

BROWN

ALUMNI MONTHLY

NOVEMBER 1962



Inside the Prince Laboratory. See page 12

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FRONT COVER

ONE OF THE FIRST THINGS they did when the Frank John Prince Laboratory became operational earlier in the year was to hold an Open House. Among the exhibits was the apparatus shown on the cover—for creep tests of plastics in bending. In featuring the new Lab, we were also prompted to take a fresh look at Brown's Engineering program. Comprehensive details are attended by Brown Photo Lab illustrations.



Ascent in Athens . . .

THE Alex Robinsons returned from their sabbatical in Greece full of enthusiasm (which is nothing new) and some new tales. Both were in evidence at the fall's first meeting of the Classics Club. (Where else would you find 70 standees in addition to those seated at an undergraduate organization of this kind?)

In his talk, Professor Robinson told of one visit to the Acropolis. On the way, they encountered a weary tourist, still puffing as she made her descent. Said she: "That's an awful climb to the top of that hill!"

Professor Robinson inquired, playing innocent: "Well, is there anything worthwhile up there when you get to the top?"

"I don't know," said the woman. "I quit halfway up."

► GRADUATE FENCE, a monthly forum in the *Yale Alumni Magazine*, was full of letters deploring and defending the award of an honorary degree last year to President Kennedy. They reminded one writer of the manufacturer who was complaining to his banker about the corporation tax credit provision in the proposed tax bill. When the banker explained what a fine thing it would be for the manufacturer's company, the manufacturer retorted: "Well, if it's so damned good for our corporation, please explain to me why I'm against it."

► SQUEEZING THE GRAPEFRUIT was the headline in the *Bucknell Alumnus*, prompted by a preliminary story: "There once was a strong man who could squeeze a grapefruit dry with one hand. Only once did he encounter anyone who could outdo him—a little fellow who got an extra half-cup of juice more than he. The winner explained his amazing skill: 'I am the Treasurer of a small New England college.'"

► U THANT, Acting Secretary General of the United Nations, was receiving his honorary degree at Williams last June, according to Ralph Renzi of the *Williams Alumni Record*. And a child was overheard to remark, with awe: "He's the head of the world, and here he is right here in Williamstown."

The well-rounded . . .

► THE PERSISTENT MYTH of individual "well-roundedness" (as a supposed criterion for admission) dies hard, says Albert I. Dickerson in the *Dartmouth Alumni Magazine*. Almost 20 years ago the Princeton Admissions Director, Radcliffe Heermance, was credited with the statement that the quintessence of "well-roundedness" is the billiard ball: "It takes on a high polish and is easily pushed around." Also quoted was an appraisal of one not-very-strong candidate for admission as "a very well-rounded man with a short radius."

Dickerson wondered who first dreamed up this odd notion that "the symbol of



desirability for college most resembles the symbol of zero."

► STRAINING for something favorable to say about one of his boys who had applied for admission to Brown, a prep school sponsor came up with a memorable bit of faint praise: "Joe is definitely four years older than when he came to us as a Freshman."

► DR. THEODORE COLLIER, Professor Emeritus, writing from Tryon, N. C., was talking about Faculty meetings in a recent note and said: "I mind me of the story of the small Scot who threw a fit and would not eat his prunes. His mother, reasoning with him, warned him that God was angry with little boys who would not eat what they were supposed to. She sent him away from the table to think it over. As he sat by an open window, there came a sudden clap of thunder and bolt of lightning. When he had recovered from the shock, his first words were: 'Sic a fuss over twa prunes.' Looking back upon it, I'm inclined to think that a good many of our Faculty meetings might have been ended upon the same note."

► "THE PIRATE," according to the *Utah Alumnus*, was trying to locate and lure someone for a library post at a neighboring institution. The inquiry spoke of the hope of hiring "an attractive lady staffer," but added: "We'll even settle for an ugly old man."

► JORDAN OLIVAR of Yale was being interviewed by a football writer for the *New York Times*, with the following result mid-column:

"We have tremendously more experience than a year ago," he said today, before conducting practice for Saturday's game at Brown.

"We have tremendously more experience than a year ago," he said today, before conducting practice for Saturday's game at Brown.

And, supposedly, practice makes perfect, although not always in the early editions.

► DON'T ASK US why we sometimes glance at Class Notes in another alumni magazine, but it happens. And one item still leaves us wondering. It was about a company president: "His enthusiasm and some market research uncovered a significant fact about an untapped shoe market."

► ONE of our Ivy League colleagues whispers that a famous columnist of his is none too accurate in his recollections and won't bother to check. To the editor's query, he will merely reply: "Go look in your Oxford dictionary." (He knows the office has only a Webster.) Or he'll protest: "I'm not a photographer—I paint only water colors." And finally: "Go ahead and run the piece. Then you'll find out if anybody reads your fool magazine."

► IS IT SIGNIFICANT that we use the same word for an orator and the mechanical apparatus of the public address system that carries his voice: speaker?

Give, give, give . . .

► WE DIDN'T HAVE A MEDAL to award, but we wished we had the night we went to Springfield to take part in the kick-off dinner of the Alumni Fund of American International College. There was a Class Agent there who had stopped on her way to the meeting and made a donation to the Red Cross blood bank. Then she proceeded to her AIC rally to hear a message about giving generously.

► A STORY we've been saving for the proper season had better not wait much longer. It came to us from our Georgetown colleague, Dr. James S. Ruby, who says it appeared in the alumni magazine at Loyola of Los Angeles and was there vouched for as true:

In a small-fry play at Christmastime, they asked a seven-year-old to play the part of the Inn Keeper at Bethlehem. He was pleased at first and then appalled to find out the nature of his role. You see, his own family was known for its tradition of open-handed hospitality. "I won't do it," said the boy. "Nobody is ever turned away from our house."

This is just make-believe, they told him. "It's just a play, and all you have to say to Mary and Joseph is 'I'm sorry. We have no food, and we have no room.'" And so he was persuaded.

Before a packed house on the night of the performance, the boy was true to his promise. When Mary and Joseph knocked at the door, he appeared and replied, "I'm sorry. We have no food, and we have no room." Then he added, with a large gesture, "But come on in and have a couple of drinks anyway!"

BUSTER

Challenge in Housing

Corporation-approved
report is far-reaching
in its implications

President Keeney's Statement:

'The questions must be honestly faced'

FIRST OF ALL, I should like to make very clear that I am in general agreement with the Report of the Committee and feel strongly that we are in debt to the present members of the Committee and to Dean Watts.

The Committee was charged to examine the whole residential system, with everything it includes, and nothing else.

One of the prime areas of agreement is the purpose of residences. Once the point of decency, safety, and reasonable comfort has been achieved in collegiate residences, a more sophisticated question immediately arises: namely, do the residences as such and the program centered about each residence contribute to the educational purposes of the institution? Generally speaking, I agree with the Committee's implicit and explicit conclusion that, while some fraternities contribute to the educational purposes of the University, others do not. Moreover, while conditions in some dormitories are conducive to the whole education that we like to strive for, conditions in others are not.

The Committee's report deals with the whole question of housing and the educational activities it is intended to promote. It is not a report on fraternities but a report on housing. However, since its study of housing made it necessary for the Committee to make certain recommendations concerning fraternities and since these recommendations are bound to have considerable effect on the fraternities, the sections of the report that deal with fraternities have attracted and inevitably will attract more immediate attention than the whole report.

A STUDY OF HOUSING at Brown, under way for more than a year, was the major topic at the October meeting of the University's Corporation. Basis for the discussion was a report from a joint Corporation-Faculty Committee which, with the Corporation's approval, will provide objectives designed to improve the quality of residential life among the undergraduate men on the Hill.

For the alumnus, probably the section of prime interest in the report was the one which deals with the future of fraternities at Brown. But there were other recommendations which would bring significant changes in the dormitories and refectory, notably the proposal to assign West Quadrangle to the exclusive use of Freshmen (as had been the intention first announced for this facility).

Copies of the report were first available for publication on Oct. 15, when this issue had reached an advanced stage of production. There will be more to say in a later issue of this magazine. Rather than delay dispatch of the report to our readers, however, we offer the full text with a minimum of comment and without word of its reception. We accompany the text only with a statement from President Keeney, which went fresh from a University Hall typewriter to our printer on Oct. 18. It appears immediately below, on this page.

The principal recommendations of the Housing Committee appear at the outset of its report, and we refer you to them without duplicating their summary. They should be read in the context of the complete statement, which shows how the Committee reached its conclusions.

I agree strongly with the Committee that the question of fraternities must be honestly faced. I agree that this cannot be done by blanket endorsements or condemnation of fraternities, but rather that each fraternity must be judged on its merits at each period in its history. If the judgment is that the fraternity does not contribute to our general purposes, it must be either improved or, failing that, removed. This attitude that fraternities shall be judged individually is of extreme importance for the fraternities as a whole.

Most of our dormitories are decent, comfortable, though uninspiring places to live. Some of them are in poor condition, however, and some are unorganized by the students. Whether or not this report had been written, these conditions would have had to be corrected.

Before the proposal to use the West Quadrangle and Littlefield as residences for Freshmen can be implemented, Caswell, Hegeman, and eventually Slater must be renovated. We shall now proceed to try to find the means to do so. Since the West Quadrangle was originally designed for a Freshman quadrangle, it will need little or no alteration.

Having made these observations, I shall now turn to the question of cost. The renovation of Caswell, Littlefield, and Hegeman, which must be accomplished in any case if we are to maintain respectable quarters for our students, will amount to about \$200,000. This cost is not an argument for or against this program; the work will have to be done anyway.

If fraternities begin to fail, the alterations in the Wriston Quadrangle will have to be accomplished in any case. It is

highly likely that some fraternities will fail in the future and go out of existence. Alterations in the Wriston Quadrangle will cost about \$80,000.

Renovations and alterations will carry an additional annual cost of \$23,000 lost in room rents as a result of enlarging lounges and adding quarters for Resident Fellows.

This Leads to "The Real Question"

Therefore, since all this work should be done in any case, I am not concerned with its cost. I am concerned about the proposed new construction, not because I wish to oppose new dormitories, which we will certainly need, or a new refectory, which we probably need (and these are on our 10-year plan), but because I do not believe that much of the proposed new construction can be financed out of debt for the very simple reason that 71 per cent of our dormitory rooms, having been completed during the last 15 years, are already financed in part by loans and endowment investment that must be retired. This is a very unusual situation in an old private institution. We could finance new construction out of debt by raising residential charges, and we may well decide to do so.

We can also use funds that we raise, and here the real question comes up.

Is it more important to the University as a whole to build new dormitories and keep 90 per cent of the students in residence or is it more important to improve the academic facilities and the Faculty, the laboratories and the Library, and thereby provide a greater educational opportunity for our undergraduates and our graduate students? I propose that this question be thoroughly discussed by all the decision-making apparatus of the University—by the Faculty, the Administration, and the Corporation—and that the Committee be directed to report to the Corporation on this matter.

As to new construction, the Committee quite properly recommended what it thought of as the ideal arrangement. Whether we can or should achieve it, and when, must now be decided.

Of the report as a whole, I recommended that, subject to the reservations I have stated and the possible modifications, it be accepted by the Corporation, that the members of the Committee be thanked, and that the proposed authority be set up to implement the report as appropriate.



IN WRISTON QUADRANGLE: "Each fraternity must be judged on its merits at each period in its history."

THE REPORT ON HOUSING

(The full text as the Corporation approved it.)

THE INSTRUCTIONS given to this Committee by the President, in behalf of the Advisory and Executive Committee of the Corporation, required that it undertake a review of the undergraduate housing program at the College. Its report contains certain specific recommendations and a general description of their justification.

The Committee met 13 times. It received advice from certain students and Faculty members: the Interdormitory Council, the Interfraternity Council, the Cammarian Club, the Student Resident Advisors, and the Resident Fellows. It conducted one open meeting. It met with President Emeritus Wriston. The entire Committee visited Harvard, and various subcommittees traveled to Yale, Dartmouth, Amherst, and Wesleyan, and met with the Director of Housing of the University of Pennsylvania. Throughout its work, it received every courtesy and cooperation from all those with whom it had dealings.

We should also like to acknowledge the stimulus which the student-initiated housing report of 1961 provided this Committee. While we have by no means concurred in all recommendations contained in that report, we applaud the spirit of responsible concern which the report reflected. (This "report" by a self-constituted student group of 15 was described in our issue for April, 1951.—Ed.)

Recommendations

1. That the Resident Fellows Program be strengthened and expanded. Specifically, that in addition to the (present) Head Resident Fellow, four Senior Resident Fellows be appointed, one for each of the following housing complexes: Caswell-Hegeman, Slater-Hope, Wriston Quadrangle, and West Quadrangle. That ample quarters for the Senior Resident Fellow of Caswell-Hegeman be provided in the Hegeman cottage; that adequate quarters for a single Resident Fellow be provided in Slater; that the present Resident Fellows quarters in the nine Wriston Quadrangle units be expanded, especially to permit the appointment of married faculty members. That non-resident Associate Fellows be added, and further that promising young professional and businessmen in the Providence community—in addition to members of the Brown faculty—be considered for appointment to the positions of Resident Fellows or Associate Resident Fellows in the upper-class housing units.

2. That Freshmen be housed separately in West Quadrangle (and, if need be, in Littlefield). Further, that the use of Student Resident Advisors in Freshman housing units be expanded to provide for approximately one advisor for every 30

freshmen; that responsible graduate students as well as mature seniors be considered for appointment as Student Resident Advisors.

3. That residential housing for upperclassmen be conceived and organized in terms of eleven units, with the Resident Fellow(s) providing the central focus of each unit. These units would consist of: Caswell-Hegeman (one Senior Resident Fellow; 3 Resident Fellows); Slater-Hope (one Senior Resident Fellow; one Resident Fellow) and the nine building units in the Wriston Quadrangle, each of which may eventually contain two, one or no fraternities (one Head Resident Fellow; one Senior Resident Fellow; 7 Resident Fellows).

4. That each fraternity which desires to occupy special dormitory and dining quarters at Brown be required to: increase its membership so that, within a period of four years following the adoption of this report, it occupies about half of the building unit in which it is presently located (i.e., achieve a residential membership of approximately 50); maintain an academic average which does not in any four consecutive semesters fall more than .200 below the All-College upperclass average; maintain a general program of activities consonant with the central purposes of the University, including active recognition of the pivotal importance of the Resident Fellows Program in the system of upperclass housing. Any fraternity which fails to satisfy each of the foregoing standards will be denied the privilege of maintaining special living and dining quarters, and the space previously occupied by such fraternities will be assigned for use by dormitory units. In addition, the standing Committee referred to in 10 below may at any time make recommendations concerning individual fraternities as it deems appropriate in the best interests of the University.

5. That necessary repairs and renovations—in addition to those incident to the enlargement or establishment of resident fellow quarters—be made in the following housing units: Hegeman, Caswell, and Littlefield.

6. That the rules governing the times during which young women are permitted in student rooms in upperclass housing units be liberalized; that the extension of such privileges be accompanied by the formulation of explicit statements regarding the concomitant student responsibilities; that existing parietal rules obtain in freshman housing units.

7. That the allocation of dining space and hours in Sharpe Refectory be revised so as to maximize the opportunity for Freshmen and for the members of upperclass residences to dine as house units. At the evening meal, freshmen should dine on the first shift, upperclassmen on the second; cafeteria service should be continued at the breakfast and noon meals.

8. That the University continue to maintain an adequate and attractive center for commuting students.

9. That future residences be planned in terms of eating and housing units of no more than 200 students; that the majority of such units consist of three-man suites and singles; that future plans consider combining Senior and graduate students in new housing; and that future residence halls embody the most imaginative aesthetic thinking available.

10. That a standing Corporation-Faculty Residential Housing Committee be appointed to direct generally the recommendations contained in this report, to recommend to the Corporation appropriate measures for implementation of these recommendations, and to propose additional recommendations concerning the residential housing system at Brown as seem appropriate.

I. Introduction

In undertaking to be a residential institution the College has, throughout its history, believed that education must affect the whole lives of its students. If, as the Charter of 1764 says, the purpose of the College is “. . . preserving in the Community a Succession of Men duly qualified for Discharging the Offices of Life with usefulness and reputation”, then the Campus community must encourage each student to approach a mature and responsible life. It should seek to provide an environment which brings together the intellectual, emotional, social and spiritual dimensions of life in a natural way.

The physical nature and pattern of the housing which the University provides constrains and shapes the character of student life, but it is the response of the students to this which eventually determines the character of that life. One must recognize that the University itself can influence the “student culture” mainly by indirection: by providing the facilities which make mature living possible; or by advice, encouragement or example, as through the Resident Fellow and Student Advisor programs. One must also recognize, however, that the forces which can bring about and sustain a balanced and stimulating student life must come from within the student society itself. Social responsibility does not flow from detailed and explicit social regulations imposed by the University, nor does civilized and mature student life flourish in an atmosphere with few civilizing influences.

What Housing Should Provide

Any system of residential housing ideally must provide certain general opportunities for its students. First, it must recognize the importance of privacy, not just so that the student may study in quiet, but so that he may indulge in that essential need of intellectual life: reflection. Only by occasional, unhurried contemplation can a student come to understand himself as well as the problems that face him the rest of the day. Secondly, he should, at the same time, be part of a communal group which both supports and stimulates his growth as a responsible and educated individual. This is necessary for several reasons: to provide an organizing center for his social life; to provide occasions where he can test his ideas with others; to supply, particularly in his earlier years, the necessary informal contacts with upperclassmen and faculty which may influence his values and increase his maturity; and, finally, to provide the means by which he may identify himself with the larger goals of the University.

It is this Committee's conclusion that the existing pattern of housing falls short of the ideal for many students. Regarding the physical facilities, there exists overcrowding in both dining and living, there are too few opportunities for quiet study, and there are serious inadequacies and inequities in the availability of social facilities.

The social patterns that exist generally are also less than satisfactory. With some exceptions, fraternities are not providing a positive influence in campus life commensurate with their favored position, and in certain cases their influence is distinctly negative. In the dormitories and houses, but again with definite exceptions, there are too few meaningful identifications about which responsible social life can be organized.

The Committee believes that large improvements in the residential environment can be made within the existing com-

plex of buildings without excessive expense and within a reasonable period of time. The chief goal of these improvements, the Committee feels, should be the arrangement of all housing into well-defined units (for living, dining, and social affairs) built around a strengthened Resident Fellows program.

II. THE FRESHMAN YEAR

The Committee recommends that the West Quadrangle be used as the center of Freshman housing, with Littlefield Hall used to quarter those Freshmen who cannot be accommodated in the Quadrangle.

The normal capacity of the West Quadrangle is 547 students; Littlefield's capacity is 66. If about 5% of each Class commutes, these two buildings can provide for Freshman Classes of 650 students, with some overcrowding due to the presence of upperclass student advisors.

The West Quadrangle has quarters for three married Resident Fellows, and for four unmarried Fellows. Littlefield has quarters for one unmarried Fellow. For the present, these quarters may be regarded as adequate, although better facilities must be provided in the future if the Resident Fellow program is to grow as is suggested in this report.

During 1961-62, The College appointed Student Resident Advisors in certain of the predominantly-freshman dormitories. They have provided advice regarding academic and intellectual affairs, and maintained discipline. They have successfully combined these two functions, and complement the success of the Resident Fellow program. It is recommended that this program be enlarged, so that one Student Resident Advisor, a Senior or a graduate student, may be appointed for every 30 Freshmen.

Coordination among the Resident Fellows, and direction by them of the Student Resident Advisors, should make possible a good Freshman housing program; unless such supervision is possible, the Committee believes it would be unwise to segregate Freshmen.

The Committee realizes that there is much to be said for the system presently in effect, wherein a certain amount of intermingling among Freshmen and upperclassmen occurs. Briefly stated, the chief reasons for not establishing Freshman dormitories center around the hope of bringing entering students as much into contact with the life of the whole University as possible. It is argued that the cloistering of Freshmen unduly prolongs their “high school” attitudes. However, such cloistering has lessened in recent years; secondary school preparation is such that increasing numbers of Freshmen enter relatively advanced courses. The trend is sure to continue. Thus they do not share, as a group, a restricted number of courses, an “academic Freshman year.”

Only when Freshman housing as such is established is it possible to design programs, of both a social and an academic nature, suitable for them. Lectures, seminars, informal and so on, under the guidance of Resident Fellows and Student Resident Advisors, may be brought to bear with good results. Such programs have been lacking in the past at The College.

Housing of Freshmen together is an effective way to establish Class unity. Today most other pressures within The College work against it. Some relation exists between Class unity and “school spirit”, which, trite as the phrase may be, has relevance for the University, in terms both of the general morale of undergraduates and of each student's responses to Brown as an alumnus.

HOUSING REPORT, Continued

These suggestions concerning Freshman housing must be considered in the whole context of this report. That is, whatever is done with regard to Freshman housing should be done only as it fits with plans for upperclass housing. One of the defects of the present residential system at The College is that the presence of Freshmen in non-fraternity units disrupts whatever attempts such units may make to establish their own identity.

III. THE UPPERCLASS YEARS

The Committee believes that the upperclass years can be made more effective if all upperclass housing is formed into residential units which have a clear identity with respect to dining and social organization, as well as in living. It is hoped that such units would build up desirable and distinctive characteristics because there would be a continuity among their occupants, and hence an increased sense of responsibility toward a valid social organization. It is our view that students, as they approach their Sophomore year, would be asked to consider a variety of residential units as possibilities for their upperclass years. One hopes that assignment to these units after the Freshman year would follow the desires of the students as much as possible, and that most students would remain with these units in subsequent years.

A. The Resident Fellow Program

The Committee believes that the institution of Resident Fellows was the best attempt made in recent years to make an educational force of the residential part of the campus. It is not necessary to review in detail the functions of the Residential Fellow program; suffice it to say that the Fellow's presence in the dormitory is meant to be a "civilizing" influence in the best sense of that word. They are not disciplinarians, nor have they needed to be. They are not tutors. They are simply more Senior members of the hoped-for "community of scholars". Where good candidates have been chosen, their success has been evident to all.

It is from their presence that the Committee would have the University build, both figuratively and literally; it is they who should in the future constitute the organizing influence of each of the residential units.

The expansion of the Resident Fellow program would take the following form. First, it is recommended that Resident Fellows be drawn not only from the University Faculty, but also from the Providence community, particularly from the several professions. Second, Faculty Resident Fellows should, wherever possible, be of tenured rank, and should be appointed for a reasonably long term. Such appointment should constitute, in the hierarchy of Faculty values, a matter of considerable importance. Third, each Resident Fellow would be encouraged to choose, from among the Faculty and from the community at large, a number of Associate Fellows, who would be invited to attend all functions and to take meals with the students resident in the building.

Outside the Wriston Quadrangle, Hope and Slater should be considered as a single unit or college, and Caswell and Hegeman should be similarly considered. The married Resident Fellow in Hope would direct activities in both of the former, along with an unmarried Resident Fellow in Slater. In the Caswell-Hegeman unit, quarters for a married Resident

Fellow should be provided in the "cottage" of Hegeman; along with three unmarried Fellows (placed in Caswell and in the other Hegeman units), he would direct the activities of the entire unit.

In each of the nine buildings of the Wriston Quadrangle, comfortable quarters eventually should be provided for a married Resident Fellow in what is now the entrance to the buffer dormitory. Each of the buildings is so constructed that a suite of rooms, including bath and kitchen facilities, may be easily arranged on the first floor, allowing the Resident Fellow his own entrance, and a degree of privacy not now possible.

The emphasis in the expansion of the Resident Fellow program should be on attracting the most prominent members of the Brown community to such positions and, for these reasons, available resources should be concentrated on gradually providing truly adequate facilities to make such a policy possible.

B. The Housing Units

Since the Committee is of the opinion that improvement in residential living necessitates setting up well-defined units, the main problem is how they can be achieved within the framework of our present physical plant, with such changes as are practicable. This in turn focuses attention upon facilities now available.

Outside of the two quadrangles, there are four separate dormitories which house the following numbers of students: Hegeman 122, Caswell 92, Hope 74, Slater 47. In these dormitories the problems which exist are largely the result of inadequate living and dining facilities. Caswell, now housing Freshmen, is in serious need of renovation; Hegeman, also now with Freshmen, has no common room facilities and no quarters for Resident Fellows; Hope's renovation has proved successful and Slater, while it has no common room, is a popular dormitory. None of these units possesses separate dining facilities, necessitating their occupants eating in the large center room in Sharpe Refectory.

If the recommended program for Freshmen be adopted it is imperative that renovations in Hegeman and Caswell take place to make them attractive for upperclassmen. These renovations, combined with suggested changes in the Resident Fellow program and in dining plans, will enable effective units to be made of these dormitories.

(Only parenthetical reference is made to the three temporary off-campus houses, Ames with 22 students, Stites with 21 and Edwards with 23, since in the course of time it seems certain they will be torn down to make way for other buildings. In the meantime, however, they may become one unit of 66 students and be made to fit into the general plan herein recommended.)

Within the Wriston Quadrangle the physical facilities for proper housing units are present. One such unit is separate and the balance consists of eight houses ideally suited to provide two living units each. (At present, however, these are divided into three units: two fraternities separated by a "buffer" unit of variable sizes.) There are thus available facilities for 17 units of approximately 55 each, accommodating a total of 935 students. In each unit are found excellent social and recreational quarters and a small room available as a library. Furthermore, each has attractive separate dining facilities in Sharpe Refectory, completing all requirements for successful grouping. Furthermore, from the matter of physical

appointments the eight larger houses could be readily made into eight house units, housing 110 each, with double social quarters available to all and dining facilities for the larger units made available by combining two of the smaller dining rooms now in existence.

From the point of view of physical facilities, therefore, the quadrangle with only slight changes is available for the establishment of units and the expanded Resident Fellow program recommended in this report.

C. Dining in Sharpe Refectory

The crux of the difficulties in the Refectory arises from overcrowding. The Refectory was originally designed for use by approximately 1700 students. The 17 separate fraternity dining rooms each were to care for approximately 55 or a

total of 935, leaving 800 for the middle section. Contrast this, however, with the present situation where only 700 use the fraternity dining rooms, leaving 1600 to find accommodations in the large center dining hall designed for half that number. The consequent overcrowding in the large room presents an acute problem.

A solution is, however, readily available if full use is made of existing facilities and if Freshmen at the evening meal eat in advance of upperclassmen as suggested in this report. If this is done, the 600 Freshmen will be subtracted from those eating at one time, leaving 1700 to be accommodated at one sitting. If the 17 housing units in the quadrangle be fully used, those 935 students will be eating in separate dining rooms, with the result that only 765 will dine in Center Sharpe, a figure well within the 800 for which it was originally designed.

Too Much for Too Few?

D. The Fraternities

The original design of the quadrangle was ideal for the use then envisaged. It was contemplated that each fraternity unit would house from 40 to 50, with rooms not used being thrown into the buffer dormitory between the two fraternity units. It was for this reason that the moveable doors were installed with separate entrances to the buffer units and only one small living room made available for what was contemplated as a small group of residents.

Developments have brought about a great departure from the original plan. At the present time the numbers in the fraternity units run from 18 to 50 with an average of 35. The result is that the fraternity quarters accommodate only 600, while some 350 live in the buffer units, one of which houses 60 at the present time. Thus the fraternity units in the aggregate are using only about 2/3 of their potential and, in some cases, only about 1/3.

The result brought about is readily apparent. More than 1/3 of the quadrangle residents (those living in the buffer dormitory) are deprived of adequate social and recreational facilities and not only possess no private dining facilities, but are forced into a crowded common dining hall, to their discomfort as well as that of students from dormitories outside the quadrangle with whom they mix. Furthermore, those in the fraternity units, utilizing only about 2/3 of their potential, are being afforded quarters and dining facilities which they are failing to use fully. As a result, it is no over-statement to say that, from the University's point of view, at least 1/2 of the occupants of the quadrangle are being improperly housed, namely, those in the smaller fraternity units and those in the buffer dormitories.

The Committee, a majority of whom are members of fraternities, has been forced unanimously to conclude that, as educational housing units, the fraternities have become far from satisfactory in respects other than and perhaps more important than that of housing. In numbers, as indicated above, they have become far too small for proper units.

In scholastic standing the situation is also acute. While in 1952-1953 the All-College average was 2.317 (on a 4.00 scale), the All-Fraternity, 2.376 and the All-Non-Fraternity,

2.275, by the year 1960-1961 with the All-College average at 2.483, the All-Fraternity was down to 2.436 as compared with the All-Non-Fraternity of 2.504. In 14 semesters between 1954-1955 and 1960-1961 the All-Fraternity average has been above the All-College average only three times while the All-Non-Fraternity has been above it 10 times. That is, while the All-College average has risen steadily in the last 10 years, the rise in All-Fraternity average has not kept pace and the rise in All-Non-Fraternity average has out-distanced it.

Moreover, the fraternity units have provided few, if any, of the educational functions which should be found in a given segment of the college. Although Resident Fellows have been available in each dormitory and have made efforts to exert influence in fraternity groups, they have been largely unsuccessful in invoking any response among the fraternities.

The Committee has, therefore, been forced to conclude that the philosophy under which the University spent an additional million dollars to make suitable facilities available for fraternity units has failed the test of experience. At the time of its planning, as now, there was recognized the tendency of undergraduates to form social units. It was felt that there were advantages in tradition and otherwise to allow this to take the form of chapters in national fraternities. It was thought chapters of from 50 to 75 would result, with total members of from 850 to 1,250. It was likewise thought that at least 40 would live in fraternity units for a minimum total of 680, thus leaving a maximum of 250 in the buffer units for whom the small social room would be found adequate. No facilities for a Resident Fellow were provided in the fraternity units on the assumption that they themselves would take care of the type of stimulus such a person might impart.

These assumptions have, however, not proved correct. In the size of units, in academic standing, in type of social activities, in intellectual endeavor of all kinds and in other respects, the system cannot be regarded as having achieved success. The result is that many of those in the fraternities, accorded proper facilities, have failed to use or deserve them, and those outside such units in increasing numbers have been deprived of equal living and dining facilities.

It must, furthermore, be observed that the unsatisfactory



condition outlined above has of course become obvious to the undergraduate body. Thoughtful reports and polls have demonstrated this fact. Fifty-three percent of the undergraduates, including 35% of fraternity members, have indicated they are dissatisfied or very dissatisfied with present housing. Thirty-eight percent desire major changes and 35% minor, for a total of 73%, with over 30% of fraternity members favoring major changes. Twenty-six percent of fraternity men favor a house system; 62%, including 51% of fraternity men, favor a Resident Fellow in each house.

What has thus become evident to undergraduates possessing little opportunity to better the situation has become equally and perhaps more clearly obvious to University authorities upon whom rests the responsibility for the Institution and the development of the young men entrusted to their guidance and leadership. This Committee, therefore, feels that some plan must be promulgated in an attempt to move out of the present unsatisfactory condition. Equally obvious is the fact such a plan must be formulated within the present plant which includes a quadrangle which cannot be structurally altered and a Refectory subject to only minor changes.

Only two ways of proceeding seem to present themselves. The first would be for the University to take over complete control of the Wriston Quadrangle and divide it into 9 or 17 housing units, as above outlined, eliminating the fraternities.

The second would be to enlist the support of the fraternities to constitute themselves such units and take their place in the development deemed necessary for the good of the college. For many reasons the second appeals to the Committee as preferable.

The tradition of fraternities is old and they have in the past made valuable contributions to the institution. Moreover, the Committee feels that certain of the fraternities are now making a positive contribution to the Brown community and that they should be allowed to continue. The Committee, therefore, believes that fraternities should be judged, not as a "system," but as individual social units which are to be justified on their own separate merits.

The Committee, therefore, has made its choice. But this choice has been made only when coupled with the firm resolve that the objective sought must be obtained and that the implications of that necessity must be faced. We, therefore, propose to proceed within the present general framework of housing with, however, the understanding that the desired results must be achieved under it or under such modification or departure from it as proves necessary.

