

- ALBANY, Fredric S. Friend '52, Property Manager, 85 Post St., San Francisco 4.
 ALBANY, R. Bennett '52, 10 A Virginia Ave., R D 2, Rock Island, Md.
 ALBANY, St. on England, Jr., '35, c/o England Bros., 89 North St., Pittsfield, Mass.
 ALBANY, Norman B. Silk '49, 77 Cole Terrace, Randolph, Mass.
 ALBANY, George A. Pournaras '25, 825 Sprague St., Baldwin, L. I., N. Y.
 ALBANY, Gordon F. C. Fuller '55, 1731½ Anderson Pl., Buffalo 22.
 ALBANY, Robert M. Mann '52, 2815 St. Elmo, N.E., Canton 4, O.
 ALBANY, Mrs. Hinkley Thatcher '51, 198 Main St., Hyannis, Mass.
 ALBANY, Frederick A. Bauman '35, Pres., 806 Harding St., Westfield, N. I.
 ALBANY, Tolly M. Townsend '52, Kinne Rd., RD #3, East Syracuse.
 ALBANY, Miles F. Cunat, Jr., '52, 165 No. Canal St., Chicago 6.
 ALBANY, Thomas H. Simon '51, 2706 Section Rd., Cincinnati.
 ALBANY, Theodore B. Schover, Jr., '52, 19614 Winslow Rd., Shaker Heights 22, O.
 ALBANY, Richard H. Woulfe '51, 600 17th St., Denver 2.
 ALBANY, Donald C. Hutchison '50, 31 Donamor Lane, East Longmeadow, Mass.
 ALBANY, Robert C. Lunn '54, 5434 Boaz, Dallas 9.
 ALBANY, Frederick Knecht, Jr., '53, 1920 Floral Dr., Graylyn Crest, Wilmington 3.
 ALBANY, Charles D. Fischer '46, 60 Forest Ave., Glen Ridge, N. J.
 ALBANY, Stephen S. Armstrong '36, Pres., 120 Broadway, Norwich, Conn.
 ALBANY, Frank Gifford, Jr., '51, 124 Lafayette St., Somersct, Mass.
 ALBANY, Hardy L. Payor '50, Box 233, St. Petersburg, Florida (West Coast).
 ALBANY, Gordon Carlisle, Jr., '50, 2 Old Farm Rd., Wayland, Mass.
 ALBANY, R. I. Russell '49, 2023 Audubon Dr., N.E., Atlanta.
 ALBANY, Cyrus G. Flanders '18, 66 N. Main St., Windsor Locks, Conn.
 ALBANY, Dr. Don A. Guinan '45, 35 Milford Rd., Manchester.
 ALBANY, Morris L. Pepper '27, 419 North Main St., Houston.
 ALBANY, Alfred F. Kessler '35, 2429 Baur Dr., Indianapolis 20, Ind.
 ALBANY, John Dorer '55, 56 Ridgeview Ave., New Providence, N. J.
 ALBANY, V. Donald Russo, Jr., '50, 42 Temple St., Williston Park.
 ALBANY, John J. Durnin '50, 14730 Ragan Dr., La Mirada, Calif.
 ALBANY, Dr. Dean H. Echols '27, 1428 First St., New Orleans 13, La.
 ALBANY, James S. Eastham '19, 250 Stuart St., Boston 16.
 ALBANY, Richard J. Selleck '51, 1838 Book Tower, Detroit 26.
 ALBANY, H. Wilson Guernsey, Jr., '43, Upton Lake Rd., Clinton Corners, N. Y.
 ALBANY, Roger D. McIntyre '37, 805 E. Green Tree Rd., Milwaukee 17.
 ALBANY, Jack M. Rosenberg '42, 329 Maple St., New Bedford.
 ALBANY, Jerome W. Gratenstein '36, 21 Abigail St., Woodmont, Conn.
 ALBANY, Harold L. Dorkin '49, 59 Harrison Ave., Newport.
 ALBANY, Miss Christine Dunlap '48, Brown Club, 39 E. 39th St., N. Y. 16.
 ALBANY, Arthur Stein '52, 107 Kensington Ave., Jersey City, N. J.
 ALBANY, Lewis A. Sumberg '34, 659 Morris Ave., Albany 3, N. Y.
 ALBANY, Henry W. Peterson '21, Pres., 742 Miners Bank Bldg., Wilkes-Barre, Pa.
 ALBANY, Ralph E. Lewis, Jr., '50, 10 Elnew Ave., Beverly, Mass.
 ALBANY, Ashley Greene '21, 3-189 Molalla Rd., Oregon City.
 ALBANY, Bertram Wolfson '52, 724 Newtown Rd., Ithaca, Pa.
 ALBANY, George E. Hotton '55, 499 Haverhill Rd., Country Club Hts., Pittsburgh 34.
 ALBANY, R. F. Noonan '36, 405 Grotto Ave., Pawtucket.
 ALBANY, A. Russel Tomkinson '49, 25 Dunrovin Lane, Rochester, N. Y.
 ALBANY, F. R. Sheldon '31, 4 French Rd., Kingston.
 ALBANY, Edwin C. Bliss '47, 7001 S.W. 57th St., Miami.
 ALBANY, J. Preston Barry '49, 3 Spring Lane, Hingham.
 ALBANY, Wallace D. DeKlyn '37, 197 Highland Ave., Rowayton, Conn.
 ALBANY, Richman Bry '55, Park Plaza Hotel, St. Louis 8.
 ALBANY, Alfred McC. Chapman '58, Davidson House, Lawrenceville, N. J.
 ALBANY, Paul A. Williams '26, 2826 E. Alta Vista St., Tucson.
 ALBANY, Joseph E. Coughlin, Jr., '53, 5704 Beard St., Minneapolis 10.
 ALBANY, Ernest S. Fitz '11, Three Chopt & Bandy Rds., Richmond 26.
 ALBANY, Richard W. White '50, 7120 Healy Drive, Springfield, Va.
 ALBANY, Charles Beattie '23, 30 Edgemont Hwy., Scarsdale, N. Y.
 ALBANY, Brooks Colcord '52, 188 Eastern Promenade, Portland.
 ALBANY, Robert M. Siff '48, 79-20 Park Ave., Worcester 5.

ASSOCIATION OF CLASS SECRETARIES

Earl W. Harrington, Jr., '41, *Chairman*

- | | | |
|---|--|---|
| <p>1892—Dr. R. M. Brown, 123 Waterman St.
 1894—Dr. William C. Hill, 1166 Worthington St., Springfield 9, Mass.
 1895—Herbert M. Adams, 61 Nayatt Rd., W. Barrington, R. I.
 1896—Prof. Wm H. Kenerson, 100 Morris Ave.
 1897—George L. Miner, 276 Blackstone Blvd.
 1898—George F. Troy, 40 Colonial Rd.
 1899—Benjamin W. Grim, 123 Waterman St.
 1900—Prof. Charles W. Brown, 37 Barnes St.
 1901—William H. Hull, 266 Gano St.
 1902—Everett J. Horton, 103 Whitmarsh St.
 1903—Prof. William T. Hastings, Brown University.
 1904—Hisha C. Mowry, 59 Freeman Pkwy.
 1905—Charles E. Robinson, 1015 Sumonton St., Key West, Fla.
 1906—Dr. Alex. M. Burgess, 107 Bowen St.
 1907—Arthur H. Gurney, 265 Bench St.
 1908—C. I. Grinnell, Main Rd., Triverton, R. I.
 1909—Henry S. Chafee, P. O. Box 1342.
 1910—Edward S. Spicer, 158 Bowen St.
 1911—Eric B. Arnold, 111 Westminster St.
 1912—Earl P. Perkins, 19 Gibson Ave., Narragansett, R. I.
 1913—George T. Merrill, 217 Angell St.
 1914—Earl W. Harrington, 55 Columbia Ave., Edgewood 5, R. I.
 1915—George E. Bliven, 201 Turk's Head Bldg.
 1916—E. W. Moore, 63 Tryon Ave., Rumford 16, R. I.
 1917—E. M. Poirer, 4 Exchange St., Cranston, R. I.
 1918—W. A. ... 106 Hospital Trust Bldg.,</p> | <p>1919—Fred B. Perkins, 85 Nayatt Rd., Barrington, R. I.
 1920—Frederick E. Schoeneweiss, 35 Fosdyke St.
 1921—Alfred Mochau, 123 Oak Tree Ave., Warwick, R. I.
 1922—J. Wilbur Riker, 905 Hospital Trust Bldg.
 1923—Nathaniel B. Chase, 110 Windermere Way, Warwick, R. I.
 1924—John J. Monk, Hillison and Etten Co., 638 South Federal St., Chicago 5, Ill.
 1925—John E. Pemberton, 120 Progress St., Lincoln, R. I.
 1926—Jacob S. Temkin, 15 Harwich Rd.
 1927—Irving G. Loxley, 94 Albert Ave., Edgewood, R. I.
 1928—Ralph B. Mills, 126 Naushon Rd., Pawtucket, R. I.
 1929—Edwin C. Harris, 2nd, R.F.D. 3, Box 250A, Esmond 17, R. I.
 1930—Edmund J. Farrell, 50 South Rd., Kingston, R. I.
 1931—Clinton N. Williams, 51 So. Angell St.
 1932—Richard A. Hurley, Jr., 80 Don Ave., Rumford, R. I.
 1933—Franklin A. Hurd, 5 Meredith Dr., Cranston 10, R. I.
 1934—Bancroft Littlefield, 1109 Hospital Trust Bldg.
 1935—Alfred H. Joslin, 25 So. Angell St.
 1936—R. W. Kenyon, 210 Squantum Dr., Gov. Francis Farms, Warwick, R. I.
 1937—Martin L. Tarp, 6 Pequot Rd., Pawtucket, R. I.
 1938—James E. Lathrop, Jr., 31 Alfred Drowne Rd., W. Barrington, R. I.</p> | <p>1939—Raymond W. deMatteo, 180 Rankin Ave.
 1940—Dr. Harold W. Pfautz, 11 John St.
 1941—Earl W. Harrington, Jr., 24 Glen Ave., Edgewood 5, R. I.
 1942—William I. Crooker, 8 Kingsford Rd., Hanover, N. H.
 1943—Robert Radway, 29 Brenton Ave.
 1944—W. S. M. Montgomery, R. R. #3, Napoleon, O.
 1945—Daniel Fairchild, 10 Rhode Island Ave.
 1946—Richard J. Tracy, 134 Don Ave., Rumford 16, R. I.
 1947—Norman A. Jerome, 61 Fairfax Dr., Edgewood 5, R. I.
 1948—Burton I. Samors, 172 Irving Ave.
 1949—Rolland H. Jones, P. O. Box 338, East Greenwich, R. I.
 1950—Robert Cummings, 176 Everett Ave.
 1951—Charles A. Andrews, Jr., 227 Cleveland St., Pawtucket, R. I.
 1952—Dr. John D. Hutchinson, 215 East 73rd St., Apt. 5B, N. Y. 21.
 1953—Richard Mendelsohn, 90-02 63rd Dr., Forest Hills, L. I., N. Y.
 1954—Calch Woodhouse, 2477 Prince St., Berkeley, Cal.
 1955—John T. Houk, Jr., 509 Aston Ave., McComb, Miss.
 1956—Marvin L. Wilenzik, 827 F. University St., Ann Arbor, Mich.
 1957—Ivor Sargon, 17 Manor Rd., Apt. C, Akron, O.
 1958—William F. Barry, 211 Highland Ave., Newtonville 60, Mass.
 1959—Peter F. McNeish, 777 Fruithurst Dr., Pittsburgh 34.</p> |
|---|--|---|

NOTE: Unless otherwise indicated, all addresses are in Providence.

BROWN

ALUMNI MONTHLY

FEBRUARY 1960



25 Years of Brownbrokers See page 1



BOARD OF EDITORS

Chairman

C. ARTHUR BRAITSCHE '23

Vice-Chairman

GEORGE R. ASHBEY '21

GARRETT D. BYRNES '26

WARREN L. CARLEEN '48

C. MANTON EDDY '22

CARLETON GOFF '24

PROF. I. J. KAPSTEIN '26

STUART C. SHERMAN '39

Managing Editor

CHESLEY WORTHINGTON '23

Assistant Editor

JOHN F. BARRY, JR., '50

POSTMASTER: Send Form 3579 to Box 1854, Brown University, Providence 12, R. I.

Published October, November, December, January, February, March, April, May, and July by Brown University, Providence 12, R. I. Second class postage paid at Providence, R. I. and at additional mailing offices. Member, American Alumni Council. The Magazine is sent to all Brown alumni.

FEBRUARY 1960 VOL. LX NO. 5

In This Issue:

A 25-Year Bouquet for Brownbrokers	4
Meehan Gift Assures a Brown Ice Arena	7
Margaret Mead on the Married Students	8
How Machines Can Speed Translation	12
The Watson Center and Its Wonder Tools	15
A Month of Thrills in Brown Sports	26

FRONT COVER

BESIDES PAYING anniversary respects to Brownbrokers with the featured recollections of Prof. Leslie Allen Jones, our cover is a souvenir of the 1941 show, "Run for Your Life." The girl was Barbara Ham, surely one of the greatest of all Brownbrokers—director, choreographer, first dancer, and president, in addition to being Phi Beta Kappa. Today she's Mrs. Aubrey Raymond (he's also 1941). Her dancing partner was Arthur H. Bijur '41. He was killed on Luzon four years later, a Signal Corps Captain who was awarded a posthumous Silver Star. He'd left his foxhole to try to extricate his men before they were bracketed by Japanese artillery fire.



Misjudged bears . . .

WE READ with appropriate Brunonian interest when Herbert Wendt, in his Doubleday book "The Road to Man," turned his attention to the bear. In the author's opinion, the bear is the "most misjudged of all the animals with which man has much to do." We were particularly satisfied with the following passage:

"The brown bear has a strong individual consciousness. He is really far superior in intelligence to the more tractable lions and tigers, and he is in the habit of improving continually instead of imitating."

Perhaps we should leave quoting with that, but candor compels us to note that the next sentence about the brown bear is this one: "In a mixed group he is the biggest disturber of the peace."

At any rate, Wendt regards Bruin as "one of the most interesting creatures on earth." "Man has realized this repeatedly in the course of history," he writes. "Bear worship and bear fetishes existed and still exist among several North American and Siberian peoples."

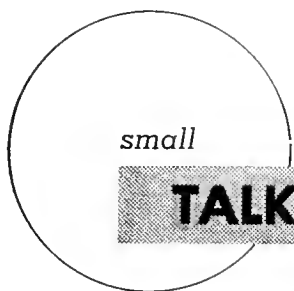
▶ SOMEONE from NBC was calling Emory University and asked for the Library. "Hold the line," said the New York operator, "I have a party who wants to speak with the person in charge of the Civil War."

▶ IN HIS ANNUAL REPORT, an "Eastern" college president noted that female rats used in research cost twice as much as they did in 1950, while male rats cost 93% more. He observed parenthetically that "the reasons for the sex difference are obscure to me." The alumnus who clipped the item for us underlined the comment: "They're obscure to us, too."

▶ THE PLANETARIUM MANAGER at the University of North Carolina set up a special show at Commencement time called "End of the World." Then he sent out a press release which began: "Because of the re-



BROWN BEAR: "Far superior."



ligious tenor of 'End of the World,' ministers of all faiths and races will be admitted henceforth to the Morehead Planetarium without charge."

▶ BROWN UNIVERSITY got its name, of course, as the result of an ancient gift of \$5000 from Nicholas Brown. So much for background before recording a feeble mot the morning after the University received the wonderful gift of \$500,000 for the auditorium and skating rink at Aldrich-Dexter Field. Someone remarked that if George V. Meehan, who established the Meehan Foundation, had been around a couple of centuries earlier, our institution might be known as Meehan U.

▶ FACULTY SMALL FRY burst in and out of Dad's office, says the *Williams Alumni Review*, and left saying, "See you later, we're going to see the 'pickle people.'" Then they scurried to the Biology Lab to examine the preserved embryos on display there.

Trigger happiness . . .

▶ VISITING A COLLEAGUE in the Middle West, one of our Brown Professors knew that his host enjoyed an opportunity to talk about his extensive foreign travel. On this occasion, the latter was encouraged to tell a few anecdotes about big-game hunting, in which his wife had shown herself avid and able.

The guest pointed to a tiger rug on the floor. "Mary shoot that?" he asked. "Frequently!" was the answer.

▶ ALTHOUGH we knew very well where St. John's University is located in Jamaica, N. Y., we hadn't had its site pinpointed so well until we saw its letterhead recently. And what an address for a university: "Grand Central and Utopia Parkways."

▶ THE VARSITY GRADUATE of the University of Toronto had a reporter within earshot of a group of three co-eds and heard this fragment of conversation: "I didn't come to the University to find a husband; I came here to prepare for one."

▶ A YOUNG ALUMNUS was complimenting us (he thought) when he told why he was enjoying the *Alumni Monthly*: "You are printing good features and articles," he said, "instead of a lot of facts."

▶ WE'VE NEVER HEARD the songs of Ohio University, but one was quoted in a recent issue of *The Ohio Alumnus*. While we cannot condone an historical error in it, it's nice to be mentioned:

"Oh, the East may sing the praises
Of Yale and Harvard, too;
Roger Williams in a fit of despair
Founded Old Brown U.
Princeton came by way of Nassau,
So did Dartmouth, too;
But Ohio's up and doing
When old father Thomas Ewing
Gave three cheers for Old O U."

Rocking the boat . . .

▶ THE EDITOR of the *Arkansas Alumnus* was prompted to write recently about dangers of determining policy on the basis of public relations rather than principle. It was a splendid statement, and it included these words:

"In the face of fears about 'public relations,' it is refreshing to hear the words of Dr. Barnaby C. Keeney, President of Brown University, one of America's finest private institutions: 'A university that is serving its purpose well is a very hard thing to live with, for in their inquiries the faculty and the students may turn light on things that you wish to leave in darkness; they will stir the waters; they will rock the boat.'"

▶ HARVARD IN LPIGRAM in the *Harvard Alumni Bulletin* also included a quote from "Barnaby C. Keeney, Ph.D. '39": "If I were concerned about adolescent subversives, which I am not, I would require them to attend universities rather than seek to prevent them."

▶ WHILE WE'RE QUOTING, we might slip in the remark of Dr. Alexander Meiklejohn '93 used with approval by William G. Saltonstall at the last Exeter Commencement: "A Freshman is a student who still expects something to happen to him."

▶ PROOF AND REPROOF: Lines on receiving a clipping from this magazine on which some reader had underlined in red our reference to Convocation "colloquys." Sometimes when we read proof,
We goof.

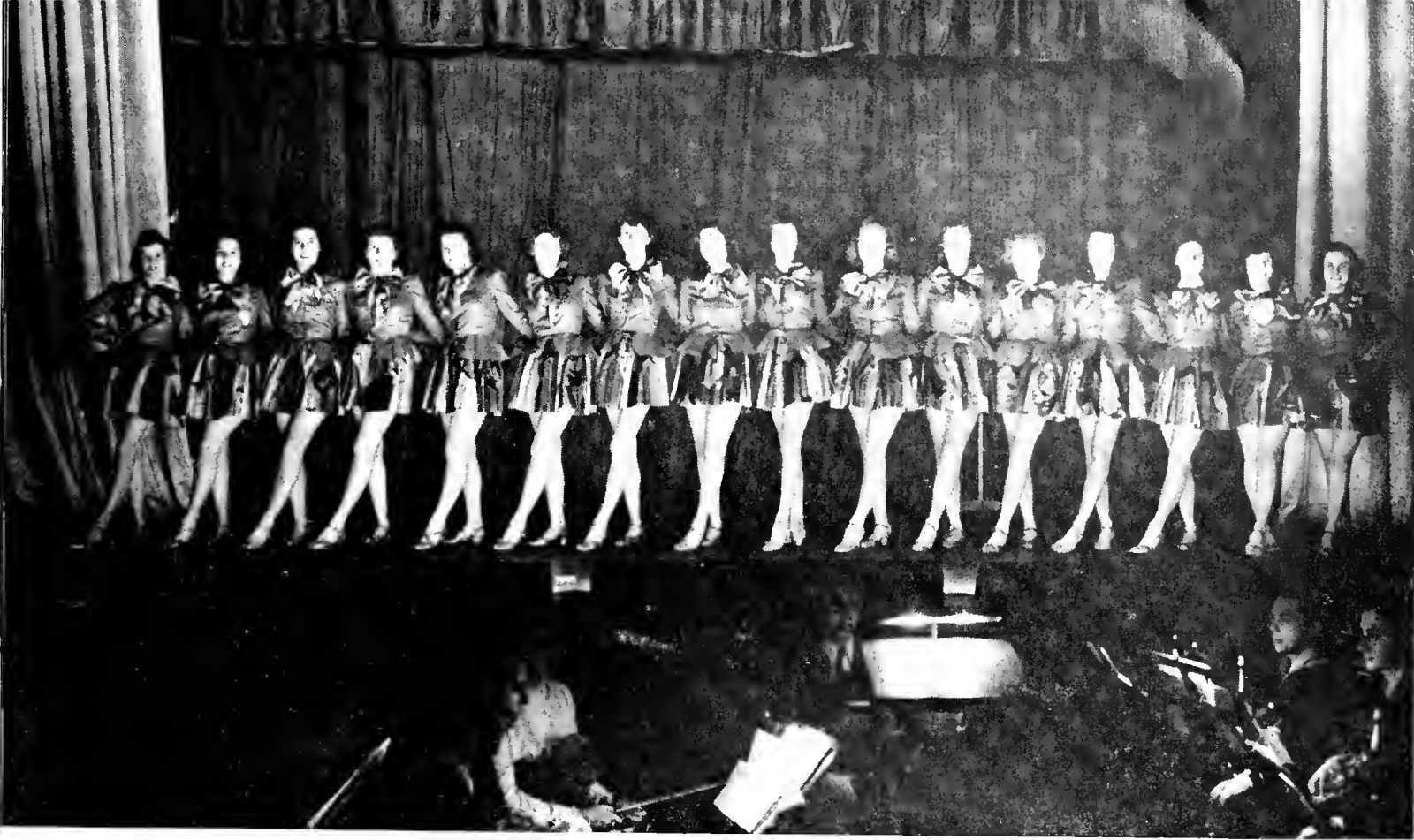
BUSTER

'Somethin' Bruin' Began It All; And Brownbrokers Are Still at It

By LESLIE ALLEN JONES '26



BOY, GIRL, AND MOON
were going strong in 1946.



A BROWNBROKERS CHORUS LINE in 1944. Note also two musicians at the right in Navy uniform—with sleeves rolled DOWN.

TWENTY-FIVE YEARS AGO Nelson B. Jones, Manager of Faunce House, asked me if I'd come into his office. We were not related but had been undergraduates at the same time, and he knew of my background in the professional theater. "Some students of Brown and Pembroke want to stage an original musical revue," he said. "We need you to sort of run things and see that they don't drop sandbags on each other—and keep the peace between them and Sock and Buskin. Are you available?" I was.

On May 9, 1935, we weren't exactly ready, but, with the first performance coming next night, we had to have a dress rehearsal. By that time I was 15 pounds lighter in weight and a veteran of many a long night spent more in peacemaking than rehearsal. That first show, "Somethin' Bruin," was a revue with 23 numbers—with at least one director for each skit, and generally more. Perhaps I shouldn't have been surprised when we reached the last scene, but I shall always remember the sheepish director, who said: "But we never got this far before—we haven't any finale."

We had one, and most successful, especially when Prof. Jerry Botsford, the Faculty advisor, joined it on opening night. Brownbrokers had been launched.

Remembering Some of the Stars

Who would have thought we'd still be at it 25 years later and about to celebrate such a venerable anniversary? Some of the shows have been first-rate, some run-of-the-mill, but I think Brownbrokers have provided one of the better cultural experiences on the Campus as the students continue to write, direct, stage, and perform their own original musical productions each spring. The 1960 show is already in the works.

Twenty-five years of Brownbrokers, with an average cast and crew of more than a hundred—that makes a lot of dancing feet, boy-girl duos, singers, and comedians to remember. But I recall those pioneers of 1935, especially the 20-odd directors who fought the good fight for things as they saw them. There was never a dull moment.

The program for "Somethin' Bruin" listed everyone as part of a baseball team. That idea was born at 2 o'clock in the morning in a dressing room as a means of settling the argument of who should be first. Burton Shevelove later turned professional and is a Broadway director with television credits. Those who saw his "Small Wonder" suspect that this was closest of all to his heart. Another pro is George Eckert, who recently staged "Damn Yankees" in Australia. Wally Goetz, son of a theatrical man, combined with Shevelove in several numbers. Carolyn Troy sang her own composition, "Patch Up My Heart" in the first show. It was bought by a local orchestra leader who used it as his theme song. No other Brownbroker song can claim that distinction, although others survived their shows and a few writers turned up in Hollywood.

Polly Moxley, Amalie Coon, Edna and Ruth Goldstein were the first of the "Smoother Element," tall and beautiful girls who crossed the stage with dignity and announced numbers, setting a precedent that was to last for many years.

When you are young, all things are sharply black and white; there are no middle shades of gray. I say this by way of explanation for Sock and Buskin's original attitude toward Brownbrokers. The dramatic society was mistaken in thinking the theater in Faunce House was its exclusive property. Sock and Buskin men tried to lock away the border lights so that

this upstart group could not have them. I was able to prevent this. In the end, of course, Sock and Buskin could not hide its interest, and it was a Sock and Buskin stage crew which worked backstage for the first two performances, May 10 and May 11. Personal friends of mine, old Sock and Buskin alumni, provided the technical skill needed: Paul Manchester, who designed and built the theater's switchboard, and Kenneth Harlowe, who was to stage so many Sock and Buskin Alumni Shows with me.

