise, far-seeing, truly exceptional.

One of the reasons the Russians are slowly overtaking the West in several scientific fields is because their students are subsidized, and thus allowed to devote themselves entirely to their work. According to a recent estimate, Russia produces twice as many college graduates as we do. And some experts have said that the Russian graduates are better educated.

We, too, must learn that attending college is too important to be a part-time activity. Yet, the parents of many teenagers who deserve to go to college simply cannot afford to send them.

I have no easy answer for the problem; there is none. Perhaps we could have a sort of G.I. bill (with larger payments) for exceptional high school students who desire to go to college. Perhaps student-run cooperatives in various business enterprises could be set up to provide more and higher-paid jobs. Perhaps more money from scholarships and long-term loans could be sought, although huge amounts are now arriving. Perhaps other plans can be found to help.

Some kind of answer to the problem must be worked out if we are to maintain our place as the world's best-educated nation.

Of one thing I am sure: If and when I am financially capable, I will endow a scholarship fund which will allow the recipient to give full time to his studies and to university life.

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Too early?

Well, perhaps, if you want to be strictly literal.

And yet, when she reaches college age will she be too late? Too late to get the kind of higher education so vital to her future and to the future of her country?

It all depends.

There is in the United States today a growing threat to the ability of our colleges to produce thinking, well-informed graduates. That threat is composed of several elements: an inadequate salary scale that is steadily reducing the number of qualified people who choose college teaching as a career; classrooms and laboratories already overcrowded; and a pressure for enrollment that will *double* by 1967.

The effects of these shortcomings can become extremely serious. Never in our history has the need for educated leadership been so acute. The problems of business, government and science grow relentlessly more complex, the body of knowledge more mountainous. The capacity of our colleges—all colleges—to meet these challenges is essential not only to the cultural development of our children but to the intellectual stature of our nation.

In a very real sense, our personal and national progress depends on our colleges. They must have more support in keeping pace with their increasing importance to society.

Help the colleges or universities of your choice. Help them plan for stronger faculties and expansion. The returns will be greater than you think.

If you want to know what the college crisis means to you, write for a free booklet to: HIGHER EDUCATION, Box 36, Times Square Station, New York 36, New York.



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