To accomplish these objectives within the present general system, it becomes apparent that many of the fraternities must raise their membership, improve their academic standing, and inaugurate a program in keeping with the purposes of the University.

Recommendations with Respect to Fraternities

The seriousness of the situation has persuaded the Committee of the advisability of outlining certain specific steps which should be taken. The following recommendations are therefore made:

(1) That each fraternity increase its resident membership to approximately 50 within a period of four years and thereafter maintain that figure. Under favorable circumstances, some latitude might be granted but only as recommended by the Standing Committee (provided for elsewhere in this report) and approved by the Corporation.

(2) That each fraternity maintain an academic average which does not in any four semesters fall more than .200 below the All-College upperclass average.

(3) That each fraternity maintain a general program of activities consonant with the general purposes of the University.

(4) That each fraternity manifest recognition of the pivotal importance of the Resident Fellows program, possibly by having such a Fellow resident within its quarters, the fraternity to be consulted in regard to the choice of such a Fellow.

(5) When, upon report of the Standing Committee, the Corporation is convinced that any fraternity fails to satisfy each of the foregoing requirements, it be denied the privilege of maintaining special dormitory and dining quarters and that its present quarters be converted into a housing unit.

In addition, this Committee recognizes that in the best interests of the University, positive action with respect to some

fraternities may have to be taken earlier than four years from now. Therefore, it recommends that the Standing Committee carefully examine the situation existing in each fraternity and make recommendations as to whether or not these fraternities should be allowed to continue without change beyond the present academic year. Such examinations should be made annually over the next four years.

This Committee, therefore, views the ideal future situation in the Wriston Quadrangle as one where each of the larger buildings would consist of one or two social units (which in the latter case may be fraternities), centered around a married Resident Fellow located in what is now the buffer dormitory. It is our hope that future developments will allow the abandonment of the buffer dormitory concept entirely.

IV. FUTURE HOUSING

Although this Committee unanimously believes that the University needs more housing and dining facilities, there was not general agreement on the detailed form that new buildings should take. As far as undergraduates are concerned, the Committee believes that long-range needs require the addition of housing for about 700-800 students and dining facilities for 1,500.

Whatever form these new facilities may take the Committee feels strongly that the housing and dining should be planned in terms of units not exceeding 200 in size, and that the housing should be made up primarily of three-man suites and single rooms. Such housing should also be built around the Resident Fellow concept. In addition, it may also include certain amounts of combined Senior and graduate student living.

V. TIMING AND PRIORITIES

We do not suggest that all of the recommendations we have proposed be effected immediately. But that their implementation must necessarily be gradual does not mean that effective steps toward their realization cannot be taken by the beginning of the 1963-64 academic year. This is all the more possible because, with the exception of possible new housing and dining units, none of the recommendations will involve major expenditures.

Priority, we believe, should be given to the repair and renovation of Caswell, Hegeman, and Littlefield. The only structural changes—and they would perhaps be relatively slight—would involve incorporation of ample quarters for a Senior Resident Fellow and his family in Hegeman cottage. Some expansion and improvement of the living quarters for three single Resident Fellows in the remaining Caswell-Hegeman units, and for one single Resident Fellow in Littlefield would also be required. We suggest that these changes be effected by September, 1963.

We do not believe that West Quadrangle should be reassigned for Freshman housing until adequate quarters can be provided elsewhere for the upperclassmen presently living there. The repair and renovation of the Caswell-Hegeman complex will, in large measure, provide such quarters. Accordingly, we suggest that the target date for the institution of a system of Freshman housing be September, 1963 (or whenever the repair and renovation of Caswell-Hegeman is completed). The expansion of the Student Resident Advisor program—a crucial aspect of the Freshman housing plan—must obviously coincide with the adoption of that plan. This would also appear to be the most appropriate time to intro-

duce the changes in dining spaces and hours recommended for Sharpe Refectory—changes which would involve no addition to present costs.

Provision of adequate quarters for a single Resident Fellow in Slater would involve little expenditure, and should, we suggest, be effected by September, 1963, or September, 1964.

The plans for the addition of Associate Fellows and the utilization of a select number of non-academic men as Resident Fellows could be developed by the Residential Housing Committee during the 1962-63 academic year, and the plan itself might then be inaugurated in September, 1963.

Although highly desirable, the expansion of the Resident Fellows' quarters in the nine units of Wriston Quadrangle is not an urgent need. Enlargement of quarters to provide for the appointment of married fellows (with families) might be accomplished in stages over an eight-to-10 year period, with two such enlargements undertaken each summer, beginning in 1963 or 1964.

The recommendations pertaining specifically to fraternities involve no expenditure of funds. Their realization—which in very large measure will be the province of the individual fraternities—should be immediately encouraged. The date for achieving the residential membership requirement should be September, 1966. (By this date, the "buffer" dormitory arrangement in Wriston Quadrangle will have been replaced, and two housing units—fraternities or non-fraternities—will occupy each building.)

In view of the growing number of Rhode Island students who choose to live on Campus, we see no need for the enlargement or renovations of Plantations House, the center for commuting students. Obviously, however, we believe that this building should be kept in good repair, and that its adequacy should be periodically reviewed by the Residential Housing Committee and the Corporation.

Insofar as capital expenditures alone are concerned, the eventual construction of additional residential units and a refectory with a capacity equal to that of Sharpe constitute our major recommendations. We are fully mindful that we advance this recommendation at a time when the University's financial resources are subject to a variety of pressing demands, but we feel that the University's future plans must include these. Likewise, if the units constructed are to contribute significantly to the life of the occupants and the purposes of the University, they must not consist of unimaginative buildings filled with rows of monotonous doubles opening into long and equally monotonous corridors. We have argued the advantages of a variety of housing facilities. There appears to us to be a relatively short supply of suites and singles in the existing housing units, and we, therefore, advocate that the projected residences contain these, knowing well that the construction of such units will be more costly than the construction of dormitories consisting mainly of double-rooms.

PROFESSOR ELMER M. BLISTEIN
MR. FOSTER B. DAVIS, JR.
DEAN ROBERT E. HILL
PROFESSOR HENRY KUCERA
PROFESSOR BARRY A. MARKS
JUDGE FRED B. PERKINS
DEAN ROBERT O. SCHULZE
DEAN CHARLES H. WATTS
Chairman, until July, 1962
DEAN ROBERT W. MORSE
Chairman, after July, 1962



MANY BRUNONIANS were among the hundreds who visited the Frank John Prince Laboratory at its first Open House.

The opening of the Prince Lab
prompts a fresh look at

Brown and the Engineer

WIND TUNNEL apparatus is now consolidated in the new lab.



The story behind the grant from the Sloan Foundation

WHEN the Alfred P. Sloan Foundation announced last summer that it was making a grant of one million dollars to Brown University, the award was notable in itself. But there was attendant interest of significance in the statements which the grant prompted from both the Foundation and the University, stressing the intent to strengthen the national base for the education of engineers.

The support offered by the Sloan Foundation involved a million each to Brown, Dartmouth College, Johns Hopkins University, Princeton University, and the University of Rochester. With stress especially on engineering studies at the graduate level, the Foundation said it was concerned with updating and increasing the scientific content of engineering education.

"The Foundation believes there is substantial evidence that here in the United States there is at this moment a special and urgent demand for engineers with a broad base in the sciences," said Alfred P. Sloan, Jr., the Foundation's President. "This means individuals who have had basic engineering training, who have had solid undergraduate courses in the fundamentals of mathematics, physics, and chemistry, and who have also had a substantial amount of graduate training.

Let Them Know of the Opportunities

"It is paradoxically true that, in the face of this well-defined need, engineering registrations have been declining. There is reason to think that this is caused by the fact that high-school students correctly think that science is exciting and glamorous but mistakenly think that engineering is dull and old-fashioned. These students must be led to realize that the combination of science and engineering offers exceedingly great, interesting, and rewarding opportunities. It is true that scientific achievements of a material nature must find their expression in some sort of an engineering concept. Our great technological schools are doing a magnificent job of helping to meet this national need, but the need to expand the national base of training of this sort is clearly evident.

"The Foundation's attack on this problem is to assist the development of advanced engineering training, through the doctorate level, in a limited number and range of institutions. These are institutions which have plans to accelerate the trends which are needed and where engineering is in close relation to excellent departments in the basic sciences as well as all other aspects of a broad education. Institutions have been chosen where distinguished and vigorous leadership has already indicated their own desire to develop the type of engineering education along the lines indicated above. It is our hope that other sources will give substantial further aid to developments of this sort."

The details of the grant to Brown University, as in the other four cases, are being worked out in consultation with the relevant authorities. Money can be used for Faculty support, for physical facilities, for local fellowships, and perhaps for other purposes. In each instance, the Sloan spokesman said, an attempt will be made to have the funds "flexibly adapted to help meet the most critical needs and expended in

general for those purposes which will most effectively aid in developing this advanced training of engineers."

"Highly trained persons have always been in short supply," said Mr. Sloan. "There never are enough individuals of outstanding ability, whose potentialities have been fully released by efficient education and experience. This is probably more true today than it has ever been in the past, for the pace and character of our present-day world and the national demands which extend over our entire planet (not to speak of the demands of space) create unprecedented requirements."

The Alfred P. Sloan Foundation was established by Mr. Sloan in 1934. Primarily a grant-making organization, it allots its funds principally to support education, scientific research, and related activities.

Confidence from a Well-Qualified Judge

President Keeney's comment on the million-dollar award included this statement: "This large grant of the Alfred P. Sloan Foundation will be of enormous help in the development of our program of basic science and engineering. It is, moreover, another expression of confidence in this program by a group well equipped to judge it."

Of particular relevance here, too, is a portion of what Prof. Paul S. Symonds had to say about engineering at Brown at the time of the dedication of the Frank John Prince Engineering Laboratory. (He was Chairman of the Division of Engineering at the time.) "With instruction in the subject here dating from 1849, Brown ranks as a pioneer among American colleges in the teaching of engineering and applied science. After many changes in curriculum and approach, moreover, Brown is still a pioneer in engineering education, offering (as it does) a highly distinctive program of instruction designed to train engineers for the rapidly changing scientific technology of today and tomorrow. This instruction is supported by a strong program of research in the basic engineering sciences."

Professor Symonds said that two features of the new Prince Engineering Laboratory illustrate significant points of the philosophy of engineering education at Brown: "First, the Prince Laboratory is an 'Engineering Laboratory,' not a laboratory for civil, electrical, or some other branch of engineering. The name thus calls attention to the unity of the basic disciplines of engineering science as taught at Brown. Our program provides a solid foundation for future learning, not a completed preparation for professional practice.

"Specialization is deferred to the Senior year—there is just enough of it to qualify our programs in the aerospace, civil, electrical, and mechanical fields for full accreditation by the Engineers Council for Professional Development. While the new Laboratory houses facilities for research in aerodynamics, thermodynamics, structural mechanics, materials science, and electronics, all these are contiguous, interdependent, and co-operating parts of a common enterprise.

"The Prince Laboratory is intended for both teaching and research, and its design emphasizes our conviction that research is done because it is essential for good teaching. All members of the Engineering Faculty divide their energies about equally between teaching and research, and they teach at all levels from the Freshman to special courses for advanced graduate students. Our guiding philosophy, in summary, is that the good teacher of engineering and science must be doing research, and conversely, that research flourishes best in the presence of students at all levels."



OPEN HOUSE IN PRINCE LAB

In offering these photos at the new Brown engineering facility, we would warn that our basis for sampling was the pictorial. The selection may not reflect what an engineer would cite as the most significant. Some demonstrators were students.

AT LEFT: Neutral axis
on beam deflection.

VIBRATIONS provided a demonstration that caught one's interest.





300,000 POUNDS of pressure to produce brittle fracture of a plate.



PROPULSION DEVICE, at left, was for a space project. The plasma pinch engine was designed for satellite propulsion, attitude control, rendezvous, and orbital docking.

The role of a modern lab

WHAT PART does the laboratory play in modern engineering education and research? Some of Brown University's philosophy in this respect was expounded in connection with the dedication of the Frank John Prince Laboratory. A statement by the Division of Engineering, while of special relevance to the professional and student in the engineering field, is of interest to the layman (who, after all, is more and more affected by progress there).

Experimentation, for the engineer, has always been a basic tool, together with the conceptual and analytical tools of pure science and mathematics. The farther removed a new design is from its predecessor, the more reliance an engineer must place on a combination of experimentation and advanced theoretical methods.

This axiom underscores the importance of adequate research and teaching facilities, such as the Prince Laboratory provides, in a modern engineering education. In today's technology, the "predecessor" design may be more than remote: it may be non-existent, as in a space-exploration project. Today, as a result of the revolutionary change in the nature of technological growth that has occurred in the last 20 years, both the experimental and theoretical methods employed by the engineer are at a level of sophistication that would have been hardly conceivable a generation ago.

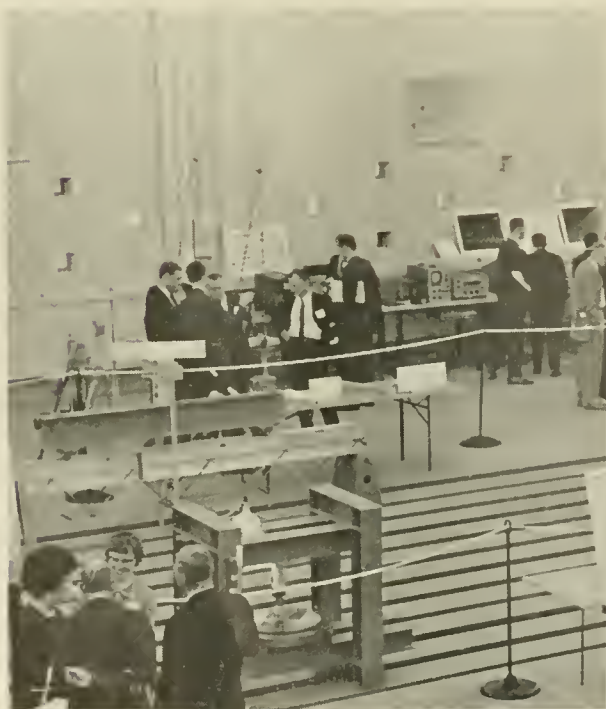
The engineer has always been concerned with applying

methods of experimentation, of pure science and mathematics, to the making of useful devices. Until about a generation ago, however, the pattern of engineering development was so gradual that the knowledge an engineer gained in his student days about the design and operation of machines and devices in his chosen field still stood him in good stead at the end of his career. No longer is this generally true. The revolution of the past generation has been the drastic increase in the speed with which new physical concepts and discoveries are carried on to the creation of useful devices.

For example, steam engines and internal combustion engines developed gradually over a period of more than 100 years after their thermodynamic foundations were laid down (by Carnot) in 1824. Contrast this with the development of transistors, those little gadgets which somehow take the place of radio tubes and are used not only in hearing aids but in artificial satellites and many other devices where space is at a premium. Less than 15 years after the basic physical concepts of the transistor were perceived (by Shockly and Bardeen) in 1948, the industry producing transistors and related semiconductor devices has reached billion-dollar-a-year status.

Development Time Has New Dimensions

And that is not the end of the story. Already on the scene, and growing rapidly, is a new technology ("molecular electronics") of devices that in a few years, in many instances, may well replace both radio tubes and transistors. These "molectronic" devices are thin ribbons or wafers that do the job of whole circuits composed of radio tubes and transistor elements. The saving in space they make possible is phenomenal. A given device, for example, might require 10 cubic inches using radio tubes, or one cubic inch using transistor components. The equivalent device using molecular electronics would require only one 1000th of a cubic inch! And not only will the molectronic device be fantastically smaller: it will



PROMENADE during Open House gave visitors to the Prince Laboratory a "county fair" of exhibits and demonstrations.



HOW TELSTAR WORKS: A student project demonstrated the deflection of radar signals off a "satellite."

also be far more reliable and will consume much less power in operation.

Similar developments have occurred at revolutionary speeds over the whole range of modern engineering. Jet engines provide another prime example: It took only about 10 years from the clear perception of the physical principles to the mass production stage. No mistake, moreover, should be made about the fact that these are engineering accomplishments. A nuclear-powered ship, a world-wide communication system employing artificial satellites, a high-speed data-processing and computing machine, a supersonic jet transport plane—these all require contributions from many fields of science and mathematics. But they are basically examples of modern engineering creativity.

And So Engineering at Brown Keeps Pace

Clearly the role of laboratories in engineering instruction today must be different than it was a generation ago. Then laboratories (and the curriculum in general) were oriented towards contemporary industry. Machines, testing devices, processes, communication and power systems were installed in laboratories to illustrate current practices.

Today the emphasis must be much less on current practice and much more on basic principles. This emphasis is reflected in Brown's curriculum. It seeks to provide a basis for a life-

time of learning by graduates who cannot only keep up with technologies but themselves contribute to technologies of the future that are not even imagined today.

Today's curriculum does not try to package a body of immutable knowledge labelled "engineering science." Rather, it seeks to convey the spirit and concepts of science, together with an appreciation of the special role of the engineer. Its goal is an engineer who depends on basic principles rather than empirical or traditional techniques, who applies modern tools of mathematical analysis and computation and modern methods of laboratory experimentation. This curriculum assumes a continual questioning and re-examining not only of the "standard techniques" of application, but of the "laws of science" themselves. At the same time, the curriculum makes it clear that the engineer's responsibility is to get the job done—within cost limits and on time.

(A few years ago in this magazine, Prof. Ronald F. Probstein spoke eloquently of the "vanishing era of the 5% change." Scientific and engineering progress was today being made in "ecstatic jumps," with the result that engineering now had to adjust itself to such rapid technological developments. Professor Probstein's paper, originally given before the 1958 Advisory Council, appeared in our March issue of that year, if you are challenged to refer back to it after reading the above.—Ed.)



ENGINEERING'S ROLE in modern life was discussed before the dedication audience in the Prince Laboratory. (Photo from balcony.)

Let's pay a visit to the lab

TO KEEP PACE with the swift forward strides of technology in today's world, the key characteristic in the design of a laboratory for today's engineering instruction must be flexibility. This characteristic explains many features which visitors to the Frank John Prince Engineering Laboratory have noticed in the first months of its use at Brown University.

This goal of flexibility guided the Division in planning the Prince Laboratory: The high ceiling clearance of the main floor permits installation of tall apparatus and still allows the overhead crane to serve the entire building. The main floor is a continuous reinforced concrete slab supported on columns rather than girders, making for minimum headroom obstruction in the ground-floor working areas. The great strength of the main-floor slab allows heavy equipment to be placed in the most suitable locations. On both floors there is open space for large installations, combined with smaller rooms for work that requires control of such conditions as light, air temperature, humidity, or cleanness.

Wind Tunnels and Testing Frame

The Laboratory's machines and testing installations also emphasize flexibility of use. Thus, in the Fluid Mechanics Section, instead of a single large and expensive wind tunnel, there are three of relatively modest size and cost. The three together cover the range of air speeds from low ("subsonic,"

the speed of current transport planes) to medium ("transonic" and "supersonic," the speeds of advanced military aircraft) to extremely high ("hypersonic," the speed of a satellite re-entering the atmosphere). Much of the tunnels' value lies in their combined ability to control test conditions over this wide range, with accurate, flexible instrumentation for measurements.

Another example of the Laboratory's flexibility can be found in the Structures and Materials Section. Here, instead of the large testing machine for tension-compression loads of millions of pounds that was popular in laboratories built a few years ago, there is a structural testing frame of relatively low cost and far greater versatility. Structures of all shapes and kinds can be subjected in it, not merely to tension or compression loads, but to complex systems of loads. These loads, moreover, are not limited to static application, but, if desired, can be of a dynamic or impact nature. All that is required for static loads is a number of inexpensive jacks and load measuring and controlling devices.

The rather large and massive design of the structural testing frame will permit several projects to proceed simultaneously. It will also permit fairly large structures to be tested when necessary, not for routine purposes—there will be little, if any, routine testing in the Prince Laboratory—but to satisfy the needs of basic research in this field, an active and varied one at Brown. In research on structures, as in other fields, it is sometimes found that there are important "scale effects"—results obtained from small models cannot be applied directly to large ones, and it is therefore necessary to study both large and small scale models.

The Object of Engineering Instruction

These few examples of design for flexibility illustrate the manner in which versatility and freedom for change were given the strongest possible consideration in design of the Prince Laboratory. The same point of view is reflected in our laboratory instruction methods, the object being not to make the student familiar with the characteristics of representative machines and systems, but, in part, to teach him how to make laboratory measurements and understand what his data mean, and, in part, to give him some first-hand knowledge of the properties of materials. Most importantly, the object of the instruction is to enable the graduate to understand and exploit a combination of laboratory experiment and mathematical and computational methods during his career as an engineer.

It should be pointed out that the Prince Laboratory is intended for specialized activities requiring a relatively large amount of space, and for apparatus requiring noise, vibration, or shock control, load bearing capacity, or shielding against radiation. There are many other types of laboratory work in the Engineering Division for which the Prince Laboratory's special environment is either unnecessary or unsuitable. Most of the Division's electrical engineering research, including work in electronics, communications, electromagnetics, servomechanisms and control, and energy conversion, is in this category, as is also a part of the work in thermodynamics, and most of that in physical metallurgy and the structure and properties of materials.

Laboratories for teaching and research in these and other fields with similar requirements are planned for the prospective Physics and Engineering Building, which will be close to and connected with the Prince Laboratory. The two buildings

A new administration

IN A REORGANIZATION of the Division of Engineering in Brown University, Prof. Paul F. Maeder has been named Chairman of a new Executive Committee that has been given the responsibility for administration. Professor Maeder's Committee takes the place of the Chairman, who for the past three years has been Prof. Paul S. Symonds. Professor Symonds will devote full time to teaching and research.

Other members of the new Executive Committee are Profs. William R. Benford and John J. Gilman and Associate Professors Joseph H. Clarke, Jacques W. Duffy and Edward T. Kornhauser. During the present semester, Associate Prof. Joseph J. Loferski is serving as an acting member of the Committee while Professor Benford is on leave of absence.

The Division has grown very rapidly since the end of World War II and, with approximately 30 Faculty members of professorial rank, is now the largest academic unit within the University in terms of staff. During the past academic year, more than 200 undergraduates were taking courses in engineering. The number of graduate students in engineering has increased during the past 15 years from two or three to about 65, and the Division's annual budget has grown from approximately \$140,000 in 1949-50 to \$1,400,000 this year, a tenfold increase. A considerable portion of the current budget is underwritten by grants and contracts for research projects. These projects are being carried on in a number of buildings, including the new Prince Engineering Laboratory.

Professor Maeder, a native of Switzerland who has been a member of the Brown Faculty since 1947, is a mechanical and aeronautical engineer. He is well known for his experimental and theoretical work in transonic flow. In recent years his interests have shifted to the fields of turbulent flow and magnetohydrodynamics. His activities as a consultant have contributed significantly to the development of industry in the Rhode Island area.

have in fact been planned as complementary units in an integrated Physical Sciences Center.

Each of the laboratory's two floors has approximately 25,000 square feet of gross space. The main, or upper, floor is divided into four major sections. At the east end is the machine shop, with stockroom and foreman's office, where experimental apparatus and equipment for the entire Engineering Division are fabricated.

Take a Walk About the Prince Lab

Adjoining the shop is a four-bay area of approximately 6,500 square feet for research and instruction in structures and materials. A feature of this area is the "structural frame," which, in effect, is a large and versatile testing machine. Anchored to a foundation separate from the one supporting the building, it provides a rigid support for jacks and measuring equipment to load structural members.

Next is the thermodynamics section, an area of about 4,900 square feet to house research in combustion and heat transfer, and such apparatus for student instruction as internal combustion engines, gas turbines and basic scientific apparatus in thermodynamics.

At the west end of the building is the fluid mechanics sec-



SHOCK TUNNEL and its control board held this young visitor's attention in the Frank Jahn Prince Engineering Laboratory.

tion, also of about 4,900 square feet. Installed here, in modified form, is the subsonic wind tunnel that was formerly in the old Engineering Laboratory on Thayer St., as well as the transonic-supersonic wind tunnel that was originally in the Aerodynamics Research Laboratory on the west side of Providence. Also here is Brown's newest facility in fluid mechanics, a shock tunnel in which flows to about 20 times the speed of sound and temperatures of several thousand degrees are created to simulate conditions existing when missiles and very fast craft reenter the atmosphere.

The ground floor, or basement, has at its east end an electrical substation that will, in the near future, be the central point from which all electricity is distributed to the campus. In a room adjacent to the substation—equivalent to the traditional boiler room—is a heat pump, an electrical installation that heats the building in winter and cools it in summer. (This was shown in our July issue.)

Next are several project areas, including a radiation room equipped with a Van de Graaff particle accelerator, a dark-room, a laboratory in which flow phenomena in electrically-conducting media such as sodium potassium alloys are investigated, and a machinery room for the wind tunnels and other heavy equipment planned for the future.

Ingenious Solutions for Certain Problems

The design of a building housing such a variety of activities presented special problems among which were the following:

The spacious main floor had to have a high ceiling to accommodate some of the larger testing machines and to permit "servicing" of the area by an overhead crane. The ceiling height was set at 21 feet. Sound control became a major problem in this large, open area. The solution involved building

the roof in slanted sections rather than as a flat slab. (An incidental dividend is a structure more pleasing to the eye, of course.)

Traffic through the Laboratory was another problem. Students, for instance, must be able to get to their own laboratories. They should be able to see what is going on in the other experimental areas, without disturbing the test apparatus. This problem was solved by installing the gallery along the south side of the building, with stairways providing access to each major area of the main floor. Space directly beneath the gallery has been partitioned to create small project rooms.

The main floor must be very strong to support the heavy machinery installed on it. Strength could have been provided by the use of heavy beams, but the beams would have spoiled the headroom for the ground floor. The decision was to employ a reinforced concrete slab construction for the entire main floor, which leaves a ceiling for the ground floor relatively unencumbered. The slab has been designed to support safely 250 pounds a square foot and to withstand shocks and vibrations caused by the heavy test equipment.

Construction of the Laboratory began in December, 1959, and the Engineering Division began to move in its equipment 13 months later, in January, 1961. At the time of its dedication last May, experimental work was already in progress in some areas. Most of the equipment then in place or installed soon afterward had been employed in other locations at Brown. More has been done since then, and considerable space is still reserved for new equipment that will be acquired during the next few years. A recent decision has been to make use of \$200,000 from the \$1,000,000 grant from the Alfred P. Sloan Foundation for further equipment of this remarkable new facility on College Hill.

Engineering: a community enterprise, too

AN OVERTURE by Brown's Engineering Division to the industrial community near at hand was a notable aspect of the program which marked the dedication of the Frank John Prince Engineering Laboratory earlier in the year. Engineering at Brown, a spokesman suggested, was better known throughout the country and the world than it was in the immediate community.

"Engineering at Brown, as is true of the University in general, is both a global and a community enterprise," said Prof. Paul S. Symonds. "Although most of our undergraduates are Americans, our Visiting Professors, post-doctoral research workers, and graduate students come from many countries of the world. Members of our Faculty contribute to dozens of international conferences; they write papers for technical journals and proceedings of international repute; some are, indeed, editors of these journals.

"At the same time, we have strong and very important ties with the local industrial and economic community. We would like to make these ties even stronger. At present, for example, our staff does far more consulting in California than in Rhode Island, but this is not because we prefer it that way." A main objective of the dedication and open house program for the Prince Laboratory was to foster closer acquaintance between

the Engineering Division and local industry. The overture met with an encouraging response, evidenced at the time and continuing in the months since.

"Such closer acquaintance," said Professor Symonds, "can lead to mutual benefits now and, more importantly, over the long run. We can easily mention services that the Engineering Division can render immediately to local industry. Conversely, there are reciprocal services that might be provided by industry to us." Some of these points were illustrated and developed in the symposia which were part of the dedication.

"For the longer run," Professor Symonds told representatives of New England industry attending the dedication, "it is widely recognized that an essential goal for Rhode Island is the growth of a stronger and more diversified industrial community—a community that includes substantial organizations for engineering research, advanced design, and development in such growing industries as electronics and communications, scientific instruments, new methods of energy conversion, and space exploration. The Engineering Division and the University as a whole recognize that they will share in the benefits that will flow to Rhode Island from such a thriving industrial complex. They are anxious to make their contribution to its realization."

HOW TO BE AN INDIVIDUAL

By BARNABY C. KEENEY

SAYLES HALL was full as the first Convocation of Brown's 199th academic year began on Sept. 17. For the many Freshmen in attendance, it was the initial opportunity to hear their President, and Dr. Keeney addressed himself principally to them. But his message was of interest to all, and will be to alumni as well.

OUR WAYS ARE STRANGE to you, and there will be many things that will puzzle and disturb you, for you have never before entered a university; you have never before really been inside Brown. Your ways are not strange to us: although you have not been Freshmen before, we have had 196 Freshman Classes before you.

You are different from all these previous Freshman Classes because, like them, you are a group of individuals and, like them, you are at the beginning of your higher education. We are familiar with this situation. Nevertheless, we know that you will behave a little differently from any Freshman Class we have seen before.

You wonder, of course, with more or less anxiety what is expected of you.

In some institutions, the Freshmen are expected as quickly as possible to acquire certain habits of dress, certain accents of speech, certain attitudes of mind. Superficially, this is so here. Most of you will wear chinos to class in a little while, whether the weather is appropriate for chinos or not. Most of you will wear dark grey suits when you intend to dress well,

but some of you will not. Most of you will speak and write in a literate manner, but experience tells me that some of you will not. You will more or less have a superficial and a general set of characteristics.

Uncharacteristic Characteristic

Yet, when you leave here, there will be no set of characteristics which will lead people who look at you to say, "This is a Brown man." There may be, however, one trait which is a very uncharacteristic characteristic in our society.

We had on the Brown Campus this past summer a number of alumni who were studying and listening to lectures to refresh their memories and their imaginations. Since I was one of the teachers, I spent a great deal of time with them. As I did so, I was impressed with the differences among them. It was impossible to select any characteristic that would fit them all except that of individuality. Admittedly, this was an unusual group of alumni, for they spent their vacation, or part of it, going to a school which would not procure for them any of the material and social rewards that are usually associated with going to school.

Yet, I think that individuality is a characteristic of Brown men and women. I have probably talked to more alumni of Brown than any living person, and I cannot think of any trait that fits them so well as individuality.

How does one become an individualist? There is a very easy way, and some of you will follow it. Grow a beard. Stop washing your body and your clothes. Announce a noisy espousal of certain unpopular causes. If you are at a loss for a cause, read a little Voltaire or Tom Paine. They wrote 200 years ago, and most of the things they advocated have been accepted. But each had a way of advocating things calculated to incite resistance rather than acceptance: some of the things they advocated are still unpopular. Adopt their manner of writing and speaking, disarray your person, and come out for Castro or (better yet) Khrushchev, and you will be an individual in three easy lessons.

The Pressures Are Toward Conformity

Now the hard way of behaving as an individualist is quite different: First, you must consider each question on its merits, stripping aside your preconceptions and getting at the facts. Then you must reach a conclusion as to the answer to the question. You must shape your conduct accordingly, and test the conclusion. The most difficult thing to learn in this procedure is admitting that you may be wrong. It is easier for old people than for the young, because they have had more practice at being wrong.

Whether you adopt the hard way or the easy way of being an individualist, you will not increase your popularity, not even here on the Campus. Since the pressure of society is toward conformity, this is nothing new, although one might think so from reading superficial analyses of the situation written by authors whose ignorance of history is exceeded only by their enthusiasm.

Pressure for conformity is as old as the first cavewoman trying to teach her suckling brat to behave as a caveman should. You have all faced it at home, where the effort to teach decent behavior and manners almost always goes beyond these matters into the whole realm of thought and conduct. You have faced it at church and in synagogue, where heresy has never been and never can be popular. You have faced it in school, where the pressure of students toward

certain patterns of behavior is far stronger than the pressure of the Faculty.

