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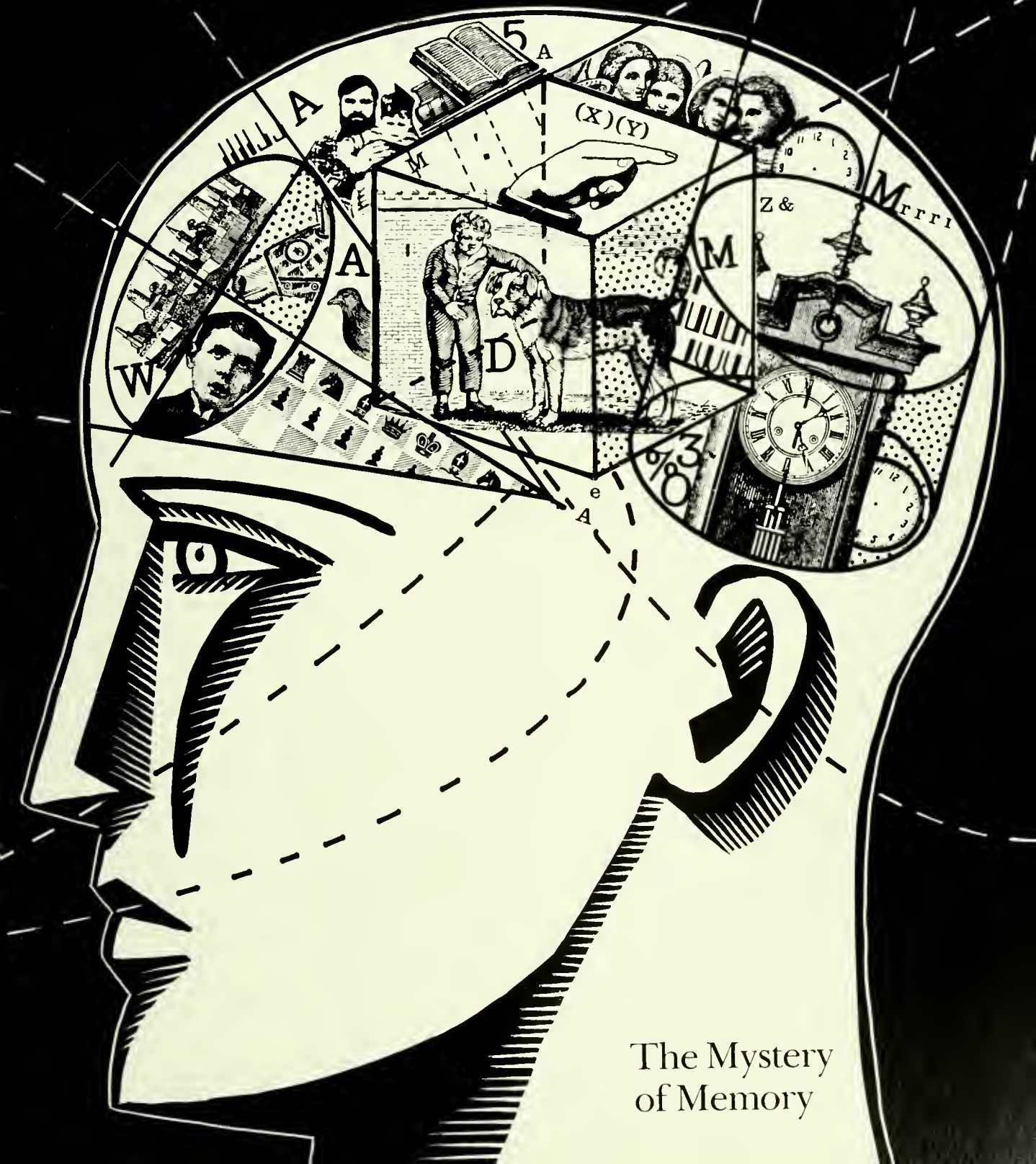

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FEBRUARY 1986
Volume 86, No. 5

BROWN

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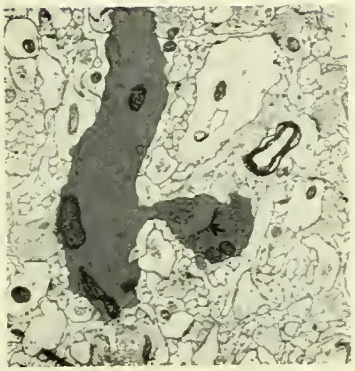

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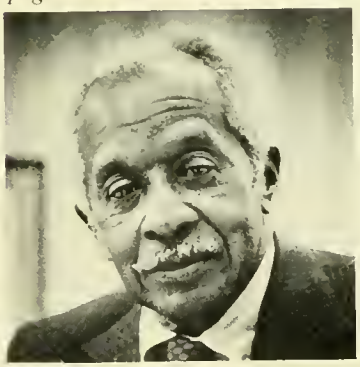

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Cover illustration by Anthony Russo

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Andrew Wendel '84

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A hero remembered

Editor: A portion of "Where Have the Heroes Gone?" in your October issue was of particular interest to me. On May 2, 1952, three U.S. Marine fighter pilots were recalled to active duty by the Corps. Ted Williams, Ray Sisk, and myself joined together in Ted's Ford car at 11 a.m. to drive from Boston to Willow Grove, Pennsylvania, for a thirty-day refresher course to polish our rusty flying skills to prepare us for duty in the Korean conflict. He had just been presented with a new Cadillac at Fenway but opted to drive his Ford to avoid the appearance of being a "showboat," as he called it.

We arrived at the entrance gate of the Willow Grove Air Station at about 5 p.m. Some eight to ten reporters greeted him with verbal abuse it is hard to imagine. Our military orders called for us to report prior to midnight on that date and we were about seven hours early. It seems that they had been assigned by their editors to be waiting at the gate for him at 8 a.m. and had consequently built up a full day of animosity toward him. Their interviewing consisted primarily of the question, "What has been your greatest thrill in baseball?" He replied patiently that his two home runs in the All-Star game in Detroit had been his greatest thrill up to that point in time. Then three or four reporters bombarded him with questions such as, "How about the time you did 'such and such'? Wasn't that a greater thrill for you?" Finally, his patience exhausted, he exclaimed, "I've told you three times now. Can't you guys understand English?" They gave him a very uncomplimentary writeup in the Philadelphia papers the next morning. Isn't it understandable that all three of us were not too happy at being recalled at the age of thirty-three with family left behind and careers interrupted?

After "checking in," Ted invited Ray and me to leave the base and join him for dinner at a nice steak house near Doylestown. He insisted on picking up the check. After dinner we took a stroll around Doylestown. He stopped to talk with every cop we passed. He downed two large vanilla milk shakes and kidded with the clerk. And that after a big steak dinner! We visited a hardware store where he looked over all their fishing gear and photography equipment. Then a surprise. He spotted a key-making machine and ordered duplicates of his car keys. Tossing them to us he said, "Anytime you guys see my car in the parking lot and not being used, just go ahead and use it like it was your own."

Over the next thirty days he kept inviting Ray and me to join him for dinner off the base. Probably nine or ten times. He always picked up the check. He wasn't too fond of the bill of fare offered on the base. One evening he left the table during dinner to phone his wife in Florida to come up to Willow Grove for a week or two. While he was away from the table, Ray and I paid the check for that meal. When he returned

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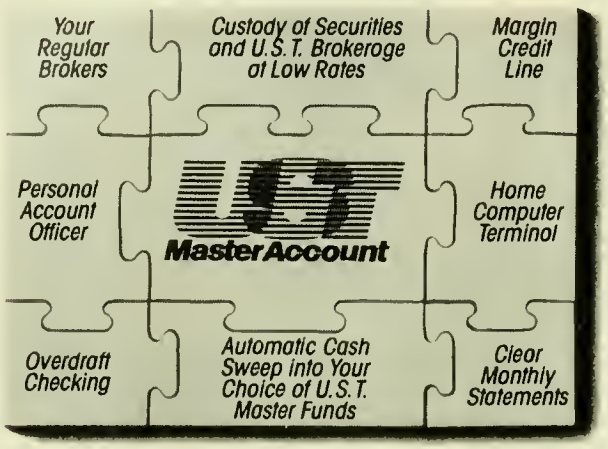

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and learned that we had paid the check, he was actually quite upset!

His exploits are well documented. His pride in himself was monumental as shown when he insisted on playing a doubleheader on the last day of the season sure of the .400 mark if he sat out, but going six for eight and winding up with .406! That's character—and what makes heroes. And what records he would have achieved had he not had to miss playing almost five full seasons due to military service during the prime years of his athletic career.

There is no argument that he was a controversial person. If he initiated a conversation with you, he was great, but if you pushed too aggressively to start one with him, he could be mighty chilly.

He loved his wife at that time and adored his daughter, Bobbie Jo. He was a strong, well-coordinated, and skilled pilot. He had a few faults, I'm sure, like most of us humans. Just don't tell me anything detrimental about Ted's friendliness or generosity. That would upset me.

ROBERT L. SCOWCROFT '39
Palm Harbor, Fla.

Plenty to be mad about

Editor: I am so very glad to read that Prof. Philip Bray is mad (*BAM*, October). I was confused for a moment when I failed to read that Phil Bray was also mad at the Soviet Union for its brutal suppression of the Afghan people; that Phil Bray was also mad at the repression of Jews in Russia; that Phil Bray was also mad at the Soviet-supported North Vietnamese for their butcherous occupation of Cambodia; that Phil Bray was also mad at the North Vietnamese for their use of chemical agents on the hill tribespeople of Laos; that Phil Bray was also mad at the North Vietnamese for their continued use of reeducation camps to break or eliminate former South Vietnamese officers; or that Phil Bray was also mad at the tragic loss of life of thousands of South Vietnamese who were fleeing the "liberators" that Phil Bray and associates so fervently supported.

If Phil Bray's mind was changed by Ripple wine and sleeping on the sidewalk in sleeping bags in San Francisco, then equal time with C-rations in the mountains north of Khe Sahn should have been considered. If Phil Bray's abhorrence of injustice was engaged when protestors were beaten by drunken soldiers, then his abhorrence would have been highly engaged when he saw how the buddies of those same

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soldiers were brutalized in Viet Cong and North Vietnamese prisons.

As it relates to NROTC, Phil Bray, in 1972, had an opportunity to stand firm (for once) for a decent, historic, and honorable military program at Brown—the NROTC. This program could have provided freedom of choice for many graduates; provided financial aid to hundreds of middle-class students who could not attend Brown without help; and would have given the nation a cadre of officers with a broader sense of history and a different set of values.

So stay mad, Phil Bray—you still have a lot of ground to cover.

ANDREW E. ANDERSEN '53
Lt. Col., USMC (Ret.)
Jacksonville, Fla.

Avoiding the issues?

Editor: I suppose that Prof. Newell M. Stultz had something of value to convey in his article on South Africa ("A Decline in American Influence," October *BAM*), but I confess that whatever it was, it passed me by. On the one hand, the professor finds reason for optimism in such positive events as Prime Minister Botha articulating some alleged commitment to "reform"; the opening up of universities to some blacks, and the repeal of anti-miscegenation laws. On the other hand, he admits that the same Mr. Botha insists on the racial basis of the organization of a future state; only several dozen individuals in the ruling circles of South Africa are engaged in "reform," and most of the three million whites are spectators in this process. Professor Stultz then concludes with two paragraphs I can make no sense of at all, except to note that American influence is not increasing in this country.

This article manages to miss or avoid every important issue in the struggle for freedom in South Africa and America's response to this struggle. Just what is President Reagan's policy of "constructive engagement," aside from the President's typical use of this soothing verbiage? What is America's economic stake in South Africa, and what role is that playing in American foreign policy? Why wouldn't economic sanctions be effective? Why does Professor Stultz appear to endorse the fight for reform and yet support Reagan's approach, which has been condemned by every major civil rights and human rights group in this country, including the Congress?

While South African officials (and

perhaps Professor Stultz) might deplore America's "moral agenda" being "manipulated" by college students and celebrated personalities willing to court symbolic arrest, at least some of us have a moral agenda. Professor Stultz and President Reagan have "constructive engagement," a morally bankrupt policy which is understandably hastening the decline of America's influence.

RICHARD B. BLAZAR '70
Newton Centre, Mass.

Civil rights for gays

Editor: I would appreciate the opportunity of responding to Leo Setian's letter [about the GALA ad in the *BAM*] that appeared in the November issue of the *BAM*.

Although bigotry has existed for millennia, and its practice frequently sanctioned by the mores of a particular society, by logical extension of Mr. Setian's argument that does not make it right. Being a member of a minority group, I have had many occasions to wonder about the nature of prejudice. Is it a form of intellectual laziness or false superiority that makes the bigot unable or unwilling to consider the new or the different?