An Unforgettable Dress Rehearsal

We had two packed and cheering houses, but the best show was the night of dress rehearsal, and the way of that was this: Most rehearsals had turned into long arguments among the directors, while the cast waited patiently in the seats of the house. On dress-rehearsal night, I took over in self-defense. I threw everybody off stage, called the orchestra, and gave the signal for the first number. It played. To the surprise of the cast, the second number followed without delay.

All went well with the first act until Paul Manchester, running the arc light from the booth, flashed his spotlight to stage right on a dark stage. My stage manager walked into the ring of light.

"Paul, you're off. You're supposed to be stage left."

"Not by my cue sheet."

"Change it. You're supposed to follow her . . ."

The spot swung over, and then Paul stuck his head out of the booth window and got the biggest laugh of the night. "Yeah, man," he shouted. "I'd follow her anywhere!" I remember her—it was Melanie Schroder, very pert and pretty member of the chorus.

Bob McLeod had a pinwheel dance number to be done in the dark with ultra-violet light. It was completely broken on dress-rehearsal night when the electrician missed his cue and opened with a brilliant white spotlight that revealed countless

dismayed Pembrokers in long johns with painted stripes on arms and legs.

So we worked through the first act and came to the second. I was out in the house when the curtain rose to reveal a tearful Carolyn Troy at the piano. She bravely tried to do her number while three directors kept trying to push the piano in opposite directions. I threw them all off the stage. Despite the black looks, we continued and reached the final number and the dilemma mentioned earlier.

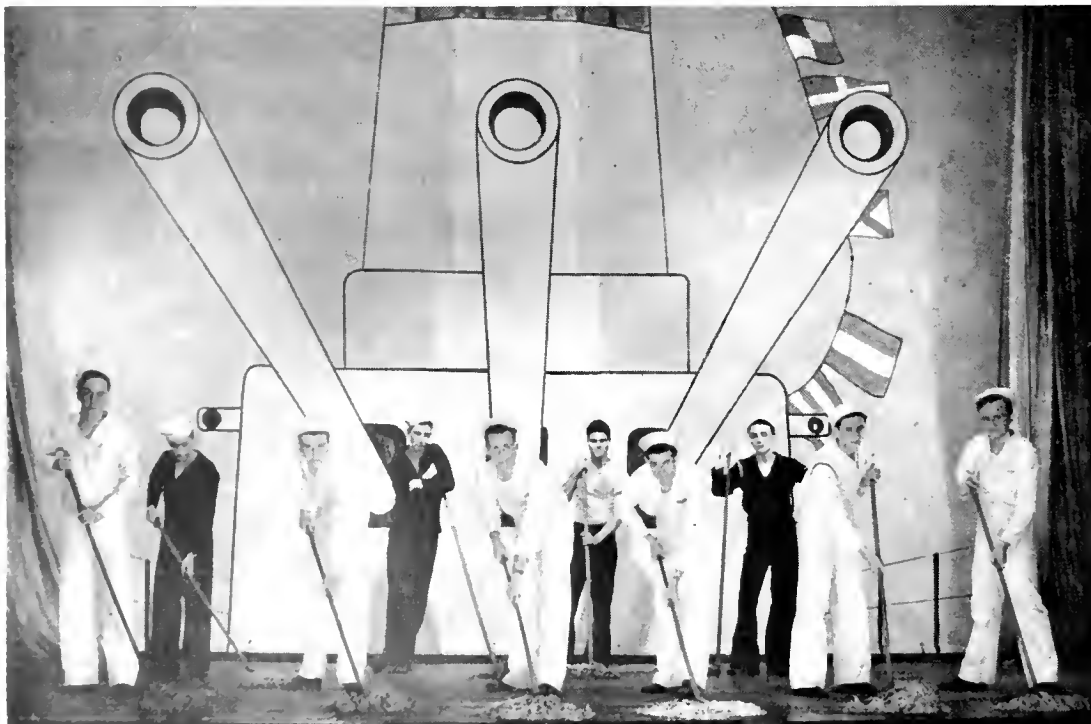
By the way, when we looked through the Brownbroker souvenirs, there were no photos from that first show of 1935. Can anyone enrich our archives by taking care of this omission?

They Had To Come Back to Earth

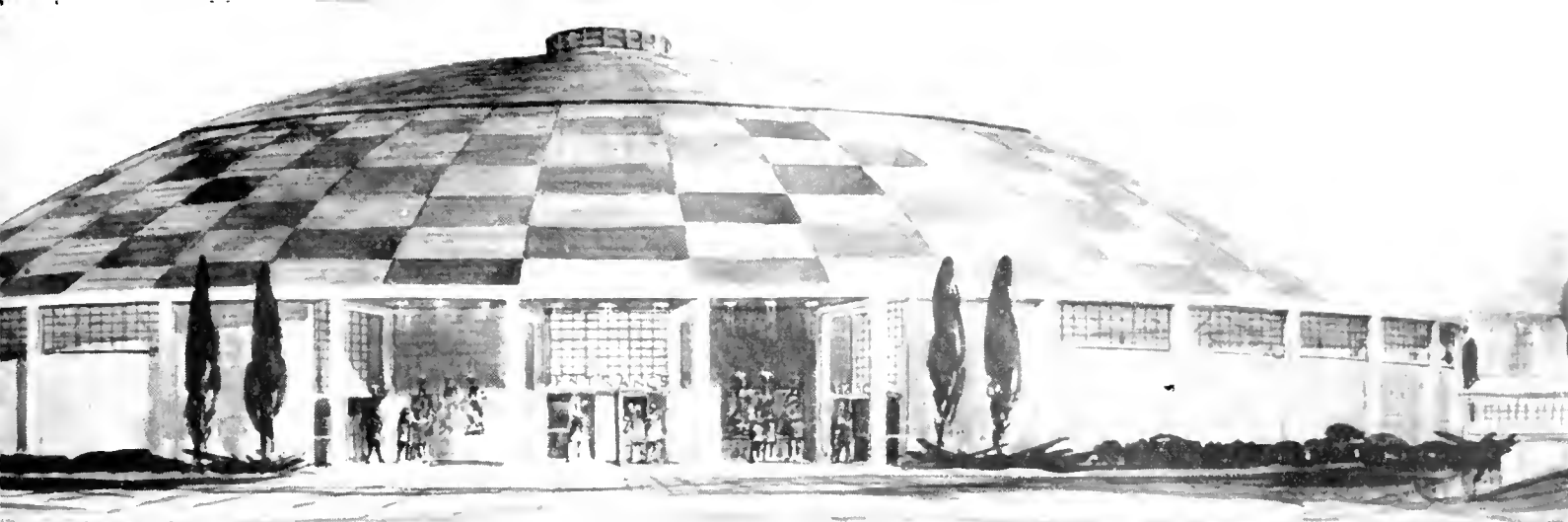
I supervised the first three years of Brownbrokers and was unable to be present again until 1942. So from 1938 to '41 they waxed fat and no one supervised them, for they were fiercely independent. Very grand they were, with a canopy out front, a uniformed doorman, and an orchestra in the pit that grew so large and so loud that nobody could hear what went on behind the footlights. They made enough money at first to give a scholarship to the University, but the tail was soon wagging the dog. Their last show before the war lost money, and too many people connected with it flunked out. No wonder that, by the time I joined the Faculty in 1942, the Faculty took a dim view of Brownbrokers.

I received permission from the University to produce a Brownbroker show, provided production time was kept down to a month. The Brownbroker student board rejected me haughtily: no one could do a show in less than a school year. So-oo, I gathered up some actors from Sock and Buskin and put on a successful vaudeville revue "A Night at B. F. Keith's." Brownbrokers saw the light and came back into production

(Continued on page 10)



COSTUMES were no problem in this Navy show by Brownbrokers. The men were wearing uniforms anyway.



CIRCULAR STRUCTURE, shown in tentative sketch, will bear the nome of George V. Meehan.

Auditorium-Rink Assured by Meehan Foundation Gift

YOU COULD PUT two and two together. As the President said, it obviously had something to do with hockey; you could tell that from the group that was gathered at the home of Foster B. Davis, Jr., '39 in Providence. When Davis had invited the 30 men, he had promised that Dr. Keeney would have an announcement to make, and it was not long in coming after the company had assembled.

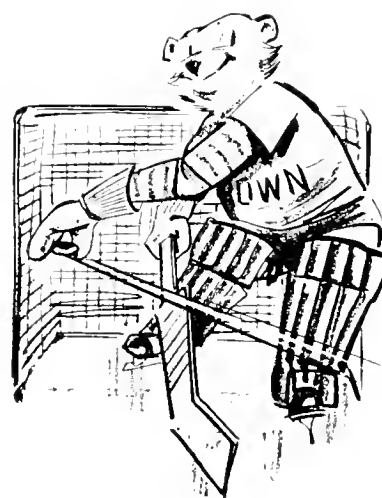
"A gentleman called me up at home the other night," Dr. Keeney said. "He asked me if it would be all right if he gave Brown University half a million dollars for the rink on Aldrich-Dexter Field." A cheer went up from the group.

"What did you tell him?" someone inquired.

That night, Dec. 22, the news was on the radio and television stations; the morning papers carried more comprehensive details, based on the University's release, identifying the source of the benefaction—the Meehan Foundation. It is a family trust, established by George V. Meehan, Providence business executive and father of David J. Meehan '48. The \$500,000 gift, added to funds previously contributed, assures early realization of the project to provide a combination auditorium and skating arena for the University.

"My guess is we'll start this spring," President Keeney said to the group at the Davis house. "Plans have been studied by our committee for some time, and there are working drawings for much of the early construction. While we will probably still be short some of the money needed, I'm confident we'll get it the way the Bicentennial Program is starting off." The building committee met the next day.

The structure, which will cost an estimated \$800,000, is one of the component projects of the Brown Bicentennial Development Program, along with a new library, a Physical Sciences Engineering group, a Pembroke dormitory quadrangle, and the renovated Hope College. Located at the corner of Lloyd Ave. and Hope St. at the northwest end of



Aldrich-Dexter Field, the skating arena-auditorium will be the first new building on this 38-acre property acquired by the University from the City of Providence.

Tentative plans, as drawn by Robert Dean of the architectural firm of Perry, Shaw, Hepburn, and Dean, provide for a perfectly circular building about 240 feet in diameter. Laminated wood supports arch inward from the exterior wall to hold up the domed roof, leaving the interior space unobstructed by pillars. The ice rink will be 200 feet long and 85 feet wide, with banked stands on both sides. The latter will accommodate between 2500 and 3000 spectators. When the building is used as an auditorium, with folding chairs set up in the rink area, the seating capacity will be increased to about 5000.

The plans call for two warming rooms, one on either side of the east end of the rink. Dressing rooms and lockers will be in an existing structure—used as an infirmary before Brown acquired the property—to which the arena-auditorium will be tied. At present, a high stone wall surrounds Aldrich-Dexter Field. A section of the wall at the Hope Street-Lloyd Avenue corner may be torn down to afford an unobstructed view of the new building and to permit the widening of the street intersection at that point.

Dr. Keeney said he was sure news of the Meehan Foundation gift would be welcomed by the many alumni and friends

(Continued on page 17)



STUDENTS AND WEDLOCK

By MARGARET MEAD

ANTHROPOLOGIST MARGARET MEAD, *America's best-known woman scientist, is a trenchant observer of native cultures at home and abroad. A Brown audience during the University Convocation had a chance to savor her rare quality.*

Her travels and studies have led Dr. Mead to make some forthright criticisms of education, sex, marriage, and child-rearing in the U.S.A. Below, she takes a look at a new cultural pattern in college life—and she doesn't like what she sees.

Dr. Mead is President of the American Anthropological Association. In addition to museum duties and teaching, she found time recently to write her 11th book and this article for alumni magazines linked with the "Moonshooter" group. In it, she appraises a growing campus trend and answers the question:

Is College Compatible with Marriage?

ALL OVER the United States, undergraduate marriages are increasing. You find them not only in the municipal colleges and technical schools, which take for granted a workaday world in which learning is mostly training to make a living, but also on the green campuses once sacred to a more leisurely pursuit of knowledge.

Before we become too heavily committed to this trend, it may be wise to pause and question why it has developed, what it means, and whether it endangers the value of undergraduate education as we have known it.

The full-time college, in which a student is free for four years to continue the education begun in earlier years, is only one form of higher education. Technical schools, non-residence municipal colleges, junior colleges, extension schools which offer preparation for professional work on a part-time and indefinitely extended basis, institutions which welcome adults for a single course at any age—all of these are "higher," or at least "later," education. Their proliferation has tended to obscure our view of the college itself and what it means.

But the university, as it is called in Europe—the college, as it is often called here—is essentially quite different from "higher education" that is only later, or more, education. It is, in many ways, a prolongation of the freedom of childhood; it can come only once in a lifetime and at a definite stage of development, after the immediate trials of puberty and before the responsibilities of full adulthood.

The Moratorium They Accept

The university student is a unique development of our kind of civilization, and a special pattern is set for those who have the ability and the will to devote four years to exploring the civilization of which they are a part. This self-selected group (and any other method than self-selection is doomed to failure) does not include all of the most able, the most skilled, or the most gifted in our society. It includes, rather, those who are willing to accept four more years of an intellectual and psychological moratorium. In this period they explore, test, meditate, discuss, passionately espouse, and passionately repudiate ideas about the past and the future. The true undergraduate university is still an "as-if" world in which

Copyright © 1963, Education Publications, Inc. All rights reserved.

the student need not commit himself yet. For this is a period in which it is possible not only to specialize but to taste, if only for a semester, all the possibilities of scholarship and science, of great commitment, and the special delights to which civilized man has access today.

One of the requirements of such a life has been freedom from responsibility. Founders and administrators of universities have struggled through the years to provide places where young men, and more recently young women, and young men and women together, would be free—in a way they can never be free again—to explore before they settle on the way their lives are to be lived.

This freedom once, as a matter of course, included freedom from domestic responsibilities—from the obligation to wife and children or to husband and children. True, it was often confused by notions of propriety: married women and unmarried girls were believed to be improper dormitory companions, and a trace of the monastic tradition that once forbade dons to marry lingered on in our men's colleges. But essentially the prohibition of undergraduate marriage was part and parcel of our belief that marriage entails responsibility.

A student may live on a crust in a garret and sell his clothes to buy books; when a father does the same thing, it is a very different matter. An unmarried girl may prefer scholarship to clerking in an office; as the wife of a future nuclear physicist or judge of the Supreme Court—or possibly of the research worker who will find a cure for cancer—she acquires a duty to give up her own delighted search for knowledge and to help put her husband through professional school. If, additionally, they have a child or so, both sacrifice—she her whole intellectual interest, he all but the absolutely essential professional grind to “get through” and “get established.” As the undergraduate years come to be primarily not a search for knowledge and individual growth, but a suitable setting for the search for a mate, the proportion of full-time students who are free to give themselves the four irreplaceable years is being steadily whittled down.

Who Is Adult and When?

Should we move so far away from the past that all young people, whether in college, in technical school, or as apprentices, expect to be married and, partially or wholly, to be supported by parents and society while they complete their training for this complex world? Should undergraduates be considered young adults, and should the privileges and responsibilities of mature young adults be theirs, whether they are learning welding or Greek, bookkeeping or physics, dress-making or calculus? Whether they are rich or poor? Whether they come from educated homes or from homes without such interests? Whether they look forward to the immediate gratifications of private life or to a wider and deeper role in society?

As one enumerates the possibilities, the ear is assaulted by a familiar cry: “But this is democracy,” interpreted as treating all alike no matter how different they may be. Is it in fact a privilege to be given full adult responsibilities at 18 or at 20, to be forced to choose someone as a lifetime mate before one has found out who one is, oneself—to be forced somehow to combine learning with earning? The question arises here not only of who is adult, and when, but of the extent to which a society forces adulthood on young people.

Civilization, as we know it, was preceded by a prolonga-

tion of the learning period—first biologically, by slowing down the process of physical maturation and by giving to children many long, long years for many long, long thoughts; then socially, by developing special institutions in which young people, still protected and supported, were free to explore the past and dream of the future. May it not be a new barbarism to force them to marry so soon?

“Force” is the right word. The mothers who worry about boys and girls who don't begin dating in high school start the process. By the time young people reach college, pressuring parents are joined by college administrators, by advisors and counselors and deans, by student-made rules about exclusive possession of a girl twice dated by the same boy, by the preference of employers for a boy who has demonstrated a tenacious intention of becoming a settled married man. Students who wish to marry may feel they are making magnificent, revolutionary bids for adulthood and responsibility; yet, if one listens to their pleas, one hears only the recited roster of the “others”—schoolmates, classmates, and friends—who are “already married.”

All Kinds of Matchmakers Busy

The picture of embattled academic institutions valiantly but vainly attempting to stem a flood of undergraduate marriages is ceasing to be true. College presidents have joined the matchmakers. Those who head our one-sex colleges worry about transportation or experiment gingerly with ways in which girls or boys can be integrated into academic life so that they'll stay on the campus on week ends. Recently the president of one of our good, small, liberal arts colleges explained to me, apologetically, “We still have to have rules because, you see, we don't have enough married-student housing.” The implication was obvious: the ideal would be a completely married undergraduate body, hopefully at a time not far distant.

With this trend in mind, we should examine some of the premises involved. The lower-class mother hopes her daughter will marry before she is pregnant. The parents of a boy who is a shade gentler or more interested in art than his peers hope their son will marry as soon as possible and be “normal.” Those who taught GI's after the last two wars and enjoyed their maturity join the chorus to insist that marriage is steady: married students study harder and get better grades. The worried leaders of one-sex colleges note how their undergraduates seem younger, “less mature,” or “more underdeveloped” than those at the big coeducational universities. They worry also about the tendency of girls to leave at the end of their Sophomore year for “wider experience”—a simple euphemism for “men to marry.”

And parents, who are asked to contribute what they would have contributed anyway so that the young people may marry, fear—sometimes consciously and sometimes unconsciously—that the present uneasy peacetime will not last, that depression or war will overtake their children as it overtook them. They push their children at ever younger ages, in Little Leagues and eighth-grade proms, to act out—quickly, before it is too late—the adult dreams that may be interrupted. Thus they too consent, connive, and plan toward the earliest possible marriages for both daughters and sons.

Two Trends, Both of Them “Ominous”

Undergraduate marriages have not been part of American life long enough for us to be certain what the effect will be. But two ominous trends can be noted.

One is the "successful" student marriage, often based on a high-school choice which both sets of parents have applauded because it assured an appropriate mate with the right background, and because it made the young people settle down. If not a high-school choice, then the high-school pattern is repeated: finding a girl who will go steady, dating her exclusively, and letting the girl propel the boy toward a career choice which will make early marriage possible.

These young people have no chance to find themselves in college because they have clung to each other so exclusively. They can take little advantage of college as a broadening experience, and they often show less breadth of vision as Seniors than they did as Freshmen. They marry, either as undergraduates or immediately upon graduation, have children in quick succession, and retire to the suburbs to have more children—bulwarking a choice made before either was differentiated as a human being. Help from both sets of parents, begun in the undergraduate marriage or after Commencement Day, perpetuates their immaturity. At 30 they are still immature and dependent, their future mortgaged for 20 or 30 years ahead, neither husband nor wife realizing the promise that a different kind of undergraduate life might have enabled each to fulfill.

Such marriages are not failures, in the ordinary sense. They are simply wasteful of young, intelligent people who might have developed into differentiated and conscious human beings. But with four or five children, the husband firmly tied to a job which he would not dare to leave, any move toward further individual development in either husband or wife is a threat to the whole family. It is safer to read what both agree with (or even not to read at all and simply look at TV together), attend the same clubs, listen to the same jokes—never for a minute relaxing their possession of each other, just as when they were teen-agers.

Before They Have Their Chance

Such a marriage is a premature imprisonment of young people, before they have had a chance to explore their own minds and the minds of others, in a kind of desperate, devoted symbiosis. Both had college educations, but the college served only as a place in which to get a degree and find a mate from the right family background, a background which subsequently swallows them up.

The second kind of undergraduate marriage is more tragic. Here, the marriage is based on the boy's promise and the expendability of the girl. She, at once or at least as soon as she gets her Bachelor's degree, will go to work at some secondary job to support her husband while he finishes his degree. She supports him faithfully and becomes identified in his mind with the family that has previously supported him, thus underlining his immature status. As soon as he becomes independent, he leaves her. When this pattern occurs between young people who seem ideally suited to each other, it suggests that it was the period of economic dependency that damaged the marriage relationship, rather than any intrinsic incompatibility in the original choice.

Both types of marriage, the "successful" and the "unsuccessful," emphasize the key issue: the tie between economic responsibility and marriage in our culture. A man who does not support himself is not yet a man, and a man who is supported by his wife or lets his parents support his wife is also only too likely to feel he is not a man. The GI students' success actually supports this position: they had earned their

GI stipend, as men, in their country's service. With a basic economic independence they could study, accept extra help from their families, do extra work, and still be good students and happy husbands and fathers.

Should Married Students Be Helped?

There are, then, two basic conclusions. One is that under any circumstances a full student life is incompatible with early commitment and domesticity. The other is that it is incompatible only under conditions of immaturity. Where the choice has been made maturely, and where each member of the pair is doing academic work which deserves full support, complete economic independence should be provided. For other types of student marriage, economic help should be refused.

This kind of discrimination would remove the usual dangers of parent-supported, wife-supported, and too-much-work-supported student marriages. Married students, male and female, making full use of their opportunities as undergraduates, would have the right to accept from society this extra time to become more intellectually competent people. Neither partner would be so tied to a part-time job that relationships with other students would be impaired. By the demands of high scholarship, both would be assured of continued growth that comes from association with other high-caliber students as well as with each other.

But even this solution should be approached with caution. Recent psychological studies, especially those of Piaget, have shown how essential and precious is the intellectual development of the early post-pubertal years. It may be that any domesticity takes the edge off the eager, flaming curiosity on which we must depend for the great steps that Man must take, and take quickly, if he and all living things are to continue on this earth.

Brownbrokers' 25th

(Continued from page 6)

the next year—and have continued, since that time, to produce regularly as a part of our dramatic season. The revue gave way to the plotted musical comedy, sometimes set on College Hill, more often not.

Some of the shows have been very good, none of them have been bad—but sometimes I ache to bang some heads together. I have learned that it is better to suffer in silence while a student director learns the hard way—by experience. Every student actor or author knows he is a better director than the one chosen by the Brownbroker board; that young man or woman learns to walk humbly among all the fussing and the fuming. Sooner or later the show jells, comes alive, and plays—and several of the participants have learned that other people can do things also. I call it part of their education.

The funniest thing in 25 years? Easy: Wimpy's famous flight.

It happened at dress rehearsal. At that time it was the custom for a certain fraternity to put on a skit, or number, in the show. This was a secret until dress rehearsal night, and the entire cast was in the house, watching, when Wimpy—that was his nickname—made his famous flying swing across the stage. He stood in the wings, standing on the shoulders of one man, supported by another. He was clad in a tiger



A MEDIEVAL HISTORY only 20 years junior to the Gutenberg Bible has been added to the Brown University collection of rare books. It was from the press of Gunther Zainer in 1473, the "Historia Scholastica" by Petrus Comestor. Only six other copies of the work are in America. The University has added steadily to the original collection of more than 500 prized volumes from the early printing presses of Europe since Brown acquired the Annmary Brown Memorial in 1948.

skin and had a wreath of roses on his head and a long tin trumpet. Around his waist was a narrow belt; fastened to it were the pulley blocks hitched high up on the gridiron above the stage. I hadn't liked the idea, for the belt was too narrow, so I instructed my stagehand, aloft in the flies, to let him down if he heard me call.

On the stage the stately dance of big football men clad in white union suits and little ballet skirts swung out of a circle into a long line. Came the signal, and Wimpy was to sail grandly across stage, 10 feet in the air, blowing his trumpet. At the end of his swing two men were waiting to catch him, turn him around, and sail him back again.

Well, Wimpy flew all right—with one agonized trumpet blat as the man he was standing on dropped down to his knees. The narrow belt cut off his wind, and he sailed across the stage in a tight ball. On the other side they grabbed his feet to turn him around, but he got out one agonized yell of "lemme down" before starting his return trip. My stagehand heard the word "down" and slacked off on his rope, so Wimpy planed across in a descending arc, knocking over most of the ballet dancers and landing on his stomach in the middle of the stage. The audience loved it, and so did I—but Wimpy was not amused. He flew, for the nights of the show, safely bundled in a canvas sling, looking like a baby about to be delivered by the stork.

"I Lose More Darn Sailors"

Then there was the boy who could never remember his lines in a skit, but who remembered them at dress rehearsal and broke up the show by stepping up to the footlights and calling out to the director: "See, Birdie, I did it."

During the war most of the men were members of the Naval units at Brown. One of them, playing the part of a Shore Patrol, had a bad time with the Captain in Command of the Navy at Brown one year. He thought the Shore Patrol was real but not quite regulation. That was the year, too, when the Navy sent a directive about certain of its trainees who were in uniform in the orchestra: They must not play fiddles with their sleeves rolled back.

A line that brought down the house every night during a show was delivered by a student playing the part of a Naval officer. He came on stage, looked up at the disappearing rope (a sailor had climbed out of sight), and turned to the audience to say sadly "I lose more darn sailors that way."

Every year, in the spring, the time arrives, and once again the piano appears in the pit and the thud of dancing feet is heard on stage and sewing machines whirr in the dressing rooms. Growing pains come and go, but I am not upset. Twenty-five years have simply proved to me that the show will go on. Twenty-five years from now I am quite sure that Brownbrokers will be writing, producing, and acting. The faces will be different, but the jokes will have a familiar ring, and the audience will enjoy the show—and so shall I.