You face it from your contemporaries, from your elders inside and outside your family, and you will continue to when you leave here. You face it in politics, where the two great parties now try to capture the affection of a like-thinking populace so that their platforms are very much alike. You face it particularly in mass marketing, which is a relatively new phenomenon. The things which are available to you to buy, if you are a person of average means, are very much like the things available to every other person of average means from Boston to San Francisco, because people who sell things wish to sell a lot of them and they wish to appeal to a lot of people. Go to a supermarket and try to find a russet apple (some of you will not have heard of a russet apple) or try to find a loaf of bread that is bread and not inferior foam rubber. Go to a haberdasher and try to buy a five-button suit—or even a three-button suit, in a year when two-button suits are the thing.

The Student Who Thinks for Himself

As you study here, you will be under considerable pressure to believe what the book or the Professor says. Your assumption will be that the Professor is right and the book is right. Well, since most of you want to do well, you had better read the book and listen to what the Professor has to say. But some of you will discover something as you go along: Although both the Professor and the author of the book have made a sincere and strenuous effort to be right, both know very well that they may be wrong, and remember that they have been wrong many times.

A few of you will find out that what really delights a Professor is a student who thinks for himself—not on the basis of thin nothings but on the basis of careful study of evidence and the development of conclusions.

The way to do this is to study the sources, whether they be printed sources or material in a laboratory. What do the sources mean? What were they meant to mean by the person who arranged or composed them? What do they mean to you? If you are studying the dialogues of Plato, it is essential that you know what Plato said. But, after that, it is just as important for you to study the implications of what Plato said for your own conduct and thought.

You will be under certain pressures on the Campus outside of your studies. The upperclassmen will expect you to like some things. Some will expect you to like parties. Some of them will expect you to like studies. They will expect you to dislike other things. You must learn very quickly to dislike the food and the architecture. Here I must warn you that it requires great versatility to dislike all the architecture at Brown, but it can be done if you work at it.

Some upperclassmen will expect you to dislike enthusiasm—enthusiasm for ideas, enthusiasm for athletics, enthusiasm for extracurricular activities. You must be cool. These pressures to like and dislike will follow you throughout your lives wherever you go, whatever you do. You must learn either to accept or to resist.

Society's Pressures on the University

The University itself is subject to pressures to conform. There is scarcely a day when I am not written to or told that members of the Faculty and student body should think this way or that way, or should not advocate this or that.

The University is constantly asked to take institutional po-

sitions, usually in favor of the *status quo*. Those universities which are strong have resisted these pressures, and those which are meretricious have not; and yet the very society which exerts the pressures supports the bold universities more than the plastic ones. Why? Because the society and the individuals in it recognize, willingly or unwillingly, the contribution of free, original, and courageous thought and action.

Suppose that all persons in our society were individualists and that none were conformists. What would society be like? I suppose that the closest that you could come to such a situation is in the Faculty of a university where individualists tend to collect and, indeed, are sought out.

In the same Alumni College of which I spoke, five members of the Brown Faculty taught one course together. The subject was the same, we knew each other well and had been together in some cases as long as 16 years. Yet, we did not agree in our approach to the problem of the course or in our presentation of material or in our discussion of the issues. We made no bones about our disagreement.

Yet, as the course went on, the alumni realized that we had worked very closely together, that we knew about what each other thought, that we respected the difference, and that we recognized that answers to the problems might come from any of us or from a combination of all of us, or not at all.

How to Make the Greatest Contribution

This is what a society of constructive individuals would be like, for the individual participates in the making of the decision of the group, accepts it when it is made, and works for it. The unconstructive individual who opposes all that is accepted can be the most complete loss to society, whereas the one who thinks, presents his thoughts, and then accepts the decision and works for it can be the greatest contributor.

You will hear a great deal this year about the crises under which American society labors today. We have an international problem, we have the problem of whether or not we wish to continue to survive in such a way that we remain the sort of society we are and wish to be. We have problems of production, of labor, of money and its distribution. We have a very serious problem of the use of knowledge.

The University has its difficulties, too, though I should not like to call them crises. We are constantly studying our direction, our scope, our means, and our attitudes. We are constantly in danger of taking a wrong step or of not taking the right step, or of failing in any of these. The fact of the matter is that all good things are in a continuous state of danger. We must live as if they were.

The College in the University of which you are members is in one sense intended as a frame within which you can work out your personal problems, of which I know you have many. It is intended as a resource to provide you with the means to acquire knowledge and understanding to solve them. It is intended to provide you with an environment in which to try out your solutions and to learn two things of equal importance: how to be right and how to be wrong. The success of your years here will depend upon your use of this framework, this resource, this environment. It will depend upon your vigor in attacking your problems and upon your curiosity in seeking them out, and ultimately upon the diligence with which you work.

All these things require a great deal of effort, perhaps as much effort as you will ever spend. The Faculty cannot do things for you. The Faculty can help you do them.

A friendly, hopeful Africa

By LEONARD F. WILLEMS '62

THE AUTHOR and his wife were among five Brown and Pembroke students who went last summer to various parts of Africa with "Operations Crossroads Africa." Mr. and Mrs. Willems were members of a group that cleared a road and taught in a new secondary school for boys outside of Salisbury, Southern Rhodesia. Among Brunonians they encountered there were Richard Erstein '35 of the USIA in Salisbury and Prof. J. Saunders Redding '28, who was at the University there during a six-month lecture tour under the auspices of the American Society of African Culture.

Other Brunonians who devoted their summer to Operations Crossroads were John Michael Jupin '64, who went to Ghana; William Wood '62, who worked in Egypt; and Helen Garretson, Pembroke '62, who was assigned to a project in Kenya. Mrs. Willems is the former Jane Sisk, daughter of the late James B. Sisk, Jr., '31 and Mary Diener Sisk, Pembroke '30. Willems is in the Westerly office of the Providence Journal.

Operations Crossroads Africa is a private foundation, with headquarters at 150 5th Avenue, New York City. Every summer it sends groups of young Americans to Africa to live and work with the people. This past summer the foundation sent 297 persons in 23 groups to 18 different countries.

THE AUTHOR on a visit to a native home.





"PLEASE," said Willems, "don't show a thatched hut unless you also use a photo of modern Salisbury by way of balance."

IN THE MINDS of the emerging black Africans of Southern Rhodesia the "American image" is far from "Ugly." In spite of the racial tension in Southern Rhodesia, which is currently accentuated by the efforts of the black Africans to acquire political control from the white settler "European" minority, the Africans are almost unanimously friendly and receptive to Americans of all races.

During our two months in Southern Rhodesia with Operations Crossroads Africa we met hundreds of prominent and ordinary Africans, in the villages, towns, African buses, African cafes, markets, African schools and private homes. We were always received with warm hospitality.

Most of the Africans we met went out of their way to tell us how glad they were to have us visit the African parts of their segregated country, and many made a point of telling us that they regarded our country as friendly to the Africans' aspirations. Several individuals urged us to do what we could when we returned home to get our government to intervene actively on their behalf.

In spite of the rather extensive coverage of American racial problems in the African and European press, the African man-in-the-street in Southern Rhodesia seems to have little real knowledge of racial discrimination in America. He is prone to have an idealized idea of life in America; it is one that could prove to be very vulnerable to hostile propagandists in the future.

The African intelligentsia, of course, have a more realistic concept of America. They tend to be more reserved in their admiration. They are well informed about racial prejudice in the United States, but they realize that many white Americans

are concerned about it, and they admit that the Americans are making progress. The African intelligentsia are quick to point out that in the U. S. the Federal Government is working to abolish segregation, while in Southern Rhodesia, they say, the Government is working to uphold it.

The attitude of the leadership of the African nationalist political movement is hard to assess. It could shift radically with changes in the leadership that might result from the turmoil caused by the banning, on September 20, of the African nationalist party by the Southern Rhodesia government.

Joshua Nkomo, who was the leader of the party when it was banned, seemed well disposed towards visiting Americans and the United States in general, but he criticized American policies. He said the American Government did too little to support the Africans, asserting that the U. S. indirectly contributed to the status quo in Southern Rhodesia through NATO and the Anglo-American alliance. During a meeting in August with our group, Nkomo predicted that his party would be banned, and he told us that it would do "no good" for the U. S. "to come around with a loan when things are settled." "We need help and we need it now!" he said. "Later it may be too late."

Some of the lower-ranking officials in the nationalist party were rabidly anti-American. Indeed, the reception room of the party's headquarters in Salisbury displayed a large map of American "imperialistic" activities that had been sent to the party by the Chinese Reds. In August the rabid anti-Americans were regarded as extremists by most of their colleagues, but, of course, future events might make the extremists of today the leaders of tomorrow.



On the white side of the colour bar in Southern Rhodesia anti-Americanism is a cult. Most Rhodesian Europeans are bitterly resentful of American policy in Africa. In contrast to Nkomo's criticisms, the Europeans assert that the American Government has fostered and encouraged African nationalism to sweep across the continent; they feel that their nation, their way of life, and everything the white man has accomplished in Africa has been sacrificed for the sake of a Cold War popularity contest for Afro-Asian support. The Europeans claim that if the Africans take over the government in the near future, Southern Rhodesia will become an economic wasteland and a political Congo, and the Europeans will be driven or harassed out of the country.

In spite of their undisguised anti-American feelings, many conservative Europeans entertained our group socially, and had all of us, including the Negroes among us, in their homes.

There is a small liberal minority among the Europeans which is more receptive to the idea of turning political control over to the Africans. This group, which contains a large share of the country's intellectuals, is quite pro-American, even though it indulges in all the clichés about American mass culture that are popular among British intellectuals. The liberal group looks to America for tactical ways to break down the colour bar. Dr. Terry Ranger, a university Professor who is sort of a white Martin Luther King, used American sit-in methods with some success in Salisbury, and the liberals cited American judicial decisions during the legal proceedings that arose from the integration efforts.

The sad history of American racial discrimination does not preclude American influence in Rhodesia. Our long struggle for social justice is a social revolution, which can be the basis of a comradeship with other peoples with similar problems. Just as the Soviets have benefited materially by using what America has developed technologically, the Rhodesians can benefit from what we have learned sociologically. They can profit from America's painful experience, be they black or white, liberal or conservative.

SALISBURY is Southern Rhodesia's boost. In other areas there is work to be done, and the students could help.



1966

For Whom the Gates Opened

By EDWARD G. HAIL '49

Admission Officer

ONCE AGAIN the Van Wickle Gates opened in September—opened inward to admit a new Freshman Class to Brown, the Class of 1966. As an alumnus who entered those gates in 1945 as an immediate post-war student, I find one statistic about this new group of young men that is of interest and hopefully augurs the beginning of a new and lasting era: For the first time since World War II, there are no Veterans in the Freshman Class at Brown.

Students now make the normal transition from secondary school to college. You will no longer find young men older than their years. You will no longer find Class spirit handicapped because new students were entering every semester, with no one knowing for sure what Class he was in. You won't find students whose age, experience, and background are related to the grim realities of their immediate past being taught by instructors in some instances younger than they. Gone are many of the other factors, both hidden and observable, that created the special situations of student veterans returning to the classroom.

Things are pretty much what you might hope for and expect of a new Freshman Class at Brown: bright, young faces from 39 States and 10 foreign countries—each man with energy and a little apprehension, perhaps, about adjusting to the new way of life and the new intellectual and social community.

As you might further hope and expect in the present competition, the Class of 1966 has been the most highly selected to date. In accepting this group of 658 Freshmen, the Board of Admission placed special emphasis on subjective areas: personal qualifications, special strengths or skills in the academic or personal area, and those who could be predicted to respect Brown and their experience here. The Board of Admission took those who really wanted Brown. Charles H. Doebler, Director of Admission, believes that this policy has produced a healthier state of morale and that the College is better for it. He points out that this most rigorous selectivity, combined with a broadened geographical distribution, was accomplished without impairing the quality of the Class. The number of students whose ability is in the highest brackets, on the other hand, has increased each year.

Apropos of greater geographical distribution, Doebler says: "It seems apparent this year that the quality of the candidates from areas other than New England has been strong enough to change the distribution discernibly. On the assumption that such a change reflects a wider knowledge of Brown, a wider respect for Brown, it is good news, indeed."

Another noticeable change in this Class of 1966 is the number of alumni sons. The percentage has increased considerably in the last five years. Moreover, since we are not yet getting applications from the larger post-war age groups, the

full impact on future admission has not yet been felt. At present, the acceptance rate for sons of alumni is 69% as against 37% for other applicants. If the same standards are maintained, the percentage of alumni sons in the entering Class (this year it was 13.1%) will almost certainly rise. This should be good news for alumni and their offspring. But bear in mind, Sons of Brown, your progeny must be academically qualified to do the work; they must be able to meet the rising competition before they will be admitted.

In the process of developing the new Class, Admission Officers visited 288 schools in the United States and Canada last year. In addition, they interviewed 1902 Sub-Freshmen on the Brown Campus and provided 509 tours for more than 1250 secondary school students and their parents. The Admission Office sent out about 10,000 forms, of which 3500 were used in making the complete, final applications. After careful screening and consideration, 1100 acceptances were made. With the anticipated number of withdrawals, Brown had 658 new students enter in September.

The representation of States and foreign lands continues to show the increase of the past two years. In addition to the 39 States (and, inevitably, the District of Columbia), there were 10 foreign countries: Brazil, Greece, Canada, Free China, Nigeria, Sweden, Switzerland, West Germany, Iran, and Italy.

The median age level of the new Class is 18 years, one month. The ages range from 16 to 22 years, a far cry from the 18-to-31-year range of the veteran Classes immediately after World War II.

Further investigation shows a fairly consistent distribution of degree candidates in the new Class: A.B. 507, Sc.B. in Engineering 80, Sc.B. in Chemistry 20, Sc.B. in Physics 31, Sc.B. in Applied Mathematics 15, Sc.B. in Biology 5. The figure for 151 Sc.B. candidates includes 39 men who are candidates for both the A.B. and Sc.B. under the five-year program. There are 120 who combine the Bachelor's degree with a Master's hope in another five-year program, now integrated.

The number of final applications voted on by the Admission Office indicates that there should be no great concern over the quantity interest in Brown. But the Admission Office is concerned with the quality interest. This concern will continue, despite the expectation of an increase in the number of applications for the years ahead. With the continued active assistance of alumni, we are constantly seeking out what we hope is the ideal Brown man from the mass of college-bound students. This is as it should be. It is the inexorable policy which has made and will continue to make Brown a great institution.

Yes, things are what you might expect and hope for in a Freshman Class 17 years after the last World War. The selectivity is greater, the standards are higher, and the academic and personal qualifications of the students are vastly improved. With these improvements and the normal transition of secondary school students to college, things should be back to normal—but are they?

We are beginning to experience the first wave of the post-war "baby boom." Applications to Brown should rise even further, since the number of high school Seniors is markedly greater across the country. We have reached a new era. But, despite all the fast-moving changes and the population explosion, the new Freshmen are, man for man, pretty much what they have always been—back when the Van Wickle Gates were opened inward for you and me.



It Runs in the Family

EACH FALL, we run a picture of the entering Freshmen who are sons of Brown men. Despite a hectic Freshman Week schedule, all but 9 of the 84 first-year men were on hand for the 1962 group photo. We share the disappointment of the absentees' fathers.

Those present, all Class of 1966: Front row, left to right—Crowe, Neal, Weatherby, Kantrowitz, Seegal, Paine, Freeman, Simon, Wilder. 2nd row—Payton, Lyman, Elton, Cimorelli, Weisman, Shein, Hayes, Manchester, Eberhart, MacDonald, Day. 3rd row—McOsker, Schermerhorn, Koster, Pass, Smith, Clavette, Given, Kops, Daly, Smith, Jeffris, Femino. 4th row—Harrington, Greene, DeLuca, Tukey, Brush, Hurley, Furber, Shapiro, Karg, Mullen, Eaton, Bernardo. 5th row—Armstrong, Williams, McGuire, Gleeson, Burgess, Clements, Brown, LoLordo, Wilcox, Neidlinger, Arnold, Caspar, Padden, Jerrett, Vito, unidentified. 6th row—Dyer, Savignano, McNeil, Barry, Adcock, unidentified, Latita, Cantor, VanDerzee, Minuta, Nowack, Keegan, Kennedy, Lagon, Jameson, Jones, Shaw, Buonanno.

<i>Father's Name</i>	<i>Class</i>	<i>Home Town</i>	<i>Son's Name</i>
Bruce M. Jeffris	1917	Janesville, Wis.	Thomas M. Jeffris
Bernard H. Payton	1923	New Rochelle, N. Y.	Paul H. D. Payton
John R. Lyman	1924	Greenville, S. C.	Morgan C. D. Dyer (Step-son)
Ernest L. Shein	1925	Providence	Edward L. Shein
Malcolm Smith	1925	New York, N. Y.	Malcolm Smith, Jr.
John C. McOsker	1926	Providence	David J. McOsker
Ralph S. Kantrowitz	1927	Fairfield, Conn.	Jonathan D. Kantrowitz
Herbert W. Karg	1928	S. Orange, N. J.	Herbert W. Karg, Jr.
Aaron E. Nowack	1928	Salem, Ore.	William J. Nowack
James Cantor	1929	Lowell, Mass.	Ethan J. Cantor
Dr. Gustave Freeman	1929	Palo Alto, Calif.	Robin M. Freeman
Nathan E. Pass	1929	Riverside, R. I.	Robert N. Pass
Raymond B. Weatherby	1929	Summit, N. J.	John M. Weatherby
Dr. Lloyd M. Wilcox	1929	Terryville, Conn.	Gilbert M. Wilcox
Nicholas E. Cimorelli	1930	Cranston, R. I.	Ernest T. Cimorelli
Charles E. Paine	1930	Warwick, R. I.	Charles W. Paine
Jacob Seegal	1930	Middletown, R. I.	Richard F. Seegal
Bernard V. Buonanno	1931	Providence	Vincent F. Buonanno
Carl M. Caspar	1931	Exeter, N. H.	Carl M. Caspar, Jr.
Dr. M. Walter Paydos	1931	N. Attleboro, Mass.	Ronald D. Clavette
Lt. Col. E. B. Williams, Jr.	1931	Orlando, Fla.	Stephen C. Williams
Dr. Richard D. Femino	1932	N. Providence	Richard A. Femino
Paul F. Gleeson	1932	W. Warwick, R. I.	Paul F. Gleeson, Jr.
Vincent S. LoLordo	1932	Palisades Park, N. J.	Ronald V. LoLordo
August O. Neidlinger	1932	Westbrook, Conn.	Peter A. Neidlinger
Morton J. Simon	1932	Elkins Park, Pa.	Morton J. Simon, Jr.
S. Vint Van Derzee	1932	Selkirk, N. Y.	Pieter S. Van Derzee
Dr. A. M. Burgess, Jr.	1933	Providence	Edward T. Burgess
George K. Eaton	1933	Amherst, N. H.	J. Roderick Eaton
Roger D. Elton	1933	Glen Head, N. Y.	R. David Elton
Dr. Leo W. Koster	1933	New Haven, Conn.	James W. Koster
Arnold Tulp	1933	Rumson, N. J.	John S. Tulp
Christopher L. Crowe	1934	Catskill, N. Y.	Christopher V. Crowe
Richard S. Kops	1934	Scarsdale, N. Y.	Richard S. Kops, Jr.
Ernest J. Savignano	1934	Seekonk, Mass.	David F. Savignano
Edwin J. Schermerhorn	1934	Tulsa, Okla.	David R. Schermerhorn
Duty W. Greene	1935	Asheville, N. C.	Duty D. Greene
John H. Jameson, Jr.*	1935	Toledo, O.	John H. Jameson, III
Robert Jerrett, Jr.	1935	Summit, N. J.	David H. Jerrett

<i>Father's Name</i>	<i>Class</i>	<i>Home Town</i>	<i>Son's Name</i>
Edwin J. Lyman	1935	Ashby, Mass.	Robert C. Lyman
Dr. Alec R. Shapiro	1935	New London, Conn.	Peter A. Shapiro
Richard S. Shaw	1935	Springfield, Vt.	Richard M. Shaw
Arthur L. Spencer (G)	1935	Reading, Mass.	Arthur L. Spencer, Jr.
Rupert S. Stern	1935	Chappaqua, N. Y.	Philip S. Stern
Israel Weisman	1935	Worcester, Mass.	Barry L. Weisman
Fred A. Barry	1936	Providence	Philip M. Barry
Conrad E. Green	1936	E. Greenwich, R. I.	Burges M. Green
Edmond A. Neal	1936	Warwick, R. I.	Kenneth R. Neal
Paul F. Clements	1937	Robbinsdale, Minn.	Paul F. Clements, Jr.
John W. Manchester	1937	Westboro, Mass.	Robert E. Manchester
Clifford W. McGuire	1937	W. Hartford, Conn.	Philip L. McGuire
Robert L. Brush	1938	Ridgewood, N. J.	Peter N. Brush
Gordon T. Colley	1938	Honolulu, Hawaii	Robert G. Colley
James F. Keegan	1938	Providence	Peter W. Keegan
William Bacon	1939	Woodbury, Conn.	William Bacon, Jr.
Dr. Mahlon M. Day (G)	1939	Urbana, Ill.	George H. Day
James C. Given, Jr.	1939	Chatham, N. J.	John C. Given
Louis J. Kennedy	1939	Shelton, Conn.	Louis J. Kennedy, Jr.
Ralph J. Lotito	1939	Providence	Ralph J. Lotito, Jr.
Thomas F. Minuto	1939	Waterbury, Conn.	James T. Minuto
Frederick D. Brown*	1940	Youngstown, O.	Peter D. Brown
Daniel W. Daly, II	1940	Bradford, Pa.	David J. Daly
John B. LeLuca	1940	Framingham, Mass.	Robert J. DeLuca
Joseph P. Gerace	1940	Falmouth, Mass.	Richard M. Gerace
Dr. W. James MacDonald	1940	Rumford, R. I.	William J. MacDonald, Jr.
Donald S. McNeil	1940	Wellesley, Mass.	Andrew M. McNeil
William B. Mullen	1940	Vestal, N. Y.	W. Farel Mullen
Robert I. Smith	1940	Livingston, N. J.	Peter C. Smith
Earl W. Harrington, Jr.	1941	Edgewood, R. I.	Earl W. Harrington, III
John A. Padden, Jr.	1941	Garden City, N. Y.	J. Andrew Padden, III
Dr. Aldo S. Bernardo	1942	Johnson City, N. Y.	Donald S. Bernardo
Morton D. Furber	1942	Melrose, Mass.	Lee B. Furber
Henry W. Hayes	1942	Springfield, Mass.	Jeffrey V. L. Hayes
Alexander L. Logan	1942	Westfield, N. J.	Kent A. Logan
William P. Tukey	1942	Williamstown, Mass.	Paul M. Tukey
Ralph G. Arnold	1943	Manchester, Mass.	Peter S. Arnold
Paul P. Eberhart (G)	1943	Topeka, Kan.	Allan R. Eberhart
Kenneth E. Morse	1944	Seekonk, Mass.	Robert E. Morse
Willis A. Adcock (G)	1948	Dallas, Tex.	William J. Adcock
Wentworth Wilder, Jr.	1948	N. Kingstown, R. I.	John W. Wilder
Thomas P. Hurley	1949	Pownal, Vt.	Stephen P. Hurley
Rolland H. Jones	1949	E. Greenwich, R. I.	Rolland H. Jones, Jr.
Dr. Louis Vito	1949	Providence	Louis Vito, Jr.
Ronald S. Brand (G)	1960	Eastford, Conn.	Thomas S. Brand

* Deceased. (G) Graduate School.

Alumni and Admissions

JAMES R. GORHAM '54 has taken on additional duties as Director of the Brown University Alumni Secondary School Program; he will continue his present duties as Associate Alumni Executive Officer.

Inaugurated three years ago, the program is designed to further the awareness of Brown among the students of secondary schools throughout the country. Gorham will coordinate the efforts of presently existing alumni committees and establish additional groups in support of the growing program. Working closely with the Brown Admission staff, he will travel extensively, talking with headmasters and guidance teachers as well as prospective applicants. "I provide a kind of continuity for the program, but the alumni themselves determine its success," Gorham says. "We need the Clubs' continued backing to keep this a strong and workable program."

As an undergraduate, Gorham partici-

pated in Varsity football and baseball, took part in fraternity activities, and was a Class Officer and a member of the Brown Key. Following graduation, he was involved in Brown Club activities in Hartford, Detroit, and Pittsburgh, serving as Chairman of the Secondary School Committee and as a Club Officer in the latter city. He returned to Brown as a Development Officer in 1960 and was named Associate Alumni Secretary in 1961.

The Admission Office at Brown has added two new members to its staff. Edward G. Hail '49 is the former Manager of the Rhode Island Philharmonic Orchestra. Barrie G. Phelps '58 taught at the Landon School in Maryland before completing his duty as an Army reservist.

Thomas G. Caswell '60, former member of the Admission staff, has moved to Wayzata, Minn. He is in the insurance business in Minneapolis, with the Caswell Ross Agency.

Pembroke Daughters

SEVENTEEN of the Pembroke Freshmen in the Class of 1966 are daughters of Brown men, according to a list thoughtfully provided by the Pembroke Admission Office. The names of the girls follow:

Jane U. Addelson, daughter of Herbert L. Addelson '34; Linda Joyce Bedrick, daughter of Morton Bedrick '39; Lydia R. Briggs, daughter of Lloyd Briggs '31; Martha Peace Burgess, daughter of Dr. Samuel B. Burgess '38; Mary Lou Davis, daughter of Thomas F. Davis '37; Donna Drew, daughter of Arthur W. Drew, Jr., '43; Frances Harkness, daughter of Albert Harkness, Jr., Ph.D. '49; Margaret K. Hayes, daughter of Kenyon Hayes '38; Ann E. Honan, daughter of Frank Honan '21.

Also, Mallory S. Hoover, daughter of Gilbert C. Hoover, Jr., '46; Eleanor Gear Huddle, daughter of Franklin P. Huddle '35; Prudence Marie Licato, daughter of Alfred Licato '36; Lois Ann Lieberman, daughter of Philip Lieberman '31; Kathleen M. McCarten, daughter of Joseph C. McCarten '55; Virginia Anne Perkins, daughter of Van Edwards Perkins '35; Marilyn Phillips, daughter of Herbert S. Phillips '34; Meryl Smith, daughter of Archie Smith '29 and granddaughter of the late Joshua Bell '11.

Miss Harkness is the granddaughter of Albert Harkness '09. She is also the direct descendant of two distinguished members of the Brown Faculty: Prof. Albert Granger Harkness '79 and Prof. Albert Harkness, honorary '69. Prof. Frederick P. Gorham '93 was the grandfather of Miss Phillips.

1918 Letterhead

BROWN IN THE WAR," said the stationery of the War Emergency Fund of Brown University in 1918, which Walter Adler '18 has sent to Archives. "The Campus is an armed camp," said the letterhead. "The dormitories are barracks. 1000 Brown men are 'over there,' 400 more are in war work, 700 students are in the SATC or Naval Unit.

"All non-essentials have been cut out, yet this year's deficit will be \$150,000. Our Alma Mater depends on her sons to meet it. Make your money count twice—for Brown and Country. Honor the Gold Stars on the Brown Service Flag. 'There shall be no deficit.' Brown will be a factor in the days of Reconstruction that are already here."

Walter C. Wyckoff '95 of New York was National Chairman, with a committee that included Ira Barrows '83, Paul C. DeWolf '05, Edwin Farnham Greene '01, Solon C. Kelley '86, George F. Bean '81, and Arthur W. Pinkham '02, and Treasurer Cornelius S. Sweetland '66.

Adler, who was in service, represented the youngest alumni Class as Class Agent and attended the kick-off dinner at the University Club in Providence in uniform. Dr. W. W. Keen 1859, who had been a surgeon in the Civil War, was the "oldest soldier" present.



NEW STUDENTS and their fathers were guests of the Chicago Brown Club at its annual Send-Off Luncheon in September. One of the first to greet the Freshmen was Trustee John J. Monk '24, left, with Danold K. Warfield, Jr., and Brian L. Carr, both of Winnetka. The head table group at the right



includes (l-r): Trustee Otto Kerner '30, Governor of Illinois; Club President Alexander B. Maley '27; Warren Smith '32, standing; and Dr. Gordon Michalson. Dr. Michalson, President of MacMurray College, was the principal speaker at the luncheon.

The Brown Clubs Report

New York's Vitality

WITH AN ACCELERATED PROGRAM of activity designed to make full use of the spanking new quarters at 4 West 43rd St., the New York Brown Club has launched its second year in that location. The expanded facilities, catering to the social and athletic needs of an enlarged membership, are in use from noon to late in the evening.

Weston M. Stuart '27, a resident of Tenafly, N. J., is devoting a major portion of his time to supervising the Club. A former member of the legal department at Equitable Life Assurance Society of New York as well as a former Vice-President of R. M. Frost Associates, investment counsellors, Wes is well endowed to lead the Manhattan contingent of Brunonians to new levels of importance in college club circles. In addition to his responsibilities at the Club, our new President is a Director of the American Progressive Health Insurance Co. and Treasurer of the Clarke Foundation.

Committee activity has become an integral part of the daily calendar and promises to enroll a major portion of the Club personnel. The following Committee assignments have been announced by President Stuart: Activities—Art Thebado '51; Finance—Bill Lyon '29; Admissions-Membership—Bob Berry '44; House—Charles E. Hughes '37, Law—Winthrop R. Munyan '42; Public Relations—Bob Cronan

'31; Scholarship—Louis B. Palmer '28; Secondary Schools—John Wilson '44.

These men, with Committee assistants ranging from five to 12 in each case, will augment the Board of Governors of 18 members and the following officers, in addition to President Stuart: Vice-Presidents—Bob Berry '44 and Herb Silverson '31;



WESTON M. STUART '27, new President of the Brown University Club in New York.

Secretary—John Flemming '33; Treasurer—Harvey Spear '42.

Almost 100 members of the Class of '66, many of them with their fathers, were the guests of the Club at the annual Sub-Freshmen Dinner in September. The large turn-out for the 16th annual pre-college function was treated to first-hand impressions of two undergraduates and the post-college reflections of former football captain, Jack Rohrbach '62.

A feature of the Sub-Freshmen Dinner was the introduction of Mario J. Kujawski as the newest New York Brown Club scholar. The graduate of the New York High School of Music and Art was selected by Ralph C. Tanner '36 of the Scholarship Committee. The Club is currently contributing \$1,500 in the form of scholarship aid to the University through the generosity of its members.

One of the most active social programs in years was inaugurated with the direct line broadcast of the Brown-Colgate game Sept. 22. Art Thebado '51 arranged for a play-by-play projection of the gridiron encounter, with explanatory comments by a group of football experts. Members of the New York Colgate Club mingled with the Brunonians for this occasion. They came in happy and confident but left shaking their heads as the Bruins held on the one-yard line with a minute to play and defeated the Red Raiders, 6-2.

Open-House festivities followed the Columbia game Sept. 29, and an informal dance was planned for the Club on the eve of the Princeton game, Nov. 2. Also scheduled for the immediate future is a Football Smoker on Friday, Nov. 30, and the traditional festive Christmas Party on Wednesday, Dec. 19.

JOHN FLEMMING '33

Does R. I. Want a Clubhouse?

THE BROWN CLUB of Rhode Island is distributing a pilot poll to a random selection of 1,000 alumni and Pembroke alumnae in the R. I. and Southern Massachusetts area, as well as members of the Faculty and Administration, to feel out the sentiment on the possible purchase of permanent headquarters for the Club. Heading the committee conducting the poll is Alex DiMartino '29.