In the case of whether gayness is right or wrong, I would like to pose two questions. The first is what harm would come to the Brown campus if a strong statement supporting human rights for gays was issued by the University? Would a latent hysteria sweep over the campus, separating the males and females of Brown into antithetical homoerotic camps? Would Pembroke be reborn as a modern isle of Lesbos while Brown regrouped into the new Sparta, starting a trend that would spread to Harvard, Yale, and later the state schools? Ludicrous as it sounds, this is the sort of paranoid thinking induced by bigotry. I remind readers of *BAM* of

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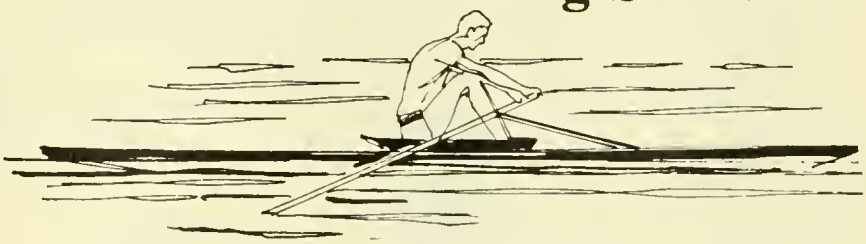

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theories of racial degeneration and others of like ilk.

My second question then is why doesn't the University issue a statement on rights for gays? My feeling is that in fact a number of the Brown community have succumbed to bigotry on this issue. Beyond that, I sense a shameful and dangerous waffling on an important civil rights issue.

Civil rights can be guaranteed to all groups—racial, ethnic, religious, gender, and sexual preference—only by active support of these rights. You may not be gay but your liberty is at stake. You not only have the right to defend your liberty, if you wish to keep it you have the obligation. Clearly the "right" thing to do is issue a statement of civil and human rights which covers all members of the Brown community.

TOM LITTLER '72
Brooklyn, N.Y.

Brown's official non-discrimination statement is this: "Brown University does not discriminate on the basis of sex, race, color, handicap, status as a veteran, national or ethnic origin in administration of its educational policies, admission policies, scholarship or loan programs, or other school-administered programs. The University also affirms that judgments about admissions, education, and employment at Brown are based on merit, qualifications, and performance, and not on personal attributes or convictions unrelated to academic or job performances."

Coincidence

Editor: The recent hot spots in the Mediterranean that have been in the news such as Tunis, the airfield near Catania, Sicily, and the port of Dubrovnik, Yugoslavia, were strangely and coincidentally part of the itinerary of a Brown Travellers study-holiday group who went to Italy this past July. Professor Tony Molho and his wife, Professor Lynn Gunzberg, shepherded a group of about thirty-five alumni through Florence and then on a cruise boat while we were their protégés on a Renaissance art course.

We arrived shortly after the flap about TWA flight 846 and then during this fall, after our return, the bizarre episode of the *Achille Lauro* cruise ship hijacking leapt into the news. The very places we had visited as a Brown group above-mentioned had now become places of international concern. When we visited Carthage near Tunis little did we realize that Yassir Arafat and PLO headquarters was close by and later to be the subject of an Israeli air

strike. Our visit to Sicily had brought us to Siracusa and the ancient ruins close to the landing field where the Egyptian plane was later forced down by our Air Force. The aircraft carrier operating in the area and from which these American planes were based later docked at Dubrovnik with its sailors having leave in that port city.

I am not hypothesizing that any Brown Alumni Travellers' group would encounter this self-same happening, but I am compelled to report that this was a truly unusual juxtaposed sequence of events.

Beyond all of this, something really unique and worthwhile derived from the trip. By way of a still inexplicable continuity after our summer study-holiday, the group has continued to be in communication and strong friendships have arisen amongst them. We had a reunion on homecoming weekend in October at the Brown-Cornell game —albeit the rainstorm. Dinner on Federal Hill and a social gathering at Tony Molho's new home highlighted the day.

It was almost as if this 1985 event was not only a Renaissance art course, but rather a Renaissance return of Brown alumni which could not be denied and which somehow cut across the spread of our graduation years.

ALLAN GREEN '49
Boston

A third option

Editor: Chet Worthington was editor when last I wrote to *BAM*, but the recent Susanne Boehm letter (*BAM*, October) is too provocative to be passed by with only a nod. On one issue I agree with her: Most members of the older generations in our country have (naïvely?) swallowed the well-managed propaganda of the party in power here. Otherwise Mr. Reagan would not have been re-elected so easily. And of course propaganda (slanted disinformation) was used to sell the conservative program. That's the way of politics as I see it. Nothing much to worry about. Just shrug and disbelieve.

However, her implication that the rest of the "First World" of Western peoples has also complaisantly swallowed the conservative propaganda —that I emphatically reject. Here's why (one example): The older Europeans

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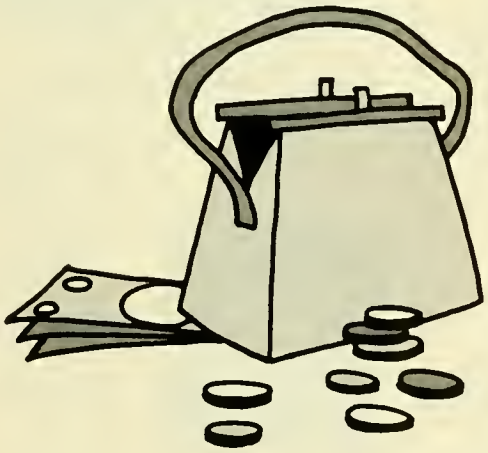

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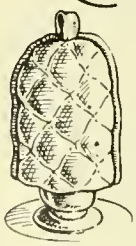

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can hardly have forgotten what life became in the shadow of an effective orator eager to give orders to invade a few unthreatening neighbors; and evidently most Europeans, old *and* young, today want no part of that kind of program. I say "evidently" because just since November 1980, while the world has been treated to the spectacles of Grenada, Nicaragua, El Salvador, and official U.S. military oratory, four Western European nations have swung to the left. Away from U.S. policies. France, Spain, Greece, and Sweden. All of them turned not toward communism but toward the social democrats, a group feared as much by the Russians as by the U.S. conservatives. Ask the Poles, the Czechs, the Hungarians about that fear; and also the people of Chile, Central America, and several other Latin American regions. The political struggle for the minds of mankind is plainly a three-sided not a two-sided affair.

Oh sure, our conservatives do all they can to keep the world's voters from seeing and understanding this triangularity. In fact, denying its existence is a prime element in U.S. military and demote-the-general-welfare propaganda, which has been so successful among naïve and prosperous old-timers in this country. But overseas our prestige and economic strength continue to shrink. Likewise the Russians'. Only the third leg of the world triangle, the social-democrat-labor-anti-war leg, appears to be growing. In New Zealand it recently ousted the conservative government. In Australia it did the same. In Norway its expanding party missed victory by only a hair's breadth. And there are others waiting with church leaders for their turn. All of which, you may be sure, constitute no swallowing of conservative propaganda but rather a string of disasters for our hawks and their public relations machines. And equally so for the Russians and theirs. As if to show along with Vietnam that wars and rumors of wars have at last become counter-productive.

Maybe we will escape nuclear annihilation after all.

EDWARD BARROWS '23
Monmouth, Oreg.

King Hussein

Editor: Bravo to David J. Cullen, M.D., and Barbara L. Cullen for their letter, "Protesting King Hussein," in the October issue. It inspired me to send the enclosed letter (which I hope you will print) to *The Raleigh News and Observer*:

"King Hussein Ibn Talal Ibn Abdullah has been much in the news lately and has also received invaluable expo-

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sure on television. The liberal press, including, of course, *The Raleigh News and Observer*, has heaped encomia upon this semi-autocratic ruler of Jordan and portrayed him as a peace-loving 'moderate,' whereas you have assiduously criticized Israel, with whom Jordan is still technically at war, because it was intransigent and refused to give up its ancient capital, Jerusalem, and the rest of the so-called West Bank which Jordan lost in a war in 1967 after having occupied it by a war in 1948.

"However, this same Hussein, who now professes to be a friend of Yassir Arafat, leader of the PLO, expelled the PLO from Jordan in 1970, *after massacring some 10,000 of its members* (it then moved into Lebanon and has been causing trouble there since then), because Arafat tried to overthrow his throne. This is about twelve times the number of all the fatalities in the last fourteen months of rioting in South Africa (upon which you bestow opprobrium) much of which has been intraracial, and to some extent encouraged, if not actually instigated, by the foreign news media, especially television.

"Furthermore, Hussein practices exclusionary citizenship in his domain, no better than the apartheid in South Africa which you claim to abhor. Jordan grants full rights to 'Palestinian' Arabs, *but denies any rights, including the possibility of citizenship, to Jews*, although Israel, on the other hand, grants all peoples, Jews, Christians, and Arabs, full citizenship rights, including the right to be elected to its parliament."

ARTHUR KAPLAN '29
Raleigh, N.C.

'Emotional outburst'

Editor: I want to congratulate Vice President Robert A. Reichley for writing such a sensible and enlightened response to Dr. David and Mrs. Barbara Cullen's vitriolic letter to the editor (*BAM*, October).

I was saddened by the Cullens' emotional outburst, which failed to recognize the importance of Brown as an open forum, an intellectual agora, for international opinions and disci-

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plined discussion.

I feel we must zealously guard our University from such narrow-mindedness as the Cullens', and to that end, I pledge to the University both contributions of my time and money which I hope will more than make up for whatever "remuneration" the Cullens wish to withhold.

Perhaps the Cullens' misunderstanding of the mission of Brown is due to their never having attended our University. A pity. I trust their daughter is better informed.

JOHN M. BOUDA '77
Asheville, N.C.

The word from Charlie

Editor: During the Cold War with Joseph Stalin I served as a flight surgeon for the Strategic Air Command. Most of us who served in that era have passed away or retired, but one of us, a little old fellow named Charlie, still works at the Pentagon in the Planning and Strategy division. Recently I dropped in to see Charlie and expressed my concern about Brown University. The faculty has protested President Reagan's strong defense policy and militant stands against overt communist aggression by barring the ROTC from Brown. In letters to the editor some students and alumni have been critical of the ROTC, the CIA, and the American soldier. One group of students interfered with a CIA recruiting agent in his line of duty as approved by the Brown Administration.

Charlie replied, "Now Bob, you must realize that under the concepts of academic freedom, academic tenure, the First Amendment, and the right to civil disobedience, all of these actions by Brown men represent the American way." "Charlie," I replied, "you are absolutely right.

"By the way, Charlie. What are those big red crayon marks that you are making on the right side of your map?" "Oh," said Charlie, "Those just mean that in World War III we will not be defending Rhode Island."

ROBERT V. HOFFMAN, M.D. '43
Chillicothe, Ohio

Clarification

Editor: In the October issue of the *BAM* in the class notes section for 1938 it is written that I am publishing a book later this year entitled *On Uniting of Yeats' Translations of Oedipus the King*. It is possible that my bad handwriting is responsible for this error, "uniting" being used instead of "writing." At any rate, the correct title now is *The Writing of Sophocles' King Oedipus*.

The real reason, however, for writing this letter is to say that the book is written with Professor Davor Clark, who recently retired from the University of Massachusetts.

JAMES BRADY MCGUIRE '38
Wilbraham, Mass.

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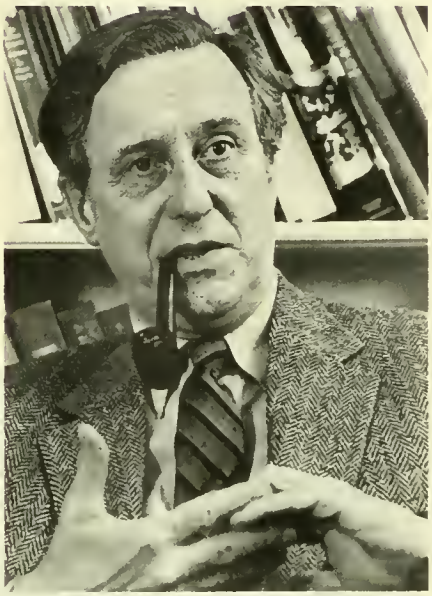
For undergraduates, Brown is now a summer place, too

Reginald Archambault '52 thinks about summer year-round. It's not just because such thoughts help blunt the chill reality of a New England winter. In addition to being a professor of education, Archambault is dean of summer studies, in charge of all academic programs and conferences offered by Brown during the summer. That role alters the emphases of his academic calendar, and it assumed increased importance with the addition last year of Brown's first full-fledged undergraduate summer session.

Brown's faculty actually approved a summer session in the spring of 1984, but because there was little time to publicize the program, enrollments were low and the inaugural courses were postponed until 1985. Last summer 178 students, 163 of them from Brown, enrolled in nineteen courses for full academic credit.