A School for Bankers

BROWN UNIVERSITY has been selected as the campus for the Graduate School of Savings Banking, Dr. Grover W. Ensley, Executive Vice-President of the National Association of Mutual Savings Banks, the sponsoring organization, announced in New York recently. The objective of the school, which will open at Brown next June 19 for its first session, is "to help qualified personnel from savings banks of all sizes to develop skills and abilities in the management of savings institutions."

President Keeney said the University welcomes the decision by the Association to establish its school on College Hill. "Brown is pleased that it will be able to assist in some measure this significant education project being developed by the National Association of Mutual Savings Banks," Dr. Keeney said.

Dr. Ensley said Brown's experience with graduate studies, its fully-staffed Economics Department and its excellent facilities make it an ideal campus for the school.

Dr. Lloyd F. Pierce, who at present is Assistant Vice-President of the Hamilton National Bank of Johnson City, Tenn., has been appointed Director of the School and Director of the Association's newly-created Department of Education. Dr. Pierce received the Bachelor of Arts degree from Carson Newman College, the Master of Arts degree in finance and Economic Theory from American University, and the Doctor of Philosophy degree in Economics from the University of Wisconsin.

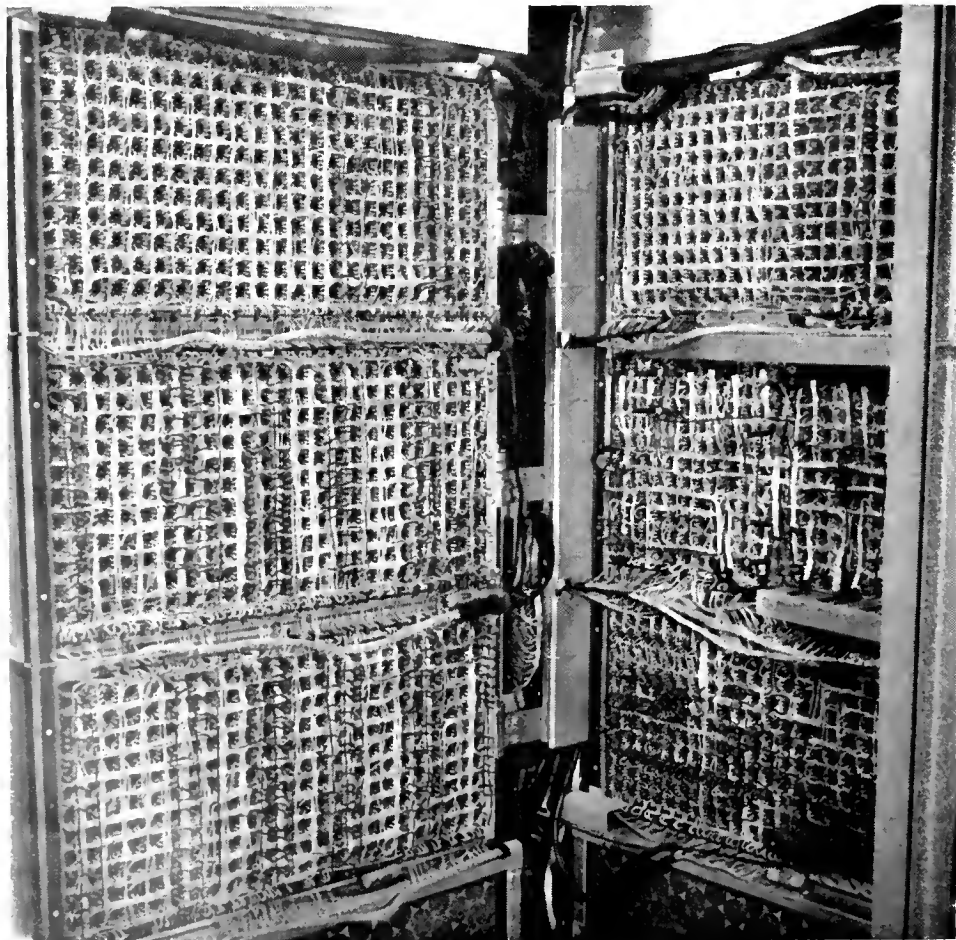
John deLaittre, President of the Association of Mutual Savings Banks, said the Association's new Education Department, which Dr. Pierce is to head, will work closely with Brown and with the Association's Committee on Education and Management Development in organizing the school and its curriculum. The education department will also take over direction of the Management Development Conference at Dartmouth—started by the Association in 1957—and will develop education programs for other levels of savings bank employees, Mr. deLaittre said.

Among the members of the Association's Committee on Education and Management Development is Charles A. Post '10, resident of the Citizens Savings Bank of Providence. Other Brunonians active in the Association are Kilgore Macfarlane, Jr., '23, President of the Buffalo Savings Bank, and Thomas F. Black, Jr., '19, President of the Providence Institution of Savings.

IT MAY NOT SEEM REMARKABLE that Dr. W. Freeman Twaddell, Professor of Linguistics and German, should have met his classes in the last sessions before Christmas and been with them again when Brown reopened after the holidays. What is unusual is that he should have spent a fortnight in Egypt in between. His purpose was to confer with educational leaders there on the training of teachers of English. It was his second visit as an advisor to the U.A.R. program in the field, for he taught in Cairo for several months in 1956. He has similarly been a consultant in Japan twice on the teaching of English there.

More germane to the subject of the accompanying article has been his work as a lexicographer and grammarian. In addition to a year spent on leave as and advisor to the G. & C. Merriam Co., he has had experience in providing a "dictionary" for just such a mechanical translator as he describes in his article. It is adapted from a Convocation talk to undergraduates.

Take a New Look at Grammar



THE COMPUTER has brought a revolution in language translation.

By W. FREEMAN TWADDELL

THE ALUMNUS READER of this magazine is presumably in possession of a certificate of proficiency in English and a Foreign Language. It ought to be safe to write about grammar, therefore, without danger of anything worse than painful memories. Anyhow, the kind of grammar I'm going to deal with is certainly like nothing you had to undergo in school or college. It is certain that none of your Freshman English teachers or Foreign Language teachers had heard about it in those distant days when they were inflicting grammar upon you.

This kind of grammar is the offspring of the vacuum tube or transistor, in the attempt to use high-speed computers for translation. Machine translation (it's called MT, of course) requires a very special kind of grammar, very different from the grammar you acquired.

You learned a lot of statements and instructions about endings and how to combine them. You were supposed to learn how to apply several of them at once, so that you could recognize what was going on in a Foreign Language sentence or produce a sentence in English or a Foreign Language. You had to learn to do a lot of grammatical recognition simultaneously, because language happens very fast.

25 Minutes for a 30,000-Word Text

But the computer is quite different from you in this respect. It can only do one thing at a time, and it can do only very simple things. But it can do them fast—so fast that it can do thousands of very simple things while you do one fairly complicated thing. Your grammatical training was designed to form habits of doing several complicated things at once without having to stop about each one of them separately; the MT grammar has to be designed so that the computer can do one very simple thing at a time, in an efficient sequence.

Once that efficient sequence has been worked out, the computer can do its grammatical job in its simple-minded way far faster than you could. In a recent test with chemical Russian, a 30,000-word text was completely analyzed grammatically in 25 minutes. With all affection and respect for my Russian-teaching colleagues in Marston Hall, I doubt if even they would like to make grammatical analyses at the rate of 20 words a second.

The grammatical requirements for MT are both analytical and synthetic: The original-language text has to be analyzed, and the target-language text has to be synthesized. All this has to be done by a sequence of questions and instructions of an elementary "Yes-or-No" nature. Instructions have to be added for procedure if the answer is "Yes." If the answer is "No," it has to be ready to go on to the next question.

That's the sensitive feature of MT grammar: Which question should be asked first? And which one next? When you learned your grammar, the teacher took for granted your ability to do several things at once. He also assumed your ability to see when you were getting into trouble and had better go back and start over again. But you can't expect a computer to say, "Ooops, maybe this is a neuter noun," and then go back and revise its answers. You have to put the question this way: "Is this noun neuter?" This question, moreover, must come before the questions about what case its ending may be indicating. And, of course, you have to ask, "Is



PROFESSOR
TWADDELL

this a noun?" before you ask whether or not it's a neuter noun.

*"Fancy the Fabric Ere You Build"**

We must realize, of course, that we ought not to waste the computer's time. Even if it does work very fast, the machine ought not to have to work through a whole series of questions to which it is going to answer "No." For example, if a computer were analyzing an English text, it should not be asked as its first question: "Is this a noun which forms its plural by adding *-im*?" This is a useful question if the noun happens to be "cherubim," "elohim," "hasadim," or "seraphim." But these words are relatively rare in, say, the literature of the chemist.

The analytical grammar of MT, then, is under two kinds of constraints as to the sequence of questions: First, it is a logical requirement to determine the larger categories first (like "noun" before "neuter," and "neuter" before "dative"). Second, we should ask first the questions to which the answer will frequently be "Yes." Then the computer can get on with its job of answering questions which logically depend on an earlier "Yes" answer. (We're reminded of the techniques of the panel on "What's My Line?"—Ed.)

If this analytical grammar is efficiently constructed, the number of consecutive questions can be made manageably small. For example, a sequence of about 800 questions is enough to get nearly all of the useful grammatical information about a Russian verb. You and I wouldn't want to check through an 800-item questionnaire about a single Russian verb, but the computer doesn't mind. It will run through its inquiry in less than a 10th of a second.

Draft This English Language

The synthetic side is a little tougher. It takes about 1500 instructions to the computer to produce an English verb construction. (This is what we do ourselves every time we utter or write a sentence, because we have formed habits of doing several things at once about English verb constructions. If we had not, we couldn't speak English.)

The grammarians who are programming those 1500 instructions to synthesize an English verb construction have one of

* Source of quotation on request

the hardest tasks, because the English verb is one of the most complex grammatical phenomena known to linguistic research. If you have heard a foreigner get into trouble with the English verb, you'll believe this. Maybe you had trouble with verbs in a Foreign Language—that's the other side of the picture. You thought it was because the foreign verbs were queer. Actually, most of the difficulty came from the queerness of your own built-in habits as to English verbs.

The nature of the computer forces its grammarians to dig deeper and more systematically. Most of our grammar up to now has tacitly assumed common sense on the part of its user. Probably we have swept some problems under the rug that way. It is the nature of the computer, however, to have no common sense. We have to keep going until every problem has been clearly identified, analyzed down to its ultimate "Yes No" essentials, and definitely answered.

The computer, moreover, compels the grammarian to be entirely consistent and complete. Up to now, we've been able to describe part of a grammar at a time, and to put the rest on ice for a while. We described nouns as nouns, and then verbs as verbs. For MT, we discover that some nouns have a different verb grammar from others; that fact has to be built into both parts of the total grammar—or, better yet, into a synthesis of the two parts.

The grammar that the MT researchers are discovering and formulating is prescribed by the nature of the computer. And computers aren't human. The temptation, then, is to say that MT grammar isn't interesting to us except for MT purposes. But this would be short-sighted. MT grammar has to be logical, and statistically sensible, in order to be efficient.

What the Machine Can Teach Us

Cynics are fond of saying that human beings are illogical and inefficient, but they are telling only a small part of the whole story: More human behavior is logical and efficient than illogical and inefficient. The exceptional illogicality and inefficiency catches our attention, but that is precisely because it is exceptional. To a useful extent, the logicity and efficiency of MT grammar is applicable to the behavior of us human non-computers in our production of language and our intelligent understanding of language. In some ways, we are more efficient than the computer, because we are much brighter. In other ways, we are less efficient because we are slower. There is a difference.

Still, there is enough logic and efficiency in our use of language so that MT grammar can suggest better ways of design practice materials in language for humans. Humans, after all, will have to learn languages for quite a while to come. I'm interested in language-learning because it's part of my professional assignment. You are interested in it because some of you, and more of your younger brothers, and even more of your children, living and working in the late 20th and early 21st centuries, will be living and working where English is not the most advantageous medium for understanding and being understood.

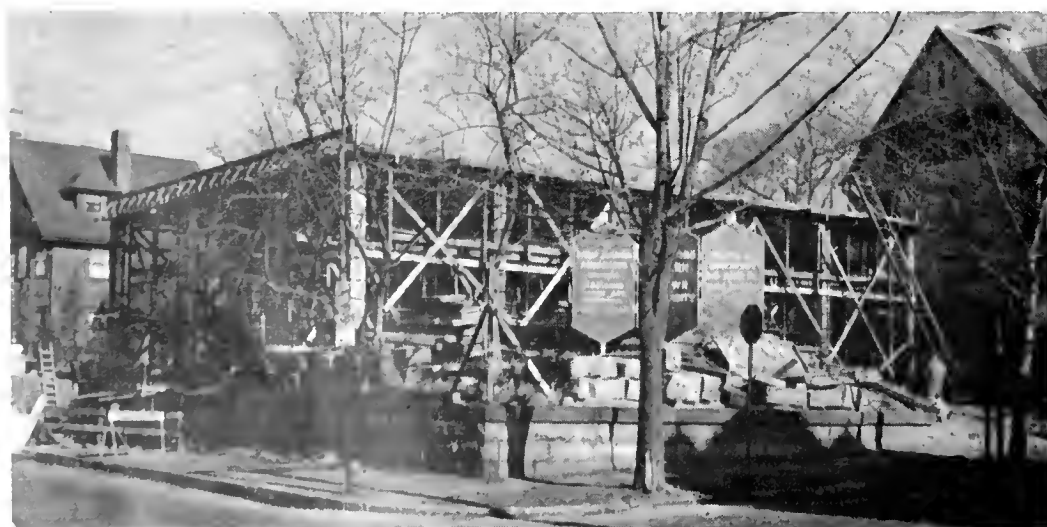
Don't Expect the Ultimate Yet

Let us not be misled by the speed with which the grammar of a 30,000-word text was analyzed in an experimental run in 25 minutes. There is a lot of hardware still to be invented before that 30,000-word text is processed for analysis. Not every text will be analyzed within a fortnight of its publication.

Moreover, in person-to-person contacts, the translation processes which work for printed texts will not work for face-to-face talk. If you are fated to spend 18 months in Tashkent, you cannot go to Macy's and buy a portable machine to translate spoken Uzbek into English and English into Uzbek with attached microphone and loudspeaker or headphones. If you could, Heaven help you if the Uzbek (or you) had a rustic dialect, or a lisp, or a sore throat. Whether he believes it now or not, it is possible that one of our Brown undergraduates will be in Tashkent before 1970; it is probable that one of his siblings will; it is almost certain that one of the children of one of them will be in Tashkent before 1999.

So, the machine may be the servant of the human being again, as so often in the past. The rigorous logic and efficiency which the computer demands in the formulation of its grammar may break paths. It may show the way to construct learning materials for relatively slow but incomparably bright Brown and Pembroke students of the future, whether they are undergraduates or in alumni status, when they need efficiency in learning Uzbek, or Swahili, or Telegu, or French.

(By the way, that quotation-with-asterisk we used as a subheading is from Browning's "A Grammarian's Funeral." Here's another quote from the same: "Here—here's his place, where meteors shoot, clouds form, lightnings are loosened, stars come and go!"—Ed.)



A PROGRESS PHOTO of the Watson Computing Center as it rises at the corner of Brook and George Sts.



THE MEMORIAL to Thomas J. Watson as it was envisioned by the architect, Philip Johnson.

Computing Center

*Its Miracles Will Stimulate
New Research and Projects
Already Under Way for
University Scientists*



DR. WILLIAM PRAGER at an IBM 650. A \$350,000 grant is providing a 7070 model, one of the finest achievements in computer technology.

ALTHOUGH Brown University's new Computing Center is rising impressively on the northeast corner of Brook and George Sts., members of its Faculty have not waited for that facility before making imaginative use of equipment which will eventually be housed there. One program already hailed by science is an aid to the observation and phototracking of artificial earth satellites by stations around the world. A further stimulant to the work at Brown will come when it receives a high speed computer of the latest design, financed by a \$350,000 grant from the National Science Foundation.

Until last fall, a major problem in taking pictures of a satellite had been the difficulty of making precise advance determinations as to exactly where and when in the sky the satellite would become visible for any given phototrack station. The computer program developed under Prof. Walter Freiburger of the Division of Applied Mathematics was designed to overcome this handicap. Prepared in the form of

a deck of punched cards, it can be used by any facility equipped with an IBM 650 computer.

When the computer is given punch-card data describing the current orbit of a satellite, the Greenwich mean times, and the geographical areas of interest to a particular station, the machine goes to work. It prints out a table showing the longitude at which the satellite will cross each latitude of interest, the time and height of crossing. There is even an indication as to whether or not the satellite will be illuminated by sunlight. The station can thus determine precisely when and where to aim its tracking gear in readiness for observing any satellite pass likely to be visible from its location.

The computer program promised to be of particular value after the successful launching of a satellite with high drag characteristics. A series of photographic negatives of such a satellite in orbit, it was believed, would yield important information for air-density studies. Satellite photographs can also provide useful geodetic data. Geodesy is that branch of

applied mathematics concerned with the determination of the exact position of points and the figures and areas of large portions of the earth's surface, or the shape and size of the earth itself.

Much of the work of compiling the computer program was done by Margaret Younge, a research assistant in Brown's Division of Applied Mathematics. Also under the supervision of Dr. Freiburger in this connection were Dr. E. Turan Onat, Associate Professor of Engineering, and Ismael Herrera, research assistant. The program has been distributed by headquarters of the Volunteer Satellite Tracking Program in Washington. The work at Brown was done in collaboration with Norton Goodwin, Project Director of Phototrack.

The Speedy Machine's Marvelous Memory

The \$350,000 grant from the National Science Foundation last fall is being used to purchase an IBM 7070 electronic data-processing system, a fully transistorized machine which incorporates some of the most advanced achievements in computer technology. Delivery of the first 7070 systems is scheduled this year. The new machine will be installed in the new Computer Center and will replace the IBM 650 model which has been operated in the Applied Mathematics Building at 182 George St.

The IBM 7070 will carry a price tag of close to a million dollars in the commercial market. Under its educational support program, however, IBM has granted the University a 60% allowance on the cost of the machine. IBM's program in this respect is intended to support both instruction and research in the field of data-processing at universities.

The new computer will significantly expand the scope of the work at Brown in the widely-known Division of Applied Mathematics. The IBM 7070 is greatly superior in both memory capacity and speed to Brown's present equipment, according to Dr. William Prager, L. Herbert Ballou University Professor. Dr. Prager, who will be Director of the new Computing Center, said the replacement of vacuum tubes by transistors promises to make the 7070 a most reliable machine, economic to maintain and service.

The Computing Center will be operated as an integral part of the Division of Applied Mathematics, which is headed by Dr. Ronald S. Rivlin. He says the IBM 7070 will permit scholars to apply the latest high-speed computer techniques to a wide variety of problems being studied on the Brown campus in the physical and biological sciences, mathematics and engineering. The computer's exceptionally fast data-handling ability will be equally useful for computational and data-processing problems arising from economics and the other social sciences, operations research and business and management studies.

From Facial Expressions to Cerebral Palsy

The computer will also play an important role in the educational activities of the Division of Applied Mathematics, which already offers both graduate and undergraduate courses in numerical analysis and computer programming. Dr. Freiburger, who is largely responsible for these courses, says students in all departments will have the opportunity of becoming acquainted with the application of computers to their respective fields.

The advanced solid-state design of the IBM 7070 will provide Brown University researchers and scientists with an

extremely powerful computing tool. In one second, the system is able to add 16,600 five-digit numbers and perform 27,700 logical operations. Each of four magnetic tape units will be able to feed information into the computer at the rate of 15,000 characters a second.

Brown will apply this data-processing power to a wide variety of research projects. In addition to handling new problems for the University's research staffs, the 7070 will make it possible to expand studies begun on the IBM 650 computer. The latter touch on many fields: The applied mathematics group, for example, has used the computer to determine pressure distribution and the associated flow field near a flat-headed cylinder in a supersonic airstream. Biologists have been studying genetic predisposition toward cerebral palsy with the aid of the 650. The Department of Psychology has used the computer in a study of the way people judge facial expressions.

The university's intention is to make the computer available to other educational institutions in the state, to the proposed Rhode Island Nuclear Science Center in Narragansett, and to Rhode Island business and industry for research projects.

In Memory of Thomas J. Watson

The University's new Computer Center, rising a block to the east of the main Campus, is a gift to Brown from Thomas J. Watson, Jr., '37, President of International Business Machines Corp., and his mother. It is a memorial to the late Thomas J. Watson, Sr. The estimated cost of the center, scheduled for full use late in the year, is somewhat in excess of \$300,000.

The rectangular building is about 77 feet by 55. Of two floors, the first will be almost completely below ground level (the lot itself is several feet above street level). A broad flight of five steps will lead up from George St. to a landscaped terrace in front of the building. A second flight of three steps will lead to the main entrance, opening into a lobby that will extend across the entire front. The outer wall of the lobby will be of glass, compartmented by narrow, finlike structural columns that will add to the architectural interest and help soften the effect of direct sunlight. The building's three other exterior walls will be windowless above the ground level and fabricated with a surface of light red granite chips.

Extending across the rear of the building and not visible from the street will be a sunken terrace about 20 feet wide, which will allow windows for the offices lining the rear section of the basement floor. In addition to the eight offices planned for the basement, there will be a kitchenette for staff members working late shifts, a lounge, and a large room for electrical and air-conditioning equipment. The entire building will be air-conditioned.

The principal feature of the main floor, of course, will be the computer room, for which all else is auxiliary. It contains about 1600 square feet. Next to it will be a smaller but still sizeable lecture and seminar room.

Architectural plans for the center were prepared by the New York City firm of Philip Johnson Associates, with Conrad E. Green '36 of Providence as supervising architect. The contractor is Frank N. Gustafson & Sons, Inc., of Providence, of which Prescott W. N. Gustafson '36 is President. Henry D. Sharpe, Jr., '45 is Chairman of the Building Committee, which includes: Dr. Keeney, Provost Bliss, John Nicholas Brown, Dr. Prager, and Messrs. Watson, Johnson, and Green.

Enigma Under a Door Slab

A BROWN ANTHROPOLOGIST is looking for help in identifying a small stone image that was reportedly found a year or so ago under the door slab of an old country house in Rhode Island's South County. Prof. Louis Giddings, Director of Brown's Haffenreffer Museum of the American Indian, admits that the foot-high carving in reddish soapstone has him stumped. "There's always the possibility," he says, "of a carefully contrived fake. But this thing doesn't look like a fake to me."

Dr. Giddings says the small figure has the genuine aspect of primitive art, and the signs of weathering over a long period of time. It is an obviously stylized image, with an up-turned, flat disk of a face; chiseled slits for eyes and mouth; arms and hands at rest across the front of the body column. Conceivably the carving could have been done by an artisan of a primitive Indian culture indigenous to the area, but there is no record of similar objects associated with that culture, according to Professor Giddings. He is a specialist in primitive cultures of the North American continent. Indians of this area did use soapstone for howls and other utilitarian objects, but not, as far as is known, for anything like the mystery image, he says.

The small, male figure was loaned to Professor Giddings recently by C. W. Woodmansee of RFD 3, Norwich, Conn. It was on display for several weeks at the Haffenreffer Museum on Brown's Mount Hope property in Bristol, R. I.

Mr. Woodmansee, who is a collector of Indian materials, told Professor Giddings that the carved image was uncovered about a year or two ago under the door slab of an old house that had stood for several generations on Ministerial Road in Wakefield, R. I. The house had been torn down, and the slab was dislodged during the filling in of the cellar hole, Mr. Woodmansee said. He sent a picture of the object to a Yale University anthropologist. The Yale man could not identify it from the picture, but suggested that it might have arrived in Rhode Island during the 19th century from some far part of the world aboard a whaling ship. Many primitive art objects were brought home to New England, particularly from the Pacific area, during that era by members of the whaling crews.

Professor Giddings agrees that this is a possible explanation for the presence of the stone image in Wakefield, but thinks it is an unlikely one if the old house, as Mr. Woodmansee believes, had been standing for between 200 and 300 years. Even at the lower end of his estimate, the house would have been built and, presumably, the image buried under the massive stone slab well before the whaling ship era.

The image has some aspects that could indicate either an Oceanic or Central American origin, but Professor Giddings is not prepared to rule out the possibility that it is of local Indian origin.



WHAT IS IT? Brown onthropologists would like to know.

The Rink Assured

(Continued from page 7)

of the University who have been working to obtain funds for the building. "Alumni and others interested in the auditorium-skating arena have worked hard during the last three years, principally in the Providence area, to raise money for the building," he said. "Happily, the generosity of the Meehan Foundation will now bring this new facility into being, more rapidly than we had dared hope. It will be useful to the University in several ways. For the first time in Brown's history, our hockey teams will have their own indoor rink, and the ice area, of course, will also be available for recreational skating.

"Equally important, the building will provide an auditorium capable of seating the University's entire student body. At present, we have no hall large enough to do this. With so commodious an auditorium, we shall more easily be able to schedule special public events similar to last October's convocation on 'Man's Contracting World in an Expanding Universe.'"

Members of the Building Committee are Elmer S. Horton '10, Chairman; Foster B. Davis, Jr., '39, Harry Burton '16, Howard Huntoon, and Ward A. Davenport, Director of Construction Planning at Brown. Paul F. Mackesey '32, Athletic Director, and James H. Fullerton, hockey coach, are advisors to the committee; Maurice J. Mountain '48, Assistant Vice-President of the University, is secretary.

For a Brown Bookshelf

EDITED BY ELMER M. BLISTEIN '42

THE NEGLECTED MUSE: *Restoration and Eighteenth-Century Tragedy in the Novel (1740-1780)*, by Robert Gale Noyes '21. Brown University Press.