Last spring, the Club looked into the possibility of buying the Plantations Club in downtown Providence, with the Executive Committee approving the move by an 18-2 vote. Complications developed and ruled out hopes for that specific piece of property, but DiMartino's committee remained active. It includes: Dave Meehan '48, Matt Ward '35, Jay Barry '50, and John Bateman '46.

President Ed Kiely '50 believes that the acquisition of a clubhouse could be the turning point in the Club's history. "For many members," he said, "we have been for too many years a Club in name only. With a clubhouse as our focal point of activity, we could finally offer something tangible to our entire membership. Also, a clubhouse here could easily become the headquarters for all Brown alumni when they are in town. I think in this area, too, we would be providing a definite service to the University."

Questions on the poll ask: "Should the Brown Club of Rhode Island have a permanent headquarters?" "If so, should headquarters be near the Campus or in the downtown area?" "If you are not now a member of the Club, would you join if permanent headquarters were available?" "Would Pembroke desire quarters in the clubhouse?" "Would you support the following facilities: lunch, dinner, men's bar, cocktail lounge, squash, meeting rooms, accommodations for overnight guests?"

Alumni in the local area who do not get a copy of the pilot poll but who wish to reply to these questions have been invited to do so by Chairman DiMartino. Answers should be sent to BOX 1854, Brown University, Providence.

Chicago's New Slate

ALEXANDER B. MALEY '27, President of Hypo Chemical Corp., 919 N. Michigan Ave., was elected President of the Chicago Brown Club July 27 at the 30th annual Golf Tournament and Field Day. Serving with him are the following: Vice-Presidents—William M. Kaiser, Jr., '43 and Richard P. Robb '51; Secretary—Eugene E. White '51; Treasurer—George O. Podd, Jr., '51.

Bill Kaiser and Al Kerr were Chairmen of the event, which was held at the Shoreacres Club. Governor Otto Kerner '30 was on hand to match scores with his fellow alumni. James Palmer '19, Abbott Brown '26, and Jack Monk '24. Arranging the foursomes were Norm Pierce '33 and Warren Smith '32. That evening, the Bob Buckleys opened their Pine Knoll Estate for a barbecue dinner, an affair that included this year the Pembroke alumnae

and their husbands. Following a 30-year tradition, Rhode Island quahogs were flown in from Tiverton and Quonset for the occasion.

Governor Kerner also was on hand for the annual Send-Off Luncheon on Sept. 5 for the 28 young men from the area who were about to pass through Van Wickles Gates and start their four-year course on

the Hill. A crowd of close to 100 turned out for this event, which was held in the College Parlours of the University Club of Chicago. Many of the young men were accompanied by their fathers. This year's delegation was the biggest and undoubtedly one of the finest the Club has ever sent East.

NATE HORTON



ON TARGET at the barbecue supper in Indianapolis when the Brown Club of Indiana entertained new Brunanians before the start of the College year. The affair was at the home of Mr. and Mrs. O. H. Skinner. In the Indianapolis Star photo, left to right were: Richard Kahn '63, Mrs. Skinner, President Richard K. Gage '51, William E. Dyer '63, and Robert Skinner '66.

Praising Jim Eastham

A YOUNG ATTORNEY, just out of Harvard Law School, was elected Secretary of the Merrimack Valley Brown Club in 1922. James S. Eastham '19 retired from that office in June, having continued in it for 40 years. Presidents came and Presidents went, but Jim Eastham continued, planning meetings, getting speakers, and generally running the Club. In appreciation of all that devotion, which meant a healthy alumni group, the Brown Club gave him a Brown mirror as he bowed out of office.

The annual meeting was held at the Commons of Phillips Academy, Andover. With Pembroke alumnae also invited, Dean Rosemary Pierrell was one of the guests from College Hill. The other, Dr. Glidden Brooks, Director of the Institute for Health Sciences at Brown, told about plans for the new medical program.

Essex County Election

ROBERT F. HAGUE '50, a Security Analyst with the New York brokerage firm of Faulkner, Dawkins, and Sullivan, has been elected President of the Essex County Brown Club in New Jersey. Serving with

him are the following: Vice-President—Dave Fernald '44; Secretary—Edward Gilman '35; Treasurer—Jack Remington '22.

After the Harvard Game

ONE OF THE LARGEST turnouts in years is expected at Carey Cage adjacent to Harvard Stadium immediately following the Brown-Harvard game Nov. 17. Last fall, 300 attended the 4 to 7 p.m. affair, and this number may be doubled this time, say the officers of the sponsoring Boston Brown Club. Members of the Rhode Island Brown Club have received a special invitation, but the affair is open to all Brown men and their ladies regardless of residence. John Prendergast and Don Saunders are running the event.

The first monthly luncheon, at which City Councillor Thomas A. Sullivan spoke, was an unqualified success. We had the largest attendance in years, and this was the result of the interesting local speaker and the new location, Rosoff's Restaurant, which is downtown and, therefore, more accessible to the majority of the working alumni in the area. Things are moving in Boston, in what promises to be one of the most productive years in at least a decade.



WORCESTER COUNTY Brown Club was one of many alumni groups which gave new students a send-off from home in September. In the Worcester-Telegram-Gazette photo, Past President Everett Greenleaf '41 congratulates two Freshmen who had won scholarships: Barry Aframe and Kevin Bruce.

Two Good Affairs in Cleveland

JIM GORHAM '54, Associate Alumni Secretary, flew in from Providence to be with us in Cleveland for our first monthly luncheon Oct. 10 at the Mid-Day Club on top of the Union Commerce Building, at East 9th St. and Euclid. Similar sessions will be held on the second Wednesday of each month.

The Cleveland Indians may have fallen flat on their tomahawks during the long, hot summer, but their dire doings didn't disturb the durability of the Cleveland Brown Club.

Summer is the ideal time for beach parties, and Jack Novatney arranged a pip of a party for July 21 at his dad's abode in Rocky River. About 40 were on hand, including alumni, wives, and guests. And Trevor Guy's band was there to supply the sweetest music this side of Municipal Stadium.

The Club's fifth annual off-to-college picnic was held Aug. 28 at Roger Young's Daisy Hill home, with 24 alumni, 12 undergraduates, and three guests present. The alumni won the volley ball game this year—mainly because the old grads were wiser, in better condition, and had paid off the referee. Seriously, we feel we have an excellent Freshman group on the Hill this fall, and Secondary School Chairman Bill Fortner promises an even better job in 1963.

Washington's Send-Off Party

THE PRESIDENTIAL ARMS was the scene of the annual fall meeting of the Washington Brown Club, Sept. 5, and close to 50 alumni, Sub-Freshmen, and their dads turned out for the affair. All told, 15 youngsters from the area entered Brown

this year, and 10 of these lads were at our meeting.

Dr. Allan Nanes '41, Chairman of our Sub-Freshmen program, arranged the affair and was on hand to present the Freshmen and their fathers. Thomas G. Corcoran '22 gave a most inspirational talk and answered questions from some of the new Brown men. President Paul McGann '38 presided.

EARLE V. JOHNSON '24

Soccer Exhibition on L. I.

THE LONG ISLAND Brown Club held a party in conjunction with the exhibition soccer game between Brown and New York University Sept. 14 under the lights at Oceanside. The Club was host to 30 Sub-Freshmen, and both the Club members and the high school seniors thoroughly enjoyed Brown's 6-2 decision over the Violets. Following the game, a social was held in the cafeteria of the local high school, at which time Coach Cliff Stevenson and the members of his squad had an opportunity to talk to the youngsters. The game was part of a clinic staged by the Nassau County Soccer Coaches Association.

Worcester's New Leaders

THE WORCESTER COUNTY Brown Club elected Howard Greis '48 as its President Sept. 5 at the annual Scholarship Award Dinner held at the Franklin Manor in West Boylston. His slate includes: Vice-President—Robert Johnson '51; Secretary—Robert Siff '48; Treasurer—Carl Jacobson '51. John Pietro '52 was selected to head the Nominating Committee.

The Club's two scholarships were awarded to John K. Bruce and Barry A. Aframe. The recipients of our first scholar-

ships, Knowlton O'Reilly and Allan Grace, were on hand for the presentation. The speaker of the evening was Donald Walsh of the Admission Office. His talk was so well received that the discussion period that followed lasted well into the night.

ROBERT M. SIFF '48

Central N. Y. Celebrated

THANKS to the efforts of Coach John McLaughry, quarterback Dennis Hauflaire, end Bob Seiple and company who vanquished Colgate, 6-2, the post-game party of the Brown Club of Central New York Sept. 22 at Hamilton became a victory celebration.

Approximately 50 alumni and their ladies dropped by the Brown Tent prior to the game, but more than 200 were on hand at the tent and at the reception in the new Colgate Field House following the spectacular upset victory. After a full year of famine, there was much celebrating to do—and it was done. Members of the Brown coaching staff stopped in to say hello, as did Jim Gorham '54, and Jay Barry '50, from Alumni House, and Director of Sports Information Pete McCarthy.

A vote of thanks to John and Pat Inglis for playing host to the Third Annual Club Steak Roast Aug. 26. In addition to a good turn-out of alumni and their families, all of the entering Freshmen from the area were present, along with their parents. It's a fine entering group, surpassed only by the one the Club plans to round up for next fall!

Hartford Liked the Delegation

IF THE UNIVERSITY wants to make sure its Brown Club members around the country turn out in large numbers, just continue to send out the team that journeyed to Hartford for the annual Send-Off dinner for the Sub-Freshmen Sept. 4 at the City Club.

Admission Officer Charlie Doebler, an old friend, was never in finer form. He gave a talk that was both informative and interesting, and old grads and Sub-Freshmen alike had a better picture of Brown when he finished.

Jock Jerrett '65 and Colby Cameron '63 represented the undergraduates. Jerrett impressed the youngsters with his enthusiastic talk on the friendliness and freedom he has found at Brown. Cameron told of the need to combine studies with some extracurricular activity. Everyone thought this was one of the best meetings we've had.

Following is a list of those attending, in addition to Doebler, Jerrett, and Cameron: Clif McGuire '37 and son Phil, Jack Montgomery '38, Dom Worth '53, Frank O. Jones '97, Dan Howard '93, Jesse Bailey '16 and son Fred '53, Nick O'Neill '50, Ed Thayer '34GS, Ev Harkness '05, Gerry Haverty '54, President Brad Benson '52, Bill Bieluch '38, and the following men of '66 and their dads—Fred Gorgel, Jeff McCormick, Marks Lurie, Charles Atwood, Ken Linsley, Tom Clark, Richard Sorenson, Jack Alaimo, Carl Johnson, and Charles Blood.

Cincinnati's Good Start

THE ALUMNI SECRETARY, Paul Mackesey '32, was scheduled to be the guest of honor Oct. 17 at the fall dinner meeting of the Cincinnati Brown Club. The affair was to be held at the University Club, and Brown's former athletic director promised a pleasant evening of recalling past memories and, at the same time, learning all about the present-day Brown. We'll have a later report on this.

An active year is in prospect for the Club. Definite interest has been shown in holding a Brown-Pembroke night at the opera, and a spring picnic also is on the agenda. There is also considerable interest

in establishing a Cincinnati Brown Club Scholarship.

Marvin Schwartz '55 has been named Chairman of the Secondary Schools Committee, and he has the following alumni working with him: Charlie LeBlond, Chuck Whelan, Don Waggoner, Tom Simon, Joe Donahue, Greenville Gooder, and Gene Kay. This group presented the annual Associated Alumni Book Prize to an outstanding member of the Junior Class at both Walnut Hills and Wyoming High Schools during Honor Day assemblies in June.

Our Club Secretary, Dave Sloan, has been transferred to New York and has been replaced by Donald E. Waggoner '52, 1527 Pasadena Ave., Cincinnati 38.

Gentlemen and Scholars

THE YEAR 1962 is bringing two more international honors to Prof. William Prager, Director of the Brown University Computing Laboratory and Professor of Applied Mathematics. The first was the honorary degree of "Ingenieur" and the Silver Medal of the University of Liège, Belgium, voted by its Academic Council. The award, highest academic honor which the University may bestow, was conferred at the September Convocation which opened its year. It cited Dr. Prager for his many scientific contributions and services. In November, Dr. Prager returns to Europe to receive an honorary doctorate from the University of Poitiers, France.

President Emeritus Wriston moderated a four-part television series on International Arms Control under the auspices of the American Assembly, of which he is Board Chairman, and in cooperation with National Educational Television. The pre-recorded series had two showings in Providence over WJAR-TV in October and November.

Prof. William C. Loerke, Jr., former member of the Brown Art Department, now at Bryn Mawr, returned to College Hill in October to give the opening lecture in the 1962 Marshall Woods Series.

Prof. Albert Van Nostrand participated in a September program on William Faulkner held in Sao Paulo, Brazil, reported in the *Times of Brazil*. Albert J. Pereira '38 sent us a clipping about it.

Prof. William E. Wilson, Jr., of Indiana University, one-time member of the Brown Faculty, received an honorary Litt.D. from Evansville College this year.

Several members of the Faculty have had active roles recently in professional gatherings. At the First International Congress of Hispanists, held in Christ Church College, University of Oxford, papers were read by Prof. Juan Lopez-Morillas and William L. Fichter of the Department of Spanish and Italian.

The Institute of Management Sciences and the Econometric Society held joint international meetings at Ann Arbor in

September. Profs. George H. Borts and William Prager were chairmen of sections and contributed papers as well. Profs. J. L. Stein and Mark B. Schupack also offered papers and doubled as discussants.

Brown's Extension Division and the Small Business Administration are cooperating in the sponsorship of a seminar program on the general theme, "Practical Management for Small Manufacturers." Chelcie C. Bosland, Eastman Professor of Political Economy, is coordinator of the program.

The Public Health Service has announced several grants to members of the Faculty. Dr. Evelyn B. Man of the Biology Department has been awarded a research grant and pledges totaling \$160,000 for study of the relationship between thyroid activity and maturation. Donald H. McBurney of the Psychology Department has received a \$5,500 Predoctoral Fellowship for study of differences of eating behavior in mice. Another Predoctoral Fellowship has gone to Miss Joan G. Stevenson of the same department for a study entitled "An Investigation of Waiting Behavior."

Additional grants of \$146,700 have been made to Brown by the National Science Foundation for Projects directed by three members of the Faculty. The first is a study of electronic behavior in transition metal complexes by Dr. Richard L. Carlin, instructor in the Chemistry Department. It is a two-year project, for which \$19,700 has been allocated.

Dr. Herbert Federer, Professor of Mathematics, will supervise a two-year, \$77,000 study of geometric measure theory, and Dr. John Wermer, Professor of Mathematics, will direct a similar study of functional algebras, for which \$50,000 has been granted.

Three other NSF grants were to: Dr. Katsumi Nonizu, \$40,000, for a two-year study of geometric structures on differentiable manifolds. Dr. Howard A. Snyder, \$43,300, for a two-year study of quantized vortex lines in liquid helium. Dr. Stanley Zimmering, \$42,400, for a three-year study

of factors determining the division of chromosomes. The former research executive at Indiana University, Dr. Zimmering joined the Brown Biology Department this fall.

Prof. Hans Kurath, sending a change of address to 1125 Spring St., Ann Arbor, writes: "My interest in Brown is still alive." He did much of his work on the Linguistic Atlas at Brown and now is involved in the Middle English Dictionary at the University of Michigan (in Angell Hall, named for Dr. James B. Angell, 1849, early President of UM).

Metropolitanization and Population Change in Rhode Island has been added to the University Archives. It was written by Prof. Kurt B. Mayer and Prof. Sidney Goldstein '32 of the Brown Faculty and appeared last winter. Sponsored by the Rhode Island Development Council, it was the third publication of the State Planning Section.

Books by Newcomers to Brown

New members of the Brown Faculty are authors of books which should be noted here: Dr. E. U. Essien-Udom, Political Science, wrote *Black Nationalism: A Search for Identity in America*. A native of Nigeria with degrees from Oberlin and Chicago, he is teaching a new course on "Contemporary Africa and Its Background." Prof. Camille E. Bauer, French, is the author of *La France Moderne*, a college textbook on French civilization.

Among 15 Visiting Professors this year are: John Berryman, poet, critic and short-story writer, has had three books published. His poetry was collected in *Poems* (1942) and *The Dispossessed* (1948), while his critical work on *Stephen Crane* appeared in 1950. He is Editor of the literary magazine, *Noble Savage*, and he was a Guggenheim Fellow in 1952-53. His poems have won a number of prizes.

Ralph W. Greenlaw is general editor for D. C. Heath & Co. of the series *Problems in European Civilization* and special editor of one of the volumes in this series, entitled *The Economic Origins of the French Revolution—Poverty or Prosperity?* Cecil Arthur Hackett of the University of Southampton has published three books on Rimbaud and an *Anthology of Modern French Poetry*.

Knowledge and Belief, published this year, is a book by Prof. Kaarlo J. J. Hintikka, on leave from the University of Helsinki in his native Finland. Robert L. Miller is co-author of a book, *Morphological Integration*, and edits the *Journal of Geology*. Leonard Rowe is author of *Primary Endorsements in California Politics*, while *California Politics*, of which he was co-author, has appeared in a second edition.

Dr. Hermann Schussler, a German historian from Mainz, is a lecturer this year in modern European history. He is the author of *Georg Calixt*, a biography of the 16th century reformer.

Millicent Bell, Assistant Professor of English at Brown, is the author of *Hawthorne's View of the Artist*, published by the State University of New York.

For a Brown Bookshelf

EDITED BY ELMER M. BLISTEIN '42

PLANT HUNTERS IN THE ANDES. By T. Harper Goodspeed '09. 378 pages. University of California Press. A new illustrated edition.

Few men of science have had the good fortune to pursue the object of their research so continuously and over such adventuresome paths as has Thomas Harper Goodspeed. Early in his career as a graduate student, the author of *Plant Hunters in the Andes* became intrigued with problems of heredity in the wild and cultivated species of tobacco growing in the botanical gardens at Berkeley. From that time on, Goodspeed followed the trails of the early botanists in Peru and Chile and blazed many of his own in quest of species of the genus *Nicotiana*. Although frustration may have impeded his searching, there was always the thrill of discovering bizarre habitats amid the scenic grandeur of some of the world's most famous alpine country.

Among many accomplishments in the field of plant genetics, Goodspeed was able to demonstrate the existence of descendants of the parents that gave rise to cultivated tobacco, one of which is a tree! His fame as a botanist is reflected in the many honorary degrees and citations from European and South American universities. In 1940, Brown awarded him an honorary D.Sc.

It is the background of natural history to the genetical studies, however, that is painted for the reader so vividly and entertainingly in this popular travelogue. Goodspeed is not only a scientist of note but a raconteur of rare ability as is evidenced by his skillful interweaving of his own diary accounts with those of his several assistants. Explorations that penetrated the Andean country from northern Peru to southern Chile are described with an intimacy gained only from hazardous journeys made by dilapidated motor bus, mountain burro, or at times on foot. The terrain contributed a major share of the perils as well. In the hot, coastal deserts, for example, the road may disappear in shifting sand. In the mountains, the trails often cling in sharp reverse folds to precipitous sides of valleys overlooking rivers six or seven thousand feet below. In the high, cold alpine "punas," Goodspeed was not spared the severe "siroche" or mountain sickness experienced at elevations of 10,000 feet or more.

Hardships never dispirited the explorer, however, and his native guides were far from being as adventuresome. Certainly one of Goodspeed's most perilous moments was experienced when he climbed alone on a sharp cliff in search of a rare specimen only to find that he was being slowly catapulted into a sea of moving rocks. Although many muscles were badly sprained,

his searching never lost momentum. In fact, the author invariably describes his ordeals with a delightful sense of humor.

Casual though the reader's interest in natural history may be, he cannot fail to be intrigued by the picturesque chapter headings. "Meadows in the Desert," for example, describes the lush "lomas" of vegetation created in the hot Peruvian coastal sands by persistent local fog. "Eyebrow of the Jungle" paints the mid-Andean forests that give birth to the headwaters of the Amazon as well as the wild Fuchsias and Calceolarias known to us only in the greenhouse.

"Land of the Monkey Puzzle" gives us a glimpse of the "Disneyesque" conifers of low altitudes in the southern Andes, bathed in an atmosphere of increasing coolness as the traveler moves on to the magnificent lake country of Chile.

The 1961 edition of this book is slightly augmented by descriptions of expeditions made since the first edition of 1941. It is still one of the most fascinating accounts of the natural history of the Andes.

GEORGE L. CHURCH

Professor Church is Chairman of the Botany Department at Brown. The author is Emeritus Professor of Botany at the University of California.

THE ENCHANTER. By Robert Newman '31. 276 pages. Houghton Mifflin Company. \$3.95.

Robert Newman's first novel is a strange blend of suspense story in the vein of Mary Stewart, of Gothic novel in the vein of Horace Walpole, and of Kafka's dream world of terror. Nor does the blend stop there. Hints of Freud are present; Frazier contributes his bit to the cause; Joycean puns are sprinkled through the pages; T. S. Eliot is in the background; and naturally the Tarot pack of the Bohemians makes its appearance.

The enchanter himself is Leo Burelle. Burelle is a blend, too. He is two parts Charlie Chaplin, one part Jay Gatsby, a dash of Nijinsky, and just a soupçon of the Marquis de Sade. Despite this blend, his motivation is plain: he can't stand anyone saying no to him.

But Leo Burelle is the antagonist of this novel, not its protagonist. Carl Harris, an American painter, is the character who most concerns us. His daughter, Sara, spending the summer in France, has moved from the home of the French woman with whom she had been staying to Leo Burelle's chateau which is populated by Burelle's past and present wives and families, a brigade of servants, and a fantastic number of guests. In Carl's phrase, this is more menagerie



ROBERT NEWMAN '31, author of "The Enchanter" (Houghton Mifflin). Photo by Leon Meadow.

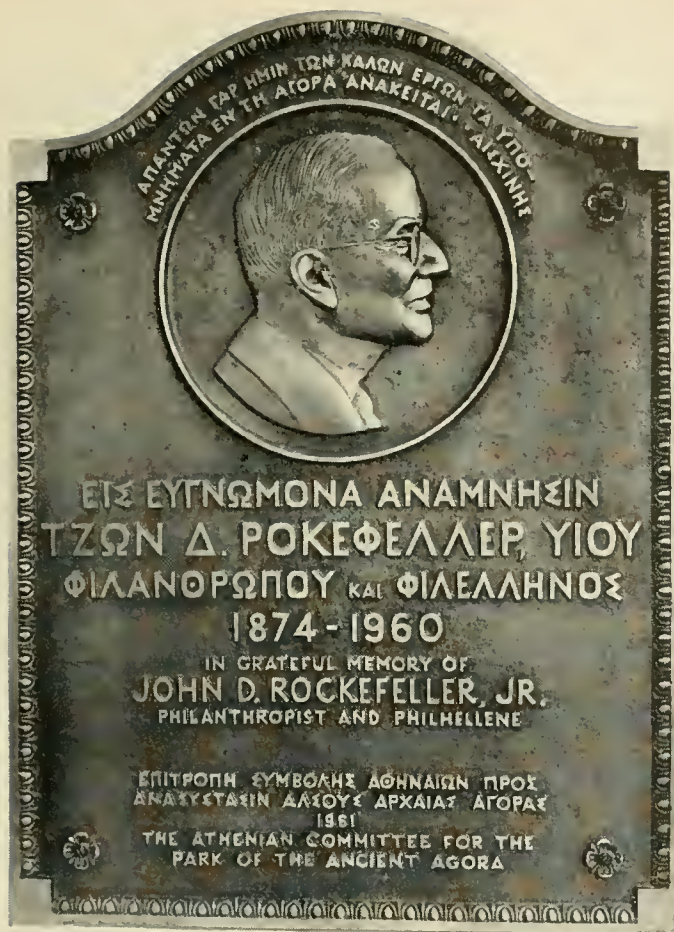
than menage. Carl and Anne, his wife, disturbed by Sara's change of residence, come to France to see what is going on. At the Chateau they find luxury, terror, mystery, deviousness, and a major problem: Leo Burelle, old enough to be Carl's father, has fallen in love with Sara and wants to marry her. What happens at the Chateau and in the neighboring village is best described by a phrase that Carl uses to describe one of his paintings. Carl tells his story "not from life but from memory, so that what he'd get would not be likeness but essence."

It would be easy to call *The Enchanter* just a good suspense story, but it is more than that. The symbolism may be a trifle heavy-handed, the allegory too pat, but *The Enchanter* continues to haunt the mind and memory. It is Robert Newman's first full-length novel; I hope it isn't his last.

E. M. B.

Although Newman's book is described as "his first novel," Ziff-Davis published his shorter work, Identity Unknown, in 1945. For many years audiences have enjoyed his popular writings for radio and television.

"Napoleon Comes to Rhode Island" was the title of an address given at the first fall meeting of the Friends of the Brown University Library. The speaker was Mrs. John Nicholas Brown, L.H.D., whose book, *The Anatomy of Glory: Napoleon and His Guard*, is the best seller on the list of the Brown University Press. Mrs. Brown is world famous as a collector of books, prints, and paintings of military uniforms; an exhibition from her collection was opened on Oct. 22 at the Annmary Brown Memorial.



CONTRIBUTIONS of the late John D. Rockefeller, Jr., '97 to the restoration of the Agora were acknowledged in Athens when the plaque at the left was unveiled. Prof. and Mrs. C. A. Robinson, Jr., were on hand to represent Brown at the exercises in the Stoa of Attalus.

Brown's Hellenes

WHEN EXCAVATION began in Athens on the site of the Agora in 1931, it was covered by buildings, streets, trolley tracks, and other signs of a large city. With the help of that amazing Brown graduate, John D. Rockefeller, Jr., '97, and of the Rockefeller Foundation, 26 acres were bought just north of the Acropolis. Modern houses, occupying 350 separate pieces of property, were torn down through the years, and 300,000 tons of earth were then removed.

Down through an accumulation of more than 40 feet, the excavation proceeded. Today one may see laid bare 5000 years of

history. Never was an excavation conducted with more meticulous care. Thousands of objects retrieved were found to be of sufficient importance to be catalogued. In order to house them, two million dollars were raised in this country, again with Mr. Rockefeller's help. The ancient Stoa of Attalus was reconstructed on the east side of the Agora to be the museum which is today one of the show-places of Athens and the pride of every Classical scholar. This, again, was financed in large part by Rockefeller funds, only one instance of his interest in ancient Greece.

Last summer a bronze plaque was unveiled at the Stoa in memory of Mr. Rockefeller, in ceremonies of high significance. In his address, R. Agathocles, Deputy Chairman of the Greek Committee of the Athenian Agora, said of Mr. Rockefeller: "This great man, whom we honor today, symbolizes in his own person those many Americans who, together with him, contributed, from the other end of the world, the proceeds of their toil towards this splendid work of the excavation and re-constitution of the Ancient Agora. We Hellenes of Athens also look upon these honored 'strangers' as Hellenes, too, for the name Hellene belongs to all those who share our Hellenic culture."

Representing Brown University at the exercises at the Stoa were Prof. and Mrs. Charles Alexander Robinson, Jr., back at

the American School of Classical Studies on another sabbatical. Professor Robinson has been Secretary of the Management Committee of the School for 15 years, with an association that goes back to 1923 and membership on the Committee since 1928. He was a student there for three years; he has been Visiting Professor of Greek Literature and Archaeology there on several occasions, has directed the Summer School, and was President of the American School's alumni association. He supervises Brown University's excavation at Corinth. Brown's numerous other associations with Greek archaeology have been described in this magazine in 1957 and 1959.

The stoas were intended primarily as informal promenades. Occasionally public bodies met in their shelter. Here, too, the philosophers could be sure of an audience. Socrates is known to have frequented the Stoa of Zeus on the west side of the square, while the Painted Stoa on the north gave its name, Stoic, to a school of philosophy founded there by Zeno about 300 B.C.

The Stoa given to Athens by Attalos II, King of Pergamon, had two stories with a row of 21 shops opening on a two-aisled colonnade on each floor. Since 1956, this building, as reconstructed, has served as the Agora Museum. It now bears the appropriate tablet to John D. Rockefeller, Jr., "philanthropist and philhellene."



UNLAYING A CORNERSTONE: When Van Wick Hall had been razed last summer, the cornerstone was salvaged. Librarian David A. Janah was made custodian of the items which had been deposited there in 1901. They were to be examined and displayed at a later time.

New grants for Brown

GRANTS, running into millions of dollars, have been made to Brown University in recent months. Two of the largest were announced after Commencement: The Alfred P. Sloan Foundation of New York donated \$1,000,000 for the support of engineering education, a grant similar to others to Dartmouth, Johns Hopkins, Princeton, and Rochester. A supplemental grant of \$1,235,000 came from the Government to extend for an additional year an existing research project into basic material used by the armed forces.

The latter program, instituted last year, involves developmental research on new materials for advanced missile systems and other weapons of the nuclear-space age. A year ago, Brown received \$3,500,000, the largest of five such grants to universities across the country, for a four-year research program. The additional allocation will extend the program from June 30, 1965, to June 30, 1966. The early announcement was made to enable University officers to plan its projects in advance. Grantor was the Advanced Research Projects Agency (ARPA) of the U.S. Department of Defense.

The Sloan Foundation said its grants were to "strengthen the national base for the education of engineers, especially at the graduate level" and to "update and increase the scientific content of engineering education." Institutions selected for the grants are those with plans to meet the needs and where "engineering is in close relation to excellent departments in the basic sciences as well as all other aspects of a broad education."

President Keeney said: "This large grant of the Alfred P. Sloan Foundation will be of enormous help in the development of our program in basic science and engineering. It is, moreover, another expression of confidence in the program by a group well equipped to judge it."

Brown has received a grant of \$25,000 from the Charles E. Merrill Trust to be used for fellowships for Ph.D. candidates, with a preference for fellowships in the social sciences and humanities. The University plans to use most of the grant in the next two years to strengthen the graduate student body in one or two Departments. The Merrill Trust was established by the late Charles E. Merrill of the firm of Merrill Lynch, Pierce, Fenner & Smith.

Linking the Metcalf Labs

The National Science Foundation and the U.S. Public Health Service were principals in numerous other grants to Brown. A \$70,000 NSF construction grant will be used for an addition that will join the Metcalf Chemical Laboratory and the Metcalf Research Laboratory on the Lower Campus. The University must provide at least half of the direct cost of the project from non-Federal funds.

The two buildings are now connected

only at the basement level, where there is a tunnel. The new construction will consist of a full basement, three floors, and a loft, filling an area that measures about 20 feet by 45. The entrance in the center of the south side of Metcalf Research Lab will be closed, the space thus provided to be converted to office and lab use.

Brown's Center for Aging Research will benefit from \$287,500 in Federal funds made available from the USPHS. The award to Dr. Glidden L. Brooks, Director of the University's Institute for Health Sciences, includes \$86,250 for each of three years and a fourth-year grant of \$28,750.

NSF grants totalling \$36,320 will help the Biology and Botany Departments acquire modern scientific equipment for new or improved instructional programs. The allocation, which must be matched by the University, is for \$24,590 to Biology and \$11,730 to Botany. A new program in the latter Department has stressed individual research by undergraduates, and the equipment here will be "a great boon," in the opinion of Chairman George L. Church. Chairman Mac V. Edds, Biology, assigned his grant to the purchase of equipment for the new Biology Building.

For its in-service institutes in Biology and Earth Science for secondary school teachers, Brown received NSF grants which aggregate \$13,300 for the 1962-63 academic year. Instruction in these 30-week institutes will be provided by members of the Brown Faculty, according to Charles B. MacKay '16, Associate Director of the MAT Program.

Numerous individual grants support research or special training programs on College Hill. Dr. Herman B. Chase of Biology received three allocations from the U.S. Public Health Service which total \$446,965. The largest, \$174,920, will support training in general research which Professor Chase will direct over three years. A second award, for cancer research, includes \$44,045 and \$47,000 in successive years; he is investigating skin cycles and ionizing radiations. An earlier grant of \$59,000 had been accompanied by assurance of \$122,000 more at a later time.