"The summer session is predominantly designed for Brown students," Archambault explains, "although this year we would like to have about 15 percent of our enrollment from other colleges." Non-Brown undergraduates must apply formally for admission and are screened by a member of the admission staff. Archambault stresses that Brown's summer session is unlike those offered by other universities, such as Harvard, where the emphasis is on enrollment by outside students and there are no admission standards.

Neither is the new summer session a portent of year-round academic operations at Brown, such as Dartmouth's "trimester" system. Instead, the Summer Session's curriculum is an alternative to academic-year studies. To be approved by the Faculty's Educational Policy Committee, summer courses must fall into certain categories: those that can be taught better in the summer (a course requiring field trips, for instance), those that are oversubscribed



JOHN TORASIE

Reginald Archambault: Ready for summer students

during the academic year, and innovative or experimental courses.

In addition, Archambault points out, the Summer Session helps Brown make better use of its physical plant, much of which lies fallow from Memorial Day until early September. "Also, we are providing an employment opportunity for faculty," he says. All of the courses in the summer session have been taught by regular Brown faculty, graduate students, and visiting faculty. They are paid one-ninth of their annual salary for each summer course.

Particularly exciting are the novel subjects and teaching techniques made possible by the Summer Session's smaller classes and emphasis on innovation. This year Brown will once again offer the very popular "Summer Program in Paris," a three-credit experience abroad that includes a course in French language, one in literature and semiotics, and one in drawing, utilizing French museums. Archambault hopes to add overseas programs in Greece and England this summer.

Closer to home, other summer courses are equally innovative. In Adjunct Associate Professor of Urban Studies Melvin Feldman's course on waterfront planning, students cruise the Providence waterways in Feldman's own boat. Patrick Malone, lecturer in American civilization, is known for his course on popular American culture. This year he is teaching a summer course on a subset of that topic that particularly intrigues him: the automobile in American civilization. "He has always wanted to give a course like that," Archambault says of Malone. After a test drive in the summer, the course could become part of the academic-year curriculum.

"The faculty who taught last summer liked the classes very much," says Archambault, who recently finished helping an EPC subcommittee do a thorough review of the Summer Session's inaugural year. "They found the students were less distracted and had a very professional attitude. Classes are small, so there is much more discussion. [Professor of Art] Kermit Champa's introductory course on the history of art, for example, usually has 300 students, but last summer there were fourteen." Professor of Engineering Barrett Hazeltine's course on the management of industrial organizations (the fabled "Engine 9") ordinarily enrolls upwards of 500 students, but he taught a cozier version to fourteen summer students in 1985. "Professor Hazeltine *and* the students were very enthusiastic," Archambault reports.

"The intensity and frequency of meetings is advantageous particularly in the languages," he adds. "Students in Professor Sam Driver's double-credit Russian course felt they had completed a year's work in six weeks." Courses meet seven hours a week, and students may take no more than two per summer because of the heavy work load. This year, the session's duration will be increased from six to seven weeks to ease what was viewed as a highly-pressured final exam period.

When the Summer Session was first proposed, a few students and faculty expressed concern that the pro-

gram might discriminate against students with substantial financial-aid needs. Reduced administrative costs in the summer months mean that students pay course fees that are nearly half what is charged during the academic year. Those who can already afford a Brown education and thus need not find fulltime summer employment, some skeptics suggested, are more able to take advantage of the cheaper summer courses than their less-moneyed classmates.

"That has not been a widespread complaint," Archambault replies, "and furthermore, I don't buy that argument. First of all, there is financial aid available for the Summer Session. In addition, there will be a long-term saving if a student graduates a half-year early and gets into the job market." Financial aid is provided directly from the summer-session budget and has no effect on financial aid funds for the regular academic year. The entire summer program, in fact, is financially self-sustaining.

Archambault says he and President Howard Swearer were encouraged to develop the Summer Session partially because of the success of Brown's Summer Academy for talented high school students (*BAM*, September 1983). Brown had been comparatively slow in developing summer academic programs, Archambault notes. "But the Summer Academy is five years old now, and it has been very succesful," he says. "The president became interested in extending similar opportunities for summer study to Brown's undergraduates.

"The program is really designed to foster educational innovation," Archambault says, "and to assist the academic departments in meeting their needs. The concept is so new here, we're just scratching the surface of what can be done. The departments are just beginning to be aware of the potential for solving curriculum problems with summer courses." It is still early for the summer-session staff to feel confident about predicting what courses will catch on. Last year fourteen of thirty-three courses were dropped because of low enrollments. Archambault hopes for a minimum of fifteen students in each course this year, although some are assumed in advance to be small classes. "In Conversational Chinese, for instance, we may have four or five students."

This year's Summer Session will run from June 16 through July 29, giving both faculty and students the month of August off. Archambault and his staff, however, expect this August to be as hectic as last year's, because of all the tying-together of loose ends that goes on. After that, with summer nearing an end, they will begin planning the Summer Session of 1987, ensuring a fall, winter, and spring filled with thoughts of warmer days. *A.D.*

Women in charge in 15 student groups, including UCS, BDH

Erica Tachera '87, newly-elected president of the Undergraduate Council of Students, thumped on the table to start the second meeting of her administration. Throughout the two-hour session, she insisted members ask serious questions regarding a motion, kept debates pertinent, and suggested that a giggling member leave the room to gain composure.

JOHN FORASTE

JOHN FORASTE

BDH editor Zuckman (above), UCS president Tachera (top).

Two weeks later, Marci Feinstein '87, the UCS's coordinator of campus life, praised Tachera's no-nonsense style. "We seem to get a lot more accomplished at meetings now. Erica is succinct and organized."

The same October evening that Tachera was running the UCS meeting, Jill Zuckman '87, then associate news editor of the *Brown Daily Herald*, discussed story ideas with Jonathan Karp '86, editor-in-chief. It was three weeks before her official appointment as Karp's successor, but Zuckman was concerned with her immediate tasks.

"It's been clear for at least three semesters that Jill was the heir apparent," Karp said later. "She's known since last April, but she never stopped working. Her judgment is excellent. She knows when to be tough, and she manages to tell people exactly what she expects of them without causing any kind of malice."

Tachera, the first woman to be elected UCS president since 1978, and Zuckman, the first female *BDH* editor since 1975 (and only the third in the paper's ninety-three-year history), are just two women leaders on a campus

where a new "old-girls' network" is running the extra-curricular show. More than fifteen organizations have female presidents, including Brown Community Outreach, Brown Student Agencies, University Food Services, Keep Brown Beautiful, the debate union, and Sock and Buskin. And women speak for all four Third World organizations.

"It's fascinating that this is happening in an age when the media continues to say the women's movement is dead," says Elizabeth Weed '73 Ph.D., director of the Sarah Doyle Women's Center, "and when college women say, 'I'm not a feminist, *but* ...' "

That so many women are in charge is the result of both coincidence and new assumptions about careers and success. "There certainly are more opportunities for women to take positions of leadership in high school," says Robin L. Rose, assistant director of psychological services. "In 1981, the Coed Report said women come to Brown with higher grades and higher self-esteem than male students, but that when they leave, the trend reverses itself. It may be time to take another look at what happens to women at Brown. I wonder if parents feel less ambivalent about encouraging their daughters to go for the gold."

Tachera, president of her high school student council, and Zuckman, editor of her high school newspaper, exude the confidence, professionalism, and energy one expects in good leaders. Interestingly enough, Tachera says that during the UCS campaign, it was *women* who "asked me why I was taking on the job, if I could really handle it, and if I would be taken seriously in the position." Jonathan Karp remembers that last year, while no editors questioned Zuckman's journalistic competence, they asked, "Can she lead?"

"That, to me, is a biased question," says Karp. "What qualities constitute leadership? Jill is very sharp and works well with people. Those who doubted her leadership don't question it anymore."

But there's more to being a leader than simply achieving legitimacy inside and outside the organization. The key to being effective, many women leaders believe, is in delegating authority and training their subordinates—procedures they feel some male leaders have been lax about.

"Doing everything on my own would be destructive to Brown Student Agencies as a whole, to myself, and to everybody else," says BSA president Tracy Schaffzin '86, who encourages her managers to develop new projects.

Betsy Blume '86, president of Brown Community Outreach, agrees. "As a leader, you should share the responsibility and the glory. The people under you have to feel that you need them," she says.

According to Rose, women are taught to be concerned about how people feel, which often makes them more willing to delegate. It also sensitizes them to how people feel not only about the organization, but also about their leadership. Schaffzin and Blume say a casual approach works best for them; Kendra Baldwin '86, general manager of the 1,150 student food-service workers, sees her five unit managers as a team that develops policy.

But Hope Seidenberg '86, editor of *Issues* magazine, doesn't worry about being called domineering. "I want to be effective," she says matter-of-factly. "If I were ever to feel that my tactics were not effective, I would change them." Ellen McClain '86, spokeswoman for the Organization of United African Peoples, says she "likes to take care of business in a somewhat unemotional way." Her tendency to "put up some walls" when handling pressures makes it appear that nothing bothers her. "That's not the case, but it can be very intimidating to people," she says.

Each leader wants to improve her organization through innovation. Schaffzin requires BSA managers to keep detailed reports of their agencies, and Baldwin has introduced written commendations for outstanding food-service workers. Gender-neutral pronouns are now used in *Issues*, thanks to Seidenberg. "Whenever possible, we avoid the masculine," she says, adding that the magazine has become more oriented to University issues under her tutelage.

Zuckman, whose editorial board assumes its duties second semester, wants to turn the *Herald* into the University's newspaper by "covering issues that concern professors, staff, and administrators" in addition to students' activities.

To assist the student leaders, Beth Zwick '82, staff coordinator at Sarah Doyle, is formalizing the old-girls' network with a winter workshop where they can meet and exchange strategies.

"I remember when the percentage of men and women here was a hot topic," Weed says. "Maybe five years from now, women leaders will be so common at Brown that no one will even think to write an article about them." *C.H.*

Student radio theatre brings murder, mayhem to the airwaves

Who knows what evil lurks in the hearts of men?

Since the Shadow retired, there has been no one around to answer this gloomy question. The radio airwaves have been taken over by rock music and talk shows. The glorious heyday of radio mysteries is no more.

A dramatic chord of organ music, please: At Brown, "Mystery, Mystery" has come to the rescue. "Mystery, Mystery" is the brainchild of Elizabeth Guber '86, who conceived the idea last year. She thought a perfect way to combine her interest in theatre arts, production work, and business would be to create and produce original radio mysteries. She began talking to other people and gathering interest throughout the community, and then watched her idea take off. By the beginning of this academic year, she had a full staff of thirteen working to make "Mystery, Mystery" a non-profit, cultural, and educational business—an incorporated one, Guber points out. Now, after a semester of production work, "Mystery, Mystery" is ready to go on the air every Sunday night on WBRU.

Guber talks fast and waxes enthusiastic as she explains the way she has set up her organization. "We have a team of script writers, and one person who acts as scripts coordinator, to keep constantly checking on our writers to see if they will be making their deadlines. We have a team of directors assigned to each play, and another group of technicians. We can't use the studio at WBRU to produce the show, because we're an independent company, so we have to buy studio time out in East Providence. Producing a quality half-hour radio show once a week requires absolute professionalism.

"At first I had real fears that I wasn't going to get scripts, but the ones being submitted are getting better and better. We rely on fifteen to twenty writers—it's great for us, and where else will these people get the experience to write scripts for radio mystery?"

Guber wrote, in her fund-raising proposal to the Brown University Committee on the Arts: "Rarely does an undergraduate organization so fully provide the framework of artistic production: a director can either present the company with a script or choose one from the research files, and automatically have a supportive staff. Stu-

JOHN FORSTE

Producer Guber (far right) enjoys a recording session for "Mystery, Mystery."

dents working with 'Mystery, Mystery' may participate in all aspects of production, from the technical and musical, to publicity and finance. A writer can also see his or her script produced, as well as a composer his or her music, an artist his or her graphics."

"People really put a lot of time into this," Guber says. "And there's no monetary incentive. So why are they working? In a way they all feel like they're doing me a personal favor, and I treat it like that. I feel so grateful that these people are doing what they're doing. And what's great is that it's not just my project anymore. It's *our* business. I have learned more from being involved in this than I have from any class, and I stress that with people who want to be involved."

Guber, who is most interested in the business side of "Mystery, Mystery," has concentrated on raising the $10,000 necessary to insure a semester's worth of shows. The fundraising has been an education in itself. "Fundraising is central to every organization, and the entertainment industry is a business. That's one reason we set 'Mystery' up as a corporation. People realize that what goes on behind the scenes is as fun and exciting as what goes on in front of the cameras."