TO READ *The Neglected Muse* was for me to return briefly to the Brown classrooms of 20 and 10 years ago where I was first seriously introduced to literature by, among others, Prof. Robert Gale Noyes. I recall the wit and compassion of Professor Noyes in his undergraduate course in the English novel, and, just as vividly, the knowledge of English fiction and the scholarship he urged upon the members of his graduate seminar in the eighteenth-century novel. It is delightful to listen to him again. His latest book, which, it goes without saying, is a meticulous scholarly achievement, is very entertaining reading for anyone interested in the fiction, drama, and literary criticism of eighteenth-century England, or simply in books, plays, and human beings.

Professor Noyes' purpose is to examine the hundreds of English novels, great and tiny, famous and rare, published between 1740 and 1780, in order to determine "the novelists' opinions of the theatrical repertory, particularly tragedy." Those novelists often concerned themselves with "criticism of the drama and stage," provided in some of their episodes "a wealth of realistic detail about the theater," and produced amusing, often valuable social reporting in their descriptions of the theater audience and its behavior. In pursuing this purpose, Professor Noyes considers the works of such major novelists as Richardson, Fielding, and Smollett as well as innumerable lesser works. He records their comments on the heroic drama of Dryden, Lee, and Congreve; the sentimental tragedies of Otway, Southerne, and Rowe; the "classical" tragedy of Addison and others; the significant domestic tragedy of George Lillo (*The London Merchant*); and the pseudo-romantic tragedy of Home and Jephson.

In the eighteenth century the novel had not quite created itself. Novelists sometimes thought they were essayists, journalists, or letter-writers: witness *Pamela*, in which Richardson collects a private correspondence, or *Tom Jones*, in which Fielding includes his own essays on such matters as literary theory and criticism of critics. As a result, many novels contained more or less lengthy passages about the dramatic unities, poetic justice, or the morality of the theater, when their writers were concerned with such things.

In more interesting fashion, those topics were argued aloud by the characters of scores of novels. Or they were considered by implication in the most exciting episodes of all those in which the characters visited the theater or took part themselves in theatrical productions. In collecting and

presenting such passages and scenes, thus tapping an enormous source of information about eighteenth-century theatrical taste, Professor Noyes has admirably fulfilled his purpose.

Three aspects of *The Neglected Muse* especially delight me. First, the book reveals that literary chitchat has improved very little in two centuries, though the standards of criticism are different now. Overhearing fictional eighteenth-century ladies and gentlemen discussing Dryden or Rowe or Nat Lee in terms of the unity or morality of their plays is like overhearing real modern ladies and gentlemen discussing Williams or MacLeish or Sartre in terms of the symbolism or "existentialism" of their plays. I am impressed by the remarkable continuity not only in civilized human interests but in mankind's proclivity to pretension and prejudice.

Second, *The Neglected Muse* reveals the ways of the theater, professional and amateur, and the eccentricities of theatrical people as recorded by the novelists. Having been associated with college and civic theater for a number of years, I can vouch that these things, too, have changed very little. Good plays are still murdered by amateurs, actors still go utterly blank in climactic scenes, sets still collapse, and props still disappear at decisive moments. Young men and women still burn for the theater, develop enormous egos, and with flimsy talent besiege theatrical managers. The novelists Professor Noyes discusses had great sport with such matters.

Finally, I am most pleased with the tone that Professor Noyes achieves. His own voice penetrates the scholar's objectivity, the voice that I recall, with its subtle (and sometimes not so subtle) humor, patient understanding, and love for the essential life and liveliness of books and the theater. Above all, that love. It is refreshing as a martini at five o'clock to read a book that is written for love, not money, and to be put in touch with the man who radiates it.

DONALD W. BAKER '44

Donald W. Baker, M.A., '49, Ph.D., '55, is an Associate Professor of English and Director of Drama at Wabash College.

SCRIMSHAW, by Winfield Townley Scott '31. Macmillan (one of the first volumes in the new series of "The Macmillan Poets," paper-bound.

In his first collection of lyrics since *Mr. Whittier and Other Poems* of 1948, Winfield Townley Scott demonstrates again the precise and moving sense of language, place, and person that has distinguished his work throughout the poetic career that began with *Biography For Traman* in 1937. Indeed, this new book, *Scrimshaw*, following hard upon the pub-

lication of his long narrative poem, *The Dark Sister*, 1958, finds Mr. Scott at the peak of his form. The forty-eight poems in *Scrimshaw* testify to an ease, a powerful restraint, and even a studied carelessness that can only be the product of years of disciplined craft and insight.

The title, as Mr. Scott's three epigraphs explain, is a whaling term, referring to, in Melville's words, "the numerous little ingenious contrivances they (the whalers) elaborately carve out of rough material, in their hours of ocean leisure." These poems, then, are carved, like the sailor's art, from the rough material of human experience, and the sea is never far distant from any of them.

Indeed, the sense of place, dominant in much of Mr. Scott's verse, is particularly strong here. Bermuda, New Mexico, and New England all find a human voice to shape their landscapes, particularly the latter, for, despite his distance from the New England scene, it is the shoreline of his first years that continues to form the dominant moods of Mr. Scott's settings. A poem like "Watch Hill," with its sense of the threatening and yet liberating ocean, creates a human feeling to match and measure the possibly indifferent majesty of nature.

But, beyond this, in the best poems of this collection, the sense of place gives way to the sense of person in the place. In poems like "Memento," "Point of View," and "In That House Where Day Was Night," Mr. Scott is able to create a cleanly-chiseled structure in which his sense of permanent place and impermanent, mortal human in that place fuse in an original and moving way. In fact, Mr. Scott's poetic language which, in some of his earlier work, approached perilously close to the prosaic, attains a new and more resonant music in this collection, particularly in those poems which move from an initial nostalgia to something stronger and more lasting.

This is exactly true in "In That House Where Day Was Night," an elegy written to W. H. Gerry, Brown '29, which begins with a quiet sense of loss and ends on a firmer, more highly organized note of tragic affirmation than we have seen in Mr. Scott's poetry before:

Stars weave among each other over
The windy woods, and I remember
"Nothing that sounded once is lost."
Voices of living man and ghost
Arriving on the withering air,
Expand the welkin where they are,
And move and are, and recklessly
Dissolve and die, arise and die,
Re-form in coldest night, rehearse
The unbraiding and braiding universe.

Not all the poetry in the book reaches this level, but, in many poems, there is an excitement and a tension in the poetic language itself that marks a new and promising development in Mr. Scott's career. Of particular interest in this regard is the closing poem of the collection, a superb tribute to "Coleridge."

The satiric eye and the exact observation we associate with Mr. Scott's previous

collections are also present here in poems like "Mrs. Severin" and "The Man at Mid-century." The pure lyric note is also heard in "Come Green Again," which concludes:

What I have learned enough
To have as air to breathe
Returns as memory
Of undiminished love:
That no man's creation
But enlarges me.
O all come green again.

It is part of Mr. Scott's function as a poet to make all come green again, and, in so doing, his creation is bound to enlarge the possibilities of experience in his readers.

D. J. HUGHES

Daniel J. Hughes, M.A. '53 and Ph.D. '57, an Assistant Professor of English, is a practicing poet whose work has been published in such periodicals as *The Atlantic*, *Paris Review*, and *Poetry*.

DARK CONCEIT: *The Making of Allegory*, by Edwin Honig. Northwestern University Press. 210 pages. \$4.50.

This is, in some respects, a valuable book and might even become, among literary critics, an influential one. Its value lies mainly, I think, in its forthright defense of allegory—a defense not only of such particular allegorists as Dante, Spenser, Bunyan, Hawthorne, Melville, and Kafka, but of the allegorical vision in general as a permanently fruitful mode of literary creation and interpretation. Such a defense has been needed for a long time. As Professor Honig demonstrates in his opening chapter, modern critics tend to view allegory with a certain uneasy suspicion, if not downright hostility.

There are a number of reasons for this attitude. One is the traditional association of allegory with didacticism. There seems to be a quality of caginess in the modern mind that makes us dislike being taught by someone who smuggles his doctrine in under a cover of allegorical narrative, especially when, as is so often true, the allegorist lets the corners of his doctrine stick through the narrative wrapping. Another reason, mainly derived from Coleridge but reinforced by the teachings of Freud and Jung, is the modern preference for whatever seems to well up unbidden from the irrational springs of the unconscious mind.

There is a feeling, therefore, that the systematic ordering of symbolic persons and events and the careful matching of surface narrative with underlying significance that are characteristic of allegory are altogether too conscious and constitute a kind of cold-blooded perversion of art. But more important than these biases, as Professor Honig points out, is the modern loss of a vision of the ideal. The sense of anagoge, of ultimate spiritual meaning in words and things, that animated Dante has atrophied.

As a result of this loss, such critics as Henry James have felt that allegory is little more than "a stuffing made to fill out a preconceived structure or theory that opposes a realistic . . . view of life, and so

in effect . . . is responsible for the world's most forcible-feeble sort of writing."

In his attempt to show that allegory is a great deal more than this, Professor Honig begins by examining the origins of allegorical thought in the body of priestly and philosophical interpretation that grew up around traditional myth, especially among the ancient Greeks. He goes on to show how changing concepts of the ideal provided new bases for allegory in later periods. The cults of the Virgin and of courtly love in the eleventh century, for example, led to the idealization of woman that later made possible Dante's allegorical vision of Beatrice. Similarly, in the nineteenth century, New England transcendentalism provided the indispensable sense of the ideal for Melville and Hawthorne.

Dark Conceit is not, however, an historical study. Its major concern is to reveal the general principles of allegorical composition and the problems that every allegorist must meet. These problems all stem from the "double purpose of making a reality and making it mean something."

Professor Honig shows how the allegorist projects an autonomous and meaningful world by means of such devices as personification, significant nomenclature, and analogy between actions and states of mind. He particularly defends the traditional use of the dream artifice as a framework for allegory. He does so on the ground that actual dreams demonstrably contain, in addition to the sort of private experience of the individual dreamer that the allegorist must eschew, a great deal of the typical experience of all dreamers. He also uses modern theories of the dream, especially Freud's view that the dream reflects, among

other things, a common human craving for the ideal, to support the use of such literary versions of the ideal as epic and pastoral.

All of this analysis of problems, forms, and techniques contributes to a fuller understanding of allegory, and the detailed discussions of particular works like *The Faery Queen*, *Moby Dick*, and Kafka's *Metamorphosis* might be helpful to any student of literature. On the other hand, it is clear that *Dark Conceit* is intended for a specialized and, I should think, a rather narrow audience. The author's point of view seems to be that of the rhetorician instructing a group of apprentice allegorists in the principles of their art rather than that of the interpretive critic casting light on dark matters for the benefit of the general reader.

There is certainly very little illumination in Professor Honig's style, which too often consists of the laborious, roundabout constructions and the stiff, quasi-philosophical vocabulary that many academic critics have adopted as a kind of semi-official language. It is impossible, of course, to write about allegory without using such terms as *tropological* and *anagogical*; still, C. S. Lewis, for one, has managed the job with much greater lucidity than we find here.

Certainly there is little profit in such a passage as this: "The form of an allegory must also be the form of the medium (prose or poetry, drama or novel) conveying it. But in whatever medium, it is a form that characterizes the allegory as a totally achieved literary creation." This means, I take it, that every allegory must have some form and that this form will



WINFIELD TOWNLEY SCOTT:
His "Scrimshaw" is reviewed
this month. The photo is
by his wife, Eleanor M. Scott.

one of its characteristics. Well, of course the same is true of any literary work.

Nevertheless, however heavy going he makes of it, Professor Honig does demonstrate that allegory is far more than mere "stuffing" for a preconceived idea, that the allegorical mode of thought is an essential element of the creative imagination, and that, in the light of contemporary ideals, different as they may be from those of Dante and Spenser, genuine allegory is still possible.

ROBERT W. COMERY

Edwin Honig, an Associate Professor of English, is a poet, translator, and teacher of courses in creative literature. Professor Comery, Ph.D., '57, is Chairman of the English Department of the Rhode Island College of Education.

Foss' House

THE LITTLE FARMHOUSE, known to millions of Americans as "The House by the Side of the Road," would have to be sold for taxes, the newspapers said just before Christmas. It was the birthplace in 1858 of Sam Walter Foss '82, who was to write the often-recited poem that ended: "Let me live in my house by the side of the road and be a friend to man."

Foss was one of the first of the syndicated newspaper poets, supplying a poem a day for several newspapers from 1893 to 1894. He was the Librarian of the Somerville Public Library in Massachusetts until his death in 1911 and was prominent as a participant in Brown alumni affairs.

Foss spent his boyhood in the farmhouse, about a mile outside of Candia Depot, N. H., and it was considered his model for the poem that brought him his greatest fame. A distant relative of the poet, who had inherited the property, died in 1958 at the age of 90. The New Hampshire Welfare Department said the property was being sold to recover some \$2000 in taxes.



SAM WALTER FOSS

Shorter Mention

RILEY HUGHES, M.A., '39, has taken time from his busy schedule of teaching, lecturing, and reviewing to produce his first juvenile for the Catholic Treasury Books called *Frontier Bishop*, a life of Simon Gabriel Bruté. Illustrated by Syl Sowinski, it is published by The Bruce Publishing Company, Milwaukee, and sells for \$2.00.

Professor Hughes has also edited a collection of essays entitled *Today and Tradition*. Designed "for use in Freshman English courses in Catholic colleges and universities," it is published by Harper and Brothers and sells for \$4.50.

Charles Mercer's fifth novel, "Enough Good Men," is the February selection of the Literary Guild. The publishers, G. P. Putnam's Sons, identify it as "a major novel of the American Revolution." A previous Literary Guild selection by Mer-

cer, Brown '39, was "Rachel Cade," which is being filmed by Warner Bros.

Stuart C. Sherman '39, Librarian of the Providence Public Library, is Chairman of the Bibliographical Committee of the Melville Society. It has just compiled a Melville Bibliography for the years 1952-57, including published works and research completed or in progress. (Multilith, Providence Public Library, \$1.)

LAST CALL: Only for a little longer is the Convocation book being offered at the pre-publication price of \$2.75. (It will be \$4.00 after publication.) This is the edited text of the six sessions at Brown University on "Man's Contracting World in an Expanding Universe," with formal statements and discussion by an impressive array of statesmen, scientists, and other scholars. Thousands were excited by the Convocation, and readers should welcome the book with the same enthusiasm.

Why the Faculty Protests Against the Affidavit

An Editorial in the Providence Journal

OF ALL the numerous institutions of higher learning which have registered objection to the so-called "affidavit of disbelief" required by federal law from students accepting government loans under the National Defense Education Act, Brown University, it seems to us, has expressed its attitude most clearly and most sensibly.

The issue arose when an amendment was tacked into the act compelling any student accepting a loan to do two things—first, swear an oath of allegiance to the United States, and second, sign an affidavit that he does not believe in, belong to or support "any organization that believes in or teaches the overthrow of the United States government by force or violence or by any illegal or unconstitutional methods."

A large number of schools objected in various ways and for various reasons. A few refused to have anything to do with the loan program from its inception. More withdrew from the program after first agreeing to participate. Still others deplored the oath-affidavit provision, but decided that federal financial help for their students was more important than the principle involved.

Reasons for the opposition were similarly various, though frequently they overlapped: The requirement by implication labeled college students as a particularly untrustworthy lot; it was meaningless, since no real subversive would hesitate to execute either the oath or the affidavit; it was dangerous, because it might expose youths innocently entangled with subversive organizations to unjust persecution in the future; it was an infringement of traditional academic freedom.

Brown took its stand last week (Jan. 5)

when the faculty endorsed the report of a special committee appointed last fall by President Keeney. The university will not withdraw outright from the loan program, but instead will work for repeal of the affidavit provision at the present session of Congress. Brown objects specifically to the "affidavit of disbelief," but not to the oath of allegiance.

We think this is not fence-sitting, but common sense. An institution which has not rejected the loan program out-of-hand is in a better position to push for repeal of the affidavit requirement than one which has. An institution which distinguishes carefully between the oath of allegiance—a perfectly commonplace and innocuous requirement in relations with the federal government—and the "affidavit of disbelief"—which is the really repugnant and dangerous section of the act—will cut more ice in Washington than those which haughtily decline to have any truck with the law at all.

Most important of all, Brown has based its opposition not merely on the arguments cited above, but on a hard-headed assessment of the very real threat implicit in the affidavit requirement—that it may wedge open the door to further and further government intrusion into the affairs of free academic institutions. As President Keeney told the convention of the New England Society of Newspaper Editors here last November:

"One thing we are all afraid of in federal aid to education is federal control, and this is a step toward it. It is interference with the choice of students, for this oath and this disclaimer impose a test for entrance upon students or a test for financial aid which the institutions themselves do not impose. . . . As federal aid increases, as it appears likely to do, it becomes more and more important that we

be cautious about accepting restrictions and controls, and we must here, at the very beginning, be very cautious about accepting a precedent for other controls.

Such clear-sighted concern to guard against government meddling in a sensitive field like higher education, in our opinion, will do more to protect liberty in America than all the affidavits and disclaimers ever concocted by fearful patriots.

Behind the Editorial

WITH PUBLICATION of the comment above, the *Journal's* editorial page may also have been trying to atone for a boner committed by its news staff. A page-one news story had said: "A special committee of the Brown University faculty has recommended a letter-writing campaign to inform Congress of opposition to the 'loyalty oath' requirement for student loans under the National Defense Education Act." This was NOT the case, of course, and the University's news release had made this perfectly clear.

A rewrite man had chosen to substitute the phrase "loyalty oath" for the one in the release, which was "affidavit of disbelief." The "loyalty oath" provision of the federal loan program is wholly proper and acceptable to the Faculty. It was the "affidavit of disbelief" which was under fire in the Faculty report. Both are in the act, and both are required of students obtaining federal loans under it.

Under the loyalty oath provision, the student makes the traditional affirmation of allegiance to the United States of America. Under the disclaimer provision, however, the student is required to execute an affidavit in which he swears that "he does not believe in and is not a member of and does not support any organization that believes in or teaches the overthrow of the United States Government by force or violence or by any illegal or unconstitutional methods."

It was the latter provision which a resolution by the Brown Faculty declared "would fail to achieve its objective, based as it is on a purely verbal disclaimer: singles out students as objects of suspicion; imposes a 'test oath' repugnant to our traditions; exposes those signing the affidavit to the possibility of perjury prosecutions resting on vague allegations, or improper and intimidating inquiries into their beliefs, and violates the spirit of education by virtue of its expressly negative motif."

The *Journal* had previously "corrected" its twisting of the fact with a second-day item—a paragraph buried in the back of the issue.

Congress last summer narrowly defeated an attempt to remove the affidavit requirement from the act. While a number of colleges and universities have already withdrawn from the loan program to emphasize their opposition to the disclaimer provision, others (including Brown) have gone on record as opposing it but remaining in the program for the time being. The expectation is that Congress will reconsider the provision; Brown is waiting to see if this does not happen.

The Brown Clubs Report



WASHINGTON sent a bear to College Hill in December, and the incident calls for a little background. In fact, the staff in Alumni House was considerably relieved when the explanation arrived, a bit later than the receipt of the bear itself.

The Washington alumni had an idea during a going-away party for Wendell B. Barnes '32 at the home of Thomas G. Corcoran '22 soon after Barnes had resigned as Administrator of the Small Business Administration. Someone had seen the statue of "The Happy Bear" in the Corcoran Art Gallery, and it was suggested that President Keeney ought to have a replica of it. The Brown Club Treasurer, George Viault '26, was directed to undertake the project in the name of the Washington Brunonians. He followed through.

Acting for the Washington Brown Club, the officers in Alumni House made a "blind" appointment with Dr. Keeney, and the surprise presentation was made in his office in University Hall. A letter from Barnes, read during the ceremony, told the rest of the story. It was addressed to the President:

"It has long been a custom for Brown men to give a bear to one of their number who has distinguished himself in undergraduate life or in alumni activities. The members of the Washington Brown Club believe this custom should be extended even to Presidents of the University who have rendered a great service to the Brown community.

"Therefore, it is with great pleasure that the members of the Washington Brown Club present to you this bear for the leadership you have thus far displayed in University affairs during your tenure as President, and particularly for your foresight and work, along with your associates, in conducting the major Convocation at Brown University in October, 1959. It gave

luster to the name of Brown and made all of us who are interested in the University's welfare proud.

"This bear, which was obtained through the Corcoran Art Gallery in Washington, is a replica of a fine work by a noted American sculptor. It is called 'The Happy Bear.' It is symbolic, we believe, since the bear has been hibernating and is rising to do vigorous things, as is Brown University. Like the alumni and friends of the University who sat for three days on the hard seats of Marvel Gymnasium, the bear gives every evidence that certain parts of its anatomy have long been cramped. We hope that this bear will give you pleasure and will lead to other activity in Brown University in the years ahead."

Deputies for the Washington alumni appear with Dr. Keeney in the photograph which accompanies this notice. Left to right: W. E. S. Moulton '31, William B. McCormick '23, Daniel W. Earle '34, and Chesley Worthington '23.

Sponsoring the Brown Band

THE BROWN UNIVERSITY BAND was presented by the Brown Club of Rhode Island in a delightful November concert in Alumnae Hall under the direction of Prof. Martin Fischer, conductor, and Farrell Fleming, student conductor. The unit responded ably to the new challenge of performing in the concert hall for an attentive and appreciative audience.

While much of the program was in popular vein, the musicians were as much at home in the Bach-Chiaffarelli chorale and the Mayflower Overture which Pro. Ron Nelson wrote for the Brown Band.

The evening's soloist was the gifted exponent of Chopin, Lucia Lancellotti Caito. Providence concert pianist, Matthew Ward was in charge of the evening for the Brown Club Executive Committee.



THE RHODE ISLAND BROWN CLUB has helped 66 students since 1946 through scholarship aid totaling more than \$30,000. In the photo above, President Moury J. Caito '34 is giving Lloyd W. Cornell, Jr., '44, Dean of Admission, a check for \$1200, half the Club's scholarship commitment for 1959-60. Students benefiting from the fund this year are, left to right: Stephen F. Cummings and Michael W. Prior of Providence and Daniel M. McDonold of Fall River.

Brown's Advisory Council Is Summoned to The Hill

WITH THE ADVISORY COUNCIL meetings growing in importance each year and with several auxiliary agencies of the Associated Alumni using that week end for significant sessions, Alumni House had all in readiness for them on Feb. 5 and 6. The hundreds of alumni leaders would spend Saturday morning in specialized groups but be together for the two major events on the program, the Council Dinner on Friday night and the Saturday afternoon Convocation.

The University's service to education through its strengthened teaching institutes was to be the theme of the dinner. The speakers: Dr. R. Bruce Lindsay, Dean of the Graduate School, on "Brown University and Public Education." Prof. Elmer R. Smith, Chairman of the Department of Education, on "The Brown Plan of Teacher Education." Prof. Hunter Kellenberger, Chairman of the Department of Modern Languages, on "When Scholars Talk with Teachers." The Alumni President, C. Manton Eddy '22, will preside.

Simultaneous meetings on Saturday will occupy the attention of the delegates on Saturday morning: The Association of Class Secretaries will conduct the annual meeting under Chairman Earl W. Harrington, Jr., '41. Chairman J. Angus Thurrott '31 will preside over a general meeting of Trustees and Agents of the Brown University Fund. Daniel L. Brown '12 will chair the conference of State Chairmen in the Bequests Program. The Alumni Admission Advisory Council has a workshop scheduled under Joseph F. Lockett, Jr., '42. When the Board of Editors holds its monthly meeting in Alumni House, all interested alumni are invited to join in an

open discussion about your magazine.

The Advisory Council's annual business meeting will come just before lunch, with reports from the Alumni Secretary, William B. McCormick '23, and the Alumni Treasurer, Richmond H. Sweet '25. One of its functions will be to nominate candidates for Alumni Trustee, President-Elect of the Associated Alumni, Regional Directors, and an Athletic Council member.

Afternoon speakers will be headed by President Keeney in the annual address on "the state of the University" which is always one of the year's highlights. With him on the platform will be Athletic Director Paul F. Mackesey '32, the Fund Chairman, the Alumni President, and Allen B.

Williams, Jr., '40, who will report on the University's Bicentennial Program.

The social side of the program also follows tradition, with a tea at the President's House, a comotation at Alumni House, and such athletic contests as the Yale hockey game, Holy Cross swimming meet, and Yale wrestling meet. The libraries will have special exhibits on display, while the University Store will stay open later than usual on Saturday afternoon for the benefit of the visitors.

The program has been arranged by Lester F. Shaal '29, Chairman, Samuel T. Arnold, Jr., '45, and Robert W. Kenyon '36.

Indiana Schoolboys

The Brown Club of Indiana held its annual Sub-Freshman session at the Riviera Club in Indianapolis on Dec. 29. Approximately 25 high school Juniors and Seniors and 10 parents attended the event. Bill Dyer '24 welcomed the guests, while two Brown undergraduates, Mike Hittle and Ted Boehm, gave the narrative for the slides of the Campus activities. During the coke session which followed, six other Brown undergraduates answered questions for the guests. Other members of the Club who served as hosts included Fred Williams '32, Reese Harris III '58, Dan Grubbs '26, Don Howarth '39, Lt. Col. Charles Blount '40, John Esterline '57, Hal Austin '43, and Al Kessler '35.

En Route to Homecoming

TIMING its meeting for the evening before Homecoming, the South Shore Brown Club welcomed Dean Charles Watts and 30 alumni and wives to the Blacksmith Shop in Whitman, Mass., on Nov. 13. President Bob Sanderson introduced the Dean, who gave a descriptive and optimistic account of projects afoot at the University.

Another speaker was Dr. Orland Smith, one of the famous Iron Men, who provided some humorous recollections of his football days. Ed Kiely '50, a member of Coach McLaughry's scouting staff, furnished excellent background material on



HEADLINERS of the November gathering of South Shore alumni in Massachusetts included a visitor from Detroit, Jack Foley '25. The group, left to right: Dr. Orland Smith '27, Ed Kiely '50, Dean Watts, Foley, and Robert N. Sanderson '27, Brown Club President.