Other USPHS grants to individuals at Brown were these, the figures in parentheses being additional "moral commitments" for the future: *In Biology*—\$129,000 to Prof. Mac V. Edds (\$390,000), \$55,000 to Prof. William Montagna (\$205,000), \$10,412 to Prof. Joe L. Griffin, \$24,000 to Prof. Walter J. Kenworthy, \$17,753 to Dr. Joseph C. Curtis. *In Psychology*—\$44,021 to Prof. Lewis P. Lipsitt, a mental health training grant (\$80,722), \$12,962 to Prof. Russell Church (\$11,297), \$16,272 to Prof. Alexander K. Bartoshuk (\$17,000), a mental health training grant, \$8,977 to Prof. Lorin A. Riggs (three additional years in the same amount). *In Botany*—\$8,947 to Prof. Marvin S. Fuller.

From the National Science Foundation: *In Physics*—\$57,600 to Prof. Harry E. Farnsworth, *In Botany*—\$24,500 to Prof. Walter H. Snell '13 and Esther A. Dick, toward the completion of their definitive illustrated work on boletes.

Carrying the Mail

Educating Fools

SIR: Two very able and very wise men I used to know were engaged in conversation. They disagreed on many things, but they agreed on the proposition that a man may be educated and still be a fool. They were not so concerned, they said, with the general run of fools. But they were concerned about that really dangerous kind, the educated fool. Because he has presumptions, because he is veneered with the glitter of an "education," because he is articulate, looked up to, or (at least) listened to, because he has the capacity of persuading others, he is a potential menace.

He who is a fool, though educated, they opined, is a damned fool, and it is this kind who have led us astray. What do you think?

WILLIAM D. REICHMANN '24
Barrington, Ill.

Holding the Line

SIR: I am opposed to the University or the Administration coercing fraternities or clubs in altering their so-called discriminatory clauses. These groups are not public pay-as-you-enter transportation or public tax-supported facilities. They are private, social, like-minded, more or less intimate groupings. What gall is fostered on the American individual today!

Frankly, I am just seething. This would not be the time to solicit a number of us.

KENT GODFREY '26
Miami Beach, Fla.

Honor More Alumni?

SIR: The ancient plan of giving and receiving honorary degrees is becoming more and more difficult and burdensome to both the givers and the recipients. Sometimes it borders on the ridiculous.

More than ever, I think Brown should substitute a new and wiser plan which would honor a large group of our own family each year. The next few years would be a great time to honor our own. I wish the *Alumni Monthly* could advocate and fight for such things.

JEREMIAH HOLMES '02
Mystic, Conn.

Harpists in the Making?

SIR: I have a gripe. Nowhere in the Alumni College curriculum was any mention made of music. It would seem not only proper but the essence of preparedness to include a course in harp-playing. A lot of otherwise intelligent coots might get caught with their strings down.

WILEY H. MARBLE '12
Warrenville, Conn.

(The Alumni College was not intended to provide vocational training, though the philosophy of retirement was touched upon in the lectures and discussions on "The Impact of Leisure."—Ed.)

Youth's Companions

SIR: The new C. A. Stephens Collection in the John Hay Library needs help. Dr. Charles Asbury Stephens was the famous author of the Old Squire Stories of the *Youth's Companion* days. He estimated that he wrote more than 3000 short stories, in addition to all his other works.

Since Stephens wrote exclusively for the *Youth's Companion*, we need all the copies of that magazine we can find. Please, won't every alumnus search his attic and those of friends and neighbors for these issues? In addition, all books written by the Doctor are desired.

Brown has the nucleus of one of the largest Stephens Collections in any library. Future graduate students of American Literature will find here a good field for research, not really touched yet. Gifts of money would also assist us in completing the collection.

While you look for old magazines, you might see if you can find *St. Nicholas*, Volume 25 (November, 1897, to October, 1898) and Volume 59 (from November, 1931 on). The Library lacks these issues. My address is 15 Jay St., Rumford, R. I.

LOUISE HARRIS '26

The Kenerson Record

SIR: In that generous citation from the Brown Engineering Association, as copied in the *Alumni Monthly*, it appears that I served as "Executive Secretary of the Division of Engineering of the National Research Council" while in Washington during World War II. That was true for a brief period at first. But, during the greater part of my time, I was Executive Secretary of the National Academy of Sciences as well, the first (by the way) to occupy both posts simultaneously. Since then, the practice has become customary.

Coincidentally, Dr. Waldo Leland '00 was then Director of the American Council of Learned Societies. There was close association between all these groups.

It is not very important to correct the record about me, but you might like to give any credit to Brown that might be implied.

WILLIAM H. KENERSON '96
Providence

Benediction in June

SIR: Every Brown Commencement ends with the Benediction and the recession on The Green. The Benediction never fails to move me deeply, and I am curious to know the history behind it—source, etc. It is tradition such as this simple charge that makes Brown live in the hearts of men.

PETER A. MACKIE '59
Danvers, Mass.

(Chaplain Charles A. Baldwin has written Mackie: "I took the Benediction from a piece of choral music entitled *A Blessing*

and written by Martin Shaw. Actually, I suspect that the piece is based on some verses of Scripture, namely 1 Thessalonians, Chapter 5, verse 12 and following. I have been using this as a Benediction since I came here. With your encouragement and that of others, I shall continue doing so in the future.")

Terrible Sin

SIR: Though you may not have realized it, the *Monthly* has committed a terrible sin. In the July issue on page 53, a picture is shown of the rugby game in which Brown was identified as "close to a 'try.'" That WAS a "try," and, since, after I'd played on the team for the last three years, it was my first, I was heart-broken.

In reality, that moment gave me a great deal of pleasure; to find it in the *Monthly* was more than I ever expected.

ALLEN PARKMAN '62
Edgewood, Pa.

(Our abject apologies for concluding (from an unidentified photo) that the ball was short of the goal-line. We had the wrong angle in more ways than one. Though Parkman had succeeded, we hope he will try, try again.—Ed.)

Trading Stamp Alumni?

SIR: When I read that Bates College last spring issued trading stamps in return for contributions to its Alumni Fund, my first reaction was to think this was an amusing and ingenious practice. I said so to my wife.

She, however, professed shock. "This cheapens the whole idea of alumni support of a college," she said. "I put a gift to a college on a little different basis than shopping for groceries. There are too many gimmicks in education."

PHIL WATERMAN
Boston

"Twenty-Three, Skiddoo"

SIR: I read with interest the letter from Claude Branch '07 about the break in athletic relations with Dartmouth when I was a lowly Freshman. That came over baseball, but I have a vivid recollection of the football game with Dartmouth that year, too.

At one point, Brown was going to try for an unlikely field goal, and I said (in what I thought was an inaudible voice), "They never can make it." In stentorian tones, there came from some distance a peremptory "Shut up, Freshman!" As a free-born American citizen entitled to free speech, I snapped back with something original like, "Shut up, yourself." The other voice belonged to Sal Keen, of the God-like Cammarian Club, but Sal, being a big man in more ways than one, let me get away with it.

Dartmouth men had a barrel of little green cards already printed for distribution after the game. Using the expression then at its height, they read: "Twenty-three for you, Brown. Skiddoo." But Brown won the game by a score of 23-0.

M. R. JEFFRIS '10
Janesville, Wis.

A couple of points make a difference

ALTHOUGH the football picture at Brown has improved, it was obvious by mid-season that the Bruins were far from out of the woods at this stage of the game. After defeating Colgate, 6-2, in the opener, Coach John McLaughry's men lost to Columbia (22-20), tied Yale (6-6), and were soundly spanked by Dartmouth (41-0).

The fact that the Bruins scored two more points (26) in the first two games than the '61 eleven scored in the entire season was indication that things were better. There were two reasons for the improved play. First, 33 spirited Sophomores were pushing the upperclassmen and providing healthy competition for positions. Secondly, the team morale was vastly improved.

Brown lost four players through graduation and several others because of injuries and ineligibilities. The large Sophomore delegation has more than made up the difference. One of the second-year men was in the starting lineup against Colgate. By the time the third game with Yale rolled around, four Sophomores had earned starting berths. Several others could make it before the close of the campaign.

Dave Krafchik, a 6-2, 215 pounder from Nanticoke, Pa., was the Sophomore who started against Colgate. He's strong, has good reactions, and Coach McLaughry expects him to become one of the Ivy League's top pivotmen before he's through.

Jim Dunda, a 5-11, 175-pound quarterback from Avenel, N. J., was inserted into the lineup late in the second period of the Columbia game with Brown trailing, 13-0, and he nearly pulled it out for the Bruins with his running, passing, and daring play selection. While still prone to making Sophomore mistakes, Dunda is a spark-plug, a take-charge man on the field, and these are qualities sorely needed on the Brown football scene.

Dunda won himself a starting job against Yale, joining Krafchik on the first team. Three other Sophomores also were in the lineup when the opening whistle blew against the Elis. The trio included fullback John Kelly, a former All-Stater from Rhode Island, and a pair of rangy ends, John Parry and Bob Seiple.

Six other second year men played extensively, especially on defense. Don Carcieri of East Greenwich, R. I., was the number one safety man; Ron Ferraris proved himself a strong defensive end, Mike Allara and John Lutz filled in well at the tackle spots, and Al Barney and Paul Coughlan alternated at the guards.

Despite the 1-2-1 record over the first four games, this Brown squad earned the respect of its followers by showing a great



JIM DUNDA: He got the nod at quarter.

deal of moxie. They showed it against Colgate with two fine goal-line stands. They showed it against Columbia by going 68 yards for a touchdown in the final 44 seconds. They raced the clock to score on the last play of the half against Yale and then twice held the Blue late in the game in what would have been the shadow of their goal post if the sun had been out. Even against Dartmouth, trailing 41-0 in the final quarter, the Bruins marched 78 yards and just missed a score on an end-zone pass.

However, the club still had its weak spots. Because so many Sophomores were in the lineup, assignments were missed from time to time, in several cases costing the team a score. For the most part, the line wasn't able to put pressure on the opposing teams' passers, and the secondary was often a split second late in covering the throws, that second being the difference between knocking the pass down and being forced to tackle the receiver after he took the throw. The punting had averaged only 28.0 yards over the first four games, a factor which put an added burden on the defense.

Against its first four opponents, Brown had an edge in passing, 460 yards to 423. However, the running attack wasn't able to complement the passing game. The Bruins

had only 328 yards on the ground as compared to 698 for the opposition. The Bears did prove themselves opportunists, recovering 11 fumbles, while losing only three.

Individually, Kelly was the leading ground gainer with 96 yards in 21 attempts for a 4.6 average. He was followed by Jan Moyer (32 for 85), Jon Meeker (17 for 59), and Bill Lemire (17 for 50). Dunda had 16 completions in 41 attempts for 249 yards and three touchdowns. Senior Dennis Hauflaire was 13 for 24 for 178 yards and one touchdown. Parry, the Sophomore end from Marcellus, N. Y., had picked off eight passes for 163 yards and two touchdowns in the first four games.

Columbia 22, Brown 20

"Mr. Roberts" returned to New York Sept. 29, at Baker Field. To be precise, Archie Roberts, Columbia's sensational Sophomore quarterback, almost single-handedly was responsible for dealing the Bruins their first defeat of the season. Brown appeared to have slightly the better ball club, but Coach John McLaughry had no individual who could match the 6-0, 185-pounder from Springfield and Deerfield Academy.

Roberts completed 13 of 18 passes for 119 yards and one touchdown, punted for an average of 39.8 yards, intercepted two passes, gained 32 yards rushing, ran the club with cool precision, and twice came up from the safety position to tackle Brown runners who were headed for the end zone with only Roberts to beat. After the game, Lion coach Buff Donelli admitted that this lad may have a shot at All-American honors before he is through.

For Brown, Dunda did nearly as well. He completed seven of 16 passes for 114 yards and two touchdowns, scored a T.D. himself, and gained 31 yards on the ground. His sweeps from the rollout loosened the tight Columbia defense and helped the Bruins get back in a game that looked out the window shortly before half-time.

The Bruins controlled the play in the opening period and had the best scoring opportunity. From his 15, Hauflaire threw a screen pass to Bill Vareschi, and the Junior halfback from North Adams, Mass., romped to the Columbia 43, where Roberts cut across to nail him just as it appeared he might go all the way. It looked as though Brown had the Sophomore-dominated Lions on the run, but Hauflaire, resorting to more conservative play selections, failed to exploit his advantage. The Bears lost the ball at the Columbia 42.

Then, just before the end of the period, Columbia struck fast, going 58 yards in two plays for a touchdown. Al Butts skirted Brown's right end for 12 yards, and Mike Hassan went the rest of the way around the other end, outracing Carcieri, the last Brown defender.

Columbia's second touchdown came almost as quickly. Kicking from the end zone, Buddy Freeman got a bad pass from center. By the time he recovered two Lion linemen were on top of him and his boot was blocked. It rolled into the end zone

and was recovered by Columbia. The Lions led, 13-0, with five minutes left in the half.

It was at this point that Dunda entered the game. On his first play, he swept to the right, faked a pitch back to the trailer, and cut inside the end for nine yards. The Lion defense, which hadn't had to worry about the running threat from the quarter-back position, now had to draw in tighter. With two minutes left in the half, Parry slipped past the safety man, took a 30-yard pass from Dunda, and romped 22 yards more for a touchdown. Lou Vodopivec converted, and Brown trailed only 13-7.

Seven plays after the third period started, the Bruins had taken a 14-13 lead. Hassan was hit hard by Krafchik just as he took a handoff from Roberts. When he fumbled, Lutz recovered on the Columbia 17. Dunda went back to pass, saw the Lions had left their right flank unguarded, and dashed to the two. On the next play he wedged the ball across, following Krafchik into the Columbia end zone. Vodopivec again converted.

Late in the period, it was Roberts again, and he engineered a 50-yard drive. When Brown held on its nine Tom O'Connor kicked a 26-yard field goal to put his team ahead, 16-14. Columbia went 43 yards in seven plays with five minutes left in the game for another score. Roberts twice passed for first downs when he had third down and long yardage, and then he hit fellow Sophomore, Jerry Hug, on the goal line with a 20-yard scoring pass.

That made the score 22-14, and the Lions could have put the game out of Brown's reach by going for a one-pointer. However, they tried for two on a pass, which failed, and the Bruins still could tie by getting a touchdown and a two-point conversion.

They came close. One drive carried to the Columbia 24 when Roberts came through with a key interception. The defense forced Columbia to punt and the Bears had the ball again on their 32 with 68 yards to go and only 58 seconds left. Dunda first passed to Vareschi for nine yards. Then with the Lions in Donelli's containing defense (four-man line), Dunda sent Kelly 36 yards up the middle on a trap. He then hit Parry with a pass on the six, and on the next play he passed to Vareschi, who made a diving catch in the end zone.

Needing two points for the tie, Dunda had the ball spotted on the left hash mark and called for a rollout-pass-option play to the right. However, a key block was missed, which prevented the run, and Dunda's hurriedly-thrown jump pass sailed just beyond Parry in the end zone.

The 68-yard drive had taken only 44 seconds, and as the Bruins came back up the field Brown and Columbia fans alike stood and gave the men a two-minute ovation. The boys had done themselves proud.

Kelly was the leading ground gainer with 44 yards in four carries, while Moyer had 38 yards. Parry caught three passes for 83 yards and Vareschi had three for

56. Columbia led in first downs (14-13) while Brown had the edge on the ground (116-84) and in the air (191-119).

Brown 6, Yale 6

Coach McLaughry's men continued their aggressive play in the home opener against Yale. Two days before the game, 8,000 tickets had been sold, and a full house was anticipated for the second visit of the Elis in 37 years. But a seven-inch rainfall, starting late Thursday evening and continuing through the game, held the crowd to 8,000 hardy fans and made the playing surface more suitable for water polo than football.

Still, those who braved the elements saw an exciting game. Yale's vaunted running attack produced 191 yards on the ground, but every time the Blue threatened the Bear goal line, the defense rose up and held. A pair of 33-yard field goals by Senior Wally Grant saved the Yale cause. The first one, early in the second quarter, gave Coach Jordan Olivar's men a 3-0 lead. The second came in the third period and tied the game.

The Bruins took charge at the start. A 28-yard pass, Dunda to Moyer, brought a first down on the Yale 20. However, an offside stalled this advance. Then, on first down, Yale fumbled the ball right back. The Bears moved to the 12, but another offside nullified the play, and the Elis took over.

Early in the second period, Yale marched 71 yards to the Brown 22, and when the defense tightened Grant came on to boot his first field goal, one that went over the crossbar by no more than six inches. Yale completed three passes on this march, two of which were deflected by Brown linemen but still caught by the receivers.

With a minute left before halftime, Bill Lemire recovered a Yale fumble at the Brown 49. Dunda hit on four of five passes as he tried to beat both the clock and the Yale defense. He connected with Vareschi for 18 yards, Seiple for 16, Moyer for 13, and finally Parry for four yards and the touchdown on the last play of the half. In the attempt for the extra point, the pass from center was high, and the ball couldn't be spotted.

As in the Columbia game, a punting situation got the Bruins in trouble. Back on his 33 to punt, Freeman had trouble when the pass from center bounced off the shoulder of one of the men in Brown's three-man tandem blocking formation. Yale took over on the 30, moved to the 14, and then had to go for a second field goal, which was good.

Early in the fourth period Yale moved to the Brown five before losing the ball on a fumble. Late in that same quarter, Yale moved to the Brown 24 where it was fourth and two. Sophomore linebacker Ralph Duerre came up fast and stopped a running play allowing Brown to take over and run out the clock.

Dunda completed seven of 14 passes for 94 yards and was named by the working press as the game's outstanding Sophomore. Tony Matteo, Junior guard, was

voted Brown's best lineman for the second straight week. Kelly led the ball carriers with 37 yards in the muddy going. As a team, Yale led in first downs (14-8) and rushing (251-68), but the Bears had the edge in the air (94-64).

Dartmouth 41, Brown 0

Dartmouth had been favored, along with Princeton, to be the class of the Ivy League for 1962. Coach Bob Blackman's Indians did nothing to dispel this thought at Brown Stadium. The week prior to the game, Tuss McLaughry, who faced many Dartmouth teams while coaching at Brown and later served as head mentor at Hanover, reported to this magazine that he had never seen a stronger Big Green eleven.

Dartmouth came to town undefeated and featuring a versatile attack and formidable defense that had limited its opposition to a net of 14 yards rushing in the first two games. The previous week, Penn had been held without a first down and ended up with —22 yards rushing for the afternoon. In total team defense, the In-



In Copenhagen

ON THE OTHER SIDE of the Atlantic, Robert M. Golrick '47 turned to the Paris edition of the *Herald Tribune* for the score of the Brown-Colgate football game. Even in Copenhagen, he was eager for the news and elated when he found it. The score was even listed twice in the same column, and the former Secretary of New York's Brown Club agreed that it bore repetition.

His celebration included the placing of a trans-Atlantic phone call to his father, Mark A. Golrick '19. With Bob were some Danish friends who had learned a few Brown songs from him. They provided a loud version of "Here's to Good Old Brown" over the phone for the listener back home. Bob wrote: "A large quantity of Tuhorg beer was consumed that night to celebrate the end of Brown's long dry spell."

The photo of Golrick was taken in front of a shoe-repair shop in Copenhagen.

dians were ranked number one nationally.

The Bruins were obviously out-manned. On top of that, the team was tight. "We made mistakes we hadn't made since the opening game," Coach McLaughry observed. "Most of our mistakes were small errors—in position on defense, and in assignments on offense. But coming against a real good team like Dartmouth they were costly. Maybe the boys were trying too hard for an upset; at least, they hung in there all the way."

The Bruins got a break when Dartmouth fumbled on the opening kickoff and Seiple recovered on the 19. On second down, Dunda hit Moyer with a perfect pass on the Indian one. Perhaps the catch was too easy. At any rate, Moyer dropped the ball as he stepped into the end zone. Brown wasn't to get that close again.

After that, it was mostly all Dartmouth. Their All-Ivy quarterback, Bill King, had a field day, scoring three touchdowns and passing for a fourth. For the day, he gained 82 yards rushing, completed eight of 10 passes for 98 yards, and did a slick job of faking on the Dartmouth counter plays that bothered the Bear defense all during the game.

When the Brown linebackers pinched in tight to stop the plays through the middle, King rolled out and swept the flanks. When the defense was spread to cover this threat, he worked the counters through the line. He was afforded great protection, and not once all day was he dumped to the turf by a Bruin lineman breaking through.

Carcieri played another fine game at the safety position for the Bruins, and Junior guard Gerry Bucci stood out in the line. Carcieri, who had been used exclusively on defense prior to this game, directed Brown's longest march of the afternoon, a 73-yard advance to the Dartmouth 19 in the fourth quarter.

Dartmouth led in first downs (20-13), rushing (267-74), and in passing (146-99). Jon Meeker, Senior fullback, was the leading ground gainer for Brown, moving the ball 59 yards in 14 carries. Parry again was the leading receiver, with three receptions for 54 yards.

Pennsylvania 18, Brown 15

Brown hasn't defeated Penn at Franklin Field since 1911, but the Bruins came within two feet of turning the trick this year before bowing, 18-15. A fourth-down play left the Bears just short of the Penn goal-line in the dying minutes of a game Brown had dominated most of the way.

In its best offensive performance in two years, Brown made 20 first downs (to 13 for Penn) and rolled up 347 yards, 217 on the ground and 130 through the air. Three times the Bears engineered drives of better than 60 yards, twice coming within two feet of a T.D. and reaching the seven-yard line on the other march. Pass interceptions halted two of the drives.

Brown limited the Penn single wing to 64 yards on the ground, but the pass defense wasn't as tight. The Quakers picked up 129 yards while hitting on nine of 15 passes, and it was through the air that they

gained the vital yardage on the three scoring marches.

A 43-yard punt return set up a Penn field goal in the opening minutes of the game, and a 15-yard scoring pass put the Quakers ahead, 10-0 midway through the second period. Then, Brown went 75 yards in 18 plays, with Dunda hitting Lemire in the end zone with a 15-yard pass 30 seconds before the half ended.

After Penn went 60 yards in the third period to up its lead to 18-7, the Bruins got back in the game when Kelly broke open on a 50-yard scoring jaunt, the longest run from scrimmage for a Brown back since the late George Gorgodian's 77-yarder against URI in 1956.

With six minutes left in the game, the Bears launched what looked like a winning drive. Starting on the Brown 35, Dunda, the Avenel, N. J., Avenger, directed a ground attack that ripped the Penn line apart until it reached the Quaker one with fourth down and the winning score just 36 inches away.

With Penn massed in an eight-man line, Dunda tried to send halfback Moyer straight through on a dive off left tackle. He gained 12 of the necessary 36 inches, and Penn took over with less than two minutes remaining. Rather than punting from the end zone, the Quakers gave Brown an intentional safety, making the final score, 18-15.

Kelly was the game's leading ground gainer with 96 yards in 12 carries. Dunda hit on 11 of 17 passes for 130 yards, and at one stretch had eight straight completions. Mike Allara and Ralph Duerre stood out defensively for the Bruins.

The Freshmen and Jayvees

The Freshman football team lost its first two games, being completely overpowered in the opener by Boston College, 25-0, and then losing 14-12 to Dartmouth in the final minute. Halfback Ken Neal scored twice against the Indians, once on a one-yard buck and again on a 25-yard pass from quarterback Bob Hall. Playing well in the line for the Cubs were Neill Anderson, a 6-1, 180-pound guard from Fulton, N. Y., and Ackley Blocher, a 5-11, 215-pound tackle who comes from Syracuse.

Coach Alex Nahigian's Junior Varsity lost the opener to Quonset Naval Air Station but then came back to defeat Harvard (29-18) and Dartmouth (6-0). Against the Crimson, Lou Vodopivec, John McMahon, Carcieri, and Bob Taylor scored the touchdowns. Vodopivec added three extra points, and Jay Fluck ran for a two-pointer. The Bruins fought off a highly rated Dartmouth J.V. squad for 58 minutes and then went 80 yards in the final minute and a half on the pin-point passing of Sophomore Terry Walsh. He hit Bill Sudell with two 25-yard passes. Bob Taylor for a 16-yard advance, and then Sudell again in the end zone with 20 seconds to play.

In other late action on the football front, the Cubs lost to Harvard, 14-7, and then defeated previously undefeated, untied, and unscored upon Yale, 6-0, in a blinding October snowstorm at Aldrich-Dexter Field. Quarterback Bob Hall stood

out in both games, scoring the touchdown against Harvard and directing the attack smartly against the Elis.

Andy McNeil, 6-1, 225-pound tackle from Wellesley, Mass., was the hero of the Yale game, stealing the ball from a Blue halfback and running 36 yards for the only score of the game. His parents were on hand for the performance. His dad, Don McNeil '40, was a star tackle on the Hill.

Harriers Look Strong

THE BEARS opened their cross country season auspiciously by defeating Yale and Connecticut in a triangular meet (29-36-59) but had its hopes for an undefeated season ruined in the next meet, bowing to Harvard, 27-29.

Yale's national star, Bob Mack, took individual honors in the opener, covering the 5.1-mile Butler course in 27:13. However the Bruins posted a second, third, and fourth with Dave Farley, Vic Boog, and Capt. John Jones finishing in that order.

The Bruins were handicapped in the meet at Cambridge by the loss of veteran runner Bill Smith, who was laid up with a cold. Harvard took a one-two lead with a time of 25:57 for the five-mile course, but Captain Jones, Farley, and Boog grabbed the next three spots for the Bears. "Smith was good enough to have taken a sixth in that meet, and that turned out to be the difference," said one witness.

The Cubs appeared to have another strong team. They posted 19 points while defeating Yale (39) and Connecticut (78) in the opener. At Harvard, they met defeat by the same score as the Varsity, 27-29. A former high school star from Scituate, Mass., O'Donnell, led the Cubs to four of the top five places in the triangular meet with a time of 15:54.5 for the 2.9-mile course. He was New England's leading high school runner the past two years, but he finished second to Harvard's Walt Hewlett, a former California star, at Cambridge. Hewlett spent the summer in New Zealand running some of their tough courses. He finished 30 seconds ahead of O'Donnell.

Mixed Start in Soccer

AFTER WATCHING his soccer team split even in its first four games, Coach Cliff Stevenson was still optimistic about the clubs' chances to improve on last season's 6-5 record. The Bears defeated Rhode Island (5-0) and Dartmouth (2-0) while the losses were to Wesleyan (3-1) and Yale (2-1).

"Unfortunately, our insides, the feeders and the long-ball shooters from outside the penalty circle, were not as effective as I had hoped," Stevenson noted. "However, we have made a few adjustments and I think this team will improve as we go along."

One of the adjustments was to move Bill Hooks from center forward to inside. This had led the Cubs in scoring a year ago with 27 goals. "Bill won't score as much from his new position," Stevenson stated, "but he should help the over-all offense more from out there."

After a sensational 6-2 victory over New York University in an exhibition game, the Bruin offense was both hot and cold through the first four games. Brown outshot Wesleyan, 24-20, but the zone defense employed by the Cardinals forced the Bruins to the outside, and the wings just weren't hitting. The Bears scored first on a shot by Bill Zisson, but Wesleyan tallied twice in the second period and added the clincher just before the final whistle. Before the season started, reports from Wesleyan indicated that they expected their best club in 20 years.

The Bruins ran into another fine defensive club in the home opener against Yale. The pressing Elis continually broke up the Brown plays before they could get started. Hooks scored the lone Bruin goal late in the game after Yale had taken a 2-0 lead.

In an effort to shake up the team, Coach Stevenson made several lineup changes for the Dartmouth game, and when the team took the field seven Sophomores from last fall's 8-2 Cub squad were in the lineup. The Bruin coach also pulled an old trick he used in his days at Oberlin, he had a 30-minute scrimmage between his first and second teams just prior to the start of the Dartmouth game. The tonic worked, for the Bears scored in the opening minutes and went on to play their best game since the September exhibition against N.Y.U. while shutting out the Big Green.

The Cubs remained undefeated, defeating Tabor (3-0) and Wesleyan (6-0). Out-side right George Halmos had three goals in the two games. The Junior Varsity defeated Barrington College in its first outing.

1962 Debut for Hockey

THE SECOND ANNUAL Alumni-Varsity hockey game will be held at Meehan Auditorium on Saturday evening, Nov. 24. A crowd of 1,500 which turned out last winter was rewarded with some fine hockey as the old grads defeated the Varsity, 5-4, on Russ Kingman's goal in the first minute of the sudden-death overtime. Looking for a second straight victory, Coach Jack Skillings '37 had the first of several practice sessions scheduled for the Alumni on Tuesday, Nov. 13 at 7 p.m.

A popular part of the program in '61 was the preliminary game between the "old timers." These Brunonians of ancient vintage will take the ice again this year in a scrimmage of "short duration" between the second and third periods of the Alumni-Varsity game. A pre-game dinner will be held for the old grads, and there will be a general get-together of all hockey alumni after the Varsity game. The program is sponsored by the Brown Hockey Association, and alumni who have not been contacted but who wish to participate should call Jack Skillings at GE 4-7169.

A limited number of season tickets for hockey have been placed on sale. An October announcement said that applications would be accepted as long as allotted space was available but in no event after Nov. 15.

Brown will play host again at Meehan



BEARERS at the funeral of Jack McKinnon were six former athletes whom he had served (with hundreds of others) during his half-century as Brown trainer. Left to right—William J. Gilbane '33, Paul H. Hodge '28, Paul F. Mackesey '32, Harold P. Andrews '16, Frank B. Foster '38, and Edward Kiely '50. The death of McKinnon was reported in our last issue.

Auditorium to seven visiting teams Dec. 20-22 in the second Christmas Invitational Hockey Tournament. Colgate edged Bowdoin, 3-2, in the final last winter, after Bowdoin had defeated Brown, 8-3, in the semi-finals. Normally, this tournament is rotated from college to college. However, the visiting coaches were so impressed with the facilities at Meehan Auditorium that they unanimously voted to return for a second successive year.

In addition to the Bruins, the tourney will include Colgate, Bowdoin, Hamilton, Massachusetts, New Hampshire, Norwich, and Williams. Pairings for the opening day: Hamilton vs. Massachusetts (1 p.m.), New Hampshire vs. Bowdoin (3 p.m.), Colgate vs. Norwich (7 p.m.), and Brown vs. Williams (9 p.m.).

Sports Shorts

A JACK MCKINNON Memorial Fund has been started, with all contributions earmarked for a training room in the new gym to be constructed on Aldrich-Dexter Field. Former athletes and other friends of his who wish to contribute should make out their checks to Brown University—Jack McKinnon Fund, and mail to Box 1877, Brown University, Providence.

A moment of silence was observed in tribute to the former trainer prior to the start of the first home game with Yale.

The sons of five alumni were on the Brown Freshman roster for the opening football game with Boston College. The list included Andy McNeil, 6-0, 220-pound tackle, son of Don McNeil '40; Ken Neal, 6-0, 185-pound halfback, son of Edmund A. Neal '36; Dave Savignano, 6-0, 180-pound halfback, son of Ernie Savignano '42; Bob DeLuca, 5-8, 183-pound center, son of John DeLuca '40; Dave Daly, 5-10, 205-pound tackle, son of Dan Daly '40.

When quarterback Dennis Haufflaire gave Colgate an intentional safety in the closing seconds to help preserve Brown's 6-2 victory, he was following in the foot-

steps of Bob Chase '33 and Ernie Savignano '42. When Brown took the ball away from Yale on the one-yard line late in the 1932 game, Chase had but one thought in mind: to protect the 7-0 lead by giving Yale an intentional safety. Savignano pulled the trick twice in the 1940 season, helping the Bruins defeat Yale, 6-2, and Army, 13-9.