Guber's staff is trained and in place, and she is turning her attention towards making sure that "Mystery, Mystery" continues at Brown after she leaves. "I'm concerned. For me, this has come first, before schoolwork, even. The staff has to see me taking it seriously, or why should they? I end up being an initiator, techie, story editor, director, actress, and business person. Finding someone to replace me might not be easy." Guber has asked everyone on her staff to find an assistant to train during the second semester, in hopes that a legacy will remain.

"This has been such a positive experience for me," she says. "And I really haven't gotten sick of the time I've put into it. I have a passion for this industry, and to watch these shows be created is wonderful. I've heard so often from people in the entertainment industry that if you produce something, even if it stinks, you've accomplished something. I feel that way about 'Mystery, Mystery.' " *K.H.*

Computers demystified

The normal human reaction is to fear what we don't comprehend. Imagine the fear people experienced when the sun was eclipsed and they had no knowledge of what was happening. Or when the earth moved or the floods came. Or when computers silently invaded the schools, the marketplace, the offices, and, finally, the homes—every corner of American society. Imagine the fear.

John Savage, professor and chairman of the department of computer sciences, and two of his former students, Susan Magidson '84 and Alex Stein '84, hope to allay our fears. The three of them are co-authors of *The Mystical Machine: Computers Unveiled*, a book published this month by Addison Wesley.

"A lot of people have the attitude about computers that they are remote and powerful," says Savage. "We marvel at them and enjoy them, but don't really understand them. The purpose of the book is to dispel this attitude and take a straightforward approach to what they are."

The idea for the book grew out of Savage's experiences teaching Computer Science 1—"Computers and Society." "Alex and Sue were my head teaching assistants for the class. I had been toying with the idea of writing something for the course—there was nothing really available at the time. Then Alex and Sue came and said they were thinking of writing a small book, too, and I suggested we be co-authors."

It's unusual for a faculty member to collaborate on a book with undergraduate students, and Savage says it's a testimony to the caliber of Brown students that he suggested it. "They're bright and ambitious enough to pull it off." So, in 1983, they sat down and hammered out a comprehensive outline, and submitted it to Addison Wesley for consideration. The publisher accepted the idea, and Savage, Magidson, and Stein set out to write the book. "We thought we'd be done by the end of '83," Savage says wryly. "We started sending final copy to the publisher by early '85."

Each of the three co-authors took initial responsibility for particular chapters, and then they switched and re-wrote each other's material. "Alex and Sue were more sensitive to the needs of the lay audience," Savage explains, "and my approach was more structured."

The result is a science book written for those who shun science. The authors trace the evolution of computers back to the abacus, through their roots in the nineteenth century and into this century. "If you have fear of computers at all, it helps to understand that they are the product of the early nineteenth century," says Savage. They didn't magically appear on the scene; "they are the product of generations of work." The book has chapters on the architecture of computers, word processing, artificial intelligence, and problem-solving—all written for the lay reader.

Savage says the author's approach to explaining computers combined the

"conceptual with the concrete. In the chapter on word processing, we explain the concepts behind word processors, then look at three different systems —the Bank Street Writer, WordStar Editor, and the MacWrite Word Processor. If you used a word processor, you would want to read the book to be able to understand questions about word processing. Or you could hand the book to the people who were asking the questions."

The combination of concept and concrete examples is probably best exemplified in the chapter on problem-solving. Instead of trying to explain the process of problem-solving with diagrams of circles and arrows, Savage and Company used the simple problem of how to bake a quiche. They broke down the steps of the problem and quickly and cogently explained the theory behind problem-solving. Readers get a working knowledge of problem-solving and Julia Child's recipe for quiche Lorraine, to boot.

Savage says that many of his colleagues have told him that this is the kind of book for people who have basic questions about computers. "Every professional today has contact with computers. It will be useful to have a book on a variety of topics, to explain

Garrett D. Byrnes '26 and Jay Barry '50

Throughout its eighty-six-year history, the *Brown Alumni Monthly* has been an integral part of its University and has had a rapport with its readers matched only by a handful of other alumni magazines, and exceeded by none. The reason for this is the number of talented, loyal, and spirited individuals who have served it over those years.

Two of those people, John F. Barry, Jr. '50 and Garrett D. Byrnes '26, died in December within four days of each other (see obituaries).

Jay Barry joined the *BAM* staff in November 1954 and remained on the masthead until December 1982. Jay wrote the class notes: We once estimated he must have typed about 75,000 of them—and 7,500 obituaries. He was the magazine's sports editor, and he knew more trivia about Brown sports than the human mind can absorb. He wrote feature stories, too—in fact, one of the endearing things about Jay was that he was always willing to take on any assignment. If I needed a piece for the Elms section at the last minute, Jay would do it—and meet the deadline. For newcomers to Brown, he was an invaluable source of Brown lore.

There have been four editors of the magazine, and Jay worked with three of them. He became the staff member best known to alumni, and he was unfailingly courteous to those who could not understand why their class notes had not been in the most recent issue.

When Jay left the magazine to become director of special editorial projects, he had already begun work on his pictorial history of Brown. He had fought one battle with cancer, and he had every hope for many productive years to come. But the cancer was detected again a year ago and dogged him all the way through the completion of the book. *A Tale of Two Centuries*, Jay's finest editorial legacy, was published in November, and he was able to see the completed book.

Jay Barry loved the movies of the 1930s, with their happy endings. One view might be that Jay's story doesn't have a happy ending. Yet, for Jay, secure in his faith, there is a happy ending. And he also had to be happy knowing the legacies he was leaving Brown and the enjoyment they bring to thousands of Brown alumni.

Garry Byrnes became a member of the Board of Editors in 1947 and served until 1977, the last ten years as chairman. He led the magazine during its coverage of the tumultuous years of the 1960s and 1970s, not incidentally the time of greatest national recognition for the *BAM*. Despite his being a product of a male-only Brown, he presided with sensitivity and gentleness over the merger of the *Pembroke Alumna* with the *BAM* and the reconstitution of the Board of Editors to include alumnae.

At a dinner for Garry when he retired from the board, Chet Worthington '23, editor of the magazine from 1931 to 1968 and a fifty-year friend of Garry's, recalled Garry's "thirty years of meetings, thirty years of crises, thirty years of smooth sailing, thirty years of availability, thirty years of counsel and encouragement, thirty years of support and leadership, thirty years of accuracy and substance and spirit and accomplishment."

Shortly before he retired, Garry wrote the following:

"Just after the Second World War, Henry Wriston decided that the University would pay for the magazine. Up to that time, the magazine had been a private venture, born of alumni loyalty and paid for by advertising and subscriptions. Most graduates never saw it. Wriston, who took Brown by the scruff of the neck and shook it into greatness, ordained that the University would pick up the tab and that the *BAM* would go to all hands. There was a qualification to all this: The magazine would remain the creature of the Associated Alumni, and although the University paid the bill, the content of the *BAM* would not descend to University flackery.

"During the thirty pleasant years I've been on the Board of Editors, I'm pretty sure University Hall never said you can't print *that* or you must print *this*. I'm certain, too, that the magazine has, especially in recent years, kept graduates informed about the bitter as well as the sweet events on College Hill. Further, I'm convinced that this excellent magazine is the single most important voice which inspires loyalty and support—that means cold cash—for the University.

"Over the years, especially during the recent era of financial retrenchment, the nickel-nursers—and they come in many dreadful forms —have said over and over that the University could save a few bucks by whittling down the *BAM* budget. Penny wise, pound foolish.

"The Wriston concept in effect flew in the face of an old adage. UH, I hope, will continue to pay the piper generously, on the theory that it will more than get its money back; and UH, I hope, will as it has for so many years let the editors and the Board of Editors call the tune."

Garry Byrnes, as much as any of us, made the magazine what it is today.

Jay and Garry—they were our friends, and we miss them.

R.M.R.

the technical side of computers as well as the social side.

"The computer has become irreplaceable in our society, and has many consequences. Yet we don't reflect on what it's doing, and we should," Savage says. There are many issues: of privacy and protection, computers in education, equal access, and interpersonal communications that need to be examined but aren't. *The Mystical Machine* raises some of the questions and asks readers to consider the implications. Each chapter is followed by a list of recommended reading and a set of issues and ideas to mull.

Savage plans to use the book in his course. "It was a good intellectual exercise for me, too," he admits. "I had no formal training in computer science [he did his graduate work in electrical engineering and information theory], so I had to do lots of reading in the field.

"We wanted to meet a need for a book," Savage says, and he has no idea how it will sell. "It was painful to write at times, and at other times was fun. But I'm very satisfied with the result. I think it's a useful, readable book."

The quote that begins the first chapter is from Arthur C. Clarke's *Technology and the Future*: "Any sufficiently advanced technology is indistinguishable from magic." With the help of Savage, Magidson, and Stein, we can begin to understand how the computer is pulling the rabbit out of the hat. *K.H.*

People

James S. Reinbold '74 A.M. has joined the staff of the *Brown Alumni Monthly* as editorial associate. Reinbold, who did his undergraduate work at Kutztown (Pa.) State College, has been a freelance writer for several years. At the *BAM*, he will be responsible for alumni class notes, obituaries, and sports. He replaces **Peter Mandel** '81 A.M., who resigned in November to become a staff writer for the *Dartmouth Alumni Magazine*.

Rowing Reception

The Brown Rowing Association will hold a reception at the New York Yacht Club from 5 p.m. to 8 p.m. on February 27. A special guest will be men's crew coach Steve Gladstone. A $12 donation will be charged at the door, and a cash bar will be available.

SPORTS

By James S. Reinbold

Men's hockey becomes first U.S. hockey team to visit China

On December 22, the Brown men's hockey team embarked on a historic journey to the People's Republic of China. The occasion marked the first time an American hockey team visited and played in China. Under the auspices of People to People, a New York-based group that promotes international goodwill by arranging exchanges of students, workers, and athletes, the team spent two weeks in Shanghai, Harbin, and Beijing, playing hockey, sightseeing, and getting what Coach Herb Hammond calls "an inside look at China."

The group of nearly forty, including the coaching staff and their wives and the entire twenty-seven-man roster, landed in Shanghai after a twenty-hour flight from New York City. After a day in Shanghai, to catch their breath, the group made the two-and-a-half- hour plane trip to Harbin, an industrial city of 4 million on the Sungari River in central Manchuria. The team played five games in seven days in Harbin, considered to be the hockey center of China. The trip concluded with two days of sightseeing around Beijing, where the group toured the Forbidden City and the Great Wall, and also paid a brief visit to U.S. Ambassador Winston Lord. They returned home on January 5.

The Bruins posted a 2-2-1 record in Harbin. They were victorious over teams from Harbin, 10-5, and Qiqihar, 5-3; and lost twice to the China National Team, 7-6 and 8-6. They also skated to a 3-3 tie with the national team.

The style of play was distinctly European, according to Hammond: no checking and an emphasis on speed and finesse. The Chinese team was quick—some of the players double as members of the speedskating team—and they worked the puck methodically, passing off four and five times before taking a shot. They rarely attempted long outside shots and when they broke up-ice, all five skaters would go. The team was coached by two Czechs.

All five games were played in Harbin's modern olympic-sized arena, which had a seating capacity of 4,000. All the games were played to standing-room-only crowds. And just as a matter of note: the scoreboard took up an entire wall; the official clock was not digital; and the end of periods was signaled by the striking of a gong. Hammond also had a word about the spectators. Partisan as they were, they were extremely polite. Subdued applause indicated their pleasure with the local heroes, while sighs and "ahs" greeted stellar play by a Bruin. Bobby Jones '86, who became popular with the Chinese because of his physical size (6'4", 225 lbs.) and his hockey exploits, led Brown scoring with four goals and three assists. Steve Climo '87 collected seven

HERB HAMMOND

Taking on the Chinese in Manchuria.

assists.

In the winter, nearly all activity in Harbin has something to do with ice, Hammond says. It cannot be avoided Temperatures hover around minus-20 degrees, and the Sungari is frozen solid. There is ice boating, ice sailing, ice skating, and, for some who cut a hole in the ice, ice swimming. There is ice fishing and ice sledding. Tons of ice are harvested for the internationally-known Harbin Ice Festival. So, quite naturally, there must be ice hockey.

While the weather was severe, the city frozen under a yellow haze of smog (caused by the burning of soft coal), and the day-to-day life of the citizens harsh, Hammond and the team soon discovered a people whose kindness and generosity warmed even the numbing cold of the Manchurian winter. "Of course, the first thing you think is how fortunate you are," Hammond recalls, "how lucky you are to live in America. But despite Harbin's gloominess, the people were friendly and very eager to make our stay as comfortable as possible."

There were formal dinners, banquets, a seemingly endless praise of toasts, and, of course, the delicacies of Chinese cuisine. "Sometimes it was hard to tell what was being served," Hammond says with a smile. "But you became a little more daring after more toasts were offered." They shared sea slugs with the Minister of Sports, moose noses and fungus soup with the mayor of Harbin. They were the guests of honor: If Harbin artisans could have fashioned a red carpet of ice, they would have done so.