Harvard and Brown's preparations to meet it the next day. Members had this in mind as they watched the Homecoming game in Providence. (More than 80 from the South Shore area journeyed to the Hill for it.)

The pre-Homecoming event was an experiment, but it was so well received that the members voted to make it an annual feature of the Brown Club year in future.

PRESTON BARRY '49

Pittsburgh, Unsigned

GILBERT LOVE led off his column, "Around Our Town," in the *Pittsburgh Press* for Dec. 7 with this paragraph: "An unsigned postcard says the officers of the Brown University Club of Pittsburgh are Barton, Bartlett, Gorham, Hooton, and Hotton. Sounds like a start on a good firm name."

The facts were right: The officers are: William J. Barton '45, Harlan A. Bartlett '51, James R. Gorham '54, John R. Hooton '51, and George E. Hotton '55. And they've kept the Club on a good, firm basis.

Long Island Sub-Freshmen

THE LONG ISLAND BROWN CLUB, more than 60 members strong, met at the Stewart Manor Country Club on Dec. 1 to welcome Coach John McLaughry to the area. Thirty guests attended, including 16 Sub-Freshmen.

McLaughry brought along films of Brown's Homecoming victory over Harvard. The new Bruin coach also gave a brief review of the 1959 season and painted an optimistic picture of things to come on the gridiron for Brown. A buffet supper rounded out the pleasant program arranged by Chairman Norm Davidson '52.

Dave Mittlemann '36, member of the Cross and Brown real estate firm, is serving as President of the Club for the academic year. Other officers include: Vice President—Claude Worley '48; Secretary—V. Donald Russo, Jr., '50; Treasurer—John J. Roe, Jr., '27.

Others in attendance at the December session included: John A. Padden '41, Charles Conklin '26, Ben McKendall '52, Frank Russo '26, Harry Scanlon '49, John C. Hawkins '53, Seymour Berkman '40, Gerard Fernandez '46, Bruce Hunt '54, Warren G. Paul '58, Harold Gainer '56, George Dawson '22, Maxwell Sturtz '40, Bertram Schaller '43, J. Robert Annino '54, Victor D. Russo '26, Fred Baurenfiend '50, James Malden '36, John H. Dreasen '29, George Pournaras '25, Harvey R. Nanes '37, Alfred N. Kay '39, Horace Barker '26, Walter Mendoza '50, Milton Bennett '32, Frank Jeffrey '59, Richard Hauck '47, Adolph F. Bruenner '11, Lee Franklin '31, Harrison Sussman '48, and Donald B. Allen '38.

Cincinnati Greeting

FOR ALL it was familiar, we liked the Christmas card on which the Brown University Club of Cincinnati sent its holiday greetings. It had a picture of the First Baptist Meeting House in Providence on the cover, a reduced version of the wood block which we used on our own cover for the May, 1958, issue.

Providence Debutantes

THE DEBUTANTE ASSEMBLY in Providence saw a number of Brunonians presenting their daughters to society in December. Among the debutantes at the ball at the Sheraton Biltmore were:

Miss Patience Arnold, daughter of Dana R. Arnold '25 and Mrs. Arnold; Miss Sarah Bartlett Bullock, daughter of T. Brenton Bullock '38 and Mrs. Bullock (George B. Bullock '05, a grandfather, was also present); Miss Otis Powell Crosby, daughter of Edward G. Crosby '35 and Mrs. Crosby; Miss Alice Louise Drew, daughter of Edwin F. Drew '30 and Mrs. Drew; Miss Edith Howe Fulton, daughter of Dr. Marshall N. Fulton '20 and Mrs. Fulton; the Misses Cornelia Elizabeth and Kate Macbeth Green, daughters of Ronald C. Green, Jr., '31 and Mrs. Green; Miss Susan Davis Lynch, daughter of John R. Lynch '34 and Mrs. Lynch; and Miss Ruth Rickie Phillips, daughter of the late Taylor R. Phillips and Mrs. Phillips, now Mrs. William K. Kerr. Miss Nancy Bolster Fales, another debutante, is the granddaughter of J. Richmond Fales '10.

Senator Theodore Francis Green '87 opened his home on John St., Providence, for a reception in honor of three grandnieces, including the two Misses Green named above.

Holiday Specials

BROWN CLUB members and their guests in New York City enjoyed the traditional Christmas Egg Nog Party in the Great Hall of the Clubhouse on East 39th St. It was timed for the University holidays so that undergraduates might be welcomed, too.

Syracuse invited Sub-Freshmen and their fathers to have lunch with the Brown Club members at the Corinthian Club on Dec. 26. Harry Remington, Admissions Council representative in the area, was Chairman, with President William Margeson greeting the guests.

Activity in Cleveland

CLEVELAND initiated its Brown Club 1959-60 season with a full evening of football films, Cleveland Browns variety. Don Colo '50 was the star of this highlight film of the '58 Browns, and he received numerous cheers for his fine play at defensive right tackle.

Ivan Fuqua, Bruin track coach, was in town in November, meeting with a number of high school boys interested in Brown. Roy Smith '34 was host for the second annual holiday get-together for alumni, undergraduates, and Sub-Freshmen on Jan. 2.

Those in attendance at the fall gatherings included: Dave Ridderheim '58, Bill Fortner '57, Jack Novatney '52, Phil Moss '52, Roger Young '50, Harry Hoffman '25,

Paul Heinen '55, Joe Adams '50 (who had a few words to say on his latest theories of archeology), Ralph Briggs '31, Al Dillingham '18, Bob Eckert '57, Gordon Macklin '50, Ellsworth Ostergard '49, Roy Smith '34, Myron Curtis '07, Charley Littlefield '43, Dick Barnes '27, and Ted Selover '52.

TED SELOVER '52

The Dean in Hartford

DEAN CHARLES H. WATTS was guest of honor at a Dec. 2 meeting of the Hartford Brown Club. The affair, one of the most interesting in recent years, was held at the Hotel Statler-Hilton. The Dean talked about the University, its student body, and its professional staff, with due reference to the future. All present were more proud than ever to be Brunonians when he finished his talk.

In a surprise move, the Club presented citations to Frank O. Jones '97, and Daniel Howard '93 in honor of their contribution to Brown and to their communities. Hartford's own President of the Associated Alumni, Manton Eddy '22, presented the awards. Lee Shaw '48, President of The Connecticut Valley Brown Club, of which both Frank and Dan were charter members, led a delegation down to help us do the honors.

Another feature of the evening was the spontaneous discussions that arose about admissions work. Here, too, Lew gave the members of our Club some helpful suggestions as he outlined the work being done in the Springfield area.

A tip of the hat should go to Hawley Judd '45, who presided, and to Brad Benson '52, who chaired the committee on arrangements. Others in attendance included: Ev. Harkness '05, Vern Kriebel '07, L. Wattles '13, Frank Crocker '15, Jess Bailey '16, Cy Flanders '18, Larry Smith '20, Wally Henshaw '23, Al Goddard '23, Ben Clamon '30, Paul Monahan '31, Karl Kaffenberger '39, Hank Hayes '42, Clarence Roth '46, Warren Randall '49, Don Hutchison '50, Tony Waterman '51, Bob Goodwin '52, Fred Bailey '53, Dick DePatie '55, and Jim DeMund '56.

CY FLANDERS '18

Los Angeles Annual

GEN. CHARLES W. SCHOTT '29, Deputy Inspector of the U.S. Air Force, was the principal speaker at the annual fall dinner of the Los Angeles Brown Club on Dec. 8. He gave an informative and appreciated address on the power and potential of America's air arm. Wives and Pembroke alumnae were included in the invitation to the Mona Lisa Restaurant.

Among those present were: John B. Smyth, Julianne Hilt, Mr. and Mrs. Edgar C. Smith, Jr., Alvin R. Hagenau, Secretary and Mrs. John J. Durnin, John J. Donovan, David Narvick, F. Miles Flint, Emery Walker, Carl G. Hokanson, Mr. and Mrs. Al Leach, Mr. and Mrs. Lyle Caldwell, Stephen Dolley, Fergus Purves, B. W. Smith, Mr. and Mrs. Stewart Eddy, Walter McClellan, Judge John Aiso, Mr. and Mrs. Richard Miller, and Mrs. Schott.

JOHN J. DURNIN

Carrying the Mail

My Teachers at Brown

SIR: I would like to write a few words about why I feel you should be very proud of the members of the Brown faculty. I have been away from Brown for more than a year, and my discussions with students from other colleges and universities concerning their relationship with their teachers have impressed me with the fact that Brown has a "responsible" faculty.

I use the word "responsible" in reference to student-faculty relationships. I nearly always found, during my four years at Brown, that my teachers were friendly, hospitable, and patient; concerned about the amount of understanding I gained in my subjects; conscientious about their teaching; and willing to listen to my ideas and present many of their ideas to me.

My friends from other universities and colleges have generally not had the fortunate teacher-student relationships of which I can boast and several of them, in fact, are quite bitter about this. I have heard many of them complain about the disinterest and lack of concern shown them by their teachers.

I hope that Brown will continue to emphasize the importance of good teaching and close student-teacher relationships as well as stressing the importance of research carried out by the Faculty.

B. ALLEN FLAXMAN '58
Yale School of Medicine

(The letter above was actually addressed to President Keeney. We have taken the liberty of giving it a wider reading.—Ed.)

Why Mead Lifted Hats

SIR: I read with great interest the fine article about the Brown Professors in the December magazine by Robert Cushman Murphy '11.

I am reminded of one thing about Dr. Mead which he did not happen to mention: This was Mead's habit of lifting the hats of his returning "boys" to see if their hair-line had started to retreat. For some reason, he wants us all to have as good a crop of hair as he had.

WILLIAM R. EASTWOOD '13
Natick, Mass.

Could He Split the Atom?

SIR: Memories do "come in little pieces," and it is hard to keep from becoming garrulous over the shadows of long ago.

In the years 1915-18 there was a teacher of chemistry in Brown University named Dr. Bucher (John Emery Bucher, Newport-Rogers Professor of Chemistry). One day he was lecturing to us, a motley of students interested in getting through our credit requirements in the physical sciences. The Professor began to make weird figures, graphs, and formulae on a black-

board, talking more to himself than to us as the crayon raced along. We were tyros in chemistry, and we thought the Professor had gotten mixed up in his classes. His lecture could be comprehended only by advanced students, but we were delighted because he could not possibly hold us responsible for what he was saying. We already had enough headaches.

When Dr. Bucher reached the end of those puzzling configurations, he pointed to the final chalk-marks and exclaimed: "There it is, gentlemen! There it is! I have split the atom theoretically. I hope it will never be done practically. Some fool would then blow up the earth. Why, the hydrogen in the ocean could be set

ablaze, and the seas would burn for months. This planet would be reduced to a blistering cinder."

Now Dr. Bucher was not purely a theorist. He had constructed a practical nitrogen-fixation machine to extract nitrogen from the air, a device of war-time interest because the country was faced with a shortage of nitrogen for fertilizers. Could he not also have built a thermo-nuclear machine for hydrogen fusion or uranium fission? Surely, he was alert to the "know-how" 45 years ago.

AUGUSTUS C. WEBB '15, M.D.
Chicago

44 Years of Rising IQ's

SIR: I think I know the source of the question raised by Irving Price '05 of East Aurora, N. Y., though the story was changed considerably in the telling in *Small Talk* last fall.

A Boy Scout Scholarship



THE "CHIEF" and Mrs. J. Harold Williams.

BROWN UNIVERSITY has established a special Boy Scout scholarship in honor of J. Harold Williams '18, Scout Executive of Narragansett Council, Boy Scouts of America. Dr. Barnaby C. Keeney, Brown president, announced late in December. The scholarship, varying in amount from \$200 to \$2,000, according to the need of the recipient, will be awarded each year to a member of the entering class at Brown who has been active in Narragansett Council. Dr. Keeney said.

Dr. Keeney said the University welcomes the opportunity to honor "Chief" Williams in this way and to call attention to Narragansett Council's Golden Jubilee Fund Drive, now in progress.

Terms of the J. Harold Williams scholarship provide for its award "to an active Boy Scout, Explorer, or Scouter of Narragansett Council, Boy Scouts of America, who has demonstrated devotion to the

Scout Oath and Law; ability in the skills and advancements of Scouting; dedication to the guidance and leadership of Scouts; and acceptance of his responsibilities in home, church, school, and community."

Norman A. Sprinthall, Director of Financial Aid at Brown, said each year's scholarship winner will be selected in the following manner: All candidates for the award must meet Brown's regular admission requirements, must be in need of financial aid, and must qualify as active members of Narragansett Council. In April the records of all those who meet the initial requirements will be screened by Brown Admission officials, and the names of the top candidates will be presented to Narragansett Council's Court of Honor for its recommendation. This recommendation, Sprinthall said, will aid Brown's Committee on Financial Aid in making the final selection.

A year ago I was asked to address the Sophomore Chapel at Brown. I told them how, that morning, I had had breakfast in Gardner House with a Ph.D. in Applied Mathematics from Cambridge University. I presented him with the following facts:

The University has claimed, and I am sure correctly, that the average IQ of its entering Freshmen rises each September. Forty-four years after I was a Brown Sophomore, I was to address the current Sophomores. If then, I asked, the IQ has been advancing steadily during the 44 years, where did that place me with respect to those in my audience later in the day?

After a thoughtful moment, the mathematician replied: "Undoubtedly, in need of protective custody."

WILBOUR E. SAUNDERS '16
Rochester, N. Y.

How Small Is Change?

SIR: I sent the Carberry Fund a check for \$2.80, the amount of small change in my right-hand pants pocket on Friday, Nov. 13, 1959. Since the remittance brought up a nice ethical and legalistic question, I would appreciate your advice on it.

For approximately 20 years, I have carried in my said pocket one Silver Dollar, which I regard not as currency but as a talisman. For this reason I do not include it in my calculations for the purpose of aiding the Carberry cause. If you feel that this is doing the good Professor out of his due, please so advise me.

WATSON SMITH '19
Tucson, Ariz.

(This nice question was put on the lap of Josiah Carberry himself, displacing other encumbrances there at the moment. Nevertheless, she was able to take dictation on the following memo for our guidance: "A man who carries \$2.80 around in change needs a talisman, if not a Brink operative. At any rate, to answer your inquiry, I point out that a silver dollar is such big change that it does not qualify as small. Nor does your correspondent. J.S.C.")

"Tiny But Independent"

SIR: I wish to express my appreciation for your very favorable review of the book, "Body Image and Personality," of which I am co-author.

For the record, I would like to correct one point: I am identified in the review as a "clinical psychologist in the VA in Bellaire, Tex." Actually, I live in Bellaire and am Assistant Chief Psychologist at the VA Hospital in Houston. I am also Assistant Clinical Professor of Psychology at Baylor University College of Medicine and Lecturer, University of Houston.

Bellaire is a tiny but independent city completely surrounded by Houston. There have been many suggestions that Houston remedy the confusion by incorporating Bellaire. Your reviewer's forthright proposal that Bellaire incorporate Houston represents a fresh approach to the problem.

SIDNEY E. CLEVELAND, PH.D. '41
Houston



IN THE CLUSTER of executive officers an University Hall's first floor north, Brown depends on this foursome: right to left—Ann Leavell (President's Office), Betty Grant (Provost's Office) behind Virginia Callas (Vice-President's Office), and Florence Murphy (Treasurer's Office). An incidental reason for using their picture was to show something that has been added to U.H. Can you spot it? (See elsewhere on this page for the answer.)

Hierarchy of Editors?

SIR: In addressing you as "Sir" I am observing protocol, I suppose, but somewhat against the grain. I would prefer to say: "Dear Mr. Editor," though I might be getting my foot too far into the *sanctum sanctorum*.

I write to ask a question. In one of your recent issues you speak of an alumnus being promoted from Executive Editor to Managing Editor of his magazine. Just what are the gradations and distinctions of editorship? In some future issue can you enlighten me as to the difference between the following: Editor-in-Chief, Managing Editor, sometimes, Administrative Editor, Executive Editor, Plain Editor, Assistant Editor, Assistant to the Editor?

HENRY W. GOODRICH '02
Concord, N. H.

(We suspect that a Managing Editor is one who manages to be an editor. We go no further. As for the "Sir," Sir, it is just a convention to identify a letter. It's short enough to save space, but does it sound too curt for courtesy?—Ed.)

UNIVERSITY HALL ADDENDA

Handrails were added to the steps at the four entrances to U.H. during the holidays.

Representing Brown

THE OFFICE of the Secretary last month provided the following list of Brown University representatives at occasions of note on other campuses:

Alan R. Pearsall '32 at the inauguration of Harvey Mitchell Rice as President of Macalester College on Oct. 2.

Prof. Charles M. Vehse '18 at the inauguration of Elvis Jacob Stahr, Jr., as President of West Virginia University on Oct. 3.

Richard W. Brackett '50 at the installation of Thomas Hale Hamilton as President of the State University of New York on Oct. 29.

Dr. Daniel Howland '49 at the inauguration of David A. Lockmiller as President of Ohio Wesleyan University on Oct. 30.

Dr. John H. Wildman '33 at the dedication of the Louisiana State University Library on Oct. 23.

Mrs. Bleike S. Reed '27, Brown Trustee, at the academic convocation at the Mills College of Education on Oct. 30.

Paul W. Davis '20 at the inauguration of Robert Lee Mills as President of Georgetown College (Kentucky) Oct. 16.

Henry D. Wilson '30 at the 100th anniversary of Cooper Union on Nov. 2.

A MONTH FULL OF THRILLERS

Sensational Holiday Hockey

THE BROWN HOCKEY SEXTET was the toast of the New England college hockey circles after sweeping to the championship of the Bowdoin Invitation Tournament and coming within an eyelash of capturing the more competitive Boston Arena Christmas Hockey Tourney. The fact that this resurgence came at about the same time that definite plans for a hockey rink in 1960 were announced may be coincidental. In any event, the players had the good news of the \$500,000 gift just before they took the ice against their Bowdoin hosts.

After losing to Providence and Boston College and defeating Tufts, the Bruins came roaring back to win six of their next nine games. The wins were against Northeastern (2-1), Amherst (5-3), Colgate (9-3), Bowdoin (4-2), Hamilton (5-3), and Boston University (3-2). Colby (5-1), Toronto (3-2), and Providence (2-1) defeated the Bears, with the latter two losses coming in overtime play.

The amazing aspect of the spectacular showing in Boston was the fact that Coach Jim Fullerton could use only 11 men against the Canadian champions. Only Kelley was available from the first line, for Laub was grounded in Buffalo by the blizzards at home and Battel was hurt. With only four spare forwards and a single reserve on defense, the Bruins caught the fancy of Boston crowds and dropped two heartbreakers, both in sudden-death play.

"Despite our shortage of manpower, this is one of the most spirited and courageous teams I've ever coached," Fullerton stated. He found it hard to single out any individual, for the success of the Bruin skaters had obviously been a team performance. However, the play of Rod McGarry in the goal, Allen Soares and Brian Molloy at defense, and Dave Kelley at forward had been sensational. McGarry, living up to Fullerton's expectations, had become one of the finest netminders in the East. Kelley, after an in-and-out Junior season, was playing the top-grade hockey of which he is capable.

Dave Laub, Senior center, scored both of Brown's goals in the 2-1 decision over Northeastern. McGarry had 35 saves and preserved Brown's triumph with a great stop on Jack Palmer in the final second of play. After losing to a strong Colby team, the Bruins started a five-game winning streak by defeating Amherst, 5-3. Laub again was the scoring leader, notching two goals. Jack D'Entremont's first score of the season broke a 2-all tie in the final minute of the middle period and gave the Bruins a lead they never lost. McGarry turned in another fine stint, kicking out 34 shots.



ROD MCGARRY

Brown was seeded second in the Bowdoin tourney, but the Bears confounded the experts by going all the way, defeating the favored Hamilton sextet in the finale. The Bruins bombed an inexperienced Colgate team, 9-3, in the opening round. Kelley performed the hat trick with three goals, while Laub tallied twice. The hustling Bruins peppered the Colgate goalie with 54 shots, while McGarry had a relatively easy evening with 19 saves.

The Bears spotted Bowdoin one goal in the first period and then turned the heat on the host club for a 4-2 triumph. Before the first period closed, Brown had taken a 3-1 lead on goals by D'Entremont and Bob Battel. Each team tallied once in the second canto to close out the scoring for the evening. Kelley picked up Brown's insurance goal.

Firing at long range from the blue line at every opportunity, Coach Jim Fullerton's men won the tourney title by pinning a 5-3 loss on previously undefeated Hamilton. The losers opened the scoring at 11:41 of the first stanza only to have Laub tie it up for Brown. Then, the Bears iced the decision with a four-goal flurry in the second period. Kelley hit with a 25-foot shot from the side, Soares drove one home from the blue line, Kelley hit again, and then Laub sewed it up with the fifth and final goal—again from the blue line. McGarry turned back 40 shots.

Co-captain Soares was selected by the coaches as the tournament's most valuable player, while both he and Kelley were named to the all-tourney team.

In the opening round of the Boston tournament, the Bruins, badly outmanned but overloaded with grit and determination, staged one of the biggest upsets of the New England season by overturning highly-regarded Boston University, 3-2. This was unquestionably one of the biggest victories in the five-year coaching reign of Jim Fullerton, coming as it did against a club ranked number two in New England and number five in the East. Making it all the more amazing was the fact that Brown played with only five reserves (four forwards and one defenseman) because of the absence of Laub and Battel, first-line forwards. Both men missed the entire tourney, Battel with a kidney injury he suffered at Bowdoin and Laub because he was snowbound.

Forced to rejuggle his already thin forces, Fullerton sent the team out to play a tight defensive game. This plan put great pressure on McGarry, and the Bear goalie had one of his greatest nights, all but breaking the hearts of the Terriers with a number of brilliant saves among the 40 he kicked out. Several of his stops were out-and-out robbery, and at the final buzzer the chunky netminder was mobbed by his mates and Fullerton, who went out on the ice to offer his congratulations.

Brown jumped into a 1-0 lead on a blazing 40-footer from the left by defenseman Ralph Lowry at 12:02. The Terriers tied it on a 45-foot screen shot at 15:09. Another long shot at 4:53 of the second period gave B.U. a 2-1 edge. However, the Bears bounced back. Kelley picked up a loose puck in the B.U. end while Brown was a man short and tied the score at 6:51. The winning tally came with 42 seconds left in the game. Kelley took a pass in the center zone and raced down the right lane. He was knocked to the ice in the corner but, while falling, shovelled the puck to D'Entremont, trailing the play, and Jack rammed it home.

The win against the Terriers gave the Bruins the dubious distinction of tangling with Toronto University, six-time Canadian champions. A big, fast rugged club, Toronto was rated tourney co-favorite with B.U. Dubbed the Cinderella team by the sportswriters, the Bruins twice came from behind to tie the score only to bow 3-2 in overtime. However, even in defeat Brown won the plaudits of the Boston fans and writers by their brilliant stand against a club that was rated five or six goals better.

With McGarry having another fine night, the Bears held off the quick Canadian outfit until the 14th minute of the second period. Brown tied it in the second minute of the third period when Kelley fired home a close-in backhand while Toronto was a man short. The Canadians regained the lead at 11:05, but the amazing Bears failed to fold and brought the crowd to its feet when Gene Pfeifer scored at 12:20. Toronto's winning goal came at 1:10 of sudden death on a face-off to the right of the Bruin cage.

Brown's 11 gallant men were weary in the consolation game against Providence College, which had drawn a bye and played only one previous game in the tourney. But the Bears managed to make a 1-0 lead hold up until the 14-minute mark of the final period. P.C. then went on to win the game in the second minute of overtime play on a 40-foot screen shot. Kelley had scored Brown's goal midway through the second period on a solo effort. McGarry again was sensational in the cage, as were Soares, Molloy, and Lowry on defense. (Toronto defeated Harvard, 7-2, in the championship finale.)

In the post-tourney balloting, McGarry was named the most valuable player, edging out teammate Kelley. The Bruin goalie had allowed only seven goals in the three games and turned in 117 saves. Both he and Kelley, of course, were on the first all-tourney team, while Soares was selected as a defenseman on the second unit.

There is no question but that Brown hockey received a shot in the arm as a result of the fine job turned in by Coach Fullerton and his skating Iron Men. Boh Englert, sportswriter for the *Providence Journal-Bulletin*, summed it up this way: "Brown's was one of the most amazing performances in the history of the tourney and won the hearts of the Hub fans with its fantastic exhibitions while playing without the services of two first line men, Bat-tel and Laub. Their absence left the Bruins with only a handful of reserves, some untested, but instead of bemoaning their misfortunes they went out and played the tournament of their lives. With a lucky bounce of the puck here or there, the Bruins could have skated off with all the marbles.

"Dave Kelley, skating double shifts because of Brown's shorthandedness, played tremendous hockey and was a threat every time he got his stick on the puck. Defense-man Al Soares, Brian Molloy, and Ralph Lowry were superb, and goalie Rod McGarry was truly terrific. Jack Kennedy, Toronto coach, said McGarry was the finest American goalie he'd ever seen and was by far the best his club had faced this season."

Unexpected or not, this was Brown's finest moment in hockey since 1951 when Coach Wes Moulton '31 took the Bruins to the finals of the national championships in Colorado.

Returning to their home ice on Jan. 6, the Bruins opened the Ivy League season with a 3-2 win over a good Harvard team on D'Entremont's goal with 30 seconds of play remaining. For Coach Fullerton, this was his first win over the Crimson in his five seasons on the Hill.