Chase gave credit to Joe Thompson '33 for putting the idea in his head. It seems that he and Thompson had been discussing smart football plays the week of the game, trying in this bull session to go each other one better in telling the best ones they ever heard. In the midst of the conversation, Thompson told the one about the Michigan quarterback a few years before who took an intentional safety to protect his team's margin of three points. Chase had this in the back of his head and knew what to do immediately when Brown made its goal-line stand and took the ball away from Yale.

Ten years ago this fall, Dean Edward R. Durgin recommended that Brown appoint Faculty representatives for all athletic teams, a system followed at most other colleges. The program was established in 1953 and has been highly successful over the years. Appointments this fall included the following: Football—Philip J. Bray '48 (Physics) assisted by two members of the English Department, I. J. Kapstein '26 and Elmer Blistein '42. Basketball—Paul Taylor '54. Hockey—John Gardner (English). Soccer—Bruce Oakley (Psychology) assisted by Harold Pfautz '40 (Sociology). Track—Walter Schnerr (Languages) assisted by Tom Sanders (Religious Studies). Wrestling—Bruce Hutchinson '47 (Admissions). Baseball—George Anderson (English). Lacrosse—Barry Marks (English). Swimming—Francis Madeira (Music). Crew—Durand Echeverria (French).

The 1962 Harvard football brochure is another top-notch job by Baaron Pittenger, former Director of Sports Information at Brown. However, his friends at Brown chided him on one section, the capsule

summary of Sophomore quarterback, Tom Bitodeau. It concluded: His father, Thomas H. Bitodeau, Sr., '37, played football, baseball, and hockey for the Crimson.—He is undecided on his plans for a career."

Acting Athletic Director Edward H. Durgin is a member of the Eastern College Athletic Conference this year, filling out the unexpired term of former Athletic Director Paul Mackesey.

Brown finished fifth in the first formal Ivy League Sailing Championship on the Charles River in Cambridge. Harvard was the winner with 128 points, followed by Cornell (112), Princeton (110), Dartmouth (93), Brown (74), Yale (57), Columbia (52), and Penn (45). Dayton Carr '63 and Francis Wright '64 were the Bruin skippers. At stake was a trophy offered by Emil "Bus" Mosbacher, Jr., skipper of the Weatherly.

At the start of the football season, Prof. Charles Smiley, Brown astronomer, offered this bit of speculation: "The Esso Football Guide for 1962 offers a prediction, for the current season, for each of the Ivy League teams. A plus is used to indicate that this season will be better than the last; Brown and Pennsylvania at the bottom of the pile last year obviously rate a plus, since there is no place for them to go but up. Esso also gives a plus to Princeton, Dartmouth, Cornell, and Yale. Harvard rates a "same", which I take to mean that they will lose about the same number of

games as last year. This leaves only Columbia with a minus. If each of the six teams given a plus wins one more game than last year, and Harvard loses the same number as last year, Columbia must lose six games more than last year. Therefore, one predicts a bad season for Columbia."

Although Yale had the edge in the statistics, Brown's Director of Sports Information, Pete McCarthy, felt that the Elis were fortunate to tie the Bruins Oct. 6 in the mud and rain at Brown Stadium. "After all," he said, "Yale hasn't been able to win in Providence since the Stadium Dedication game 37 years ago." His tongue was in his cheek as he spoke, for Yale had made only one previous visit since 1925, losing 35-29 in the 1958 thriller.

Fritz Pollard '19, Brown's All-American halfback, was interviewed at halftime by Chris Barnes, the voice of Brown football, over WJAR radio between the halves of the Columbia game from Baker Field. Fritz was impressed with Jim Dunda's passing and all-around field generalship and the pass-catching of John Parry.

In the post-game press conference, someone asked Columbia coach Buff Donelli if he had spotted any special weakness in his squad during the Brown game. "Yes," he replied slowly, "I'd say we were weak against 68-yard touchdown marches in the final 58 seconds of play."

Brunonians Far and Near

EDITED BY JAY BARRY '50

1887

THE SENATE of the United States paid a tribute on Oct. 1 to "a Rhode Island institution and an historical monument—Theodore Francis Green." The day was his 95th birthday. A year ago the former Senator observed his birthday in the hospital; in 1962 he was hale at home in Providence, obviously enjoying the annual attention given him by news media, the greetings from former colleagues in Washington, and the University's messages of felicitation to the senior member of its Board of Fellows.

1897

Frank O. Jones was among guests during a recent open house at Salvation Army Camp in Hartford. He is a member of the camp's Advisory Board.

1898

Luke J. Kavanaugh celebrated his 85th birthday on Sept. 13 at his home, 643 Gaylord St., Denver. Memories of his classmates were included in those of the day, we are assured: "To the fine fellows gone, *Requiescant in pace.*" The former State Insurance Commissioner of Colorado reported good health and added: "It's a great world, and it has been good to me."

John A. "Daff" Gammons was featured in an article that appeared in the Brown-Yale football game program. The feature traced his career as a star athlete and successful coach on the Hill. One of the anecdotes told of his participation in the football game with Carlisle on Thanksgiving Day of 1896 at Old Manhattan Field in New York.

"That week," Daff recalled, "I received a letter from my mother saying, 'You are soon going to play those rough Indians. Be careful, son. If you see any danger, get out of the way.'" Daff had this letter in mind as he ran out on the field. The Indian rooters on the sideline were chanting, "Good-bye Brownie, we're going to scalp you now." On the first play of the game, Daff's nose was broken. "When this happened, I began to wonder if this wasn't the proper time to follow my mother's sound advice."

This game was arranged by John D. Rockefeller, Jr., '97, the manager of the Bruin eleven. Daff recalls that John D. Rockefeller, Sr., had a box seat at the game and that he was standing and cheering most of the time. He had quite a bit to cheer about as Brown won, 24-12, thanks largely to Daff's two touchdown runs of 80 and 65 yards.

1904

Alpha F. Leonard, for many years a noted sportsman and businessman on Oak Bluffs, joined the ranks of Vineyard octogenarians last summer. Reversing the usual observance of a birthday, he treated his children to a birthday dinner at a dining establishment. The chief item on his agenda during the long, hot summer was golf. He felt it was about time he took up the game—and he did!

Arthur Upham Pope is President of the International Association of Iranian Art and Archaeology. In this capacity he recently sued the Astor Hotel in New York in connection with a mix-up over a dinner two years ago, with 65 pounds of caviar from the private stock of the Shah of Iran figuring in the alleged embarrassment.

1905

Frederick B. Thurber spent "a spell" in the Jane Brown Hospital in September, but by the month's end he was recuperating at his daughter's home at the shore.

Frank S. Cooke and his wife celebrated their 50th wedding anniversary July 21 at a party in the Marlboro Inn, Montclair, N. J., given by their twin daughters.

1906

The entire herd of more than 100 Ayrshires raised on the Lippitt Farm of Robert L. Knight '06 was sold at auction this fall, with hundreds of breeders attracted to Rhode Island for the affair. The late Mr. Knight, only person ever elected Honorary Life President of the Ayrshire Breeders' Association, was the subject of memorial remarks by the President of the ABA, who spoke of his regret that the 1500-acre farm was closing. He told how the Knight farm had tried to breed "the perfect cow" and cited prizes won—enough to fill the trophy case in the farm office.

Lippitt Farm had been the first to produce an "eight-cow million-pound herd"

Lloyd Killam's Protege

IF YOU READ the *Saturday Evening Post* story on "Hawaii's Hustling Shepherd," recently, you will recall that the Rev. Abraham Akaka expressed his appreciation of Lloyd R. Killam, the Honolulu business man who financed part of his college study. Killam, who received a Brown A.M. in 1911 is Executive Vice-President of the Pacific Laundry & Dry Cleaning Co.

In the 1930s, however, Killam returned to the mainland just as Akaka was finishing college. Killam, engaged in full-time YMCA work, "opened up a new dimension of experience" for the young Hawaiian by placing him on an interracial youth team that filled speaking and singing engagements in churches and clubs in the East. "Killam," says the *Post* writer, "was mentor to the young men."

(eight cows whose lifetime production aggregated that much milk). Last year the farm had a seven-cow million-pound herd—"the dairyman's equivalent of the four-minute mile," as one writer put it. One of the farm's workers, a veteran of 18 years' service, watched the disposal sale from the barn, calling it "years of work gone in a couple of hours."

The auction actually was the first of four held in Rhode Island and Randolph, Vt., to sell Ayrshire cattle, Morgan horses, and farm equipment belonging to Bob. The Randolph farm was a fabulous place, including three huge barns filled with beautiful horses, a riding ring, a show barn, and, of course, a beautiful home. When they heard of Bob's death, several of the citizens of Randolph stated that an era in Vermont was passing. Well, an era in the history of our Class is also passing. One of our most enjoyable events was the annual clambake he hosted at reunion time. The last one was at our 55th Reunion, when 48 were present.

1907

Burnham's Woods, the summer place of the William P. Burnhams on Squirrel Island, Me., has been sold, and the old, familiar address, Box 50, is no more. "For the first time since 1907 we do not own any real estate," Bill reports. "Saw Curtis shortly after the Brown Club meeting, at which we had a great time. Will tell you all about it later."

William F. Huntley, recovered from a broken hip suffered early in this year, is back at his law office, 11 Pemberton Sq., Boston. "I carry a cane to keep me from stumbling," he wrote at the end of August. "In another month I shall be very near back to normal."

R. W. McPhee and Mrs. McPhee are home again in Ann Arbor, Mich., after a West Coast visit to Seattle, San Francisco, and other points. "The Fair at Seattle was stupendous," McPhee says. "But it doesn't cover many acres, and the day we were there it had an attendance of over 72,000, which, however you figure it, made it rather crowded."

Mrs. Bess Searle Chafee, widow of our classmate, Z. Chafee, Jr., died in Cambridge, Mass., Sept. 2. Claude R. Branch, who was an usher when the Chafees were married July 20, 1912, attended the funeral service in Harvard Memorial Church.

Harry H. Thurlow has changed his address to 1003 Eddy St., Edgewood 5, R. 1.

A. H. GURNEY

1908

Ely Palmer is circling the earth, visiting erstwhile friends associated with him formerly in his diplomatic service at many hot spots.

Tommy Thomas has been busy speaking as Chaplain of the 77th Division at its New York convention; as preacher at various churches every Sunday; and as visiting preacher at Lenten Services at Grace Church, Providence, last spring.

Former Governor Norman Case keeps in close touch with politics, and he was

THE SIXTH GENERATION came to Brawn when Edward T. Burgess of Providence and his cousin, Martha Burgess of Needham, Mass., entered as Freshmen in the Classes of 1966 at Brawn and Pembroke. Edward is the son of Dr. Alexander M. Burgess, Jr., '33 and grandson of Dr. Alexander M. Burgess '05. Beginning the succession was Thomas Burgess, 1800; others were: Alexander, 1836, and Thomas, 1870. Martha is the daughter of Dr. Samuel B. Burgess '38. About 40 other related Burgesses came to Brawn.



visited several times early this fall during the R. 1. primary campaign by gubernatorial candidate John Chafee.

When the wife of President Ben Frost died recently, the Class sent flowers, letters, and wires of condolence.

1910

Bill and Hope Freeman entertained the Class Officers and their wives in late August at their attractive home in Tiverton, R. 1. Present were Hoke and Peg Horton, Lester and Mildred Round, Claude Wood, and Ed and Beatrice Spicer.

The Spicers sailed for Europe soon afterward and are due home on Nov. 19, after more than two months of travel, mostly in Switzerland and Italy.

Steve Pyle was back in the East in August, temporarily in New York City.

Elmer S. Horton has been elected to the Executive Committee of Region 1, Boy Scouts of America. We always said Hoke was a "good scout."

ED SPICER

1911

Dr. Robert Cushman Murphy flew to Paris at the end of August to attend the International Symposium on Antarctic Biology as one of the U.S. representatives. Mrs. Murphy went with him.

1912

Max L. Grant is serving as an associate director of the 1962 fund-raising campaign of the General Jewish Committee of Providence.

1913

The Rev. Charles H. Ricker, Rector of St. Wilfred's Episcopal Church in Sarasota, Fla., writes of his intention to attend the June reunion of the "great and illustrious Class of 1913." In Providence for only two hours last summer, he also has hopes

of coming north for the Advisory Council meeting in February.

1916

Harold M. Messer served as Chairman at the 50th Reunion of his class at Colby Academy, New London, N. H., last June. The reunion that was held on the campus of Colby Junior College for Women, an institution that grew out of the old Academy in 1928. Other Colby Academy and Brown men present at this reunion were E. Sykes Goodwin '05, Arthur Newell '12, Ralph Hurlin '12, and Bill Hurlin '16.

Dr. Bancroft H. Brown, retiring Cheney Professor of Mathematics at Dartmouth College, received the honorary degree of LL.D. from St. Anselm's College in June.

1918

R. S. Bosworth, Editor of *The Bristol Phoenix* since 1928, had an open house this fall to celebrate the 125th anniversary of the paper, one of Rhode Island's oldest. While his editorials have not always taken the popular side of issues, they have always been fair. "I would rather have a person tell me they didn't like an editorial than not to say a word," he stated. "At least when they complain I know they have given the matter some thought."

1919

Daniel Coggeshall, Postmaster in Bristol, R. 1., was featured in a recent issue of "The Rhode Islander," supplement to *The Providence Sunday Journal*. The former Democrat Party whip in Bristol, Dan was described in the article as a man who "never has been one to back away from a political hassle."

Willis B. Downey retired Aug. 1 as General Counsel of the Metropolitan Transit Authority but remained as a consultant of the Massachusetts firm.

Fritz Pollard was interviewed between

the halves of the Brown-Columbia game from Baker Field over Providence radio station WJAR, which carries all the Brown games this fall. Fritz recalled his days in professional football and paid tribute to "the two men who taught me all I knew about football—Edward North Robinson and Bill Sprackling."

Archibald M. Dodge, like so many other Brunonians, is aiding the college in the area where he resides. He is Chairman of the Wills and Bequests Committee of the Trustees of Bates College. He lives in Cape Elizabeth.

1920

Dr. John W. Harriman, Professor of Finance at the Graduate School of Business Administration of New York University, has been named Acting Associate Dean of the School. He joined the N.Y.U. Faculty in 1953, following service at both Dartmouth and Syracuse.

Dr. Cono V. Stifano has received a temporary appointment as Chief of the Pharmacy Section in the R. I. Division of Food and Drug Control. Dr. Stifano, who has been in the State service for 27 years, is a senior epidemiological investigator in the Health Department.

1921

Dr. Maurice M. Pike has discontinued his private practice of orthopaedic surgery in Hartford and has accepted an appointment as Chief of the Orthopaedic Surgery Section at the Veterans Hospital in Newington, Conn.

Ralph D. Standish is in San Juan, Puerto Rico, where his address is: Box 1288.

1922

Charlie Cole is still with the Andover Companies, but he may retire this spring and do some traveling. One spot he hopes to hit is California, where the main attraction is a granddaughter. Some classmates still enjoy the witty "Teepee Tillie" ads of the Merrimack Mutual Fire Insurance Co., with which Charlie is associated.

Rev. and Mrs. Edward A. Bullock of Brewster, Mass., celebrated their 40th wedding anniversary Aug. 15.

1923

When Louis L. Redding went to Detroit to receive the Franklin D. Roosevelt Award from the National Lawyers Guild, he had an interesting reunion with Chet Allen and Dr. Samuel B. Milton. Allen lives and practices law in South Bend with his wife and son, while Milton is a successful physician in River Rouge.

Dr. William G. Heeks has assumed new duties as Corporate Medical Director of the Sprague Electric Co., North Adams, Mass.

Theodore R. Jeffers is President of The Players of Providence this year, already embarked on an active season.

"Be seeing you in June, I hope," T. G. Simmons writes from Sarasota. Pete had not learned of Eben Morse's death until he tried to see him in his real estate office. "Eben was very well liked in Naples—as we all know he would be," Simmons says.

1924

Dr. G. Halsey Hunt, former Chief of the Division of General Medical Sciences, National Institutes of Health, has been awarded the Meritorious Service Medal of the Public Health Service for superior performance and achievement. Dr. Hunt, who retired this year with the rank of Assistant Surgeon General after 26 years of service, is serving as Associate Executive Director of the Educational Council for Foreign Medical Graduates, Evanston, Ill.

Clarence C. Chaffee of Williams College was cited with four Faculty colleagues at the June Commencement, we read in the latest issue of the *Williams Alumni Review*. They were "five who were hired by one President, have served Williams nearly a quarter of a century under his distinguished successor, and retained the resiliency to greet and greatly assist a third in the conduct of this College."

Rev. Paul L. Snyder has been named Pastor to Pine Bush and Walker Valley Methodist Churches in New York State.

Friends of the late Robert G. Inman, lamenting his death, have made a generous start on a fund in his memory at Brown University. Sent "in lieu of flowers," the checks will go towards acquisitions to the John Hay Library, where each new item will carry an identifying bookplate. The procedure had the grateful approval of Mrs. Inman.

Edward R. Place is with the Department of Information of the National Coal Policy Conference, Inc., at 1000 Sixteenth St., N.W., Washington 6, D. C. The organization is composed of coal companies, the United Mine Workers of America, coal-carrying railroads, utility companies, and coal-equipment manufacturers, to advance the interests of the bituminous coal industry. Ed went with the Conference in February and says: "The lack of coal mines in



J. CLARKE FERGUSON '31, a 27-year veteran with American Airlines, has been named Boston Manager, following a similar post in Cleveland. Earlier he had been District Sales Manager in Chicago after 10 years there as Director of Sales for the Central Region. (Moffett photo)

Rhode Island will keep me from making any business trips in your direction."

1925

Edson C. Lockwood, home for a year on leave from his missionary work in Ceylon, sailed from New York in late August on a return voyage to his former assignment. Since 1936 he has taught at Jaffna College in Vaddukoddai, Ceylon, with the exception of a four-year stretch during World War II when he taught at Mt. Hermon School.

Malcolm Graham has been named Manager of the Old Greenwich office of the State National Bank of Connecticut. The reassignment of Mal from the Greenwich executive office of The State National to be Manager of the Old Greenwich was in the nature of a homecoming for him, for he was the first manager when the facility opened in 1957.

1926

Edward L. Friedman, Providence attorney, has been elected National Secretary of the Workmen's Compensation Section of the National Association of Claimants' Counsel of America. He is a former chief of the Workmen's Compensation Division in the State Labor Department.

R. Franklin Weller, Retail Trade Board Manager, has been elected Secretary of the Greater Providence Chamber of Commerce Retail Trade Board.

Matthew W. Goring has been elected to the Board of Governors of the University Club of Providence.

Samuel W. Thomas, Jr., a 30-year veteran of the Attleboro School System, was named Superintendent of Schools in that community Sept. 1. He had been serving as a junior high school Principal.

Prof. Elmer R. Smith went on the air over WJAR between the halves of the Brown-Colgate football game. He described the University's Extension program, which he directs in addition to his work as Chairman of the Department of Education. The interview was taped.

1928

The 35th Reunion Committee is meeting this fall to set up plans for June. Clint Owen and Al Lisker are serving as Co-Chairmen, and they are now accepting suggestions from classmates on the format for '63. Write to Clint at 15 Humboldt Ave., Providence, and to Al at 122 Fosdyke St., Providence.

Dr. Arthur Faubert was in Providence for a few days and reported that his Brattleboro, Vt., home had been remodeled. Art continues active in the Legion and the Elks.

George C. Horr was a proud man in September when the new St. Dunstan's Day School in Providence opened its first year with 90 students and eight teachers. Horr is the Headmaster of the new institution, which is "the lineal if not the legal descendant" of the old St. Dunstan's School at 170 Hope St. The successor corporation is leasing the old Benefit St. School from the City of Providence for a dollar a year but spent \$20,000 to refurbish.

bish the property, which dates from 1839.

Robert F. Marschner spoke in September before the chemical literature group of the Chicago section of the American Chemical Society. Dr. Marschner is Assistant Director of Information and Communications in the Research and Development Department of the American Oil Co.

Dr. Jesse P. Eddy, 3rd, has been named to fill a one-year term on the Board of Directors of the Greater Providence Chamber of Commerce. He had been serving as Chairman of the Chamber's Health Council for the past two years.

William R. Powers of West Hartford has been appointed Director of Plant Operations and Transportation for First National Stores, a position that will include direction of all warehousing and transportation for an eight-state area of operation.

Edmund I. Waldman is President and Treasurer of Walco Electric, a Rhode Island firm he formed in 1931. The story of the company's growth over the years was told in the Business Finance Industry section of the *Providence Sunday Journal* Sept. 23.

It is difficult to express our feeling of loss in the death of Hi Caslowitz. Over the years, few alumni were more devoted to Brown. Among other things, he was a one-man adjunct to the Athletic Ticket Office and took it upon himself to distribute football tickets to alumni in his Woonsocket area. Hi, himself, missed few football games since graduation, sticking with the Bruins in the bad years as well as the good.

JACK HEFFERNAN

1929

George M. Schlegel, formerly Superintendent of Schools in Chickamauga, Ga., and now Director of Guidance for the schools in Douglas, Ga., recently became a charter member of the Douglas Rotary Club and is serving as its Treasurer.

Claude L. Belknap has been named Vice-President of the Rhode Island Hospital Trust Co., moving up from the position of Trust Officer in charge of the bank's Tax Department.

1930

Hubert C. Hodge, Secretary of the American Buckle Co., West Haven, Conn., has been elected a member of the Board of Directors of The Tradesmen's National Bank of New Haven.

1931

M. McAllister Clarke, Vice-President of the Continental Illinois National Bank & Trust Company of Chicago, made the long trip to Hamilton, N. Y., to see the Bruins defeat Colgate, 6-2, in the Sept. 22 opener. "The reward was worth the effort," he noted.

Dr. H. D. Warren is Director of Medical Education at the Eastern Maine General Hospital, Bangor. During the summer, he attended the third annual Medical Genetics Course in Bar Harbor.

Lawrence G. McGinn, Superintendent of Schools in Lynn, Mass., has served as one of the section chairmen in the Civic Divi-



SHARPLES CORPORATION of Philadelphia received the national "E for Export" award in September in recognition of achievement in increasing its shipments of centrifugal machinery to overseas markets by 400%. The firm, of which Eugene C. Swift '42, right, is President, was the first so honored in Philadelphia. Swift received the award from Secretary of Commerce Luther Hodges at a dinner sponsored by the Foreign Traders Association and the International Commodity Handlers.

sion of the 1962 Greater Lynn United Fund Campaign.

William R. Kinnaird of Winnetka, Ill., has been named a Senior Vice-President of McCann-Erickson, Inc., advertising agency.

Joseph Galkin is Executive Director of the General Jewish Committee of Providence for the 1962 fund raising campaign.

1932

Gerald I. Glunts, a certified public accountant of Boston, has been elected a member of the Executive Committee of the Massachusetts Society of Public Accountants, Inc. He is also Chairman of the Society's Committee on Consultation Services.

1933

The Rev. and Mrs. S. Read Chatterton of Edgartown, Mass., announce the marriage of their daughter, Louise (Pembroke '62), to David Barton Smith, son of Prof. and Mrs. Henry Clay Smith of East Lansing, Mich., summer residents of Martha's Vineyard. The wedding took place in the Federated Church of Edgartown, where Read is Minister.

Dr. John Hazard Wildman, Professor of English at Louisiana State University, spent the summer in Mobile, where he did some writing. To date, he has three novels published, including *Peter Marvell*, *Fever*, and *Sing No Sad Songs*.

Morris Gordon is teaching math at the high school in Rockland, Mass.

1935

The Rev. Walter S. Peck, Jr., has retired from the Navy, where he served 21 years in the Chaplain Corps. During the summer of 1961, Bill conducted the survey that led to the establishment of the Presbyterian Church in the Englewood-San Souci area of Jacksonville, Fla.

LeRoy H. Clem has been named Director of Scientific Liaison at the Travelers Research Center and will serve as a liaison between the Center and Government organizations.

Henry W. Connor has been named to the new post of Executive Director of the Newark Association of Commerce and Industry. He will retain his present positions as Executive Director of the Greater Newark Development Council and Director of the Bureau of Municipal Research.

Stanley Henshaw has been elected President of the Insurance Association of Providence.

Vincent DiMase was honored in September as Citizen of the Month by the Government Research Bureau. Vin is Director of the Department of Building Inspection in Providence.

1936

Paul Connolly, ill at home in Pawtucket,



WHEN Miehle-Goss-Dexter, Inc., instituted its college gift-matching plan through its Foundation in Chicago, the first to take advantage of it was the MGD's Controller. Writing his check for Brown University, William M. Koiser, Jr., '43 is shown above. The Foundation Vice-President, J. B. Brown, responded with a matching check, also for the University.

was greeted over the air between the halves of the Brown-Colgate game when Al Kelley, former Brown coach, was being interviewed over WJAR. Connly and Kelley have long been close friends.

Warren R. Daum, formerly Vice-President of Sales with Roto Cylinders, Inc., Palmyra, N. J., a gravure engraving concern, has been named Executive Vice-President of the Gravure Technical Association, 30 Rockefeller Plaza, N.Y.C.

Bob Bromage's son, Bob, Jr., was one of three players in the Hartford Courant-Jaycee baseball league to receive Most Valuable Player trophies at the close of the season.

1937

Charles E. Hughes of New York City, who was a Visiting Critic at the Rhode Island School of Design last year, will be Visiting Lecturer in architecture this season.

Harlan L. Paine, Jr., has been named Director of the Quincy (Mass.) City Hospital. A career man in hospital administration, he recently returned from Beirut, Lebanon, where he had been Director of the American University Hospital since 1959.

1938

Dr. Samuel H. Rubin this fall received an engraved silver bowl in recognition of his medical contribution to Fitkin Hospital and to the community. A resident of Neptune, N. Y., Dr. Rubin was Director of the Department of Medical Education at Fitkin Hospital from the time it was established in 1958 through last June.

Samuel G. Hall, Resident Manager of the

Draper Corp., Beebe River, N. H., is active in Boy Scout affairs. He is a member of the Daniel Webster Council Executive Board and is Chairman of the Lakes District Committee.

Dr. Anthony C. Shabica of Livingston, N. J., has been named head of CIBA Pharmaceutical Company's new developmental research center at Summit, N. J., a new \$2.7 million research facility. He is Chairman of the New York Academy of Science and a member of the Executive Board of Orange Mountain Council, Boy Scouts of America.

Merrill Hassenfeld, President of Hassenfeld Bros., will head the fund-raising campaign of the General Jewish Committee of Providence for the third straight year. He was pictured in the paper in September digging the first shovelful of earth for his firm's \$1,300,000 distribution center at the Pawtucket Industrial Park.

The Rev. Howard C. Olsen, Rector of St. Barnabas Church, Warwick, participated in a discussion period at the annual Newport Laymen's Conference for Episcopalians Sept. 8.

1939

Norman L. Guy, Jr., summered on Martha's Vineyard on one of his triennial visits to North America. He is Vice-President and Manager for American Home Products with headquarters in Cali, Colombia, at Apartado Aereo 12-14. Guy's daughter, a 1962 graduate of Lincoln School in Providence, is a Mount Holyoke Freshman.

Raymond S. Penza has been named as an instructor in the Mathematics Department at Providence College.

John S. Davison, senior partner of Davison & Ivimey, attorneys at law, has been named to the Advisory Board of the National Commercial Bank & Trust Co., Hoosick Falls, N. Y.

1940

Irving Twomey has been appointed to the Town Building Committee in Manchester, Conn. Last winter, he was named Manager of Engineering Operations at his research laboratory in East Hartford.

Melvin B. Swartz has been promoted to Associate Professor of Social Sciences at Pace College, where he has been a member of the Faculty since 1956. Dr. Swartz is a certified psychologist in New York State.

Congressman William H. Bates (R-Mass.), a member of the House Armed Services Committee, was on hand to welcome General Douglas MacArthur during a Congressional reception on Capitol Hill this fall and to inform him that a street in Danvers, Mass., had been named in his honor.

1941

Robert F. Parkinson, who began his Boy Scout career as a youngster in Pawtucket 32 years ago, has returned to Narragansett Council to be its Scout Executive. He succeeds the man who was his early inspiration, J. Harold Williams '18. For the past four years, Bob had been Scout Executive for the Borough of Manhattan in New York City.

1942

The dedication and presentation of the William R. Potter Memorial will take place at Aldrich-Dexter Field on Nov. 10 between halves of the Brown-Cornell soccer game. Donations from classmates, fraternity brothers, and friends have made possible the memorial, which will be a water fountain on Aldrich-Dexter Field.

Associate Justice Joseph R. Weisberger of the Rhode Island Superior Court was the guest speaker at the 17th annual conference dinner of the New England States' Employees' Associations in Newport this fall. He told his audience that state employees perform the important function of putting into immediate practice the ideals for which the United States is unique.

Edwin F. McGowan has been promoted to Assistant General Manager of the Wyandotte Worsted Co., Pittsfield, Mass. He will share responsibility for the operation of the firm's five mills throughout New England. Ed's grandfather founded the firm in 1907.

Howard M. Arnold, Jr., Vice-President and General Manager of Gladdings, Inc., of Providence, has been named 1st Vice-President and a member of the Board of Directors of the department store firm.

1943

Jack Morris, former District Manager in New York and western Connecticut for *Purchasing Magazine*, has been promoted to Eastern Regional Manager. His office will be at the company headquarters, 205 East 42nd St., New York.

Henry J. Ellis has been promoted by the Public Service Company of New Hampshire to the post of Manager of General Construction and Maintenance, Manchester, N. H. A resident of Dover in recent years, he had been a member of the City Council and the town's Acting Mayor.

1944

Edward Dolbashian, Portsmouth attorney, served as a member of the Citizens' Advisory Curriculum Committee in that town. During the summer, the group presented a report on the development of the social studies program for secondary schools.

Charles Nathanson has been elected President and Treasurer of Soluol Chemical Corp., West Warwick, R. I., succeeding his father, the late Joseph G. Nathanson '14.

Willis G. Nealley, Jr., has joined Security National Bank of Long Island as Assistant Manager at the Huntington office.

Louis V. Jackvony lost out on his bid to defeat John Chafee in the GOP primary Sept. 11 in Rhode Island, polling 11,156 votes as compared to 18,624 for his opponent, the son of John S. Chafee '18.

1945

William J. Barton has been appointed to the Board of Directors of the 700-member International Trade Club of Chicago. Bill is Regional Vice-President of Business International Corp., a New York publishing research and advisory committee.

John M. Willemsen is in Guatemala City as Assistant Manager of Amos-Anderson, S.A.

1946

James Stewart has been appointed a Vice-President of Wm. Esty Co., 100 East 42nd St., New York City. Jim, who joined the advertising company in 1953, works on the Union Carbide Consumer Products Company account.

Edward H. Simpson has been named Assistant Secretary with Travelers Insurance Companies. For the past seven years he had served as an examiner in the life, accident, and group claim department.

Clarence F. Roth, Jr., has been named an Assistant Secretary in the Reinsurance Department with Connecticut General Life Insurance Co.

Howard E. Drew, Factory Manager at the Chicopee Falls plant of the United States Rubber Co., has been named Manager of the company's new \$20 million plant at Opelika, Ala.

1947

James Lalikos has been named chief engineer with Titeflex, a division of Atlas Corp., with offices in Springfield. Prior to coming with Titeflex four years ago, Jim had been a project engineer for United Shoe Machinery Co. He is a member of the American Society of Mechanical Engineers and is serving as Executive Vice-President of the Western Massachusetts section of that organization.

Arthur B. Dunbar, Jr., veteran Washington, D. C., reporter, has joined the News Service of the Association of American

Railroads. He will be located in the Transportation Bldg., Washington, D. C. Brad began his newspaper career with the *Providence Journal-Bulletin* in 1948 and has been on the staff of the American Aviation Publications since 1960.

Dr. Raymond H. Holden has been named Associate Professor of Psychology at Rhode Island College. For the past decade, he served as psychologist for the Meeting Street School and the Child Development Study at Brown.