Hammond praised his team's conduct throughout the adventure—particularly the way they adjusted to their celebrity status, the Chinese cuisine, and the less than impartial officiating at the games. That exemplarary behavior was also evident to their hosts and to the China National Team's Czechoslovakian coach, who told Hammond that he "was impressed by the team's determination and willingness to work hard, and their desire to win."

While waiting at the airport for the overdue plane that was to fly them home, the American entourage exchanged farewells with their Chinese counterparts. All the officials remained with them until the plane finally arrived, two hours late. That final example of hospitality and graciousness was in keeping with the way they had been treated during their entire visit. It will leave the team, Hammond said, with a warm feeling for the people of Harbin for a long time to come.

Winter roundup

Men's basketball opened the 1986 Ivy League season with a victory over Yale. The win was the fourth straight for the rejuvenated Bruin squad and their sixth in seven games, the only loss coming at the hands of top-ranked North Carolina. Coach Mike Cingiser credited the dramatic turnaround (the team started the season 1-4) to a strong, consistent backcourt: four guards—Mike Waitkus '86, David Visscher '87, Darren Brady '86, and Keiron Bigby '87—who can pass, shoot, and handle the ball.

Back from their China adventure, **men's hockey** returned to action with a win over a very physical Army team. Junior Mark Rechan's second goal of the game broke a 3-3 third-period tie. The Bruins did not fare as well the following night as they were blanked by Princeton. Michel Bayard '88 stopped twenty shots before leaving the net in the second period. The Tigers outshot the weary Bruins forty-nine to twenty-five.

The **wrestling** team kept up its winning ways with a pair of wins and a loss at a Wilkes College quad meet. The lighter weights proved especially successful with Brad Lucido '88 and Matt McCumber '89 both winning two decisions. Tournament action in December has given the young team experience. With only four juniors and seniors on the roster, Coach David Amato must look to youth to guide the team's efforts.

Women's swimming started 1986 with a victory over Northwestern and upped their record to 3-2. Colleen Phillips '86, Carolyn Rider '89, and Katie King '86 each won two events. The team will be training in Puerto Rico before a return to competition against Penn.

Women's ice hockey returned to action for the first time since December and skated away with an impressive win over Ivy rival Princeton. Once again it was Lisa Bishop '86 and Mardie Corcoran '86 leading the Pandas with two goals each. Mara Spaulder '86 recorded twenty-four saves. Through six games, Corcoran has tallied eight goals and Bishop seven.

The good news is that **women's basketball** triumphed over Brooklyn College; the bad news is that the victory came after nine straight losses. Individual accomplishments continue to brighten an otherwise difficult season for Coach Maureen Enos's young squad. Co-captain Michelle Smith '86 passed the 1,000-career-point mark and is averaging 13.9 points a game. Kerry Kelley '87 had a season-high six assists against Iona, and then broke her own school record with fourteen assists against Brooklyn College.

Women's squash welcomes the return of Sue Cutler '88, an All-Ivy performer last winter. Junior Eva Simpson was the lone Brown representative at the Princeton Invitational, December 6-8. She was eliminated in the second round of play.

Women's indoor track took twelve first-place finishes as the Bruins beat the University of New Hampshire in the first meet of the season. Carolyn Arnold '89 set a school record in the long jump, and double winner Lori Amos '89 ran a record 8.48-second 55-meter hurdles. She also won the high jump.

Scoreboard

December 9-January 15

Men's Basketball (7-5)
Brown 83, Keene State 51
Brown 62, Miami 61
North Carolina 115, Brown 63
Brown 90, American 85 (OT)
Brown 87, Manhattan 57
Brown 71, Bryant 55
Brown 68, Yale 65

Men's Hockey (4-5)
St. Lawrence 5, Brown 2
Brown 4, Army 3
Princeton 9, Brown 0

Men's Wrestling (6-2)
Brown 27, George Mason 18
Brown 21, William & Mary 16
Wilkes 34, Brown 6

Women's Swimming (3-2)
Brown 76, Northwestern 62

Women's Ice Hockey (4-2)
Brown 4, Princeton 2

Women's Basketball (3-9)
St. Peter's 85, Brown 38
Cheyney State 70, Brown 64
Central Connecticut 91, Brown 77
Yale 70, Brown 61
Iona 71, Brown 68
Brown 86, Brooklyn College 69

Women's Indoor Track (1-0)
Brown 86, New Hampshire 31

The Mystery of Memory

By Anne Diffily

Photographs by John Forasté

Last December while wandering through Thayer Street shops in search of Christmas gifts, I uncorked a vial of cologne and sniffed. The odor of violets—pure, so intense it almost smelled like licorice—filled my nostrils and instantly produced in my mind a picture of my grandmother. Bundled in a dark wool coat and wearing one of her veiled velvet hats, ears sparkling with *faux* jewels, Grandma—or rather an image of Grandma as I knew her when I was a young child—seemed to have materialized, genie-like, from that tiny green bottle.

I bought the cologne for her Christmas present, and thought afterwards of the power of memory. I knew—thanks to Professor Trygg Engen's Psychology I labs—that odors have a particularly dramatic ability to evoke scenes and events from our pasts. Tastes, too. The often-cited classic example is Marcel Proust's experience upon biting into a tea cake called a *petite madeleine*.

"No sooner had the warm (tea) mixed with the crumbs touched my palate than a shudder ran through me and I stopped, intent upon the extraordinary thing that was happening to me," Proust wrote in *Remembrance of Things Past*. "Immediately the old gray house upon the street, where (Aunt Leonie's) room was, rose up like a stage set ... and with the house, the town from morning to night and in all weathers, the Square where I used to be sent for lunch ... So in that moment all the flowers in our garden and in Monsieur Swann's park, and the water lilies on the Vivonne and the good folk of the village ... taking shape and solidity, sprang into being, town and gardens alike, from my cup of tea."

Such displays of mnemonic virtuosity enthrall us. Coiled in our skull sits a dull gray organ the texture (say those who have probed it in the operating room) of Brie, which at the briefest flash of a stimulus flings vivid scenes into our consciousness. No one is sure if there is any limit to our mind's capacity for remembering. The sheer volume of experiences, words, concepts, facts, and faces stored in a human brain puts a computer to shame. On a purely practical level, we admire the brain's facility for *retrieving* stored information. Quick—What's your ZIP code? Your best friend's phone number? The principal ingredients in your brownie recipe? Where were you when President Kennedy's assassination was announced? Can you hum a few bars of your favorite song? Most of us respond with alacrity and astonishing accuracy to such questions.

Pondering this process gives rise to a peculiar circumstance: We have the brain thinking about itself. Here is a system that knows *what* it does, but boggles when it strives to know *how* it does it. The philosophical implications of this are as convoluted as the brain itself. And finally, when you think about it long enough, the whole process of remembering a lifetime of information and experiences starts to seem like magic.

Nobel Laureate Leon Cooper, professor of physics and Thomas J. Watson, Sr. Professor of Science, is here to tell you that it's not. Marvelous, surely; but emphatically not beyond the pale of scientific inquiry. For the past fifteen years Cooper, who is co-chairman of Brown's Center for Neural Sciences, has been involved in such an inquiry. Today, he and a host of other Brown faculty, postdoctoral fellows, and graduate students with interests in the neural and cognitive sciences are treading different paths with the same destination: An understanding of memory and other brain functions; a scientific model of how the human mind works.

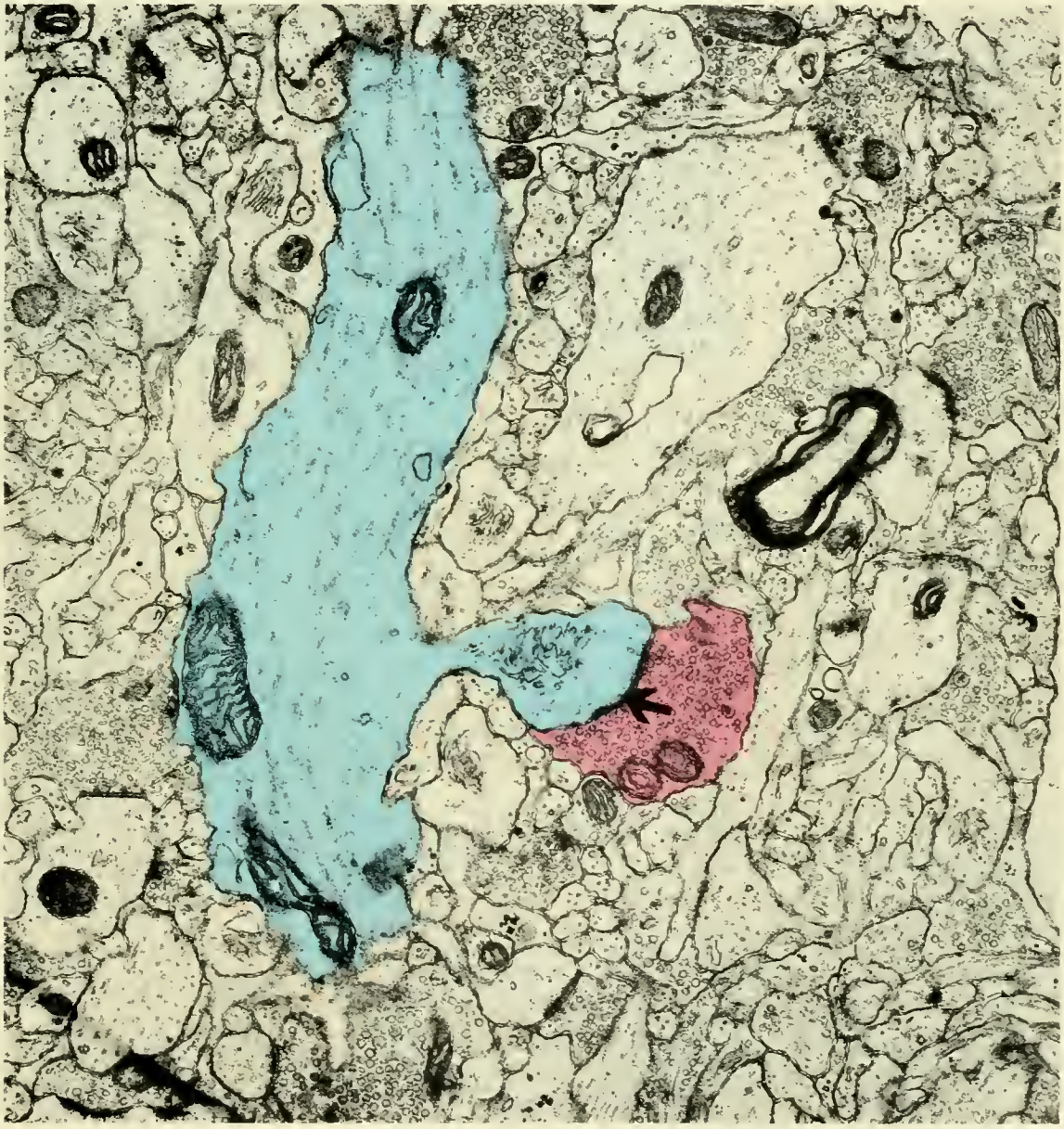
"People sometimes get a little bit mystical about the brain," Cooper says. "Certainly thinking, memory, and consciousness are remarkable phenomena. Many people consequently are reluctant to believe that scientific methods can attack such problems. I don't believe that. My own feeling is that by perfectly orderly scientific procedures, we will find exactly what those phenomena are. The chances are that this won't even involve any special new assumptions, but rather that the explanations will turn out to be rather subtle properties of large systems of interacting units—neurons, in this case."

Neurons—nerve cells—are where the action is in the brain. Mental activity is believed to be the result of electrical impulses racing along a network of neurons. From each neuron's center extends a long fiber, the axon, along which the electrical "messages" are relayed to the next neuron. The junctures where impulses are relayed are called synapses. There are estimated to be more than 100 billion neurons in the brain, and the axon of *each cell* may have as many as tens of thousands of contacts with another neuron. This gets us into the realm of rather unthinkable numbers, particularly from a researcher's point of view. Is there any way to study such an immense, complex system?

Scientists like Cooper and his colleagues attempt to suggest models for the activities of the brain—theories that demonstrate what is going on when we perceive, learn, reason, and remember. The research that evolves from a theory such as Leon Cooper's takes many directions, from the single-cell neural research of the physiologist to the behavior-oriented studies of the psychologist. They share, however, the current scientific thinking about the nature of memory: It is a distributed, rather than a local, system.