D'Entremont again teamed with Kelley for the winning goal, as he did in the upset win over B.U. The Walpole, Mass., Junior broke with Kelley against a lone Harvard defender just when it appeared that sudden-death overtime was imminent. Kelley carried the puck into the Crimson zone and fed to D'Entremont on his left as he neared the cage. The latter fired the disc home from eight feet out and sent the partisan Brown fans into near hysteria.

Playing tight defensive hockey and dis-



MIKE CINGISER

rupting Harvard's offensive maneuvers with some solid forechecking, Brown took the lead in the 10th minute of play when Kelley rifled home a 10-footer on Dave Laub's passout from behind the Harvard cage. After the Crimson had tied it at 18:59 of the opening stanza, Laub drove home a 30-footer near the end of the middle period. The Cantabs tied it once more at 12:19, thus setting the stage for Brown's final flourish.

The Bruin Cubs made the evening complete by defeating the Harvard first year men, 3-2.

Playing the next two games away from home, the Bruins lost to Princeton's surprising Tigers, 5-0, and to Army, 5-1. After the first 15 games, the Bruins had an 8-7 mark.

A Basketball Reversal

"WE WEREN'T GATHERING in the rebounds." That failure, in the opinion of Coach Stan Ward, was why the Brown basketball team ended 1959 with only three victories in nine starts. The Bruins, who had begun their campaign in an optimistic mood, won two of their first three games, including impressive decisions against Tufts and a strong Rhode Island five. But then they went into a tail spin, posting only a win over Springfield while losing to Providence College (84-53), Yale (83-63), Georgetown (82-65), Boston University (77-58), and Canisius (76-66).

With the Ivy League campaign getting under way in earnest after the Christmas holidays, Ward was still working on the rebounding department. He pointed out that the loss of last year's captain, Al Poulsen (6-8), one of the best Ivy rebounders, had been felt keenly at the out-

set. "Some of our new men have had trouble learning how to get position under the boards, while some of the veterans haven't been nearly aggressive enough," the coach said.

It was obvious that the Bears had not been able to jell, although a series of injuries to key personnel might have been a factor in slowing down progress in this department. Roger Hurley, Junior guard, missed three games with a bad ankle, Ehrlich was hobbled for a bit and was one of those who played while still below par physically. On some of their good nights, the Bruins showed enough potential to suggest that they may click in the new year, but it would take more aggressive play and a stouter defense to do so.

One of the bright features was the play of Sophomore Mike Cingiser (6-4) from West Hempstead, N. Y. "Cingiser is definitely the best Sophomore I've had in my six years at Brown," Ward says, "and he may well become one of Brown's all-time greats." Mike is fast and strong, with a great repertoire of shots. He scored 379 points for the Cubs a year ago while averaging better than 20 points per game. Playing outside, along with Hurley, he paced the Bears in scoring in the first eight games this year with 120 points and a 15-point average.

Forrest Broman (6-4), Junior from West Bridgewater, Mass., finally began to hit his stride. The highest high school scorer ever to come out of Massachusetts, Broman always had a good shooting eye, but until this season he had trouble with his ball-control and defense. He had two good nights this season, getting 18 against Springfield and 20 against Georgetown. Greg Heath (6-5), Sophomore center from Atlantic Highlands, N. J., exhibited great potential. With more seasoning, Heath could be a fine center.

The Bruins stayed close to the nationally-famous Providence five for the first 12 minutes. At that point the Friars led 16-15, but, paced by their 6-10 Sophomore, Jim Hadnot, who had 20 points for the night, they were able to control the game in its later stages. Heath led the Brown scoring with nine points. Against Springfield, Heath and Cingiser got the Bruins rolling after an early deficit. Heath had 16 points, Cingiser 21, while three other Bears ended in double figures, Broman (18), Ehrlich (11), and Kallas (10).

Coach Ward felt that his team played its worst ball of the season in the next three tilts, first against Yale and then, in the annual Providence College tournament, against B.U. The Elis controlled the game by controlling the boards against the taller Bears, though Cingiser had 20 for Brown. In the opener of the Christmas tourney, Brown led a good Georgetown team by 11 points early in the game and 36-35 at half-time before losing by 17. Ward used a box zone defense and shut off Brian Sheehan, the top scorer and playmaker, with one field goal for the first 27 minutes. However, when the Bruins fell behind and had to come out of this defense, the much faster Hoyas ran away with the game. Broman had 20 and Ehrlich 10. Against

Boston University in the consolation game. Brown fell before the Terriers' greater agility and sharper shooting from the outside. A collapsing zone defense set up by Boston prevented the Bears from getting many good shots and limited them to the second lowest scoring total of the season.

The top scorers after eight games were as follows: Cingiser (120), Ehrlich (88), Heath (79), Reed (74), Broman (66), and Hurley (58).

Brown looked much better in Buffalo before heading back to the Hill after the holidays. Returning to his Alma Mater, Ward cheered his team on to a 41-36 lead early in the second half, as the Bears wiped out a four-point deficit. But the rebounding department hurt again as Canisius recovered. Brown was shooting well, but the home team picked off 57 rebounds against only 37. Cingiser, Reed, Heath, and Hurley all hit for double figures, but the reserves were scoreless.

The improvement exhibited in Buffalo continued in the next three games as the Bruins, playing at home, defeated Penn (63-62), Princeton (79-61), and Yale (94-89) in double overtime. These three wins gave Brown an over-all record of 6-6 and a 3-1 Ivy mark, good for the spot of runner-up to Dartmouth in the standings on Jan. 15.

The victory over Penn was a crucial one. After losing four straight, the Bears tossed away countless opportunities and fell behind the Quakers 62-59 with 15 seconds to play. Many of the fans were leaving the Gym when Ehrlich sank a jump shot with 10 seconds left. All that Penn had to do was to retain possession. It didn't. As Penn attempted to pass out against Brown's full-court press, the ball was deflected to Ehrlich, who tossed in another jumper to win the game.

Psychologically, this may have been the spur the unseasoned Bruins needed. They lived up to their potential the next night against the Tigers. After holding a 39-34 lead at halftime, Brown broke the game wide open by using a full-court press during the final 20 minutes. Ehrlich was named Ivy League player of the week for his work in those two games.

The 94-89 double-overtime decision over Yale was rated by the fans as one of the most exciting contests Marvel Gym has ever seen. With three minutes to go, Brown held what seemed a safe 11-point lead, but the Elis took advantage of errors and earned a 77-77 tie. Their last six points came in the last 32 seconds. Though the Bears again went ahead in the first overtime, 85-79, Yale picked off several Brown passes and tied it 85-85 with 29 seconds left. In the second extra session, Yale moved in front by four only to have Belavance come off the bench and spark a brilliant nine-point rally that left even Ward limp.

The Cubs won three of their first five games. The wins were against Boston College (63-62), Rhode Island (66-63), and Newport Navy (62-57). Defeats were administered by Tufts (75-56) and Providence (61-59). Bill Oellrich of Park Ridge, N. J., paced the scorers with 96 points.

2-2 in Swimming

JOE WATMOUGH's swimming team brought its record up to 2-2 with a 50-45 victory over Penn, following a 60-35 loss to Princeton. Earlier in the year, the Bears had defeated Columbia (50-45) and lost to Navy (54-41).

Capt. Ed Nicholson was the only Bruin to have much luck in the loss at Princeton. He swept both the 50 and 100-yard freestyle events and shared in the victory posted by the 400-yard freestyle medley relay. Coach Watmough's decision to hold Nicholson out of the 100-yard freestyle turned out to be the key to the triumph over the Quakers. Tom McMullen and Ed Sampson finished 1-2 in the 100, and a rested Nicholson was able to anchor the 400-yard freestyle relay team that clinched the victory by winning the final event. Earlier, Nicholson had taken the 50-yard freestyle event and had been a member of the winning medley relay team.

The Freshman mermen dropped their opening meet of the season to Cranston High, 50-35.

A Split on the Mat

AFTER SHUTTING OUT Connecticut, 40-0, in the opening match of the season, Coach Ralph Anderton's wrestlers dropped a 17-11 decision to Springfield, defending New England champions. The contest with Penn, scheduled for the Marvel Gym Dec. 12, was postponed when bad weather prevented the Quakers from flying to Providence. It was rescheduled for Jan. 13.

Springfield jumped off to an early lead by taking decisions in both the 123 and 130-pound classes. The Bruins came back strong and took the lead as Gene Bouley gained a decision at 137 and Sophomore Bart Mosser (147) pinned his opponent in 1:58 of the second period with a reverse half-nelson with crotch. The Gymnasts,

however, wrapped it up with decisions at 157 and 167 and a fall by their captain, Ralph DiMuccio of Providence, at 177 pounds. Brown's other points were scored when Capt. Art Giorgini decisioned his opponent in the unlimited division.

Mosser, the strong Sophomore from Bethlehem, Pa., had yet to lose a wrestling bout in college. Undefeated as a Freshman, he pinned his man in short order in the first two Varsity tests this season.

The Cubs defeated Cranston High School, 23-3, in their first outing.

Sports Shorts

FULLBACK Paul Choquette '60, tackle Jim McGuinness '56, and center Don Warburton '59 were named to the Ivy League "team of the decade" by 21 Eastern sportswriters who covered the League in the '50s. Joining the three Bruins on the first team were the following: Ends—Paul Lopata, Yale '57 and Frank McPhee, Princeton '53. Tackle—Jack Shanafelt, Penn '54. Guards—Brad Glass, Princeton '53 and Bill Meigs, Harvard '56. Backs—Dick Kazmaier, Princeton '52 (named player of the decade); Dennis McGill, Yale '57; and Chet Boulris, Harvard '60.

Choquette was named in December to the All-Ivy League academic team selected by officials of the college sports information directors of America and the American Peoples Encyclopedia, co-sponsors of the honor unit. The players were chosen from a group of Ivy stars who had maintained a B average or better last semester. Choquette, who is majoring in English Literature, had a 3.5 average and was named to the Dean's List.

To close out the football news for the year, Choquette finished fourth in the nation in kick-off carries. He returned 15 for 354 yards and a 23.6 average. He placed 19th in the nation in rushing with 617 yards in 179 carries and a 3.4 average. As a team, Brown was second in the nation in kick-off return defense, allowing an average of only 15.2 yards per game.

Harry Batchelder '58, former All-Ivy goalie, has been selected to play for the United States Olympic hockey team in the 1960 games to be held at Squaw Valley, Calif., this month.

The five game winning streak by Coach Jim Fullerton's hockey team in December was the longest for a Bruin sextet since the 1954-55 season when Providence, Princeton, Harvard, Northeastern, and Yale were taken in order.

Denny Master of Washington, D. C., has been elected captain of the 1960 soccer team. A second-team goalie on the Coaches' All-Ivy soccer squad for 1959, he registered shutouts against Princeton and Cornell as the Bruins placed third in the league.

Bobby Lowe of Englewood, N. J., has been selected by his mates to lead the cross country team next fall. The smooth-striding Junior captured the New England individual championship and placed second to Michigan State's Crawford Kennedy in the IC4A championships at New York.



ART GIORGINI

A Gala 30th for Pi Lams

IT WAS ANOTHER of those gala evenings with which Pi Lambda Phi fraternity celebrates its milestones. This time, on Dec. 4, it was the 30th anniversary of the installation of the Brown chapter (Rhode Island Phi). It was observed at a dinner at the Ledgemont Country Club in which University officers were invited to join with Pi Lams in their festivities.

Again Samuel Temkin '19 was prominent in the arrangements and in the proceedings. As one of the speakers, he pointed to the chapter's proud record, not only as the Campus leader in scholarship but in other fields which had contributed to undergraduate life at Brown. He expressed the gratitude of Pi Lambda Phi to the late Charles P. Sisson '11 and to Chancellor Harold B. Tanner '09 (present at the head table) and other University officers who had helped welcome the fraternity to Brown. Without resort to the photostatic documents of the past, he touched on historic episodes and on individual and chapter achievement.

Another member of the National Executive Council, its former Chairman, William Melniker, Vice-President of Loew's International, brought the greetings of the national fraternity. But the "vice-president in charge of nostalgia" was Nathaniel H. Gates '30. As one of the undergraduate founders of Phi Chapter, he recalled high-



PRINCIPALS at Pi Lambda Phi's 30th anniversary banquet: Left to right, seated—Harvey Burstein, National Vice-President, Dean E. R. Durgin, Samuel Temkin '19, Sidney Marks '43, Chancellor Harold B. Tanner '09. Standing—Arthur Markoff '44, William Melniker, former Chairman of the National Council, Dean Charles Watts, Theodore F. Low '49, Nathaniel Gates '30, and Stephen Kramer '60

lights of that adventure in a colorful, amusing way. "Pi Lam was born in strife and courage," he said. "You can be proud that a good chapter had good beginnings."

The principal speaker, Dean Watts, was also the philosopher, with resort to time's dimension: "The future has become the present, for more practical purposes. What will it do to the creative mind?" "Morality needs the past to grow on," he added. "Where may the idealist find lodging in this fraternity and others?" He offered his own and President Keeney's compliments.

Other speakers were T. F. Low '49, co-chairman of the general alumni commit-

tee; Toastmaster Sidney Marks '43, Chancellor Tanner, Dean E. R. Durgin, Stephen Kramer '60, undergraduate Rex, the Chapter Advisor, Arthur Markoff '44, and Max Grant '13, an honorary member. The last spoke of his appreciation of the University as a liberal institution and of the need for liberalism in fraternities.

Stanley Blacher '47 was co-chairman with Low. Others on the committee were: Howard Brown '39, Stephen Kass '61, Conrad Fleisher '48, William Mayer '50, Marvin Catler '53, Kramer, and Temkin. Alumni from six States were present as well as Harvey Burstein, Vice-President, and other national figures in Pi Lam.

Brunonians Far and Near

EDITED BY JAY BARRY '50

1893

EDWARD H. WEEKS was honored recently by the Providence Rotary Club, of which he is a Past President and to which he has given "long and distinguished service." He was named an honorary member and given a gold pen and pencil set. During the presentation, the Rotary spokesman recalled that Weeks had not only been a prominent banker but had changed the character of baseball by being the first first baseman ever to take a fielding position away from the bag. The late Fred Tenney '94 followed the Weeks style and became one of the greatest first basemen in pro ball, though he had been catcher on Weeks' team at Brown.

Daniel Howard was honored at the December meeting of the Hartford Brown Club as a man "who continues to astonish us by your undiminished vigor and your keen and unflagging interest in life." The citation read in part: "At a time when it is customary for nonagenarians to relax

by the fireside your thirst for knowledge and adventure led you to travel, unaccompanied, thousands of miles by automobile, train, ocean liner, and jet plane to Russia, where you surveyed the educational system of that country. Even before you matriculated at Brown, you began your career in education as a teacher. Soon after you graduated your talents as an administrator were quickly recognized and you served with distinction as school superintendent for half a century. You helped to mold the lives of generations of your students and have seen them become good citizens and leaders in communities in many states of the Union."

1895

Theron Clark's diary includes daily comments on topics spiritual and religious. From them he has come to make excerpts for monthly mimeographing, which his friends appreciate. December's collection was number 31. Clark continues a faith-

ful Brunonian correspondent from 2335 Fair Park Ave., Los Angeles 41.

1897

"Frank O. Jones, you have been 'ever true to Brown' for more than half a century." This was the lead sentence in a citation presented to Jones at the December meeting of the Hartford Brown Club. The citation noted that he was a charter member of the Connecticut Valley Brown Club 60 years ago and a moving spirit in the formation of the Hartford Brown Club. Noting his contributions to education, the citation read: "As an educator, you were not content to fulfill your destiny as an administrator, so faithful to your trust that a school was dedicated to perpetuate your good name. Long before Sputnik you were a pioneer in the movement to seek out not only the gifted, but also the handicapped child, and to minister to him according to his special needs. Through the years you have given of yourself to countless causes that have enriched the community in which you live and brought credit to your Alma Mater."

Charles L. F. Paull is now living at 2743 Acoma St., Englewood, Colo., but this represents far more than a change of address. His former home was in the path of new highway construction, and the move after 36 years of residence was com-



THIS PHOTO of College Hill, by Robert W. Watson '58, went to each member of 1909 with Christmas greetings and New Year's wishes. "With pleasant recollections of our 50th reunion to each '09er from every other classmate," said the legend.

pulsory. In the last weeks at the old house on South Natches Court, he suffered illness, attacks on the property by hoodlums, a five-day blizzard that cut off phone and lights for 36 hours, and other hardships. He managed to give away to friends hundreds of his valuable plants before the bulldozers took over. "I have no desire to return, even for a last look," Paul says but is philosophical: "I fooled my physician. Maybe I'll fly east next spring."

1899

When thoughtful letters to the editor appear in the *Bridgeport Post* from time to time, not many persons know that he who writes as "Dulcifier" is J. W. Dows. One recent letter, urging better teaching in pre-college classes, drew upon his own experience as a supervisor among country schools in Connecticut. Over a teacher's protests that you could not teach algebra to "little children," he took the class of

20 (ages 8 to 14) and found they could solve problems for him. "Dulcifier" feels that students could progress far faster than they are permitted or encouraged to do.

1901

Prof. Arthur I. Andrews took an active part in the 25th anniversary of the Institute of World Affairs in Warner, N. H. He has been a leader in the planning and execution of its programs from the start and is currently Editor of Publications. The 1959 sessions were part of World Refugee Year.

1902

J. Cunliffe Bullock had been Treasurer of Roger Williams General Hospital in Providence for 34 years when he retired in December. Extensive additions to plant and other remarkable growth have been recorded during his tenure. The hospital today has an operating budget of more

than two million dollars. Bullock received tributes from staff and corporation; he continues as a Board member.

1905

Since his retirement, Ralph Johnson has been active as a Trustee of Wayland Academy, Beaver Dam, Wis., which was his own preparatory school. He is also a Trustee of the Allendale School for Boys, Rochester, N. Y. The students of the latter school are, for the most part, either orphans or boys from broken homes.

1906

Dr. and Mrs. Alex M. Burgess went to Israel in December at the request of the Trustees of Miriam Hospital in Providence. Dr. Burgess, Director of Education at the Hospital, made the trip to study medical education in Israel and assist in an exchange of medical specialists. He said: "This type of exchange on the professional level is one of the best methods of insuring international understanding. We hope this pilot project will be repeated by other American hospitals with hospitals of a similar type in other countries."

1907

"To be the spiritual leader of a people for 50 years is a rare privilege, but to conclude that leadership with the expectancy of additional years of Christian service still to come is even more unusual." The quotation from the Norristown, Pa., *Times-Herald* refers to the Rev. Levi S. Hoffman, who in December withdrew from active duty as Minister of the Central Schwenkfelder Church, Worcester, Pa. He went there as supply pastor in 1909. After he took over as regular minister in 1910 he began the work of unifying, instead of dividing the parish as proposed, and of building Central Schwenkfelder Church, dedicated in 1951. It is one of the beautiful churches of the country. Under our classmate's "sincere, devoted leadership the union of all the organizations became a consecrated whole, which now exists; the membership has doubled, and the activities trebled." Now Hoffman will continue as Minister of the church but free of daily duties with time his own to carry on work in which he is especially interested.

Norman F. MacGregor's Christmas card came from 520 Fourth St., South, St. Petersburg, Fla., where MacGregor is safely distant from the rigors of his Quebec winter.

H. B. Keen and Mrs. Keen spent the holidays with Mrs. Keen's son and family in Oak Ridge, Tenn. "Everything hush-hush down there; we only look from the outside and wonder," Sal wrote before leaving East Setauket. "If all goes well we might cut across Virginia and spend a few days in Williamsburg."

Robert S. Curley's address until spring will be 1055 West Main St., Mesa, Ariz. Bob hints that he is perfectly content to let Bill Burnham praise and enjoy the delights of a Maine winter all by himself.

E. A. Batchelor's son, E. A. Batchelor, Jr., member of the staff of the *Detroit Times*, competing in the national writing

contest of the Hearst Newspapers, 1958-59, won "first prize in the straight news category for his memorable story of the Chicago school fire titled "A Parish Tragedy . . . None Could Help." The prize also carries a \$500 bonus.

Samuel E. Compton is now living at 6613 Third St., N.W., Washington 12, D. C.

Your Secretary, settled down at 265 Benefit St., Providence 3, acknowledges Christmas cards from Shan Clark, Davis, Streeter, Bright, Campbell, Burnham, Church, Curley, Gordon, Curran, Ernest Reynolds, Herb Harris, Hoffman, McPhee, Slade, Keen, as well as letters from Stark and Bachelor.

Mrs. Hazel M. (Wagenseil) Jones, widow of our classmate Bob, died in Providence Dec. 14, 1959. Her son, Robert W. Jones, New York architect, survives. Many of us will recall that Mrs. Jones was a guest at our 50th Reunion outing at Shannamar with Shan Clark and Mrs. Clark our host and hostess.

A. H. GURNEY

1908

Your Secretary has been a bit under the weather with something the doctors call Emphysema. That's a fancy name for a puffed condition caused by infiltration of air into the connective tissue of the lungs. I have most of my trouble after I sleep, so I have to get up hours before my early radio broadcasts over WALE, Fall River.

Harold E. Minnerly and his wife are planning a round-the-world cruise. They were to leave New York on Jan. 21 and return April 18. "We are very excited about the interesting possibilities of such a trip," he reports. "Recalling that it's later than we think and we can't take it with us, we decided to make this super effort."

Norman L. Sammis was the speaker at the January meeting of the AE Club in Providence. His topic: "Six Fall River Queens."

1909

No less than 13 of the Wilmot clan were shown in a fine family photo which brought the Christmas message from Sydney and Mrs. Wilmot. Syd made his annual trek to Florida after the holidays—to the same place, Manor Motel, Route 441 Gainesville, near Harry Winsor.

Dr. James M. Hess has taken up residence in Claremont, Calif., at 777 Alden Rd. After 37 years as Chairman of the Department of English Literature in the American College of the University of Madras, he returned to this country in 1952. At that time he joined the Faculty of Elon College, continuing to teach through last June. With a daughter there (Mrs. M. W. Tunnicliffe, Pembroke '38), he is no stranger to Claremont. His kind words about this magazine are the more appreciated because he holds degrees from three other universities.

Manton Chace at Clearwater, Fla., keeps busy with Brown affairs in his area; he is Vice-President of the Brown Club and active on Fund and Bicentennial Development Programs. In addition, he

finds time for golf, and has recently added shuffleboard to his list of games.

Win Adams is a Florida winter visitor again. Address: Daytona Plaza Hotel, Daytona Beach. George "Bill" Sykes is also back in Florida again for the winter, but this year his address is 456 13th Ave., N.E., St. Petersburg 1.

1910

The Rev. and Mrs. Stephen Pyle have moved from the East to the West Coast, as their Christmas card announced. Their new address: P.O. Box 1294, Oakland 4, Calif.

Ralph and Mrs. Farnum celebrated their 50th wedding anniversary last May 23rd at their home in Redondo Beach, Calif. This may be tardy notice, but their friends in the Class extend sincere congratulations and best wishes for the next 50 years.

John and Madeleine Hennessy are living at 9 English Village, Cranford, N. J., and would appreciate hearing from classmates.

Edward J. Shaeffer at Altedena, Calif., had a Christmas visit from his son, Doug, daughter-in-law Gwen, and two grandchildren—all the way from Prairie Village, Kan.

Frank L. Mansur divides his time between Swampscott, Mass., and Laurel, Fla. He is spending the winter in the South.

Hoke Horton received an interesting "confession" from Win Greene, some of which might be of interest to Classmates: "My work has two aspects. On the one hand I am a broker placing reinsurance contracts between American companies and the London market and in other parts of the world. I am also a consulting actuary, doing my best to solve various kinds of puzzles for casualty and fire insurance companies—there is a lot of fun involved in both kinds of work." Win and Mrs. Greene live in Fordham Hills, in the University Heights section of New York City, and, from their windows on the 15th floor have a clear view of George Washington Bridge, the Palisades, Hudson River, and all the tall downtown buildings of the city.

1912

Dr. W. Randolph Burgess, permanent U.S. Representative to the North Atlantic Council, Paris, France, spoke recently before the Executive Club of Chicago. While in the area, he journeyed to the Morgan Park Academy and talked with the students about careers in Government service. He also reminisced about his days at the school, from which he graduated in 1907.

Dr. Dana Gardner Munro was named to the newly-created six-man National Advisory Committee on Inter-American Affairs by President Eisenhower in December. In announcing the appointment of the six-member group, the President stressed that the committee, advisory to Secretary of State Christian Herter, would provide "tangible evidence of the importance which the United States attaches to its relations with the other American Republics." Dr. Munro is extremely well qualified for the post, bringing to it well over



RONALD M. KIMBALL '18: Retiring after 35 years with Continental Illinois.

four decades of practical and academic experience, including the years he spent in Central America qualifying for his University of Pennsylvania doctorate. Called to Princeton in 1930 as Professor of Latin American History, and subsequently holding forth as Director of the Woodrow Wilson School of Public and International Affairs from 1939 until 1958, he interrupted his university career for a period of two years to hold forth as U.S. Minister to Haiti. He is now William Stewart Tod Professor of Public Affairs at Princeton.

Kenneth J. Tanner, due to an operation, has been forced to relinquish his job as Class Agent after many years of fine service. He is coming along all right but reports that it will be a long pull. Mellen H. Pingree, now retired, has been named to take Ken's place as Class Agent.

William S. Dinkins and his wife celebrated their 40th wedding anniversary recently in Selma, Ala. Since his resignation as President of Selma University in 1950, he has operated the Dinkins Specialty House and continued his writings for the National Baptist Publishing Board, including some 30 Sunday School quarterlies. A son, a Baptist minister, has taken up duties as President of Owen College in Memphis. A daughter has taught music at Benedict College. Dinkins wrote George Burgess in October that he would assist the Brown Bequest Program to the best of his ability.