1948

Robert M. Stronach has been named Assistant to the President of the Narragansett Electric Company, Providence. He had been Executive Assistant at the parent company, New England Electric, since 1957.

Fred R. Collins has been promoted to Assistant Chief of the Process Metallurgy Division at Alcoa Research Laboratories, New Kensington, Pa. Fred is active in his community, serving as President of the Birdville PTA and Chairman of the official board of Natrona Methodist Church.

Stephen C. Brush has joined the faculty of Nichols College of Business Administration, Dudley, Mass.

J. Warren Thomas has been elected to the Executive Committee of The Jewelers Board of Trade, Providence. He is Assistant Treasurer and Credit Manager of the Gorham Co.

1949

Robert H. Prater has been appointed Resident Superintendent for Monsanto Chemical Company's Building Products Department at Kenilworth, N. J., after serving in the same capacity for the Plastics Division at the Everett, Mass., plant.

William S. Steinecke, Jr., a man who has



N. M. MARSHALL '44 has been named General Manager, Industrial Marketing, by the GPL Division of General Precision, Inc. Among the firm's products are navigation and radar systems for manned aircraft and space vehicles, and other areas of communication and electronics.

studied and written about the social life in Turners Falls, Mass., for the past 13 years, began teaching social studies at Turners Falls High School in September. Bill had been a reporter on the *Recorder Gazette* prior to accepting his new position.

Dr. Melvin J. King has opened new offices at 48 Bank St., Attleboro, Mass. He has also been appointed to the medical staff at Sturdy Memorial Hospital.

Dr. Harvey S. Whipple, a member of the dental firm of M. A. Denby & Associates, Warren, R. I., will be a candidate for election to the non-partisan school committee in that town this month.

Bruce E. Porter, a seven-year veteran with Shawinigan Resins Corp., has been transferred to Chicago with expanded responsibilities as a District Manager.

Joseph P. Agronick has been transferred to Los Angeles and will be responsible there for all the personnel services of George Fry & Associates, management consultants. The duties will include executive recruiting and other activities related to personnel. Agronick has been in the Chicago office of the firm.

Frank J. Pizzitola has been appointed Vice-President of Operations by Celanese International Corp., a division of Celanese Corporation of America. He also will serve as President of Amcel Co., Inc., and Pan Amcel Co., Inc., Celanese export sales affiliates.

John C. McClain and Stephen M. Garratt have been promoted by Connecticut General Life Insurance Co. John was named Regional Reinsurance Manager and was transferred to Texas. Stephen has been named Assistant Secretary in the Reinsurance Department.

Alfred Buckley, Jr., has been elected Vice-President of the University Club of Providence. Serving on the Board of Governors is James P. Elder '48.



JOHN MACARCHUK '48 has become Associate Group Actuary with the State Mutual Life Assurance Company of America, with headquarters in Worcester. He had previously been Manager of the Mathematical Department, Assistant Actuary, and Associate Actuary. He is a Fellow in the Society of Actuaries. (Marvin Richards photo)



PETER J. PETROPOULOS '50, former Manager of Corporate Promotion for the Worthington Corporation, has been appointed Advertising and Sales Promotion Manager for the Nougotuck Chemical Division, United States Rubber Co. He is a Director of the New Jersey Chapter in the Association of Industrial Advertisers and was named its "Advertising Man of 1961."

Cyrus G. Flanders, Jr., has been named to fill the vacancy on the Board of Tax Review in Windsor Locks, Conn.

1950

Bob Cummings, our genial Class Secretary and owner of the Providence investment firm of Cummings & Co., has been elected Treasurer of the Mayflower Savings & Loan Association, Rhode Island's first new savings and loan association in 35 years. The firm opened its doors for business Sept. 4 at 357 Reservoir Ave. in the Reservoir Avenue Shopping Plaza.

Bill Pattee has a new position as teacher in the Upper Division of Grace Chapel Parish Day School, Jacksonville, Fla. He and Pam and the kids had an interesting summer at Camp Immokalee, a YMCA camp at Keystone Heights, Fla., where Bill was Program Coordinator. He was also Village Director for the 12-13-year-old boys and, on several occasions, he conducted chapel services. "The summer was real hot, and maybe next year I'll try a summer camp in New England!"

Dr. Tien-Chi Chen has been promoted to senior programming at the IBM Development Laboratory, Poughkeepsie, N. Y. Dr. Chen joined IBM as an associate physicist in 1956 and is currently in charge of the study of problem-solving potential of high performance digital computers.

Salvatore F. Arena, Middletown, Conn., attorney, has become associated with the law office of Carlos B. Ellis at 363 Main St. He obtained his law degree from Columbia last June and was admitted to the Connecticut bar Aug. 14.

Ernest V. Perreault has been promoted to the position of auditor with the South Shore National Bank. Employed by the Massachusetts bank since 1952, he had

been the assistant auditor since 1958. During the summer, Ernie completed a three-year course of a professional banking school sponsored by the National Association of Bank Auditors and Comptrollers at the University of Wisconsin.

Carl L. Foehr, an underwriter with Automobile Mutual Insurance Co., was awarded the C.P.C.U. designation Sept. 27 in Dallas at the national conferment exercises of the American Institute for Property and Liability Underwriters, Inc.

John Dator served as Campaign Chairman for the United Fund of Fall River in its annual campaign this fall. No stranger to the United Fund team, John was Chairman of the first United Fund blast-off dinner in 1959.

Anthony R. Manyak has joined the Marco Chemical Corp., Elizabeth, N. J., as assistant to the manager of research and development.

Canon Peter R. Lawson resigned last summer from the staff of Trinity Episcopal Church in Newark, N. J., to set up a downtown evangelistic program for the Diocese of Indianapolis.

Chester O. Fischer, Jr., is President of the Trend Realty Corp., which has moved to new offices in Longmeadow (Mass.) Shops, a shopping center just outside Springfield.

David Miller is teaching Marine Ichthyology at the Children's School of Science at Woods Hole, Mass. For nine years, Dave has been a fisheries research biologist at the Bureau of Commercial Fisheries Biological Laboratory in Woods Hole.

Rep. Robert Breslin (R-Warwick) this fall called for a code of ethics and a corrupt practices law covering all State employees and legislators in Rhode Island. Bob was a candidate for reelection.

William J. Samos is Principal of the Black River High School, Ludlow, Vt. Bill had been in Rhode Island as co-ordinator for the Johnston school system.

Harry S. Westcott is also a school principal, serving at the Davisville School in North Kingston, R. I.

Robert S. Orcutt was the GOP candidate for reelection as State Representative from Guilford, Conn., this month. He has served two terms. Bob is an industrial engineer at United Aircraft Corp., East Hartford.

George R. Fiddes, who has been a member of the Tax Department at the Rhode Island Hospital Trust Co., since 1951 and Tax Supervisor since 1960, has been elevated to Assistant Trust Officer.

Donald R. MacDonald has been named Treasurer of Petersen-Rowlands, Inc., Burlington, Vt., insurance agency. He had been Assistant Manager of the Travelers Insurance Co., Manchester, N. H.

1951

Dr. Larry Coletti was written up in the July issue of *Cosmopolitan* magazine for performing a difficult, life-saving operation on a premature baby, who, before surgery, had only a one-in-10 chance of living. His accomplishment, which was performed at St. Luke's Hospital in New York, was described in the article as "a remarkable surgical feat."

Richard Gempp has been named Development Director for the Taunton plant of the New Jersey Rubber Co. For the past six years he had been a research chemist at the Kleistone Rubber Co., Warren, R. I.

Ormston Aldred has been named a Vice-President with Gladdings, Inc., Providence. He started with the store eight years ago, and most recently he has been Divisional Merchandise Manager.

Allan Robbins has been named Special Assistant for International Business in the office of the Under Secretary of State. He will be the focal point in the State Department for problems encountered by American businessmen in their encounters with foreign governments. Since leaving the Hill, Al has studied at Wisconsin and Columbia, owned a brick business in Canada, and been active in the international textile business and securities field in New York.

Dr. Saverio Caputi, Jr., who recently completed a three-year residency at the Peter Bent Brigham Hospital and the Children's Medical Center, Boston, has passed his specialty board examination in radiology and will practice in Haverhill, Mass.

Capt. Carl D. Peterson, USMC, has been assigned duties as Inspector-Instructor of the Third Communications Co., Force Troops, Fleet Marine Force, U. S. Marine Corps Reserve, Rochester, N. Y.

Dr. John M. Brodgen has opened an office at 103 Whitfield St., Guilford, Conn., for the general practice of surgery. He will be associated with Grace-New Haven Community Hospital while maintaining his Guilford practice.

Norman R. Marcoux has been named Instructor in Mathematics at Scarsdale (N. Y.) High School, following 11 years at Portsmouth Priory in Rhode Island.

Gordon Schonfarber, Jr., has been elected First Lieutenant Governor of the First District, Advertising Federation of America. He is President of Gordon Schonfarber & Associates, Providence.

Robert D. Kasmire has been appointed Director of Corporate Information for the



STEPHEN R. COTTRELL '57 has gone to Lafayette College as a Physics Instructor.

National Broadcasting Co. He joined NBC in 1959.

Roland H. Dunlop has been named Manager of Distribution for Monsanto Chemical Co.

1952

Edmund Traverso is head of the Social Studies Department at Hamilton-Wenham Regional High School, Ipswich, Mass. Last summer, he worked with a group at Amherst College, preparing history units for high school use. During the summer of 1961, the Traversos and their four-year-old daughter were in Mexico, where Ed studied archeology at Mexico City College.

Leo Vine, attorney in Shelton, Conn., has been serving as campaign manager in that town for former State Senator Norman Hewitt, who sought election in Fairfield.

Dr. Irwin Kaplan has been named President of the Rhode Island Podiatry Society.

Lawrence A. Kaufman, Baltimore attorney, has been appointed Chairman of the committee on continuing legal education for the Junior Bar Association.

Herbert S. Alexander has been named Assistant Professor of Psychology at Washington College, Chestertown, Md. He had taught at the University of Maryland and Upsala College.

Paul E. Seifert has become a partner in Prox Furniture, Danbury, Conn. A member of the organization for the past three years, Paul will now have responsibility in the areas of sales, promotion, and publicity.

Peter T. Case is a member of the Social Studies Department at Westwood (Mass.) High School. He has his Master's from B.U.

1953

The 10th Reunion Committee met at the home of Joseph C. Johnston, Jr., Chairman. Dick Mendelsohn, Class Secretary, came on from Long Island to help the group get started. Others who were present included Reunion Secretary Jesse James, Larry Goldberg, Dick Wilkins, Charley Freeman, Larry Gladstone, Harry Hauser, and Dr. Nick Pliakas. Further reports will appear in this column each month through the spring, and a reunion brochure will go out to all classmates.

Joseph L. Tauro has been elected to the Board of Directors of the Security Trust Co., Lynn, Mass. A former Assistant United States Attorney and former Assistant Legal Counsel to Gov. John A. Volpe, Joe is a partner in the Lynn law firm of Jaffee and Tauro.

Howard A. Farrands has been named an Assistant Professor in the History Department at Bloomfield College. He joined the New Jersey institution in 1961 and has taught Western Civilization and Russian History. He took a course at Wesleyan University during the summer.

Donn H. Worth is President of the newly-formed Mechanical Maintenance Co., servicing heating, ventilating, and air conditioning systems from 1009 Farmington Ave., West Hartford.

Lawrence Y. Goldberg is serving as the

Young Adults Campaign Chairman of the 1962 fund-raising campaign of the General Jewish Committee of Providence.

John A. Sisto, International Officer in the International Division of the First National Bank of Boston, was given the following introduction in a recent publication of the bank: "Having visited or lived in every Central American country, John Sisto can call on a wealth of background as Supervisor of bank and commercial accounts in Mexico and the Caribbean area. Mr. Sisto utilizes four years of international banking experience and a fluency in Spanish in his travels to Central America. He calls on the leading banks in the area for The First and takes special note of the always changing business climate there." One of Sisto's "First-Person Reports" was widely distributed by the bank recently—on the Dominican Republic. He felt the country "stands on the threshold of what can be a great era of prosperity." A "paramount assumption" would be the provision of U. S. aid.

Tom Spruth and Sue were on hand at Hamilton to celebrate the victory over Colgate. "A wonderful feeling to finally participate in a victory celebration," Tom reports. He is District Manager with the Bell Telephone Company of Pennsylvania, and as of Oct. 24 was located at his new home: 76 Elmcrest Dr., Dallas, Pa.

The Rev. Edgar F. Staff has joined the staff of St. Mark's Church, Riverside, R. I., as Curate. He attended the summer session at the University of the South (Sewanee).

1954

Jacques Lipetz, having completed his two-year post-doctoral WIH fellowship at the Rockefeller Institute, has accepted a position as Assistant Professor at Manhattan College. He is one of four scientists staffing a new plant cancer research laboratory. Recently, he was elected Co-Chairman of the Scientists' Committee for Radiation Information, a group of scientists in the New York area devoted to informing the public about the scientific aspects of radiation.

Robert E. Naylor has been named Director of Export Sales and Assistant to the President of Toch Bros., Inc., Eastchester, N. Y. He had been at Owens-Corning Glass Corp., where he was manager of U. S. sales for export.

Albert D. Kelly, Jr., is teaching math at Foxboro (Mass.) High.

Stanley H. Burdick has become a partner in the law firm of Clark, Hall, and Peck, 129 Church St., Branford, Conn. Stan is President of the New Haven County Bar Association.

S. Thomas Gagliano has been named attorney for the Planning Board in Oceanport, N. J. He is with the firm of Potter & Fisher, 495 Broadway, Long Branch.

1955

Ken Chambers has been working for the Permacel Division of Johnson & Johnson since his release from Air Force duty as a helicopter pilot in 1959. He was a sales representative and for about a year now has been a product manager. There are



J. GORDON SCHONTZLER '52 has been named Marketing Product Manager for the Mountain View Operation of Raytheon's Semiconductor Division. He will direct marketing programs for silicon diodes, transistors, and integrated circuits.

four children in the Chambers family, and right now all are enjoying their new home at the corner of Walnut and Ridge in Monmouth Junction, N. J.

Tom Butler and family are in San Francisco, where he is with Alcoa Sales Office after spending two years at the home office in Pittsburgh.

Tom Cottrell is a member of the Class of '65 at the Columbia College of Physicians and Surgeons.

John Burroughs reports that he completed college for the second time in the spring of '61 with a B.S. in Electrical Engineering from the University of Connecticut. Since then, John has been with the Honeywell Electronic Data Processing Division in Needham, Mass. In his "spare" time he's been doing graduate work evenings at Northeastern University.

Jim Corbridge and his new bride are enjoying New Haven this year as Jim continues at the Yale School of Law.

Gene Cohen, for the past two years, has been a partner in a fuel oil business in Winthrop, Mass., and he indicates that he is enjoying this work very thoroughly.

Bill DeVisco is in England, engaged in theatrical studies.

Bud Dimmitt, after being graduated from the Harvard Business School last year, has gone to work for the Cowles Publishing Co. During the summer he received a promotion on the advertising staff.

Joseph R. Gaeta has completed his Senior Residency in Internal Medicine at Boston Veterans Hospital and is doing a two-year tour of duty in the Air Force. His present assignment is as hospital cardiologist at the Lackikawa AFB Hospital, Japan.

Kenneth W. Douglas is President and Treasurer of the New England Paper Tube Co., Inc., Pawtucket.

Richard Faulkner, a member of the Agency Department with Connecticut Mu-

tual Life Insurance Co., has been named to the Board of Education in Hartford to fill an unexpired term.

Mel Dorr is living in Framingham, Mass., with his wife and two lovely daughters. He's operating Dorr Aviation at Marlboro Airport, buying and selling used aircraft.

Gerald J. Poliks began graduate studies in philosophy this fall at the East-West Center of the University of Hawaii.

Stewart H. Moir was one of 14 Liberty Mutual Company business sales managers selected nationwide to attend a week-long seminar at the Boston home office during the summer.

Yours truly is back for a second year of English teaching at Groton, after a summer of teaching at Andover and relaxing on Nantucket.

BILL O'DONNELL, JR.

1956

Norm Laska visited the Campus briefly in September on his way back to the University of Michigan to start his fourth year of graduate work. He received his Master's in Geology there in 1961 and is now a candidate for his doctorate. Starting in March, he spent six months in Greenland working on his doctorate dissertation. "Dog sledding is a great sport, but I still prefer a Big 10 football game."

Dan Morrissey has returned to Immaculate Junior College in Washington, D. C., where he is teaching philosophy. Meanwhile, he's closing in on his doctorate at Georgetown. Dan's new address: 8304 Donnybrook Drive, Chevy Chase, Md.

Lawrence Hatch is Professor of Mathematics at the U. S. Coast Guard Academy. After getting his Master's from Purdue, he served at Michigan College and Marquette University before being named to his present position last summer. Larry is completing work for his doctorate at Yale.

Harold Resnic has been named to the Merchandising Department at Food Marts, Inc., Holyoke, Mass.

Joel Davis is a new member of the American Arbitration Association.

1957

Your newly elected Class Officers held an executive committee meeting in September for the purpose of determining ways to create further interest and enthusiasm among the members of the Class and to aid in the raising of funds and contributions by the members and through other sources for the benefit of Brown and the Class.

Projects on tap include a newsletter that will be mailed to all members of the Class from time to time. Also, it has been decided to issue a directory to all classmates each fall, including home and business addresses of each fella.

Commencing with the current school year all persons associated with the Class shall become members in good standing upon the payment of \$2 as annual dues, the bill for which will be sent with the fall newsletter. It was felt that this was a reasonable amount and that the revenue

would be an important resource for creating greater Class unity and promoting numerous projects.

There will be a special section for men of '57 at the Homecoming game with Cornell and following the "victory" President Jack Marshall will play host to all classmates and their guests at a cocktail party at his home, 35 Bourne Ave., Rumford.

Joe Shapiro is with Lundermac Co., Inc., as a sales representative. The company specializes in coin-operated laundry equipment, and Joe has the Boston area.

Stephen R. Cottrell has joined the Lafayette College Faculty as an Instructor in Physics. He was a research assistant at NYU last year while completing requirements for his Master's degree. For the three previous years he was a research engineer with the Clairex Corp. and a research physicist with the Physics Development and Manufacturing Corp., both in New York, while studying at NYU. He taught at Wesleyan the year after graduation and studied at the University of Innsbruck in Austria in 1955-56. Cottrell is a member of the American Physical Society.

The Rev. D. Sanderson Walch is living on an Indian Mission at Wapala, S. D., in charge of six chapels spread out in an area 80 by 40 miles in the Episcopal Missionary Diocese there. "We have to haul our water from town (Wapala, pop. 175) three miles away, buy snake-bite kits, learn how to get along when the electricity fails, learn how to drive on so-called 'gumbo,' and go 33 miles for our weekly shopping." But it is beautiful, "un-lonesome" country, and the Walches like it, says the former Curate of St. Martin's Church in Providence.

Richard B. Mertens is expected back in the States this month after a two-year stay in Europe. He arrived in Delft, Holland, in 1960 on a Fulbright scholarship to study town planning at the Technische Hogeschool in Delft. He stayed on even after his scholarship ran out to complete his work, which consisted mainly of an urban design project for a new polder town. Dick managed to get in a study-tour and vacation trip to Sweden.

Dr. Charles S. Kraihanzel has been appointed Assistant Professor in the Chemistry Department at Lehigh University. A specialist in the area of inorganic chemistry, he has published articles in various professional journals. He received his advanced degrees from Wisconsin in 1959 and 1962.

Richard D. Taylor has accepted a position as English Literature teacher at the American School in Tokyo. He managed to get home for a few months during the summer after completing a two-year course for his Master's at the University of Manchester, England.

Philip C. Lenz, Jr., is an engineer for the M. A. Gammino Construction Company of Rhode Island.

John R. Chandler, Jr., has joined the Faculty at Belmont Hill School, Belmont, Mass. He is a member of the English Department, the same position he held at the Gunnery School.

B. G. Goff is back at the Harvard Business School for his second year, after being one of those called for a year of active duty with Uncle Sam. He spent some of the time guarding our gold supply at Fort Knox. Incidentally, Bob is our new Class Agent.

Dick Clark, our Reunion Chairman, is now an investment specialist in the Trust Department of the Rhode Island Hospital Trust Co.

John Keith, our newly elected Vice-President, is working in the Credit Department of the Providence office of the Goodyear Tire & Rubber Co.

President Jack Marshall is really a "jack" of all trades. He is presently in a supervisory capacity at his family's construction company in Providence. However, he was seen recently at a horse auction sale in Saratoga Springs.

Dave Kaplan has returned from a goodwill tour to the West Coast for the Kaplan Furniture Company of Cambridge, Mass., manufacturers of the Beacon Hill collection.

Among those present at chef Jim Harmon's summer cookout was Joel Davis '56. Jim is an investment analyst with the New York Hanseatic Corp.

DON SAUNDERS

1958

LT(j.g.) Ulysses S. James and his wife Nancy left Bermuda in mid-October for Glynco, Ga., where Jim will receive 19 weeks of Naval instruction preparatory to a sea-going billet. "If all goes well, it will be the Navy for me for the next 17 years."

William F. Barry has been selected for the management training program at the First National Bank & Trust Co., San Diego. Bill was released from the Navy last summer after serving as an air intelligence officer assigned to the USS Kitty Hawk.

David Barr Clayson is with Brown Bros. Harriman & Co., with his headquarters in Boston.

Mike Trotter was graduated from the Harvard Law School in June, has been admitted to the Georgia Bar, and is practicing law in Atlanta with the firm of Alston, Miller & Gaines.

Martin L. Feldman has been awarded a scholarship and teaching fellowship at Boston University, where he is studying for his doctorate in Experimental Psychology.

John W. Brown, Jr., has become an associate of the Greenwich, Conn., law firm of Pettengill & Strong.

Paul T. Wilson has been appointed group insurance specialist in charge of the Philadelphia branch of the Continental Casualty Company of the Continental National Insurance Group.

Roland J. Offenkrantz has been appointed Assistant Attorney General in the Litigation Bureau of the New York State Department of Law. He had been an assistant counsel in the U.S. Department of Defense.

Kenneth A. Kurze, recently of the American Embassy in New Delhi, moved in September to a similar post in Nepal.

His address: Box KAT, APO 959, San Francisco.

Hugh Mainelli has been named Vice-President of Sound-O-Rama, Inc., 758 Reservoir Ave., Cranston.

Charles E. Drake has joined Recordat Corp., subsidiary of Eastman Kodak Co., Albany.

1959

Wallace Terry, according to the *Indianapolis Times*, is the new President of the Capitol Press Club of Washington, D. C. The former *Brown Daily Herald* Editor is with the *Washington Post*.

Tony Ayre is serving as player-line coach of the Springfield Acorns of the newly formed New England Football Conference. Tony was graduated from Springfield College last June.

Three classmates passed their bar exams during the summer—Jerrold Moskowitz and David C. Kline in Connecticut and David B. Goshien in Massachusetts.

Albert E. Reavill, Jr., has been promoted to Actuarial Assistant with the Connecticut Mutual Life Insurance Co.

Edward L. Oliver received his Master's degree in Education from Bridgewater State College in August.

Arthur Goldberg is teaching science at the junior high school in Marblehead, Mass.

David E. Birenbaum, Connecticut attorney, has been named law clerk to U.S. District Judges M. Joseph Blumenfeld and T. Emmet Claire at Hartford's Federal Court.

Dr. Charles E. Aughtry has returned to Wheaton College in Norton, Mass., where he taught while getting his Ph.D. in 1959. He is Assistant Professor of English. A new colleague at Wheaton is Robert C. Webb, Instructor in Psychology, who received his Master's at Brown last June.

1960

Allan S. Ross and his wife arrived in Afghanistan last July to take up duties under the auspices of USAID. Allan holds a Master's from Harvard and Sylvia holds Master's from Columbia and Harvard. They are teaching English to the Afghans.

William Taylor was active in summer stock during July and August, playing the "Warwick Swing" in Rhode Island, Connecticut, and Massachusetts.

Alan D. Richards expects to be in Germany for the next 18 months, paying his regards to Uncle Sam.

Richard M. Galkin stopped in the Alumni Office Sept. 10 to inform the staff that he had received his M.B.A. in Finance from the Columbia Graduate School of Business. He's affiliated with Time, Inc., Rockefeller Center.

Peter L. Spencer of Harris, R. L., has entered General Theological Seminary, a candidate for the Episcopal ministry. He'd been a Naval officer, with duty in the Canal Zone.

Donald E. Miller, who received his A.M. in History at Brown, has been named Coordinator of Gifts and Endowments for the University of California at Berkeley.

1961

Donald T. Bliss was successful in his primary bid to gain the GOP nod as candidate for State Representative from Attleboro, Mass., in the November election. He was appointed to fill the seat held by his dad, Carlton H. Bliss '24, for many years until his death last spring.

Nick Willard has been promoted by the Port of New York Authority to the position of Staff Assistant in the Personnel Department.

Courtland L. Munroe is a student at the Northwestern University School of Medicine.

Mathew Frauworth, a student at Harvard Business School, is living in Chase there.

1962

John D. Holbrook is in Guatemala City at the American School. When he asked whether there were other Brown men in Guatemala, we could point out that Henry G. Coe is in the same city with the American Friends Service Committee (or was, last August). John M. Willemsen '45 has been there longer.

Donald A. Lavalley of Riverside, R. I., has entered Episcopal Theological School in Cambridge, Mass., to prepare for the ministry.

Bill Wood spent his second successive summer in Africa working in a program called Operation Crossroads Africa. He worked side by side with African college students in building schools, roads, and houses. In addition, he taught a physical education course. Bill planned to enter Yale Law School this fall.

Richard S. Holbrooke has been appointed a career foreign service officer. In August, he was attending the Foreign Service Institute in Arlington, Va., in preparation for an overseas assignment.

David Kabat is studying biophysics at the California Institute of Technology under a NSF grant.

Bob Ripley took a 10-week tour of Europe during the summer, and now he's at the School of Medicine, Department of Anatomy, at the University of Southern California.

Barth Mosser has entered the floor division sales training program of the Armstrong Cork Co.

Richard Nadolny is at Georgetown University Medical School.

Ian T. Ball has taken training with the Peace Corps for service in Venezuela.

Walter J. Asp has been named an actuarial trainee with the Glen Falls Insurance Company's Budget Department.

Bureau of Vital Statistics

MARRIAGES

1924—The Rev. Dr. Gordon E. Bigelow, and Miss Elizabeth C. Taylor, daughter of Mrs. Charles H. Taylor of Brookline, Mass., and the late Mr. Taylor, July 7.

1950—Sante A. Breda and Miss Susan C. Remmele, daughter of the late Mr. and Mrs. Albert L. Remmele of Springfield, Mass., Aug. 18.

1950—The Rev. Strathmore Kilkeny and Miss Cynthia K. Murray, daughter of Mr. and Mrs. Michael Murray of Montoursville, Pa., June 9. At home: 31 No. Loyalsock Ave., Montoursville.

1951—Richard A. Goodrich and Miss Nancy J. Mayette, daughter of Mrs. Pasco Whitford of Waddington, N. Y., and the late James J. Mayette, July 14. Randall Hall '51 was an usher.

1952—Dr. Alan E. Besas and Mrs. Virginia Krauss Hunter, daughter of Mrs. Charles L. Krauss of Bronxville, N. Y., and the late Mr. Krauss, July 19.

1953—Dr. Thomas G. Breslin and Miss Carolyn J. Anderson, daughter of Mrs. Arthur J. Anderson of Westerly, R. I., and the late Mr. Anderson, Aug. 25. Best man was Robert Breslin '50, and Dr. Kenneth Knowles '53 ushered.

1954—Robert F. Roth and Miss Addie M. Killion, daughter of Mr. and Mrs. John F. Killion of Attleboro, Mass., Aug. 25. Norman A. Sprinthall '54 was an usher. At home: 468 No. Main St., Attleboro.

1954—Guy Volterra and Miss Margo Perl, daughter of Mr. and Mrs. Jack Perl

of New York, Aug. 19. At home: 37 Laurel St., Fairhaven, Mass.

1955—Robert D. Fitzgerald and Miss Patricia L. O'Riley, daughter of Mr. and Mrs. Richard S. O'Riley of Lake Forest, Ill., May 25. Thomas B. Fitzgerald '56 was best man. At home: 1250 No. State Parkway, Chicago 10.

1955—Robert S. Hobron and Miss Carol W. Harris, daughter of Mr. and Mrs. Warrington Harris of Cambridge, Md., July 28.

1955—Bruce W. Schoenrock and Miss Lynne Flatow, daughter of Mr. and Mrs. Frederick A. Flatow of Meriden, Conn., June 30.

1956—Douglas L. Adkins and Miss Rita M. Geron of Manila, P. I., Sept. 1.

1956—David W. Merson and Miss Joyce Sessler, daughter of Mr. and Mrs. David Sessler of Ft. Lauderdale, Fla., June 23. Robert F. Gordon '56 was best man. At home: 3A Nobel St., Lewiston, Me.

1956—Seymour Pienkny and Miss Naomi Kaminetsky, daughter of Mr. and Mrs. Max Kaminetsky of Woodmere, N. Y., Aug. 26.

1956—Frederick M. Tingley and Miss Dilla W. Gooch, daughter of Mr. and Mrs. Harry W. Gooch of Duluth, Minn., Aug. 4.

1956—Eugene N. Tower and Miss Katherine G. Chase, daughter of Mr. and Mrs. Lucien O. Chase of Scituate, Mass., July 7. Eugene Cohen '57 was an usher.

1957—Joseph S. Carnabuci and Miss Catherine R. Solomita, daughter of Mr.

and Mrs. Michael A. Solomita of Brockton, Aug. 11. William Watson '57 was an usher.

1957—Bradford Jameson and Miss Mary A. Beaudry, daughter of Mr. and Mrs. Robert E. Beaudry of Cortland, N. Y., July 8. At home: 4 Church St., Cortland, N. Y.

1957—Philip J. B. Rubel and Miss Joan M. Hynson, daughter of Mrs. Joanna E. Hynson of Wilmington, Del., and M. Charles Hynson of Westport, Conn., Aug. 25. John J. Fahey '57 was an usher.

1958—Stanley C. Dobson, Jr., and Miss Rosemarie Gennat, daughter of Mrs. Herman Gennat of West Berlin, Germany, and the late Mr. Gennat, July '62. At home: 3431 Carpenter St., S.E., Washington 20, D. C.

1958—Peter Gemski and Miss Mary J. Stone, daughter of Mrs. Clifford C. Stone of Monroeville, Pa., Aug. 25. John S. Robinson '56 was an usher. At home: 5621 Hobart St., Pittsburgh.

1958—Paul H. Johnson and Miss Gwendolyn M. Davies, daughter of Mr. and Mrs. J. Vaughn Davies of Ottawa, Canada, Aug. 4. LT(j.g.) William J. Chadwick, USN, '58 was best man. Ushers included Warren G. Paul '58, Stephen T. Singiser '58, and J. Robert Foley '56. At home: 24 Court St., New Haven.

1958—Henry O. Johnston and Miss Sally F. Curby, daughter of Mr. and Mrs. John E. Curby of St. Louis, Mo., Sept. 29.

1958—Robert P. Olson and Miss Karen E. Faulkner, daughter of Mr. and Mrs. Arthur Faulkner of Springfield, Mass., June 29. Best man was D. Bruce Hutchinson '48.

1958—1st Lt. James H. Page, USAF, and Miss Margaret J. Guiltinan, daughter of Mr. and Mrs. Frank J. Guiltinan of Rome, N. Y., July 28. Kirk Smith '58 was an usher.

1958—Palmer Sealy, Jr., and Miss Paulina L. Robinson, daughter of Mrs. Vahey Robinson of Sudbury, Mass., and Lt. Col. Edward H. Robinson, USAF, of Los Angeles, July 28. Thomas K. Crowl '58 was best man. William W. Murck was an usher.