What does this mean? Think of a filing cabinet, and envision each bit of information—perhaps on an index card—filed tidily in its own designated spot. To retrieve information about, for example, the game of baseball, a user would have to know how to locate the proper card, pull it out, and read it. If he or she didn't know how to use the system, it would be useless. And, if a fire, or a thief, or a careless filing clerk, destroyed or misplaced the card on

The study of how we store and retrieve information may lead Brown researchers to an understanding of the human brain



This electron-microscope photograph taken by Brown neuroscientists shows a synapse in an animal's cerebral cortex—the place where learning happens. An axon terminal, highlighted in red, at right, has made contact with the armlike spine of a nerve's dendrite (blue). The darkened area where the two meet (arrow) is the synapse. "Learning takes place because of the changes at this spot," says researcher Mark Bear. "But how the changes are stored—turned into memory—we don't know yet." For a sense of scale, consider that the dendrite's spine measures approximately two microns, or .002 millimeters long.

"baseball," that bit of knowledge would be effectively lost; the filing system would have nothing to offer on the topic.

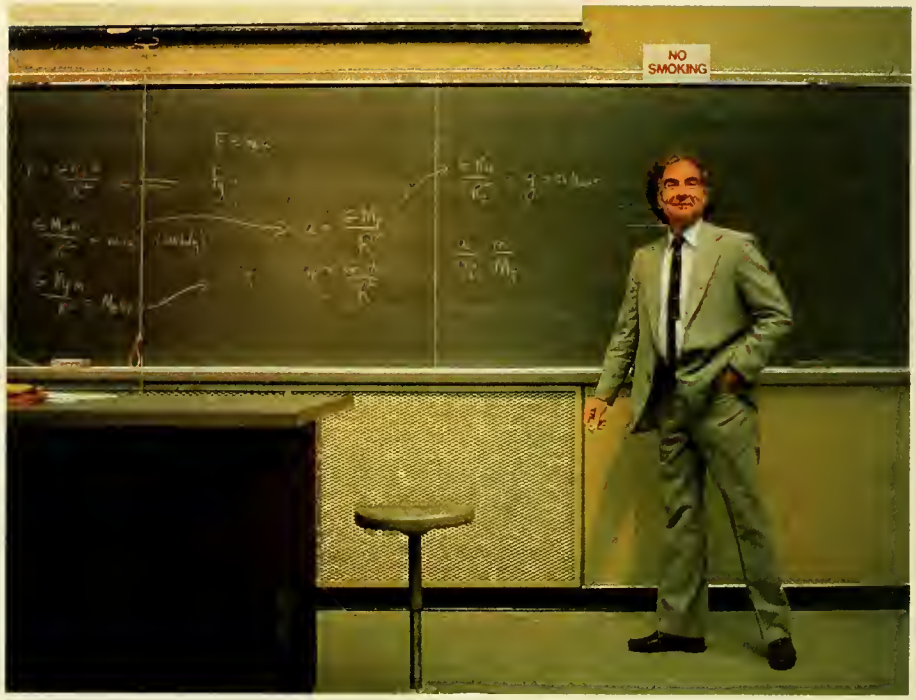
The brain does not appear to work this way. For one thing, experiments with animals have shown that learned information is not stored at one specific, miniscule location. Researchers at Harvard working with rats that had learned a specific behavior removed portions of the animals' cerebral cortices; the rats retained the behavior, although their response weakened in proportion to the amount of cortex that was removed.

"In a distributed memory, like a hologram," says Cooper, "an individual item is stored over a large portion of the system. At a particular site, instead of storing one thing as you would on a library card, you store large numbers—sometimes thousands—of things. Each synaptic junction stores some portion of the entire experience of the system. This is the essential meaning of a distributed memory: Each event is stored over a large portion of the system, while at any particular local point many events are superimposed." The problem, says Cooper, now becomes, how do you get information back out of such a system?

"If you tickle the entire system properly, it gives you a specific thing that is stored, separating it from all the other things that are stored," Cooper explains. "You don't have to know *where* it is. It's what is known as a content-addressable memory." Our memories, it seems, hinge on what psychologists describe as associations. "Human memory is a fabric of association," Cooper says. "It's a system that depends on what comes in from the outside world. If A is connected with B in your memory, and B is connected with C, then when A comes in, you get B, and when B comes in, you get C, and it spins around like that. You see something and immediately something else is recalled. It's like Proust and his madeleine cakes—it evokes a whole sequence of memories."

This, says Cooper, is what is meant by "content-addressable" memory. The "address," or location, of any one item is another item. "What that other item is depends on what your own experience is. If you think about it qualitatively, it *has* to be something like that." Cooper reached that conclusion in the early 1970s, after he began to ponder the problem of human memory. The topic wasn't as far afield for a physicist as one might think. "I had always been interested in studying areas that had large numbers of interacting units —in physics, these are many-body systems. Around 1970 I was working with a graduate student, Menasche Nass ['75 Ph.D.], who showed me a neurophysiology text. It said that although a great deal was known about individual neurons, no one had any idea whatsoever about how memory was stored. That seemed so peculiar, so anomalous to me, that I thought, 'Well, let's think about that. It can't be too hard.' "

Cooper and Nass read papers and articles on the subject, and felt the holographic memory model was on the right track. "But the way it was actually written down was not possible, physiologically. So I asked Menasche to find a way of writing it down that could be embodied in neurons. He came back and said he'd found a paper by a fellow named Jim Anderson who had done something like that." James A. Anderson, a neuroscientist, was then at Rockefeller University. "We got in touch with Jim and began to talk with him. Later we invited him to join us at Brown, and an association was formed." It continues today.



Leon Cooper
'The notion that the brain is too complicated to understand is beginning to evaporate.'

Cognitive science is a young, booming field. Centered around the study of human learning, understanding, and information processing, it draws scholars from a variety of disciplines such as psychology, linguistics, and computer science.

Professor James Anderson got his undergraduate degree in physics and his Ph.D. in neurophysiology at MIT, and his appointments at Brown are in both the Center for Neural Sciences and the Center for Cognitive Science. He is particularly interested in the cognitive aspect of memory systems, less interested in the actual biology of the individual neuron. This has led him to work with computers, trying to create programs that mimic the features of human learning, reasoning, and memory.

"I've always been interested in how the mind works," Anderson says. "Our brain is very powerful, but the nervous system itself is slow—it operates in the millisecond range, whereas computers work in the microsecond range and below. How does the brain get its tremendous power, then? We're very good at using these dumb neurons, so there must be a trick the brain has learned to make them work together."

The answer, Anderson feels, is that the brain has billions of units that work in a parallel fashion, allowing it to do relatively few things very well. This differs from traditional computer architecture, in which digital systems

operate basically on the filing-cabinet method of linear information retrieval. To help explain this, Anderson refers to Aristotle, who wrote that memory "marks in a sort of imprint, as it were, of the sense image, as people who seal things with signet rings."

The linear memory, Anderson says, would contain those "signet-ring" memories lined up, one after another. Asked to recognize the letter "b," the system would compare the letter with all of its alphabet until it located an impression that matched. The brain's parallel storage, on the other hand, places the signet-ring impressions one on top of the other; locating the letter "b" becomes a one-step operation. The multiple imaging leads to error, but this is a help, not a hindrance. Because of its "fuzziness," man's brain is able to abstract answers from incomplete information. "Thus it is not necessary to have seen every 'b' to be able to recognize it," says Anderson. "The 'b' will fit the template enough to achieve recognition.

"People," he adds, "are bad at detail, but good at dealing with the big picture. We can't touch a computer's ability in arithmetic; they do computations in microseconds with no complaint, and always correctly. But the computer cannot deal with ambiguity; the information we give it must be precise. If I say to you, 'Bat,' 'Ball,' and 'Diamond,' you'll know what I'm talking about. This is [Professor of Computer Science] Gene Charniak's example, by the way. How do we know these words indicate 'Baseball'? The words cooperate to make sense to us. A computer would have to check its definitions against each word; the more words you gave it, the longer it would take to figure out what you were getting at. But the more information I give a *person*, the faster he or she will make the connection."

Anderson has been working for the past few years on computer systems that seem to perform brain-like cognitive functions. These models demonstrate an ability to associate information. Anderson has created a database, for example, with information on human diseases and their pharmacological treatments. Using Anderson's mathematical model for storing and retrieving information, the computer is then given incomplete information on a disease in its database. "The database the system learned contains no information about meningitis caused by Gram-positive bacilli," Anderson says, tapping at a keyboard to demonstrate the process on his terminal. He types in, "Tell about Meningitis caused by Gram + bacilli." The computer goes through a checking procedure, referencing its past experience. Eventually it "guesses" that the right drug for this disease would be penicillin. "This may or may not be correct," Anderson says. "But it's a sensible suggestion—the computer knows the other Gram-positive bacilli are treated with penicillin. The system is showing creativity, putting together information in novel ways. It's doing *informed guessing*." And that is a process characteristic of the human mind.

Crucial to Anderson's models is the notion of concept formation. The brain appears to have a built-in tendency to generalize, to organize information around what psychologists term "concepts." This is recognized by theorists who deal with the neurological network, too. "Almost certainly what we call thoughts are the play of electrical activity in neural networks," Leon Cooper says. "Very probably these networks modify themselves, through experience, to store memory. And quite possibly, an underlying directive is to seek patterns, associations, connections in the external world—to jump to conclusions." This tendency may lead the brain to make judgment errors, Cooper says, but the procedure is valuable for surviving in a world that is organized as ours is. "In an ordered world, it is advantageous for an animal to learn quickly and to act on what has been learned."

Assistant Professor of Psychology Gregory Murphy, who also holds an appointment in the Center for Cognitive Science, claims he doesn't know a lot about human memory. What he does profess to know something about is his specialty, human concepts. These are prototypes, categories of various sizes and scope into which we plug information, filing each new bit with the existing information that seems to match its characteristics best. Concept acquisition is linked to language learning, Murphy says, and it seems handy, indeed, for getting along in life. "A child learns the concept of 'dog,' " he suggests, "and the concept of 'tiger.' The child comes to know that you can pet a dog, but you shouldn't pet a tiger.

"If we didn't have concepts, every time you saw something new, you'd have to refer to a specific experience in your memory," Murphy continues. "Say you saw a chair. You'd have to remember that you sat in one before; it wouldn't immediately mean 'something to sit in' to you. You'd have to do a lot of figuring-out for everything you encountered. Depending on specific knowledge wouldn't be a good way to survive in this world."

Psychologists, says Murphy, make this distinction when they talk about memory. "There are two kinds of memory—episodic, which consists of the specific things that have happened to you; and general knowledge about

James Anderson
... and the Center for Cognitive Science's VAX computer. 'It's doing informed guessing.'

the world, or concepts—information that is not tied to your own experience. 'Grass is green.' 'Cars move.' It sounds very mundane, but these are ideas and objects people have to deal with every day."

Another advantage of the mind's tendency to organize new information around concepts, Murphy says, is that it is better retained. "The way kids memorize things in school is wrong. If information is presented in a coherent way, students will remember it better. For example, everyone has to learn the multiplication tables, and the only way to learn them is to memorize them. This makes them hard to learn and hard to retain. But in a history class, you can learn twenty-five facts in one lecture, and because it's related to other knowledge, you may remember this new information for several years.

"Memory isn't a pure process; it's biased," Murphy says. "It *has* to be. There are so many things in the world, you have to discard most of them or you would be overloaded with information. We remember things that are related to what we already know. If I showed you a picture or story outside the realm of your knowledge and experience, you'd have a terrible time recalling it later. It would be out of place."

Murphy says psychologists and cognitive scientists aren't in agreement about all the differences between episodic memory and conceptual memory. Some researchers, he says, think the two kinds of memory are stored in different parts of the brain, but that has not been proven. People do seem to retain their memories of concepts better than specific experiences, however. "People with amnesia and brain damage often lose their memories of experiences, or their ability to learn new facts," Murphy says. "But they retain concepts—they still know what a chair is; they can identify objects. This," he adds, "suggests that conceptual memory may be more widely distributed in the brain, as Jim Anderson thinks. Our minds may be spreading knowledge across a wide section of neurons so that if some are destroyed, you can still recall a prototype."

If you made your best guess," Leon Cooper says, "the chances are that memories are a combination of local and distributed storage. Everything is always more complicated than what you first start with. You do good science by trying to capture the qualitative things first; as a consequence, you can see that your first assumptions are just approximations. But if you jumped into the complexity first, you'd never get anywhere. So it's absolutely essential to make simplifications, and to make the right ones. And that's what we've been trying to do."

In the early 1970s, Cooper began to put his ideas about memory into mathematical form. He took into account the properties of neurons and wrote a mathematical model of a system that displayed properties of human memory. But while he felt he had something that was plausible, Cooper lacked any hard evidence to support his model.

"One of the things that has troubled me about this work is that, while it seems qualitatively right, it tends to have an airy quality. To me it's absolutely critical to make sure this kind of fantasy structure is very firmly rooted. I wanted to connect it with the real nervous system, the real brain. It seemed to me that the one really liberating thing would be to produce a theory that was sufficiently concrete that it had something to say to experimentalists."