1915

Prof. Sharon Brown went out to Greenville, R. I., in the holiday season to offer a "Christmas Garland" of readings in a community celebration at the Public Library. The Pembroke singing group, the PDQ's, were also on the program.

Mrs. Henry S. Newcombe of Saunderson, R. I., died shortly before the Christmas holidays. Our sympathy also goes to Dr. Edgar J. Staff who lost his wife late in the fall.



JACK FAWCETT '22 and Jim Serven '22 roomed together in prep school and as Freshmen at Brown. They hadn't seen each other in 40 years until their autumn reunion, which included "a wonderful day at Brown." This photo was taken just before the Providence visit.

1916

W. R. L. McBee continues on the Board of Directors of Berkshire Hathaway, Inc., reelected at the recent annual meeting in New Bedford.

1917

Wally Wade, who retired in December after 40 years of work in college athletics, was the 1959 winner of the Service to Sports Award given by the Atlantic Coast Sportswriters Association. In giving up his position as Commissioner of the Southern Conference, Wally ended an active collegiate sports career that began at Brown when he was a lineman on the 1915 team that played Washington State in the first official Rose Bowl game. The writers' award is given for "long distinguished and unselfish service to amateur athletics in the area embracing Maryland, Virginia, and the Carolinas." After establishing Alabama as a football power with a 61-13 record and three Rose Bowl teams, Wally moved to Duke where he turned out two more Rose Bowl squads and won 110 games, tied seven, and lost 36 from 1931 through 1950, except for four years during World War II when he served in the Army. Wally became a member of National Football Hall of Fame in 1955.

William B. Farnsworth is one of the alumni representatives on the new Moses Brown School Association for Annual Giving.

1918

Ronald M. Kimball, Vice-President of the Continental Illinois National Bank and Trust Company of Chicago, will retire this spring after 35 years of service. While the retirement is in accordance with bank policy, Kimball has so many community and university affiliations that he is certain to keep busy otherwise.

Provost Zenas R. Bliss represented the University at a meeting held at the Air University, Maxwell AFB, to discuss the Air Force ROTC program. Dean Edward R. Durgin also attended, in his capacity as Secretary of the Association of Navy ROTC Colleges.

Dr. Louis I. Kramer of Providence is President of the New England Diabetes Association. At its recent Diabetes Health Fair in Boston, he was one of the panelists who discussed "What's New in Diabetes?"

J. Irving McDowell, partner in the Providence investment firm of McDowell Dimond & Co., is a member of the Board and one of the organizers of the R. I. Association of Investment Firms, which was formed by five R. I. investment firms last February. By the first annual meeting, in December, 25 firms, including most of the top brokerage houses in the State, had joined the Association.

1919

The Rev. Robert L. Weis had recovered from his illness of last fall sufficiently for him to resume his parochial duties in December at St. Thomas' Episcopal Church in Providence.

H. Raymond Searles, Providence banker, is the new Treasurer of the Roger Williams General Hospital. He had been its Assistant Treasurer under his predecessor, J. Cunliffe Bullock '02, and was also elected a Trustee at the recent annual meeting of the Board.

Roger T. Clapp, who has been author of 25 Christmas plays for the Providence Art Club, wrote "The Pirates of Pawcatuck" for 1959. The members surprised him with an "honorary degree" of Doctor of Humane Drama from Burleigh College, a mythical institution which had had been the scene of one of his earlier plays. He also received a portrait of himself in buccancer costume as "the jolliest Roger of them all."

John W. Haley, Vice-President and Advertising Director for Narragansett Brewing Co., appeared on the program of the recent two-day Adult Education Institute in Newport, R. I. He helped advise local supervisors how to publicize their work, with special attention to the brochure as a promotion device.

1920

Lou Pieri, President and Treasurer of the R. I. Auditorium, was re-elected a Director of the New England Thoroughbred

Horse Breeders and Owners Association at the annual election meeting at Narragansett Park in December.

1921

Dr. Arcadie Giura of Warren has been named a Director of the Rhode Island Division of the American Cancer Society.

William T. Brightman, Jr., President of Blackstone Mutual Life Insurance Co., is a newly elected member of the Board of Directors, Narragansett Electric Co., Providence.

1922

William Paxton of the Moses Brown Faculty in Providence was in the chair for a symposium on creative writing which featured the October meeting of the New England Association of Teachers of English, held in Boston.

"In the death of Percy F. Albee," said an editorial in the *Bethlehem Globe-Times*, "the area loses not only an artist of national reputation but one of its best-loved friends and neighbors. . . . His home was a museum with the human touch, and his life was a festival."

1923

Kenneth P. Sheldon is Industrial Consultant of the U.S.A. Operations Mission to the Philippines and spoke before a December meeting of the Manila Rotary Club. His theme was the need for economic cooperation among free countries, and press accounts indicate that he was eloquent in his plea for a realization of the stakes involved. A later letter from Ken reported that he has never been happier (or healthier) than during his six months in the Philippines. Mrs. Sheldon planned to join him there in January.

Mr. and Mrs. Charles Beattie were College Hill visitors recently when another son came to the Admission Office for his interview.

Mrs. Herbert G. Beede, mother of Fred-eric N. Beede, has died. She was a writer on Rhode Island history and the widow of Herbert G. Beede '93.

Willis B. Gifford has moved from Fairfield, Conn., to 9 Pinehurst St., Trumbull, Conn., but he is still teaching in Fairfield at Andrew Warde High School.

The Rev. Skillman E. Myers is Chaplain of the Medfield State Hospital in Massachusetts. He was a recent guest minister at the First Parish Church in Framingham.

George and Elsie Decker have sold their historic farm in Dutchess County, N. Y., and bought a house "on the green" in Sharon, Conn. But the note that brought the news carried their Summit, N. J., address, of course: 1 Euclid Ave.

Robert Spellman is living in New Paltz, N. Y. He lunched with the Deckers in Poughkeepsie a few weeks ago.

1924

Wesley B. Hayward resigned last fall after 20 years of service as Chapter Advisor to Delta Lambda of Sigma Nu at Brown. As the Chapter was honoring him, it was announced that Sigma Nu had placed first in community service and third in scholarship among Brown fraternities.

Earle C. Drake was successful in his campaign for election for Councilman at Large in Syracuse, receiving the largest plurality of any candidate in the November election there.

1925

Dr. Charles H. Morhouse, promoted to Brigadier General in the USAF Medical Corps, was transferred from Eglin to the headquarters of the Fifth Air Force early in the fall. Soon thereafter, he received his second Legion of Merit decoration. His duties now cover all of Japan, South Korea, Okinawa, and Iwo Jima, while also serving in an advisory capacity for half a dozen other countries. His frequent flights take him all over the Far East. One recent visit was to the Philippines, where he was stationed when World War II broke out. He expects to stay in Japan for the balance of his military career of 30 years.

Lucien Capone was elected Chairman of the Republican Town Committee in Bristol, R. I., in November. He had formerly served as Bristol's Town Solicitor. His last official post was as legal advisor to the Town's Charter Commission in 1958. He was graduated from Northeastern in 1932 and was admitted to the bar a year later.

Frederick M. Palmer, Jr., is the owner of Crestview Associates at 147 South Main St., Uxbridge, Mass.

1926

Andrew J. Rusbasan is Torrington's first full-time Assessor, a post created by the last session of the Connecticut General Assembly. He has many years' experience in the offices of the Assessor and Tax Review Boards, and his association with the Hartford Area Assessors Association and the Connecticut and national Associations of Assessing Officers highly qualify him for the position.



DONALD S. FLYNN '30 has been promoted by the Ethyl Corporation to be Manager of the Sales Department of its Central Region. He will make his headquarters in Chicago. With Ethyl since graduation as a civil engineer, Flynn has been Assistant Manager of the Eastern Sales Department in New York City for seven years.

1927

Newell Mason teaches at Stevens Institute of Technology, Hoboken, N. J. He is still a tennis enthusiast, and has a son at Brown and a daughter at Wheaton.

Irving Loxley had both married daughters and their families on hand for the holidays. One of them came all the way from Coeur d'Alene, Idaho.

Dick Almy is Manufacturing Superintendent of the American Viscose plant at Front Royal, Va. One of his sons is a student at the University of Michigan, and he has a daughter at William & Mary.

Hubbell Robinson's new hour-long television series has been optioned by ABC. Titled "Attorney," it's about two lawyers, a venerable old-timer and his young protégé. It is reported that NBC is interested in two other hour-long series being planned by the former CBS Vice-President, now an independent producer. His "Christmas Startime" featured Leonard Bernstein and the New York Philharmonic Orchestra, Marian Anderson, the Schola Cantorum, the St. Paul's Cathedral Boys' Choir of London, and Joseph N. Welch as host. It received lavish praise from the critics.

1928

Frederic W. Collins, Washington correspondent of the *Providence Journal-Bulletin*, is serving this year on the Executive Committee of the Gridiron Club.

Dr. Seebert J. Goldowsky, surgeon, and Dr. Irving A. Beck '32, internist, were members of a team from Miriam Hospital, Providence, which spent four weeks in Israel this winter at the Poriath Hospital in Tiberias on the Sea of Galilee. The first of a group of specialists is expected to come from Israel this month for study at Miriam under an exchange financed by the Unitarian Service Committee. Dr. Alex M. Burgess '06 went to Israel earlier to assist in arrangements.

H. Clinton Owen, Jr., will be the Chairman of the 1960 campaign of the United Fund in Providence. At the victory dinner of the 1959 workers he caught the now traditional forward pass of a football from his predecessor, Robert H. I. Goddard, Jr. The custom originated when William J. Gilbane '33 pitched his campaign on a football note some years ago.

Percy Kingsley is Superintendent of Schools in Shelton, Conn.

Dr. Robert F. Marschner, senior research associate at Whiting Research Laboratories, Standard Oil Co. (Indiana), spoke at a recent conference in Chicago, sponsored by the Northwestern Technological Institute and the Illinois Society of Professional Engineers. The purpose of the conference was to discuss how scientists and engineers can be employed more effectively. Since he joined Standard in 1934, Dr. Marschner has published nearly 25 scientific articles and been granted 40 patents in several fields of petroleum research. His recent responsibilities have included communication in research and Standard's aid to education.

The Class extends sympathy to Kent Matteson upon the death of his mother.



ODDS ARE, said the Chicago Tribune in January, that County Judge Otto Kerner (Brown Trustee, '30) will emerge from Democratic slate-making as organization candidate for Governor of Illinois.

1929

Dr. E. Kenneth Carpenter is Associate Professor of Education and Psychology at the University of Rhode Island. He spoke recently before the Personnel Directors' Council of the Worcester Chamber of Commerce, analyzing the value and limitations of psychological testing of personnel.

Walter G. Ensign is one of six alumni representatives appointed by Moses Brown School on its new Association for Annual Giving.

1930

Ray B. Owen, Executive Vice-President of Old Colony Co-operative Bank, Providence, in January began a two-year term as a new Director of the Federal Home Loan Bank of Boston. He is also a Director of Providence Gas Co., Fireman's Mutual, Union Mutual, and Appalachian Insurance Cos., and Scott Testers, Inc., as well as of his own bank.

Prof. Duncan Stewart, Chairman of the Department of Geology at Carleton College, has been elected President of the Central Section of the National Association of Geology Teachers and took part in its annual conference at Ohio State University in December. He was recently named to "ordinary membership" in the Yorkshire Geological Society. (The English term is the equivalent of "fellow" in this country.) He had spent four months of leave in research at the University of Cambridge in 1956, leading to a paper at a symposium on Antarctica in Washington which summarized all that was then known about Antarctic rocks and minerals. He received his M.Sc. from Brown after field exploration in Greenland.

Robert G. Raymond is Deputy Director of Civil Defense in Rhode Island. He announced recently that about 7,500 persons in the State can be classified as active in CD work. He also noted that since 1951, 75,492 Rhode Islanders have been trained in first aid, rescue, radiation meas-



MASTER MEDIA MAN: Howard R. Smith '30 of General Electric (center) was so designated as he received the award from Holiday magazine. It cited him for cooperation with all media representatives and named him one of the outstanding men in his field. Smith is Media Supervisor for a major division.

urement, welfare service, auxiliary police and fire work, radio operation, and other phases of CD work.

1931

John B. Chaffee, Superintendent of Schools of Wellesley, Mass., is one of the local and national education leaders recently elected to the Editorial Advisory Board of *Overview*, the new Bittenheim Publishing Corp. magazine for all education administrators. He will help shape its editorial policy and direction. The magazine, whose first issue came out in January, incorporates two previous 21-year-old publications, *The School Executive* and *Educational Business*.

W. Ronald Gill was elected Vice-President of the Moses Brown Alumni Association at its annual meeting in November.

Wes Moulton, Secretary of the Brown University Fund, has a novel way of keeping in condition. The former All-American hockey forward and successful Bruin coach just dons the skates and joins the Brown hockey team in practice sessions at the R. I. Auditorium. Wes rates the current Bear goalie, Rod McGarry, as almost as tough to fake out of position as was Harry Batchelder '57.

Cmdr. Frederick L. Harson, USNR, has been appointed by Rhode Island's Governor Del Sesto as an honorary Aide-de-Camp on his military staff. Harson is Director of the First Naval District Reserve Officers School at the South Weymouth (Mass.) Naval Air Station. Active in the investment securities business, he operates his own firm in Providence.

Alden R. Walls, Chairman for the Class, reports that Joseph E. Cadden and the Rev. Dr. Raymond S. Hall have accepted assignments as Co-Chairmen in the University Bequests Program in New York. Benjamin Greenfield is Co-Chairman in Massachusetts.

Dr. Frederick J. Carpenter was a recent speaker at a meeting of the Holy Name Society of Blessed Sacrament Church,

Springfield, Mass. Chief of Staff at St. Luke's Hospital, Pittsfield, he is a graduate of McGill Medical School.

Steve Shanosky has been made District Manager of the Schraft Candy Company, Charlestown, Mass.

1932

Arthur A. Lewis, an English teacher at Tantasqua Regional High School, Sturbridge, Mass., was honored at a dinner in December. He has been Chairman of the Abe Diamond Memorial Scholarship Fund of Tours Lodge, B'nai B'rith for the past 20 years and was honored for his service to this worthy cause. In addition to his lodge interests, he has been Secretary of Ezra Lodge, A.F. & A.M., for the past nine years, is past President of the Taunton Community Forum, and a long-time member of the Zionist Organization of America.

1933

The new sanctuary and parish house of St. James' Church, North Providence, was dedicated in December. The \$50,000 parish house is a memorial to the late Rector, the Rev. C. Lennart Carlson.

Edward Necarsulmer, father of Edward Necarsulmer, Jr., died in December at the age of 85. He had been an award-winning architect.

Dr. Warren Andrew, former graduate student at Brown and Chairman of the Department of Anatomy of Indiana University School of Medicine, received the 1959 national award of the Gerontological Research Foundation. It recognized his study in the field of aging. "Congratulations to a fine researcher," said *Mature Living* in a recent issue. Dr. Andrew is a regular at the Brown Club luncheons each month in Indianapolis.

Franklin A. Hurd has been elected Secretary of the Providence Board of Realtors.

Howard T. Downey, an industrial engineer living in Providence, journeyed back to his birthplace, North Haven, Conn., to

be with his parents when they celebrated their Golden Wedding anniversary on Nov. 29.

1934

Dr. N. William Wawro has been elected a member of the Staff Executive Committee of the medical and surgical staff at Hartford Hospital.

Having your name in Frank Sullivan's annual Christmas greeting rhymes in the *New Yorker* is like being mentioned in dispatches. It was fun, therefore, to see Stan Hunt greeted, along with another Brunonian, Senator Green. Hunt's cartoons continue to enhance some of the most popular magazines.

Daniel W. Earle, Executive Director of the Brown University Fund, is the new Chapter Advisor for Delta Lambda of Sigma Nu at Brown. His predecessor, Wesley B. Hayward '24, held office for 20 years. Earle has announced an expanded program of student-alumni relations.

1936

The Class was well represented at the social hour held at the tent on Aldrich Field prior to the Homecoming game with Harvard. The group was unanimous in urging that these affairs be held prior to all home football games, except the Thanksgiving encounter. Those who enjoyed the 1959 reunion were Jack Byam, Lu Drury, Charlie Drury, Paul Connelly, Ray Noonan, Steve Nicholson, Gordon Cadwgan, Gerry Dunn, Mickey O'Reilly, Jim Maiden, Red Armstrong, Earl Easton, Norm Appleyard, and Bob Kenyon.

1937

Harry Heydt has joined the Pompano Beach, Fla., office of M. N. Weir and Sons, Inc., realtors. He had operated "The Sport Mart," a successful sporting goods store in Westport, Conn., for the past 20 years. After going to Florida in 1957, he was engaged in the mushroom business in Boca Raton until he went into real estate.

"Wintertime and the Watsons" was the headline of the cover story in *Sports Illustrated* for Dec. 14, notable for some superb color photos taken by Toni Frissell. The feature made it obvious that Thomas J. Watson, Jr., leads a family of avid and able skiers who make good use of their lodge in Stowe, Vt.

1938

Judge Frank Licht of the R. I. Superior Court made a tour of Israel last fall and was a speaker at Temple Beth Shalom in Providence, describing the impact of the Holy Land on world affairs.

John O. Martin, who recently retired from American Optical Co. as Special Products Manager, was guest of honor at a testimonial dinner given in Sturbridge, Mass. With AO since 1943, he plans to go into business in the Southwest.

Frank B. Foster is President of a new company called Chase-Foster, Inc. of Providence. The firm was formed by the merger of the Laminating Division of Chase & Sons, Inc., North Quincy, Mass., manufacturer of electrical insulating ma-

terials, and Foster Associates, specialists in the electrical insulation lamination field.

John Certuse is in his seventh year as English teacher and head football coach at Wellesley (Mass.) High School. He was highly praised by the sports writers and fellow coaches for the fine team he turned out last fall. "This is a fine school to work in," he says. "We have a very high type of boy here. Some of our neighboring towns claim that the white-collar background of some of our boys takes some of the fight out of them. I'm inclined to the view that it may be the opposite." The former Bruin football star stays in condition in the off-season by an occasional stint at basketball officiating.

1939

Windsor Lewis and his wife, the actress Barbara Bel Geddes, for two years have lived "virtually away from the American theatre on a 100-acre estate in Galway, Ireland, where they make their permanent home with their two daughters, Susan and Betsy." The quote is from the theatre program of "Silent Night, Lonely Night," Robert Anderson's new play which brought Miss Bel Geddes back to the States. She is playing with Henry Fonda, with whom she made her first film, "The Long Night," in 1946. After "The Moon Is Blue" she worked for two seasons with her husband at his summer theatre in Arden, Del., before returning to Broadway in "Cat on a Hot Tin Roof."

1940

Robert L. Reynolds has been appointed Director of Sales of the Plastics and Coal Chemicals Division, Allied Chemical Corp. He has been with the company since graduation, most recently as Assistant Director of Sales. He lives at 204 Linden Ave., Fair Haven, N. J.

The Hon. William H. Bates, Congressman of the Sixth District of Massachusetts, was the guest speaker at the November

"In Lieu of Christmas Gifts"

THE CHRISTMAS CARD from Reiss Associates, Inc., of Lowell may have puzzled its recipients, for it bore a drawing of Brown's Van Wickles Gates. The explanation, however, appeared inside:

"In tribute to you and others whose patronage and association have been highly valued during the past year, a contribution has been made to Brown University. This contribution has been made in lieu of gifts to business friends and associates so that financial assistance may be given to worthy students, and hereby help make possible their college education. Brown University wishes to express appreciation for this gift and joins Reiss Associates, Inc., in extending to you best wishes for good health and prosperity during the coming year."

Ernest Reiss '32 is President of the firm.

meeting of the Sylvania Lighting Division Management Club at Beverly, Mass. His subject for the evening was "Problems on the Federal Scene."

1941

Cmdr. Philip W. Porter, Jr., USN, is in command of the USS Glacier, the Navy's largest icebreaker, which left Boston harbor in early November to take part in the fifth consecutive operation "Deep Freeze" in Antarctica. The Glacier is one of an eight-vessel task force which will support new research activities until March.

Willis F. Woods is Director of the North Gallery School of Art, Fort Lauderdale, Fla. He has studied at the University of Oregon and American University. He is a member of the Southern Art Museum Directors Association, American Association of Museum Directors, Florida Artist Group, and the Association of American Museums. He recently was named a Trustee of the Junior Museum in Palm Beach.

1942

Dr. Aldo Bernardo has been appointed Chairman of Humanities at Harpur College, the liberal arts college of the State University of New York. He holds a Ph.D. from Harvard and has been Associate Professor of Romance Languages since 1955.

Raymond T. Leary is General Sales Manager for Cornell-Dubilier Electric Corp. of South Plainfield, Mass. He has been with the company since 1946.

Edmund J. Bennett, President of Bennett Construction Co., Inc., Bethesda, Md., was elected President of the Suburban Maryland Builders Association in November.

Arthur T. DiPrete is Manager of the Public Finance Corp in Butte, Mont. He lives at 1729 Cowell Ave.

G. Wightman Williams is the host and moderator for a new TV series on Station WPRO-TV, Providence, which started in January. Called "Talk Back," it is a presentation and discussion of the 13 problems that, according to a national poll, most concern Americans today. The series is presented each Sunday morning by the R. I. State Council of Churches.

Edmund Armstrong, Athletic Director for Moses Brown School, took part in the autumn meeting of the New England Preparatory School Athletic Council in Boston. With him was his football coach, Gennaro Zeoli '51.

1943

Irving R. Fisher, 3rd, is with *Vogue*, working at its New York office in advertising sales. He commutes from Riverside, Conn.

Thomas L. Yatman has been named to a one-year term as Director of the Providence Board of Realtors.

1944

Irving R. Levine is active on the lecture circuit, speaking on "American-Soviet Relations in 1960" and showing his own films taken during the four years he spent in Moscow as NBC news correspondent. One January date was at Colby Junior College. At the annual meeting of the Columbia



SAMUEL J. McDONALD, JR., '38 has been appointed Assistant Manager of the Distributor Sales Department of Sylvania Electronic Tubes. He had been Eastern Regional Sales Manager for the division of Sylvania Electric Products since 1956, having joined Sylvania in 1943. He will continue to have his headquarters in the company's sales office in New York City.

Journalism Alumni he received one of the 1959 awards for "distinguished service to journalism."

When Walter D. Kelly took up his new duties with Polaroid in Waltham, Mass., the first to welcome the Kellys to their new home at 9 Bay State Rd., Wellesley Hills, were Jim Flanagan and his wife. Walt and Jim were roommates at Brown, while Margaret Black Flanagan and Jean Whitehead Kelly are Pembroke '45. Mrs. Kelly flew to Liege with Walt for the International Colloquium of Scientific Photography referred to in our last issue. Before going to Polaroid in a supervisory capacity, Kelly had been a senior chemist with Ansoco.

David B. Fowler has been appointed Vice-President of the W. W. Richardson Insurance Agency, Inc., Warren, R. I. He had been handling sales and service for the agency for the past several years. He previously was associated with the Employer's Group Insurance Companies in Boston in underwriting and claims capacities.

1945

Charles W. Briggs, Jr., is Director of the newly opened Development Office at Moses Brown School. He returned to Providence after working with Young & Rubicam advertising agency in New York. He assists the alumni organization, publishes the School *Bulletin*, directs fund-raising, and handles the publicity involved.

Leon Mann, Production Manager of Hassenfeld Brothers, Inc., Pawtucket, was one of three executives of the company that accepted a recent award for one million man-hours of operation without a loss-time accident. Recognition came at a dinner sponsored by the American Insurance Group.

A recent social gathering at a Rhode



THREE FROM 1951 were together for a one-day training cruise aboard the USS Piper, out of New London recently. Left to right: Charles Andrews, Lt. Richard Gallipeau, and Bill Surprenant.

Island club practically turned into a reunion for members of the Class. To Dan Fairchild, Sam Arnold, Don Campbell, Knight Edwards, Randy Pillsbury, Dick Pretat, Hank Sharpe, and Tom Woods it seemed natural to discuss reunion plans for the big 15th scheduled in June.

John J. Burke, Jr., is editing employee publications for the Public Relations Department of Sylvania Electric Products in New York.

1947

John Dake has been named Manager of Stillman's Department Store, Muncie, Ind. He had been Manager of The Carol House, Belleville, Ill., which is also connected with the Interstate Department Store, parent organization of Stillman's. He has been with Interstate five years. Earlier, he had been Assistant Manager of stores in Decatur, Ill., and Troy, N. Y., and spent some time with Montgomery Ward.

1948

Henry A. Timm has been appointed Assistant to the President at the First National Granite Bank, Augusta, Me. He began his career in banking in 1948 with the Union and New Haven Trust Co., New Haven. Before assuming his present position, he was Assistant Vice-President of the Simsbury Bank and Trust Co.,

Simsbury, Conn. After leaving Brown, he attended the Stonier Graduate School of Banking at Rutgers.

Robert A. Jacobssen, formerly on the advertising sales staff of *Glamour* magazine, has a similar position with *Holiday* magazine. He notes that one of his clients is Jay Kaner '42, Advertising Manager of American Enka Corp.

Kevin R. Cash has been appointed Night News Editor at radio station WBZ-WBZA, Boston and Springfield. A former member of the editorial staff of the *Manchester Union-Leader*, Cash had been serving as New Hampshire staff correspondent for WBZ. A Naval officer during World War II, he had earlier been with the *Boston Record-American* and Procter and Gamble in Cincinnati.

1949

Arthur N. Green has been appointed an industry marketing assistant in Atlas Powder Co.'s Chemical Sales Department, Wilmington, Del. Formerly, he worked out of the company's New York chemical sales office. He has a Master's degree from Lowell Technological Institute.