1959—Lt. William N. Bailey, Jr., USA, and Miss Emily C. Garvin, daughter of Mr. and Mrs. Frederick O. Garvin, Jr., of Bristol, R. I., Aug. 11.

1959—John C. Christie, Jr., and Miss Margaret O. Barker, daughter of Dr. and Mrs. Robert H. Barker of Wareham, Mass., Aug. 4.

1959—J. Roger Currie and Miss Judith A. Orser, daughter of Mr. and Mrs. Philip W. Orser of Fort Fairfield, Me., June 2. At home: 75 Church St., Winchester, Mass.

1959—Andrew H. Davis, Jr., and Miss Gail D. Perry, daughter of Mr. and Mrs. William B. Perry of New Bedford, July 21. Louis E. Hathaway '59 was best man, and Robert Luria '59, Ens. William T. Knight, Jr., USN, '59 and Thomas Campbell '59 were ushers.

1959—Stephen L. Dyson and Miss Pauline Domenica Ucci, daughter of Mr. and Mrs. Frank Ucci of West Warwick, R. I., June 30.

1959—Ralph W. Fairbanks, Jr., and

Miss Mary E. Cullen, daughter of Mr. and Mrs. James F. Cullen of Riverside, Conn., July 7.

1959—Glennard E. Frederick and Miss Elizabeth M. Fager, daughter of Dr. and Mrs. Rudolph O. Fager of Bloomfield, N. J., Sept. 22.

1959—Peter Gray and Miss Susan Colley, daughter of Mr. and Mrs. Orrin G. Colley of Duxbury, Mass., Aug. 11. Richard A. Cleary '59 was best man, and Orrin M. Colley '59 and Walter Keay '59 ushered.

1959—Bernard P. Lane and Miss Dorothy E. Spiegel, daughter of Dr. and Mrs. Milton B. Spiegel of Brooklyn, N. Y., Aug. 5.

1959—Herbert S. Lerman and Miss Ellen R. Perlman, daughter of Mr. and Mrs. Herbert E. Perlman of Brookline, Mass., July 1. At home: 16 Vinal St., Brighton, Mass.

1959—William F. Wenning, Jr., and Miss Judith A. Hollander, daughter of Dr. and Mrs. William F. Hollander of Beaver, Pa., July 28.

1960—Pvt. Donald K. Anderson, USA, and Miss Barbara F. Dunn, daughter of Mr. and Mrs. Frank M. Dunn of Seattle, May 24. At home: 1547 Ala Wai Blvd., Honolulu.

1960—2nd Lt. Alan P. Armstrong, USA, and Miss Virginia L. Dogan, daughter of Lt. Col. A. Edward Dogan, USA, and Mrs. Dogan of Glastonbury, Conn., and Heidelberg, Germany, July 7.

1960—Thomas P. Budrewicz and Miss Ruthann Langley, daughter of Mr. and Mrs. Israel W. Langley of Framingham, Mass., Aug. 4. At home: 15 Phillips St., Greenfield, Mass.

1960—Ens. Michael J. Burns, USN, and Miss Mabel B. Lewis, daughter of the Rev. and Mrs. Charles P. Lewis of Warehouse Pt., Conn., Sept. 29. Walter A. Roe '60 was best man. The bride's father assisted in the ceremony.

1960—A. Richard Caputo and Miss Rosemary N. Shea, daughter of Mr. and Mrs. Charles A. Shea, Jr., of Nuangola Lake, Pa., July 28. Anthony J. Petrarca '60 served as best man.

1960—Hugh G. Carmichael, III, and Miss Marie Nelson, daughter of Mrs. Harvey W. Nelson of Monroe, La., June 9. Ushers included Andrew J. Conroy, Jr., '26, and Wilcox Stuart '59.

1960—Paul J. Choquette, Jr., and Miss Elizabeth Walsh, daughter of Mr. and Mrs. John T. Walsh of Providence, Aug. 18. Clark Sammartino '59 and Bernard Buonanno '60 were ushers.

1960—George H. Fleming and Miss Joan M. Ziochowski, daughter of Mr. and Mrs. Edward F. Ziochowski of Central Falls, R. I., Aug. 11. At home: 1066 Chalkstone Ave., Providence.

1960—Irvin P. Guyett and Miss Joan G. Hullinghorst, daughter of Mr. and Mrs. Charles A. Hullinghorst of New Orleans, Aug. 22. At home: 56 Indian Rd., East Providence, R. I.

1960—Timothy M. Hennessey and Miss Linda J. Viarengo, daughter of Mr. and Mrs. Dino E. Viarengo of New Canaan, Conn., July 7. William S. Simmons '60 was an usher.

1960—Ralph W. Lowry and Miss Linda M. Rasmussen, daughter of Dr. and Mrs. Richard A. Rasmussen of Grand Rapids, July 21. Dana Newbrook '60 was best man.

1960—Brian J. Molloy and Miss Carolyn J. Casazza, daughter of Mr. and Mrs. Lawrence A. Casazza of Upper Saddle River, N. J., Aug. 13. At home: 114 Church St., Wallingford, Conn.

1960—Felix Pardo and Miss Anne Wadsworth, daughter of Mr. and Mrs. George P. Wadsworth of Lexington, Mass., Aug. 4. John Bowles '58 was best man.

1960—Charles R. Poor, Jr., and Miss Marilyn Graf, daughter of Mr. and Mrs. Austin Graf of Melrose, Mass., June 30. William E. Creese '61 was an usher. At home: 85 Lingsford St., Gloucester, Mass.

1961—F. William Abbate and Miss Barbara A. Dickinson, daughter of Mr. and Mrs. H. C. Dickinson of Rocky Hill, Conn., Aug. 11. William A. Slusarchky '61 was an usher.

1961—Robert F. Cannava and Miss Phyllis J. Klaiman, daughter of Mrs. Nathan Klaiman of Lawrence, Mass., and the late Mr. Klaiman, Aug. 19.

1961—Thomas A. Daffron, III, and Miss Margot M. Cory, daughter of Mr. and Mrs. Daniel F. Cory of Virgil, N. Y., June 23.

1961—James K. Dixon, Jr., and Miss Brooks Allen, daughter of Mr. and Mrs. John W. Allen of Bronxville, N. Y., Sept. 8.

1961—Kent Gardner and Miss Patricia A. Schnable, daughter of Capt. Allan G. Schnable, USN (ret.) and Mrs. Schnable of Westport, Conn., Aug. 17. Thomas Crowl '58 was best man.

1961—Ens. Robert D. Kaplan, USN, and Miss Nancy Morris, daughter of Mr. and Mrs. Morton Morris of Westport, Conn., July 29. Thomas McGrew '62, Henry Peiter '62 and John Freehafer '61 ushered. The bride is Pembroke '63.

1961—Albert J. Lilly, Jr., and Miss Judith G. Griffin, daughter of Dr. and Mrs. William R. Griffin of Garden City, L. I., N. Y., July 1. Ushers were Thomas Wilson '62, Frederick Broda '59 and Robert Pyper '59. The bride is Pembroke '60. At home: 6411 Three Chopt Rd., Richmond 26, Va.

1961—Roderick A. McGarry, II, and Miss Priscilla J. Morrison, daughter of Mr. and Mrs. William H. Morrison of Harrison, Me., Aug. 11. Walter L. McGarry, Jr., '57 was best man. At home: 314 Benefit St., Providence 3.

1961—David L. Meister and Miss Elmor S. Bittens, daughter of Mr. and Mrs. George Bittens of Queens Village, L. I., N. Y., June 3.

1961—David F. Remington and Miss Chelsey A. Carrier, daughter of Mr. and Mrs. F. Howard Carrier of Glastonbury, Conn., July 28. The groom's father is Harry G. Remington '27. The bride is Pembroke '61.

1961—Edmund A. Schaffzin and Miss Heather Reid, daughter of Mr. and Mrs. Ross Reid of New York City, Aug. 12.

1961—J. Robert Seder and Mari R. Porter, July 15. Ushers included James

Sidel '60, Alan Robbins '59, Jeffrey Casdin '61, and Joseph Steinfield '61. At home: 26 W. 9th St., New York City.

1961—William G. Shade and Miss Mary L. Langford, daughter of Mr. and Mrs. William S. Langford of Croton, N. Y., Aug. 11. Lewis L. Gould '61 was best man. James H. Davidson '61 was an usher.

1961—John N. Tine and Miss Donna E. Peterson, daughter of Mr. and Mrs. Kendall M. Peterson of South Weymouth, Mass., June 23. John G. Freehafer '61 was best man, and John W. Conover '61 was an usher. The bride is Pembroke '63.

1961—Richard C. Wayne and Miss Mary K. Smith, daughter of Mr. and Mrs. Thomas F. Smith of Larchmont, N. Y., Aug. 18. At home: 140 Giles St., Ithaca, N. Y.

1962—Francis J. Balicki and Miss Wanda J. Dymiski, daughter of Mr. and Mrs. Joseph H. Dymiski of Chicopee, Mass., Aug. 4. John J. Lavino, Jr., '62 was an usher.

1962—Joseph Berland and Miss Barbara Molinoff, daughter of Mr. and Mrs. Harry Molinoff of West Brighton, Mass., June 17. Richard Coppersmith '62 ushered. At home: 229 Washington Ave., Ft. Lee, N. J.

1962—Frederick G. Blakelock and Miss Ellen F. McMahon, daughter of Mr. and Mrs. Edward J. McMahon of Belmont, Calif., June 17. William J. Tingle '62 was an usher.

1962—Richard A. Cappalli and Miss Judith A. Howarth, daughter of Mr. and Mrs. John M. Howarth of Warwick, R. I., Aug. 4. Everett A. Petronio '62 was best man.

1962—Pvt. Andrew J. Dean, USA, and Miss Judith V. Wessels, daughter of Mr. and Mrs. F. Stephen Wessels of South Harwich, Mass., Sept. 1. David Wolk '61 was best man. The bride is Pembroke '62.

1962—Edward K. Forbes and Miss Martha C. Phemister, daughter of Mr. and Mrs. Robert G. Phemister of Wellesley, Mass., Aug. 25.

1962—Theodore F. Gottfried and Miss Caroline R. Norris, daughter of Mr. and Mrs. H. F. Norris of Elyria, O., Sept. 1. At home: 4950 N. Marine Dr., Chicago 40.

1962—William G. Harriss and Miss Susan W. MacQuarrie, daughter of Mr. and Mrs. Robert B. MacQuarrie of Fairfield, Conn., Aug. 25. John Simpson '62 was an usher.

1962—Patrick S. Jones and Miss Sarah W. Loomis, daughter of Mr. and Mrs. Luther Loomis of Darien, Conn., Aug. 11. Ushers were Thomas H. Quill '62, William Tingle '62, and Edward A. Jones, Jr., '61.

1962—David Kabat and Miss Susan F. Katz, daughter of Mr. and Mrs. Robert H. Katz of Guttenberg, N. J., June 17. At home: 280 Linda Rosa Ave., Pasadena.

1962—Howard J. Kashner and Miss Rita J. Danziger, daughter of Mr. and Mrs. Ludwig Danziger of Mount Vernon, N. Y., Aug. 19.

1962—Richard C. Kostelanetz and Miss Anne L. Tidaback, daughter of Mrs. Gannett Tidaback of Plainfield, N. J., and Dr. Austin J. Tidaback of Findlay, O., Sept. 8. The bride is Pembroke '63.

1962—Neil MacInnis, Jr., and Miss Noel Ahlbum, daughter of Mrs. Paul L. Spiegel of Middletown, R. I., and Mr. Sumner P. Ahlbum of New York City, Aug. 4. Charles E. Southworth '60, Hal B. Barwood '62 and Ross W. Lochhead '62 ushered. The bride's father is Brown '36.

1962—Robert G. Staudte, Jr., and Miss Judith A. Johnson, daughter of Mr. and Mrs. Robert C. Johnson of Closter, N. J., Sept. 1. The bride is Pembroke '62.

1962—Patrick H. Turley and Miss Annabelle M. Hunt, daughter of Mrs. Horace Hunt of Pawtucket, June 30. Thomas Turley '59 was best man. Gerald Pouliot '62 was an usher. At home: Warren Rd., Palmer, Mass.

1962—Roger C. Wade and Miss Marilyn Jo Dato, daughter of Mr. and Mrs. J. Edward Dato of Chappaqua, N. Y., Aug. 18. George Vischak '62 was best man, and Philip Allen '62 ushered.

BIRTHS

To the Rev. Canon and Mrs. John Crocker, Jr., a son, Matthew Hallowell, Aug. 25.

1939—To Dr. and Mrs. Calvin M. Gordon of Providence, a son, Douglas Colwell, July 20.

1942—To Mr. and Mrs. Richard L. Capwell of Greenville, N. C., their second child and second son, Alton Robert, Aug. 29.

1946—To Mr. and Mrs. Henry Epstein of Cambridge, Mass., a son, Ari Wenkart, June 21. Mrs. Epstein is the former Henriette Wenkart, Pembroke '49.

1947—The Rev. and Mrs. Norman F. Brooks of Osage, Ia., announce the adoption of a son, Timothy Mark, born June 22.

1948—To Mr. and Mrs. Mitchell G. Checraallah of Woodside, N. Y., their fourth child and third daughter, Karen Marie, June 5.

1949—To Prof. and Mrs. David Laurent of Providence, their third child and second son, Royal, June 27. Mrs. Laurent is the former Ruth Carew, Pembroke '48.

1950—To Mr. and Mrs. Robert S. Orcutt of Guilford, Conn., their third child and second son, William Pinney, Sept. 20.

1950—To Mr. and Mrs. William S. Schaeffer of Greenwich, Conn., a daughter, Jill, Aug. 13. Two adopted children are Jane 7 and James Russell 4.

1952—To Mr. and Mrs. H. Bradford Benson of Newington, Conn., their second child and first daughter, Brenda Ann, May 19.

1952—To Mr. and Mrs. Edmund Traverso of Ipswich, Mass., their second child, a son, Anthony Alexander, June 8.

1952—To Mr. and Mrs. Albert M. Van Wagenen, III, of Hartsdale, N. Y., their third child and second daughter, Katherine Litke, Sept. 15.

1953—To Mr. and Mrs. William C. Drorbaugh of Rye, N. Y., their fourth child and first son, Richard William, July 5.

1953—To Mr. and Mrs. Thomas A. Marshall of Warwick, R. I., a daughter, Elaine Marie, Sept. 9.

1953—To Mr. and Mrs. Ralph K. Rosenbaum, Jr., of Milwaukee, their third child and second daughter, Ruth Ann, June 26.

1953—To Mr. and Mrs. Moris A. Tcath of New London, Conn., their second child and first son, Jay Joseph, July 26.

1954—To Dr. and Mrs. Edward J. Beadle of Media, Pa., their second son, Robert William, July 10.

1954—To Mr. and Mrs. James D. Brown of Mineola, L. I., N. Y., their second daughter, Caren Elizabeth, July 14.

1955—To Mr. and Mrs. Ronald E. Kramer of Framingham, Mass., a son, Daniel Geoffrey, Aug. 2.

1956—To Mr. and Mrs. Donald D. Bowen of Los Angeles, a son, Michael Dominic, Aug. 6.

1956—To Mr. and Mrs. George N. Boulukos of Lynbrook, N. Y., their first child, a son, Nicolas George, Aug. 15.

1957—To Mr. and Mrs. Britten Dean of New York City, a son, Dana Adams, Aug. 1.

1957—To Mr. and Mrs. John P. Lew, Jr., of San Juan, Puerto Rico, a daughter, Maria Elena Lew-Rodriguez, Sept. 6.

1958—To Mr. and Mrs. Lawrence R. Delhagen of Willowick, O., their first child, a son, Lawrence Raphael, Jr., July 7.

1959—To Mr. and Mrs. John F. Bennett, Jr., of Rochester, Minn., twins, first daughter, Lisa Marie, and second son, Timothy Charles, July 10.

1959—To Mr. and Mrs. Robert M. Gardner of Cumberland, Md., a daughter, Pamela Lynn, Aug. 14.

1959—To Dr. and Mrs. Gordon C. Gaynor of New York City, a daughter, Stephanie Dee, Aug. 18.

1959—To Mr. and Mrs. John L. Jangro of Franklin, N. H., their second daughter, Shelly Margaret, July 5.

1959—To Mr. and Mrs. William A. Riley, Jr., of Hartsdale, N. Y., a daughter, Kimberly Lee, Aug. 1.

1959—To LT(j.g.) John M. Sherman, USNR, and Mrs. Sherman of Key West, their first child, a son, Jonathan Philip, July 22.

1960—To Mr. and Mrs. Manuel Gorrarian, Jr., of Providence, a son, Steven, Aug. 4.

1960—To Mr. and Mrs. James A. Langmead of East Walpole, Mass., their first child, a son, Eric Alexander, Apr. 19.

1960—To Mr. and Mrs. Will McA. Mackenzie, Jr., of Evanston, Ill., their first child, a daughter, Jennifer Evans, Aug. 16. Mrs. Mackenzie is the former Elizabeth Diggs, Pembroke '61, and the paternal grandfather is Judge Mackenzie, '31.

1960—To Mr. and Mrs. Alfred A. Parr, Jr., of Pittsburgh, a son, Douglas Alfred, Sept. 5. Mrs. Parr is the former Siddy C. Smith, Pembroke '61.

1960 GS—To Mr. and Mrs. Robert J. Shapiro of Cranston, R. I., a son, Steven Bruce, Aug. 7.

1961—To Mr. and Mrs. Peter O. Schultz of Osterville, Mass., their first child, a son, Peter Otto, Jr., July 31.

1961—To Mr. and Mrs. W. Charles A. Sternbergh, Jr., of Durham, N. C., their first child, a son, Waldemar Charles August, III, June 22.

In Memoriam

STEPHEN FOSTER HUNT '02, in Providence, Sept. 27. He was associated with the Nicholson File Co. for more than 58 years. He first served as Foreign Sales Manager, then Vice-President from 1942 until his retirement in 1954, and as a Director from 1939 until his death. In addition, he served as a Director of many corporations and banking institutions. He was a former leader in the Providence-Cranston Community Fund, President of the World Affairs Council of Rhode Island, and an officer of Butler Hospital. During World War I, he served in Washington for three years as a member of the War Trade Board. He was the first President of the Foreign Trade Club of the Greater Providence Chamber of Commerce when the club was organized in 1941. He also served as Secretary-Treasurer of the Export Screw Association of the U.S. In 1953, honored by the R. I. Branch of the National Conference of Christians and Jews, he was cited for his "understanding service in human relations." Alpha Delta Phi. His widow is Dorothy H. Hunt, 233 Medway St., Providence.

EDWARD ALFRED MURPHY '06, in Providence, Sept. 3. He was a *Journal-Bulletin* printer for more than 60 years and a lifelong scholar. When he retired in 1959 he was known throughout New England as one of the best linotype operators in the business. As a youth he intended to become a doctor, an ambition he fulfilled through his son, the late Dr. Robert G. Murphy '28. His sister is Mrs. John C. Dunn, 71 Irving Ave., Providence.

AMASA MANTON CHACE '09 in Clearwater, Fla., Aug. 18. He was a retired agent for Equitable Life Insurance Co. Civic-minded, he had been President of the Navaho Park Association in Clearwater, and a delegate to the Federation of Civic Clubs of which he was Vice President. He also was Vice President of the West Florida Coast Brown Club at the time of his death and had been Alumni Fund Chairman for the Clearwater area, scoring 100% in the 1957 Fund. In 1915 he organized and became the first President of the Brown Club of Los Angeles. Author of several published articles on life insurance, he had been in business in Providence for many years before retiring to Florida. Phi Kappa Psi. His widow is Gladys L. Chace, 1031 Apache Trail, Clearwater.

DR. NELSON CLARK DALE, A.M. '09, in Washington, D. C., Sept. 15. He graduated from Middlebury College in 1903, and received his Ph.D. from Princeton University in 1914. Author of numerous geological writings, in 1914

he joined the Faculty of Hamilton College, and in 1917 was appointed Professor of geology there, a post he held until his retirement in 1950. He had been associated with the New York State Museum and was a Fellow of the Geological Society of America. He also had been a Professor at the American University, Washington, and a member of the Cosmos Club and the Fossils, a group of retired professional men. His widow is Marion N. Dale, 4007 Connecticut Ave., Apt. 203, Washington 8.

WILLARD BULLOCK ANTHONY '12, in Providence, Sept. 18. He was Secretary of the Providence YMCA for 20 years until his retirement in 1952. He previously had worked at the Worcester branch for three years. Helen P. Anthony, 42 Dana St., Providence 6, is his widow. His daughter, Mrs. Hope Palmer, is a former member of the staff of this magazine.

FREDERICK ROWLAND HAZARD, JR., '14, A.M. '14, in Saundertown, R. I., Aug. 31. He was one of South County's best known community leaders, and a prominent figure in Narragansett politics and civic affairs for more than 30 years. He was an artillery officer during World War I, and became an expert aircraft observer during World War II. Taken by the Army Air Force from Rhode Island, where he headed the State Civil Defense aircraft warning service, he was given the rank of Major, and commissioned to instruct aircraft spotters in other parts of the country. A handbook he wrote on aircraft recognition was given national distribution. Since 1949, he had operated a project for the South County Hospital, selling cancelled stamps which hundreds of Rhode Island offices saved for him. He was a nationally known philatelist, who had at one time operated his own shop in Providence. The Class of 1914 knew his generous hospitality at many South County clambakes in the reunion season. Alpha Delta Phi. Phi Beta Kappa. His widow is Rozelia B. Hazard, Saundertown.

FREDERICK JOHN ROGERS '15, in Providence, Sept. 5. He also attended Harvard Law School. He was President and Treasurer of the F. J. Rogers Produce Co., and President of the Rogers Realty Co., Providence. During World War I he served with the U.S. Navy as a commissioned officer. Phi Kappa. Louise C. Rogers, 239 Merry Mount Dr., Warwick, is his widow.

JOSEPH OTIS FULLER '17, in New Bedford, July 20. He had been plant engineer at the New Bedford Rayon Co.

from 1929 to his retirement in 1961. At one time he was chief draftsman for the N.C.L. Engineering Corp., Providence. Sigma Chi. Sigma Xi. His brother is Oliver A. Fuller '19, 41 Brewster St., Providence 6.

JASPER WIGHT '17, in Lyons, N. Y., June 1. He was in construction work prior to his illness. During World War I he served as a 2/Lt. with the U.S. Army Infantry. After the war he became a physical education instructor at the Lakewood, N. J., High School. Theta Delta Chi.

MAJ. GEN. PETER LEO CANNON '18, in Bristol, R. I., Aug. 12. He also attended Harvard Law School. Former Adjutant General of Rhode Island, he was an attorney, an overseas veteran of World War I, and a former head of the State Division of Insurance. Active in veterans' affairs, he was a Past Commander of the American Legion, Military Order of World War I, and a member of the Forty and Eight, and the Rhode Island Bar Association. He held honorary memberships in the Legion of Guardsmen and the Varnum Continentals. Phi Kappa. Mary H. Cannon, 197 University Ave., Providence, is his widow.

HERBERT GORDON HIGGINS '18, in Cranston, Aug. 26. He was the retired owner of J. H. Higgins Co., Inc., Providence, one of the oldest junkyards in the State. He reluctantly retired in 1959 when the yard was taken to make room for the North-South Freeway. His son is John H. Higgins of the U.S. Naval Academy.

DR. ARCHIE ARAND ALBERT '20, D.M.D., Harvard University Dental School '21, F.A.C.D., '43, in Providence,



PROF. C. A. STUART '18, beloved and famous biologist, died on Oct. 17.

Aug. 28. A veteran of World War I, he was a prominent Pawtucket dentist and a civic leader in the State. He was a former President of the Jewish Children's Home of Rhode Island, a Trustee of the Salvation Army of Pawtucket, and a Director of the Jewish Home for the Aged and of the Jewish Family and Children's Service, Inc. He also was chief of the dental service at Miriam Hospital for 35 years, also serving on its Board of Trustees. A member of the State Board of Examiners in Dentistry for 20 years, he served as Chairman of the group in the 1940s. He was a Past President of the Rhode Island Dental Society, the Pawtucket Dental Society, the New England Section of the American College of Dentists, the American Association of Dental Examiners and the Harvard Odontological Society. Lillian N. Albert, 82 Freeman Parkway, Providence, is his widow.

RICHARD ALMY '23, in Lancaster, Pa., Sept. 20. He was Manager of Floor Products Research for the Armstrong Cork Co., Lancaster. After graduation he was engaged in industrial research for the Pacific Mills Print Works, Lawrence, Mass., and the Dewey and Almy Chemical Company of Cambridge. In 1931 he joined the staff of Armstrong's Research Laboratory as a specialist in shoe products, later becoming head of the shoe and fibrous products section. He also was Chief Chemist before his promotion to Manager. Theta Delta Chi. His daughter is Jane H. Almy, 4000 Tunlaw Rd., N.W., Washington, D. C.

EBEN PAINE MORSE '23, in Naples, Fla., June 17. A retired executive, for many years he was New England sales manager for Cantilever shoes. He also was an insurance broker for Liberty Mutual Insurance Co., Boston, and the Raytheon Mfg. Co., Waltham, Mass. After he retired to Maine, he devoted his time to his hobby of breeding dogs, until he moved to Naples. Psi Upsilon. His widow is the former Winnifred Winter, Pembroke '23, 1111—1st St., S., Naples.

ROBERT GREENE INMAN '24, in Addison, Me., Aug. 29. An authority on ceramics, he was Advertising Manager of the New York concern of Copeland & Thompson, importers of Spode dinnerware. He was the last of the Revolutionary War General's descendants born in the Nathanael Greene Homestead in Anthony, R. I. He had served as Vice-President, Secretary, and Treasurer, of the Brown Club of New York and chairman of its Admission Committee. He also was a member of the American Marketing Association and the Advertising Club of New York. His widow is Pauline W. Inman, 419 East 57th St., New York City.

DR. PHILIP RITTERSBACHER, JR. '27, in Newark, N. J., Aug. 18. He was a



EDWARD H. WEEKS '93, whose death is widely mourned. The photo above was taken a year ago when Brown received a baseball trophy, which will be awarded annually in his honor. Our December issue will carry the extended obituary his career and loyalty to Brown so well warrant.

graduate of Ohio College of Chiropractic. He had maintained his practice in Springfield and Newark, N. J., for the past 29 years. Delta Kappa Epsilon. His widow is Elizabeth O'N. Rittersbacher, 50 Spring Brook Rd., Springfield, N. J.

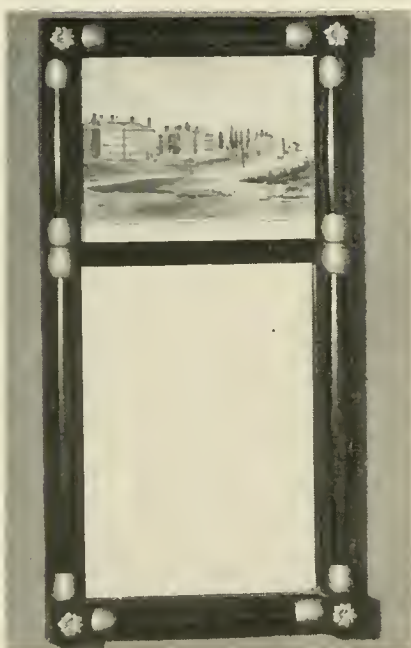
HIMAN MORRIS CASLOWITZ '28, in Woonsocket, R. I., Sept. 25. He was President of H. M. Caslowitz & Co., dealers in woolens and textile machinery. He also had been President of the Golden Box Co., from 1933 to 1937, and Treasurer and Secretary of the Centredale Textile Co., Inc. He was Secretary of the Brown Club of Woonsocket and active in many other alumni activities, with a special loyalty to athletics. His widow is Gertrude G. Caslowitz, 529 Prospect St., Woonsocket. Joel G. Caslowitz '59 is their son.

RICHARD RULE YOUNG '29, in Middletown, N. Y., July 7. He also attended Babson Institute '31. He was a retired statistician of the Soft Fibre Institute Zonite Co., and the Burroughs, Wellcome Co. in New York. An Elder of the First Presbyterian Church in Katonah, he was Clerk of Session in the church. He had been actively engaged in the camp and conference program of the Hudson River Presbytery. His widow is Virginia C. Young, Shad Rd., W., Pound Ridge, N. Y.

ROE CHARLES BLANTON '34, in Cleveland, O., Aug. 22. He had been an accountant with the Warren Refining & Chemical Co. in Cleveland for the past 7 years. He served as a Capt. with the U.S. Army Infantry during World War II. He also had been a cashier with the firm of Hornblower & Weeks in Cleveland. He was a member of the United States Power Squadron. His mother is Sarah B. Blanton, 2226 Bellfield Rd., Cleveland 6.

WILLIAM THOMAS McCALLUM '34, in Beardstown, Ill., July 14. He was associated for many years with the Aetna Insurance Co., before forming his own company in 1954. At one time he was with the Traffic Department of the Grand Trunk Railway System in Portland, Me.

JOHN HENDRICKEN SLATTERY '38, LL.B., Boston University Law School '47, in Providence, Sept. 13. He also attended Cornell University. He was an attorney in the law firm of Higgins & Slattery. He was a Capt. in the Medical Service Corps of the U. S. Army during World War II, serving in the African campaign. He was a member of the Rhode Island and American Bar Associations. Delta Phi. His sister is Miss Florence M. Slattery, 231 Lenox Ave., Providence 7.



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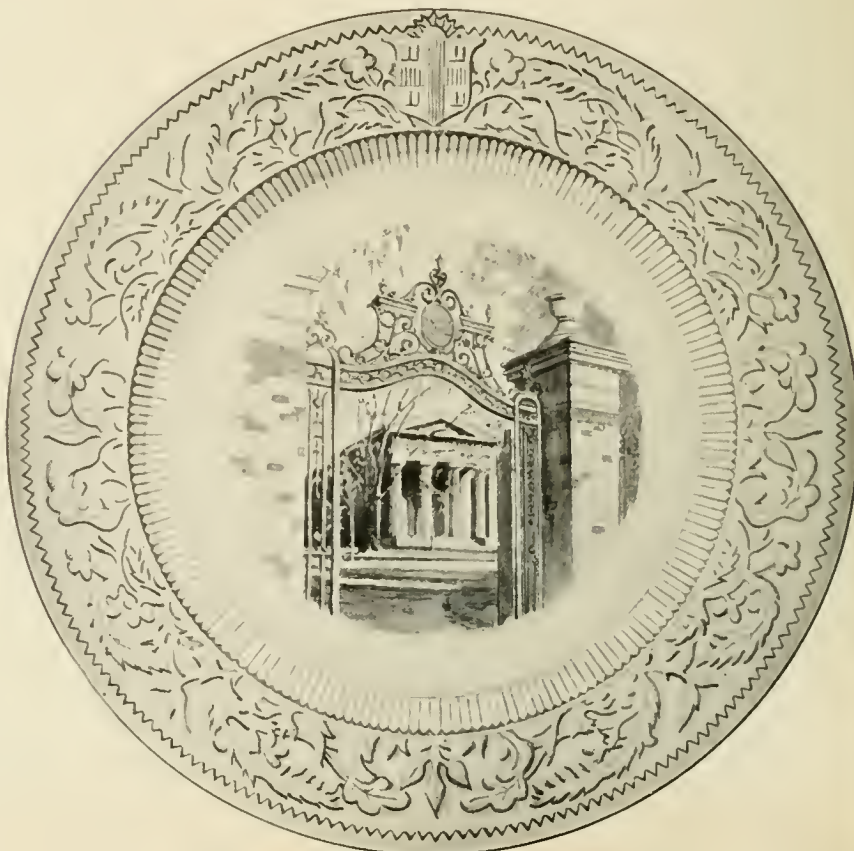
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