Neuroscientists at Brown consider it a major breakthrough that Cooper succeeded in this enterprise. "An important feature of Cooper's theory," says Professor of Neuroscience Ford Ebner, co-chairman of the Center for Neural Sciences, who has studied the brain functions of animals, "is that it gets down to the level where the necessary biological mechanisms can touch it. Up until now, there has been an arbitrary separation between psychological, or cognitive, areas and biological research. Biology was not sophisticated enough to deal with psychological theories, but that's breaking down rapidly. Neurobiology and behavioral psychology are fast becoming the same."

Essentially, Cooper says, his theory focuses on neurons. "Everything related to distributed memories was founded on the notion that there would be changes in the neurons when they experienced something," he explains. "Learning on a large scale would be related to the neurons."

One basis for neurobiological research on memory and other brain functions was established by neuroscientist Donald Hebb, who in his 1949 book, *The Organization of Behavior*, proposed that psychological functions such as learning and memory must be due to activity in an assembly of neurons linked by specific circuits. When a cell acts, its synaptic connections within the circuits are modified, Hebb said. If the change is a short-lived increase in excitability, it creates short-term memory. More longer-lasting modifications of the synapses lead to long-term memory.

"A distributed memory," says Cooper, "requires very precise changes among millions of neurons. How are these changes made?" Cooper's colleagues in the neurosciences are studying one area of the brain, the visual cortex, where information from the eyes is received and processed. "There," Cooper says, "the experience of the animal seems to change the responses of the individual neurons. The hypothesis that we make is that the kind of learning that takes place in the visual cortex is similar to the learning that takes place in other parts of the brain."

"Memory is a structural change," says Mark Bear '84 Ph.D., a researcher on the staff of the Center for Neural Sciences. "We want to know how this structural change came about. To study that, we need changes that are induced by conditions that we can control; changes that are detectable; and changes that are permanent." The visual cortex meets those requirements, making it attractive as a model for studying memory.

"Professor Cooper has attempted to make a theory that will describe synaptic changes in the visual cortex," Bear says, "and that can also describe such brain phenomena as language acquisition and memory." A young animal, Bear explains, learns to see only through the eye that sends useful information to the visual cortex. If one eye is kept closed or patched, no information is received from it. Consequently, the neurons in the visual cortex do not "learn" to see with it. After a period of time, the closed eye will remain functionally blind even if it is reopened. The cause of blindness would be located in the visual cortex, rather than in any structure of the eye itself.

"We're going back in developmental time," says Ford Ebner, who with Bear, Leslie Smith, and John Donahue from the Center for Neural Studies, as well as faculty and graduate students from other departments, is studying the cerebral cortex. "For a time after birth, the nervous system is extraordinarily plastic, or susceptible to change. In humans, this period of plasticity lasts about ten years; in cats, four months; in rats, about a week. During that time, sensory experiences have a *tremendous* impact on the system. Afterwards, the brain becomes more hard-wired; it's

Jerry Daniels and Mark Bear
Images such as these help determine qualities of binocular vision in laboratory animals.

difficult to change it. We work with animals in that initial period of plasticity, when detectable changes are easiest to elicit."

To investigate Cooper's theory about the modification of synapses, Ebner and his colleagues raise animals with an abnormal visual experience: They induce monocular vision by suturing or patching a kitten's eye. "This changes the neural circuitry in the brain," Ebner says. "We have created an abnormal brain circuit." The switch from two-eyed to one-eyed vision is called an ocular dominance shift. Ebner can verify this shift by looking at a cross-section of the animal's cortex through a microscope. "The fibers to the visual cortex are vastly altered," he says.

"Then we ask: Can you prevent that abnormality from occurring? By using chemicals, for instance, you could raise the animals so that they were lacking a substance in their brains. If you found the substance affected modifications in the brain, you might have a 'global modulator'—something that affects all cells in the brain in the same way," Ebner concludes.

This sort of "global learning signal," as Cooper describes it, is one of the components of his theoretical model. It would, in effect, change short-term memory to long-term memory by means of a triggering action. "Whether you remember something or not is simply a 'yes' or 'no' question," Cooper says. "So, that 'yes' or 'no' could be a simple chemical that's released and that invades all the neurons at a given time. There are candidates for that chemical—norepinephrine and acetylcholine, for instance."

Mark Bear spent last year in Germany, working at the Max Planck Institute with renowned neuroscientist Wolf Singer. "We tested for a role of norepinephrine and acetylcholine in ocular dominance plasticity," he says. "We destroyed both of those chemical pathways in animals and produced a severe deficit in plasticity." Now Bear continues such neurochemical research at Brown; in addition, he collaborates with Jerry Daniels, a professor of engineering who also works with ocular dominance shifts in kittens.

Daniels is an electrical engineer, and it seems odd to the casual inquirer that he is doing research that seems so biologically grounded. Not really, says Daniels. "I got interested in the nervous system, and learning in general, when I was majoring in bioengineering at Berkeley. All electrical engineers studied the nervous system, recording the electrical activity of the brain. Now I'm looking at the effect of experience and environment on development in the visual cortex."

With one eye closed to produce monocular vision, Daniels's feline subjects are raised in varying visual environments. He has exposed some of them to steady dim light, others to flickering light; some to close objects, others to far-off objects. "We've also manipulated levels of internal chemicals—neural transmitters, hormones—to see how they affect neural development." These laboratory animals, Daniels says, are raised to have limited visual experiences, and in only one eye.

To measure the changes that occur in the cats' brains, Daniels takes the animals to the laboratory and records impulses from the nerve cells in the primary visual cortex. A slim tungsten electrode is inserted into the brain of the anesthetized animal, and connected to amplifiers and a speaker. Daniels and his assistants provide visual stimuli and "listen" to the kitten's brain "seeing." When individual cells are activated, a popping sound comes over the speaker. This occurs about four or five times a second when the cell is at rest, but when it receives the kind of stimulus to which it particularly responds, it fires at the rate of fifty to 100 pops per second. "We study one cell at a time, doing thirty cells per experiment," Daniels says.

The changes Daniels is studying in kitten cortices are, he thinks, related to learning and remembering. "The kitten's brain changes its configuration permanently," he says. "This process can be applied to memory as well." There is as yet no conditioning involved in his experimentation; the kittens are not rewarded for shifting their ocular dominance or responding to one or another visual stimulus. "It's like talking," Daniels says. "We don't remember learning it, but we do it. The basic features of how we get through the world are a function of learning, not conditioning." If he does get into experiments that involve conditioning, it will be with older animals that have developed normal, binocular vision. By blocking one eye, and rewarding the cats for shifting their optic flow in response, Daniels would attempt to effect changes in the brain system long after the accepted period of plasticity has ended. "This might teach us how humans could learn something better and longer," he says.

Restoring plasticity to a system could conceivably have implications for people whose brains are damaged through illness or accident. Damage to a part of the brain called the hippocampus, for instance, can result in an inability to retain any new information. The sufferer might meet you, be introduced, and five minutes later, see you again but have no recollection of having met

you. That is how a man known only as "H.M." is afflicted. He was operated on for a seizure disorder, but in a departure from normal procedure, surgeons removed the anterior portions of both of his temporal lobes, instead of the usual one.

H.M., who is still living thirty years later, cannot now find his way around his own neighborhood. If anyone is introduced to him, he forgets the person's name and face within minutes. This case, and other less dramatic but similar ones, suggest, says Ford Ebner, that memory requires certain regions of the brain to function.

On the blackboard of her office in Metcalf Research Laboratory, Professor of Linguistics Sheila Blumstein draws a diagram of the brain. "If you have damage in here," she says, pointing to a shaded central area, "you've got problems with language. Down here, it's speech comprehension problems. And over here, you'll have naming problems, but speech and comprehension are good."

Blumstein's two areas of special expertise are speech processing (the way people distinguish sounds) and aphasia, the breakdown of language functions in brain-damaged people. Her work with the latter group takes her into VA hospitals in Boston and Providence, where she administers language tests and works closely with neurologists on follow-up studies. Blumstein believes aphasics' loss of language capabilities is a speech problem, not a memory problem—"It's not that simple." She also feels the sort of diagram she has just drawn on her blackboard weakens the case for a totally distributed memory model. "This argues against saying that everything is stored everywhere," Blumstein says. "It turns out that some functions, like motor activity, are localized."

On the other hand, Blumstein points out, "We've had patients with damage distributed among all the areas of their brains. And all of them perform about the same, although the person with posterior lesions will do worse. So, this would argue for a distributed model. I'm sure our neuronal structure has a large distributive capacity. It's not the case that one neuron does only one thing. You can't devastate the system with a very discrete

Neural and cognitive sciences: A new field evolves

It is safe to say that the cognitive and neural sciences are among the most active interdisciplinary areas at Brown today. Provost Maurice Glicksman has estimated that forty to fifty faculty, from a spectrum of academic departments, are working in these relatively young, growing disciplines. The provost's recently-announced staffing plan (*BAM*, December/January) not surprisingly emphasizes continued development of Brown's resources in the cognitive and neural sciences. "I'm interested in promoting an investigation of the role played both by the structure and by the biochemistry of the nervous system, as well as the study of its psychology and external processes," Glicksman said last fall. "The potential is there for advancing our understanding of the way the brain works, the way people think."

Brown has had centers devoted to both areas since the 1970s. The Center for Cognitive Science was formally established in 1977 under the direction of Professor of Psychology Richard Millward, with funding from the Sloan Foundation. Faculty from psychology, linguistics, computer science, applied mathematics, and anthropology, among others, have been involved in studying intelligent systems, both human and machine, and how they process, store, recall, and use information to understand experience. At the moment the Center is located in Sharpe House on Angell Street.

The Center for Neural Sciences grew out of the Center for Neural Studies, created in 1973 to study animal central nervous systems and the human brain. Again, there is a multitude of departmental affiliations: biology and medicine, physics, applied mathematics, engineering. The center has headquarters on the third floor of the Metcalf Laboratory, and it is co-chaired by Leon Cooper, professor of physics, and Ford Ebner, professor of medical sciences.

Five years ago the University created an Institute for Cognitive and Neural Research to help coordinate the activities of the two centers and related work in linguistics, and to bring in funding for research and teaching. Space in the Metcalf Laboratory, vacated by the chemistry department when the Geo-Chem Building was completed, has been given to the two centers and the department of linguistics for offices and laboratories. Some faculty have moved in, others await official relocation by Brown, and still others will remain in their departmental offices elsewhere, but are expected to frequent Metcalf.

"The University has accepted the educational argument that these areas—cognitive and neural sciences—belong together," says Henry Kucera, Fred M. Seed Professor of Linguistics and Cognitive Sciences and the director of the Institute. "In fact, they had been working together at Brown since the early 1970s. A whole new field is evolving, and the Institute will help coordinate our activities and bring us together in this building. At many other institutions, these areas are still much more splintered."

"I think it's terribly interesting that people who have proved themselves in other fields, such as Leon Cooper, are intrigued by problems such as memory," says Professor of Psychology Peter Eimas, acting director of the Center for Cognitive Science. "We're making progress on the hardest problem of all—how the brain works. You can't isolate a problem like this; you need to bring other views to bear on it. Cognitive psychology," he adds, "has been strongly influenced by the work of the neural scientists. And I think we've influenced them by telling them what problems are interesting to us.

"A reshuffling of disciplines may go on at Brown," Eimas says. "Some of the old boundaries between departments might not make sense any more. For instance, I'm not particularly concerned with social psychology, but I'm *very* interested in neurological models of the brain. Many of us are closer today to other disciplines than to our next-door neighbors."

Undergraduate concentrations are offered in both cognitive science and neural science; Provost Glicksman foresees the establishment of graduate programs as well. *A.D.*

trauma. It's a box—a structured system. How is it put together? That's what is fascinating."

Blumstein looks forward to the eventual transfer of many faculty in the areas of cognitive and neural research into the Metcalf Building. There, it is hoped, they will share ideas, question each other's work, and perhaps form new collaborations. "We'll have the potential not only to talk, but also to influence each other," she says. "It will benefit students as well as our research, too; our courses will complement each other. I was trained totally as a linguist. Today's students are so lucky; they have courses in all of these related areas. It's a great way to start out in the field."

"The sharp boundaries between traditional disciplines are eroding," Ford Ebner agrees. "There are so many exciting things happening. We have our anatomical and physiological ways of looking at the visual cortex, but there also could be behavioral tests: What can an animal do with its vision? With new techniques in molecular biology, new procedures are possible. Genetics research in areas such as protein synthesis is spilling over into brain-function studies. It's staggering; things are happening at such a fast pace, you have to kind of hold onto the table! One of the nice things about interacting with a theoretical group," he adds, "is that they keep things in focus. If a technique isn't available, a biologist won't ask a question. But a theorist *will* ask that question. This is especially exciting for people in psychology, who never had a brain science they could interact with before."