Alfred S. Koffler was elected Judge of the Court of Special Sessions of Islip, N. Y., in November. He moved there in 1952, after receiving his law degree from Harvard. His law office is at 670 Main St.

David K. Murray and Mrs. Murray with the children, Chris and Jan, are living in their new home at 2710 Cheverly Ave., Cheverly, Md.

Malcolm L. Daniels, Chairman of the Cranston Republican City Committee, has taken part in public discussions about a "home rule" charter for his City. His four-column statement in opposition appeared in the *Providence Evening Bulletin* recently.

Bruce R. Williamson, who has been Program and News Director of radio station WRVM, Rochester, N. Y., since Oct. 1, has been named General Manager of the station. He has also been made a Vice-President of State Broadcasting Co., which owns WRVM and WSAR (Fall River). Williamson was with WHIM in Providence for 12 years, during which period he undertook many alumni services for Brown.

1950

Charles W. Pearl, after nine years of teaching in Nantucket, is the island agent for Metropolitan Life Insurance Co. Calling at the homes of 650 families each month, he says, "The most enjoyable feature of my work is the absence of confinement." As a beginner in the insurance business, he is taking a 32-week correspondence course.

Jack Harrington, who assumed the position of Associate Director, United Fund, Inc., Providence, last summer, received a pat on the back for his efforts in helping the Fund top its goal for 1959. Jack is a member of the Executive Committee of the Class and Chairman of its Awards Committee.

Chuck Nelson, football coach and English teacher at Scotch Plains High School, Middlesex, N. J., visited Alumni House and the Marvel Gym during the Christmas

vacation. His team posted a 7-2 record last fall and won its Conference championship with a 5-0 mark. This was the best record for the school in 12 years.

Don Rawson is teaching English and Math at Buckley Country Day School, North Hills, Roslyn, Long Island. He also coached basketball last winter. In addition to his teaching duties, Don is taking two courses at Columbia this year toward his Master's degree.

1951

Bob Hazlett has passed the R.I. bar examinations. He is associated with John Varone in Providence. His LL.B. is from Boston University.

Ralph P. Dupont, New London attorney, has been elected to the Board of Education in that Connecticut community. It marked the first political bid for the Fall River native who has been practicing law in New London since 1956.

1952

Fred Lougee is teaching Spanish and English at Robert Earley Junior High School, Wallingford, Conn. He had been administrator of the Army Education Center Program in Puerto Rico, Honduras, Nicaragua, Ecuador, and Peru.

Francis B. Sargent, Jr., was one of six members of the Providence Junior Chamber of Commerce who have formed a non-profit corporation known as the R. I. Arts Festival, Inc., for the purpose of sponsoring an annual affair. The corporation announced that, because the 1959 Arts Festival held on the Mall in Providence had shown so much public interest in art, the 1960 Festival will be extended to two weeks and will include the performing arts as well as the creative arts.

Lt. Thomas A. Jewell is Executive Officer aboard the Pacific Fleet destroyer escort Vance, based at Pearl Harbor. He has been serving aboard the ship since August. Since entering the Navy in 1952, he has visited Japan, Singapore, Ceylon, Saudi Arabia, Egypt, Italy, Algiers, Spain, Panama, Korea, and Ireland. He is a graduate of Heidelberg University.

1953

Samuel Bernstein has formed a law partnership with two other attorneys in Stamford, Conn. The firm will be known as Zone, Bernstein and King, 706 Bedford St. He graduated from Yale Law in 1956.

Harry R. Hauser, after being discharged from the Navy in June, 1957, resumed his law studies at Columbia University and graduated this past June. He took the July New York State bar examinations, and was admitted to practice law in December. He is employed in the legal department of Remington Rand Division of Sperry Rand Corp. in New York.

Karl S. Ryder has joined the Dewey and Almy Chemical Division, W. R. Grace & Co., as Sales Engineer for container sealing compounds. He had been with Cities Service Oil Co.

Frank P. DiBiase is with Cleverdon, Varney & Pike of 120 Tremont St., Boston, as a design engineer in heating, ventilating, and air conditioning. His home is in Medford.

Francis J. Brady, Jr., is a specialist in the general accounting operation of General Electric Co. in Cleveland. He lives at 17808 Lakeshore Blvd., Cleveland 19.

Frank Krohn has been employed by the Norton Company as an Abrasive Engineer for the past four years. He was recently transferred from Detroit to Flint, Mich., and he and his wife and young son are living in Fenton, Mich.

David J. Livingston is with Braislin, Porter and Wheelock, Inc., real estate firm in New York. Dave is also part owner of the Tartan Restaurant, and he would especially enjoy having Brunonian classmates as customers.

Henry Stern is studying toward his CPA and has been spending most of his time below the Mason-Dixon line. He reports that hominy grits are not so bad—once you get used to them.

Len Glaser is happy in his new home in Mountainside, N. J., made that much brighter by his recently arrived daughter.

J. C. Smith has been appointed an Account Executive at Young & Rubicam, Inc., New York.

All classmates are urged to send in information about themselves to the Secretary at 90-02 63rd Drive, Forest Hills, L. I., N. Y.

RICHARD MENDELSON

1954

Vincent M. Love has been transferred to the Conference Section in the office of the General Passenger Traffic Manager at the United States Lines Co., New York.

1955

Stuart Kase, who received his Master's degree from New York Medical College last June, is interning at Beth Israel Hospital in New York. He plans to go to Flower-Fifth Avenue Hospital for his residency in Surgery and Urology. He and his wife have been living at 200 East 36th St. since their California-Hawaii honeymoon.

Walter "Pete" Juergens reports that he is involved with outer space. Specifically, he is with the Perkin-Elmer Corp. of Norwalk, Conn. His responsibility is to "generate business" for the Engineering Department of the Electronics-Optical Division, concerned primarily with space projects and related activities. Pete received his M.B.A. from Harvard in 1957 and has completed a 21-month executive-training program with Raytheon. Pete and his wife and 17-month-old son are living at 16 Fairview Ave., Danbury, Conn., and would enjoy seeing classmates there.

Bill Kelley's novel, *Gemini*, is a best seller in San Francisco, Los Angeles, and Denver, and has been number 12 on the *New York Times* best seller list. As Doubleday's editor for 11 Western states, Bill spends a good deal of his time traveling to writers' conferences, speaking, and editing. However, he already is at work on his second novel. His recent radio appearances included a 30-minute interview with Oscar Levant.

William T. Baugh is with the Radio Corporation of America in Moorestown, N. J., an administrator in the transporta-

tion area. His home is in Morrisville, Pa., at 915 Overton Rd.

J. Philip O'Hara has moved from New England to Oak Park, Ill. (212 N. Lombard Ave.)

Stuart Erwin, Jr., of the CBS television staff in New York, has been working on the Ed Sullivan Show.

Paul Letiecq is with Nationwide Insurance, located in the Whippleville, N. Y. area. "We have purchased a place just south of Malone in the foothills of the northern Adirondacks and overlooking the Great Salmon River, the fourth best trout stream in the entire state. The only drawback is that this puts us on the wrong side of the mountains from our Brunonian associates."

Your correspondent is still flying Nep-tunes with Patrol Squadron 24, USN. We spent another six months in the Med this year and saw the usual fleet towns and wished the usual wish, that we could take a few months off and see the rest of Europe. Marilyn and I are living at 6219 Newport Ave., Norfolk. I see Jim Corbridge around the Air Station occasionally. Though instructing at the Air Intelligence School, he plans to leave the Navy next summer.

HERB MELENDY

1956

Joel Davis, Vice-President of Davis Publications, Inc., confirms that it has acquired from the Curtis Publishing Company all of the capital stock of Science & Mechanics Publishing Company, publisher of *Science and Mechanics* magazine and numerous handbooks. The magazine, a bi-monthly, covers practical developments in the field designated and the "do-it-yourself" interests of its readers. Thirty years old, it has a circulation of 537,000. Apparently the new property will take Joel to Chicago often.

Tom Kneeland was admitted to the Massachusetts Bar in November.

Alfred J. Gemma, who received his J.D. degree in June, is associated with the firm of Vicario, Lapolla, Cappalli & Sammartino, in Providence.

Barry W. Gray has been promoted to Assistant Secretary at the Hartford National Bank & Trust Co. Joining the bank in 1956, he served as a general administrative clerk in the Trust Accounting Department before transferring to the Trust Administrative Division.

The Rev. James R. Kelley is Chaplain at Mount Hermon and a member of its faculty. He is a graduate of the Andover-Newton Theological Seminary.

1957

2nd Lt. Albert Basse, Jr., who received an M.A.T. degree from Brown last June, is directing a regimental choir in Korea in addition to his major duties in running an officers' club. He wrote Prof. Arlan Coolidge that he hadn't yet mastered the Korea idiom in music.

First Lt. Larry Waterman, USAF, is with the Orientation Group, USAF, the official display unit, working as an Information Officer at Wright-Patterson AFB,

Ohio. He writes: "I returned recently from a 40-day leave in Europe. Highlight of the tour was Italy and Spain. Also saw a good portion of Germany and the French Riviera. In Madrid, I stayed with the same family with which I passed the summer of 1957 as an exchange student for the Experiment in International Living. Needless to say, it was a joyous reunion. I'll be leaving the service in March, and my plans are to go into business or Government work abroad, probably in Latin America or Spain."

Robert B. Grafton, formerly of Pittsburgh, now gets his mail in Arlington, Va. (1301 N. Ode St.)

1958

Pfc. Harold E. Canning graduated in November from the U.S. Army Language School, Monterey, Calif. A skilled Russian linguist, he left later in the month for Frankfurt, Germany, where he will be a translator and interpreter for the Army.

Neal B. Mitchell, Jr., Consultant in Structural Design, R.I.S.D., addressed the Southern Regional Conference of the Association of Collegiate Schools of Architecture at Clemson College in November. His topic was "An Approach to the Teaching of Structures for Architects."

Ens. Joseph J. Tebo, USN, has been commended personally by the Atlantic Fleet Mine Force Commander for his "out-standing" liaison work with foreign warships undergoing training through the Military Assistance Program. Cmdr. Donald C. Varian said: "Your personal interest in the training progress and material condition of these foreign ships has contributed materially to the local prosecution of the Military Assistance Program. It is a pleasure to observe such diligence and attentiveness to duty on the part of an officer of the Mine Force."

Donald R. Campbell, who received his Master's degree in Chemistry at Brown, is at the Spruance Plant of E. I. duPont de Nemours & Co., in Richmond, Va.

James F. Mello continues as a graduate student at Yale, specializing in Paleontology.

1959

Michael O. Megrudichian is a design and development engineer with Hazeltine Corp. on Long Island at Greenlawn, N. Y.

Naval Aviation Cadet Dennis F. Cubison made his first solo flight at Pensacola, in October.

Robert W. Topping and Henry J. Flynn '58 were graduated from the 25th Officer Candidate Course at the Marine Corps Schools, Quantico, in December.

Lewis C. Cady is attending Northwestern's Medill School of Journalism, "trying to soak up some theory and practice concerning the production of magazines and ads."

Carl M. Lieberman entered the Tufts University School of Medicine in September. He worked at the Blood Bank of the Worcester City Hospital during the summer.

Lincoln S. Beaumont, Jr., is attending the School of Advanced International Studies at Johns Hopkins University.

Bureau of Vital Statistics

MARRIAGES

1937—Harlan L. Paine, Jr., and Meredith Bauman, daughter of Mr. and Mrs. Elbridge G. Cann, Nov. 8, in Athens, Greece. Mailing address: American University Hospital, Beirut, Lebanon.

1946—Newton I. Meyers and Miss Rita Goldberg, daughter of Mrs. Sophie Goldberg of Beverly, Mass., Nov. 22.

1951—John E. D. Coffey, Jr., and Miss Denise L. Lyons, daughter of Mr. and Mrs. Henry F. Lyons of Brockton, Nov. 21. At home: 225 East 82nd St., New York City.

1952—Stephen C. Espo and Miss Ruth Ann Sidel, Nov. 22. The bride is Pembroke '59. Ushers were Irving Espo '38, Harlan Espo '48, and James Sidel '60. At home: Organ Hill Road, Poughkeepsie, N. Y.

1952—Conrad J. Kronholm, Jr., and Miss Louise Bailey, daughter of Mr. and Mrs. John M. Bailey of Hartford, Nov. 7. Thomas Landry '52 and Walter Crabtree, III, '51 were ushers. At home: 908 West Blvd., Hartford.

1953—Francis J. Brady, Jr., and Miss Zoe Ann Smith, daughter of Mr. and Mrs. Philip T. Smith of Ashtabula, O., Nov. 28. The groom's father is Francis J. Brady '16. Theodore J. Holmgren '48 was best man. At home: 17808 Lake Shore Blvd., Cleveland.

1955—Robert N. Forest and Miss Emilie C. Broberg, Nov. 28. At home: 126 Devonshire Dr., San Antonio, Tex.

1956—LT(j.g.) Charles Hodgate, Jr., USN, and Miss Donna J. Morey, Oct. 17.

1957—Ens. John P. Gould, USNR, and Miss Sandra A. Shaghalian, daughter of Mr. and Mrs. Arman M. Shaghalian of Warwick, Nov. 28. W. Peter Pemberton '55 and Karl Panthen '57 were among the ushers.

1958—Seymour B. Hall and Miss Daniele Potter, daughter of Mr. and Mrs. Daniel Potter of Sandwich, Mass., Nov. 27. At home: 12 May St., Glens Falls, N. Y.

1958—George D. F. Lamborn and Miss Betty B. Harris, daughter of Mr. and Mrs. Wilmot L. Harris of Wheeling, W. Va., Nov. 21. Edwin A. Cowen, Jr., '57 was best man. Kevit R. Cook '58, Allan G. Powning '57, and Reginald G. Morse '58 were the ushers. At home: 425 East 79th St., New York 21, N. Y.

1958—Ens. Robert B. Whelihan, USN, and Miss Helen T. Davis, daughter of Mrs. William Harcum of Blue Bell, Pa., and Edgar S. Davis of New Hope, Pa., Nov. 7. They are living in San Diego.

1959—David M. Merchant and Miss Brenda G. Sherman, daughter of Mr. and Mrs. Kenneth B. Sherman of Providence, Oct. 12. The groom's father is Mason B. Merchant '25.

1959—Donald R. Oasis and Miss Ellen Oppenheimer, daughter of Mr. and Mrs. Leonard J. Oppenheimer of Woodmere, L. I., Oct. 31.

BIRTHS

1938—To Mr. and Mrs. Charles C. Cain, 3rd, of Detroit, their sixth child and third daughter, Laura Lee, Sept. 5.

1939—To Mr. and Mrs. Herbert L. Rosen of Pawtucket, a son, Max Paul, Oct. 30.

1943—To Mr. and Mrs. E. Cranston Macdonald of New York City, a son, Scott Thurston, Nov. 12.

1943—To Mr. and Mrs. Warren S. Prebluda of Elizabeth, N. J., their second child and second daughter, Susan Beth, Nov. 2.

1944—To Judge and Mrs. Clement McCarthy of Pelham, N. J., their first child, a son, Clement Andrew, Dec. 3.

1949—To Mr. and Mrs. Joseph P. Agronick of Evanston, Ill., their first child, James Peter, on July 9.

1950—To Mr. and Mrs. Henry L. Barker, II, of La Grange, Ill., their fourth child and second son, Kenneth Linwood, Dec. 1.

1950—To Mr. and Mrs. Robert Barrenegos of Riverdale, N. Y., their second child and second daughter, Lisa Hope, Dec. 11.

1950—To Mr. and Mrs. Charles R.

Bragg of Wellesley, Mass., their fourth child and second son, David, Dec. 3.

1951—To Mr. and Mrs. Harlan A. Bartlett of New Kensington, Pa., their third child and first son, Harlan Wood, June 18.

1951—To Mr. and Mrs. Norman Glazer of Newton Center, Mass., their second child and first daughter, Shari Ellen, Apr. 3.

1952—To Mr. and Mrs. Philip L. Moss, Jr., of Cleveland, their second child and first son, Philip Lawrence, III, Nov. 28.

1952—To Mr. and Mrs. Theodore B. Selover, Jr., of Shaker Heights, O., their second child, Jonathan David, Nov. 30.

1953—To Mr. and Mrs. Philip S. Hayes of Raymond, Wash., their first child, a daughter, Alice Woodson, Oct. 7.

1953—To Mr. and Mrs. Frank W. Krohn of Fenton, Mich., a son, Stephen William, May 29.

1954—To Mr. and Mrs. Paul B. Taylor of Providence, their first child, a daughter, Andrea, June 1.

1956—To Mr. and Mrs. J. Kenneth Golder of Clifton, N. J., a son, Glenn Kenneth, Nov. 1.

1956—To Mr. and Mrs. Richard J. Vesely of Havertown, Pa., their second daughter, Lynda Ann, Oct. 17.

1957—To LT(j.g.) D. Jay Edwards, USN, and Mrs. Edwards of Arlington, Va., a son, Daniel Jay, Jr., May 4.

1959—To Mr. and Mrs. Mark A. Moynahan of Glen Burnie, Md., a daughter, Kimberly, Dec. 7.

In Memoriam

HERBERT FORREST GOULD '92 in West Hartford, Conn., Oct. 15. He had been a builder and lumber dealer in the Worcester, Mass., area. Theta Delta Chi. His widow is Blanche H. Gould, 26 Knollwood Road, West Hartford.

GEORGE WHEATON HARRINGTON '98 in Providence, Nov. 30, after a short illness. He had been President of the Howard Realty Company since 1938, succeeding his father in that position. It was his company that built the new Howard Building, the fourth of that name, in downtown Providence. In the early part of the century, he lived for a number of years in Boston. He devoted much of his time to writing on poetical and literary subjects. Delta Kappa Epsilon. His son is Carroll Harrington, 200 Grotto Ave., Providence.

HARRY CURTIS HULL '98 in Millbury, Mass., Nov. 9. He was Vice-President and Treasurer of the wool merchandising firm of Samuel E. Hull in Millbury. His business associate was his brother, Edward F. Hull '98, Beta Theta Pi. His widow is Helena P. Hull, 5 Grove St., Millbury.

JOHN IRVING STUBBERT '99 in North Scituate, R. I., Dec. 5. He was for 31 years line and signal supervisor of the United Electric Railways Co. in Providence, retiring in 1931. He served in the Spanish-American War at the turn of the century. He was Treasurer of the North Scituate Fire Department for 26 years, 1928-54, and President of the Town Council from 1936 to 1941. Psi Upsilon. His widow is Gertrude S. Stubbert, Greenville Road, North Scituate.

STEPHEN ALBERT LOWE '05 in Pawtucket, Dec. 2. He was with the New Haven Railroad for many years. Theta Delta Chi. His widow is Elsie S. Lowe, 492 Walcott St., Pawtucket.

FRANK HAMMETT CHILDS '06 in New Bedford, Nov. 23. He had been a Supervisor for the Goodyear Tire & Rubber Co. in New Bedford for several years. Other associations had been with the New Bedford Savings Bank in its real estate department and with the New Bedford Fish Co. as Manager. Theta Delta Chi. His widow is Mable C. Childs, 22 Jenney Lind St., New Bedford.

JOHN MORTON FERRIER '06 in Providence, Dec. 8, after a long illness. President and Treasurer of the Ferrier Land Co., he had specialized in developing suburban housing projects, his vocation since 1912. Prominent in Republican politics, he had been Chairman of his Ward Committee, a Providence School Committee member for 7 years, 1911-18, and a member of the Providence City Council; he served a term in the House of Representatives. A 32nd degree Mason, he held memberships in numerous Masonic organizations. He was a President of the Providence Real Estate Exchange and a member of the Providence Charter Commission, a group which revised the city's charter some 20 years ago. Before coming to Brown, he attended the Christian Biblical Institute, Stamfordville, N. Y., and the Starkey Seminary, Lakemont, N. Y. He held a Bachelor of Divinity degree and was an ordained minister of the Christian Denomination, Protestant Church. He was a Director of the Providence Rotary Club and the British Empire Club, a Trustee of Lakemont Academy, N. Y., and a Director of the Francis Asbury Palmer Fund of New York, a fund for the support of educational institutions. Mrs. Ferrier died within a month of her husband. Their son is J. Morton Ferrier, Jr., '33 of 122 Hoyt Ave., Rumford, R. I.

CRAWFORD MARTIN JAMES '09 in Kansas City, Mo., Oct. 26. He had owned and operated the James & Son China Co. in Kansas City. He was a veteran of World War I. Phi Delta Theta.

WELLINGTON LEROY JENCKS '12 in Harwich Port, Mass., Aug. 9. Since 1950 he had owned and managed the Lincoln Lodge, Harwich Port. In earlier years he had been with Brown & Sharpe Manufacturing Co.'s sales department, with the Park & Pollard Co. in Boston, and with D. H. Grandin Milling Co., Jamestown, N. Y., as Sales Promotion Manager. Phi Gamma Delta. His daughter is Mrs. Alden Clayton, 56 Bouton Rd., Springdale, Conn.

ROBERT JOHN DANIELS '16 in East Providence, Dec. 7. He was general storekeeper for the New England Power & Service Co., Boston, for 43 years, retiring last May. For several years in the 1920's he had taught and been Principal at Barrington Evening School, Alpha Tau Omega. His brother is Frederick I. Daniels '23, 210 Clinton Ave., Brooklyn 5, N. Y.

ROGER FALES HORTON '23 in New York City, Dec. 9. He had been an Engineer and Technical Consultant for Eastern Airlines. A member of the Society of Automotive Engineers, he was credited with the designing and developing of the first successful high speed, high pressure hydraulic pump for aircraft. He had been active in Masonic

groups in Miami. Delta Phi. His widow is Elizabeth H. Horton, 518 Almeida Ave., Coral Gables, Fla.

HOWARD BERTRAM HANSON '29 in Lynn, Mass., Sept. 15. He was a Civil Engineer for the City of Lynn. His brother is Albert V. Hanson, 50 Pomeroy Ave., Pittsfield, Mass.

DR. ERNEST AUGUST MEUSER '36 in Brandon, Vt., Dec. 9. For many years a Pawtucket dental surgeon, he had moved his offices to Brandon in July. He graduated from Harvard Dental School in 1939, and interned at Peter Bent Brigham Hospital, Boston. Sigma Chi. His widow is Marion C. Meuser, 42 Park St., Brandon.

HOBART ANSEL WRIGHT '36 in Presque Isle, Me., Oct. 25. He had been a salesman for E. T. Wright Co.,

Rockland, Mass. Phi Gamma Delta. His widow is Pearl M. Wright, 93 Canterbury St., Presque Isle.

DR. CHARLES ROBERT JACOBSON '50 in Plainville, N. J., Nov. 9. He was Director of Chemical Research at Knoll Pharmaceutical Co., Orange, N. J. He received an M.S. and Ph.D. from Lehigh University in 1952 and 1954, respectively. Sigma Xi. His widow is Annie T. Jacobson, 2005 W. Broad St., Westfield, N. J.

LT. PAUL JOSEPH KERRIGAN, USN, '57 in Balboa, Calif., Nov. 19, of injuries resulting from an automobile accident. In December, 1954, he enlisted in the Navy, and graduated from the Naval Pre-Flight School, Pensacola, Fla., in 1956. He was a flight instructor at Corry Field, Pensacola, before going to California in September of last year.

Neighbor and Trustee

ROBERT HALE IVES GODDARD, said one of the honorary degree citations for a Brown LL.D. last June, "for two decades you have served Brown with aid and counsel as your family has served this University since its very birth and indeed before its conception. Your love for ancient beauty is reinforced by a thorough understanding of the tradition which produced it, and vitalized by your clean grasp of the present and future needs of our society. Above all, your integrity in public and private affairs provides us all with an example of happy rectitude which is a living sermon."

The University flag flew at half-mast on Nov. 20, for R. H. I. Goddard had died the night before. It was ironic that on that same evening his son and namesake had presided over a victory meeting of the United Fund in Providence, having been Chairman for its campaign that raised an over-quota \$2,214,000.

Mr. Goddard had been more than an interested neighbor of the University. A Trustee since 1946, he had current appointment to the Advisory and Executive Committee of the Brown Corporation; he was also an active member of the Investment Committee. His home was the historic Thomas Poynton Ives mansion at 66 Power St., on the corner of Brown St. opposite the President's House. In his will, Colonel Goddard specified that the Ives House remain a residence during the lifetime for his widow and his son. Thereafter, the house would become the property of the University, with the hope expressed that Brown would preserve the 1806 structure and open some of the rooms for housing guests of the University.

Goddard was 27 when he became a

partner in the firm of Brown and Ives, established in 1791 as a partnership by Thomas Poynton Ives, his great-grandfather, and Nicholas Brown, Jr. The former was a Brown Trustee from 1793 to 1835; the latter, a graduate in 1786, was the University Treasurer whose benefactions led to the change of the name of Rhode Island College to Brown University.

Headquarters of Brown and Ives and other interests related to the Goddard enterprises was the notable Colonial building, 50 South Main Street, held by the Counting House Corporation until its transfer to Brown University some years ago. There were other Brown University connections, too: His grandfather, William Giles Goddard, was a famous Professor in the 19th century. Another William Goddard, a graduate in 1846, was Chancellor from 1888 to 1907 and is commemorated by the gates near Rhode Island Hall.

Mr. Goddard's extensive interests in the textile business included important positions in Goddard Brothers, cotton agents closely associated with Brown and Ives. He was an officer or director of more than 20 companies and corporations, railroads, utilities, banks, insurance firms, and land development interests.

"Although he was shy, he was never aloof," said the *Providence Journal*, "and there have been numerous testimonies to his kindness, impeccable manners, and personal modesty. He was born to a high position in life, but he seemed constantly aware of the responsibilities that position entailed." He had been Senior Warden of St. Stephen's Church, where his funeral was held.