Sheila Blumstein
Studies of brain-damaged patients show that some functions are localized, others distributed.

As principal investigator for an Office of Naval Research grant that funds much of the research at Brown on the visual cortex, Leon Cooper is in constant touch with what is being learned. He absorbs it, weighs it against the constructs of his theoretical model, and if indicated, ponders changes to that model. He also is involved in a number of ancillary projects, such as one in which he, Fred M. Seed Professor of Linguistics and Cognitive Sciences Henry Kučera, and Professor of Applied Mathematics Ulf Grenander have modeled a machine system that can learn a primitive language.

It's too early, Cooper says, to draw sweeping conclusions from any of the research on memory, learning, and the mind at Brown. "What I can say at the moment is that we have a theory of this entire [neural] network which, in my opinion, explains much that has been observed concerning plasticity in the visual cortex, and has suggested some intriguing new relationships that are on the verge of being seen in experiments that are underway. The primary value is that we have developed a theoretical language that talks to the experimentalists, probably for the first time. If we can talk to each other successfully, we will have created an interaction that just opens everything up.

"The entire notion that the brain is too complicated, that it's beyond us, will rapidly began to evaporate. We're looking at it the way you look at every other system. And we're finding it's extremely complex. There are hard problems, but you just work away on it. Memory, of course, is one of those things that is so rich, you want to explain it. I think we can understand it eventually; I'm convinced that consciousness and awareness and all those cognitive properties will come out as wonderfully subtle properties of a very complex system."

The work continues. Can we understand memory? Can we know our own brains? This remains to be seen; but piece by piece, researchers at Brown and elsewhere are putting the puzzle together. "If you understood how memory worked, you could understand the mind," says Jim Anderson. He considers the process he's involved in, smiles, and adds, "Speculation is great fun." B

WE ARE EVER (9-5) TRUE TO BROWN

The Brown staff: loyal and, yes, diverse

By Katherine Hinds

Photographs by John Forasté

"What will you be doing over the summer?" Or during the semester break. Or over spring vacation. We—the staff at Brown—get these questions from students, from faculty, from family, and from innocent bystanders, and we get them with predictable regularity.

It makes sense to assume, because a university revolves around academic life, that without the gears of academia turning the rest of the machinery stalls, too. Not so. Brown, like most colleges and universities, is operating five days a week and more, fifty-two weeks a year—when there are thousands of students and faculty members clogging the sidewalks, classrooms, libraries, cafeterias, and parking places, and when there aren't. The life of the university goes on. The bread is baked, the mail delivered, the bills paid, the books shelved, the lab animals tended, the swimming pool cleaned, the magazine edited. For most staff members and administrators at Brown, their work is a full-time job. So the answer to the question, "What are you doing this summer?" is generally, "This summer I'm doing what I do the rest of the year: I'm working."

A university is different from other kinds of businesses, in that there are different and distinct strata. The students, faculty, and staff are in many ways separate entities. One way to look at the picture is to see that the staff exists to serve the other two constituencies, without whom there would be no university. A more satisfactory view, at least as far as the staff is concerned, is that all of us—students, faculty, and staff alike—are in this together. And what is "this"? To borrow from science fiction, this is a journey we have embarked on to boldly go where no man has gone before—to push forward the boundaries of scholarship and knowledge. By baking the bread and reshelving the books and filling out the forms that pay the University's bills, the staff keeps the machinery lubricated and ready to roll.

During the month between semesters, the campus at Brown keeps quiet counsel. But in various corners of the University, the staff is performing myriad tasks—some of them routine, others delightfully unexpected. Profiled below are eight staff members from different areas of the University.

William McKenna: Manager, Textbook Department

When he is in the middle of textbook-ordering season, Bill McKenna says, "I sometimes wish I had more than two ears; and I definitely need more than one mouth."

McKenna's desire for additional anatomy is a direct result of the craziness inherent in ordering, receiving, and stocking 3,000 separate titles of textbooks for the upcoming semester. He spends hours on the phone—two

William McKenna: "An interface between academic desires and financial restraints."

lines at a time—every day, cajoling publishers and book wholesalers so that on the first day of classes, all the books students need will be on the shelves.

The process of ordering books for second semester begins a mere month into the fall semester, when faculty members are asked to submit their orders. McKenna explains that because there is stock left over from fall that may be used second semester, he needs to know early on which books can be returned to publishers and which can be kept in stock. "Unfortunately, we receive few orders early—we get the bulk by the middle to end of November. And for the most part faculty expect those books to be on our shelves the first day of classes," an expectation that is usually realized "with a great deal of extra effort, lots of overtime, and pressuring publishers," McKenna adds.

The ordering of a single textbook follows a route that includes: searching to see if the book is in print, if it's in hard or soft cover, what its correct title is, if it's been used in a course at Brown previously, if there is any inventory on hand. After a lengthy research process, the information is passed to McKenna who will come up with "the magic number" of how many books to order. "I use the pre-registration figures for a class, in addition to knowledge I have about each course. I don't want to over-order, and if I knew for sure how many students were going to be in a class I wouldn't have to order extra. But the job is complicated by Brown's encouragement of students' 'shopping around' for courses. It makes it very difficult for any of us to know how many students will be in a course."

If McKenna has undershot his "magic number," then re-orders are part of the game. And he is under a "significant" amount of pressure to get the re-orders to the bookstore quickly, or students will go elsewhere for the books, and returning his inventory to the publishers is "a hassle—and expensive. Books are expensive to ship."

McKenna meets with faculty representatives once a semester to go over any problems they might have with his department's performance. "The bookstore occupies a unique position at the University," he says. "We're helping with the academic mission, but we're also a business. We're an interface between academic desires and financial restraints. Our success is measured in part by the number of titles we have on the shelves the first day of class, and how many re-orders we have to make. If I could spend any amount of money, I could get all the books we need, but I have financial concerns.

"I'm cognizant of the fact that if a lot of people aren't banging on my head, things must be going right."

James Conary: "I feel at ease in the presence of plants."

James Conary: Horticulturist

The quiet in the greenhouse is deafening. Occasionally a soggy "plunk" will resound throughout as condensation drips off the glass panes of the ceiling and forms puddles on the floor. If fire were green, this place would be one riotous blaze of green flames, licking and lapping at each other, streaked here and there with tongues of yellow sunshine. The humid aroma that seems thick enough to bite is reminiscent of the best kind of spring day—of fresh-cut green grass and wet, black, spongy soil; a trace of pungent fertilizer, the promise of new growth yet to come.

Jim Conary is walking between the rows of plants and trees and shrubs, describing his job. He is the horticulturist in the greenhouse at Brown, the nursemaid to this particular nursery.

"Basically, I maintain specimens for botany classes," he says. "I provide hands-on specimens for students to look at and observe. I also provide a certain environment for students to come in and enjoy. Many students come here between classes, just to relax and take it all in. I help students get their botany experiments started, either by growing their plants or helping them grow them. I also serve as a liaison with the community. I get calls from people asking me what's wrong with their house and garden plants, and I advise them."

Conary arrives at the greenhouse at 7 every morning—a time, in the cold winter months, that is most crucial for the plants. "Throughout the night, the warmth built up in the greenhouse seeps away," Conary explains. "The hours right before dawn are the coldest, of course, and it's important for me to be here as soon as possible after that to monitor the temperature."

Conary is responsible for watering and fertilizing the plants and acquiring specimens for the collection in the greenhouse. He is drawing up the plans for an aquatic pool, complete with fish, for the greenhouse, so aquatic plants can also be available for study.

Conary began working in a greenhouse in Pawtucket when he was thirteen. His interest in nature and biological sciences led him to the University of Rhode Island, and although he set out

to study entomology—bugs—he wound up in plants. Before coming to Brown, he grew plants commercially, and he says he's content working in an academic environment now.

"In the commercial world, you're under a lot of stress. Here the stress is a bit different—you're under stress to make sure you have all the kinds of specimens. Right now, between semesters, is planning time. I will be buying seeds to sow as soon as the purchasing department approves the money. There's always something to do around a greenhouse. It's really a farm under glass.

"I feel at ease in the presence of plants. This job can be lonely, but there is a real presence of life here. Professional plant growers are used to some solitude; we're loners. And although I don't talk to the plants, I communicate with them. Sometimes an 'alarm' sounds, and I will go over to a group of plants and ascertain what's wrong with them."

His advice to someone who complains of a lifelong "black thumb" is that if a plant receives proper basic care—light, moisture, and minerals—the plant will thrive. "I tell people if they think they have a black thumb, that maybe there's something in their home that isn't good for the plant—maybe traces of gas, or other chemicals. Or maybe they are watering their plants too much or not enough."

Surrounded by his vegetable kingdom at Brown, Conary admits he only has two house plants in his home. "I get enough of plants here."

Steve Zimmerman: Manager, Computer Operations

One office at Brown is open twenty-four hours a day, seven days a week, with only four days off for holidays every year. The computer center, which houses and maintains the University's central, mainframe computer, is open and staffed nearly every minute of the year.

"Most universities leave their machinery unattended at night," says Steve Zimmerman, the manager of computer operations at the center. "But I don't believe in that philosophy. We have nearly $7 million worth of equipment in this building, and to risk damaging that equipment [by leaving it unattended] isn't worth it."

Steve Zimmerman: "I have to run this place as a business."

The computer center, with Zimmerman's fifteen-member staff, is providing computing services for the entire University, as well as the seven affiliated hospitals, and a small number of private companies and organizations around Providence. The sheer volume of work produced by the center is staggering. According to Zimmerman, they run thousands of jobs every week. The laser printer attached to the computer prints 16 million sheets a year—"divide 16 million by the number of minutes in a year, and you'll see what our productivity is like," he says.

The center is responsible for processing five unique payrolls at Brown—every employee's paycheck is processed by the computer. Many courses—and more all the time—are reliant on the mainframe computer for course work; faculty members record their grades and tests on the computer; graduate students use it for writing their theses and dissertations; the *BAM* is written and typeset on it.

"We have a lot of information stored here," Zimmerman says simply. "Basically, we're a service organization for our users. And like any kind of service organization, we're measured by the level of our service. In a service, you're measured not by what you do, but by what you don't do. There is an expectation in our users' minds that the product will be delivered."

Most of the time the product—computer services—is delivered. Zimmerman says that the computer is up and running 99 percent of the time. And, when it's down, it's his responsibility to get it functioning again, quickly, and figure out the priority of the jobs that were left hanging when the computer crashed.

"It would be easy for me to fall into the 'go somewhere else if you don't like what we're doing' category," he says, "but I have to run this place as a business. The quality of my service has to be consistent. I look at other, comparable services and make sure that my service is the same or better. My sense of professionalism makes me feel this way."

Zimmerman is on his feet most of the day, troubleshooting, smoothing out potential problem areas, wheeling and dealing. "I try to make sure that this department stays vibrant, and one way to do that is to get and maintain more equipment. The library recently purchased its own IBM mainframe computer, and it's upstairs. We maintain it for them, instead of their staffing a computer room at the library. Then we send them an itemized bill. We also have recently taken on an array processor for the applied math department.

Zimmerman, who recently got his M.B.A., says that working at Brown "is my Ph.D. Hardly a day goes by that I do what I think I'm going to be doing. We have state of the art technology and staff. There have been quantum leaps in the changes in these machines in the last fifteen years, and the thought of what the next ten years is going to bring really excites me."

Ruth Oppenheim: "The procedures don't take precedence over the people."

Ruth Oppenheim: Academic Department Manager

The list of people and programs under Ruth Oppenheim's aegis reads like an academic grab bag. As academic department manager for the English department, she handles all activities pertaining to: forty regular faculty members, two adjunct and two visiting professors, ten adjunct lecturers, teaching assistants (about fifty a year), 100 student concentrators, five clerical employees in four different buildings; as well as various programs—the graduate writing program, the Program in Literature and Society, semiotics; two literary publications, *Novel* and *Modern Language Studies* ("I only handle part of their budget," Oppenheim demurs); and the Copper Beach Press (*BAM*, April 1983), which made her a managing editor recently.

"I feel very strongly about nurturing them all along," says Oppenheim. From the strategic location of her office, first door on the right directly beyond the front door of Horace Mann, Oppenheim is able to observe closely the comings and goings of one of the largest academic departments on campus. Annual enrollment in English courses tops 4,000, many of whom will pass Oppenheim's door coming to and from classes. Oppenheim admits she's not one for "shutting myself off. I like getting involved with problems. The people exposure is a big component of this job, and I'm proud of my rapport with faculty and grad students." She will also champion the individual student or faculty member who gets caught up in bureaucratic rigamarole. "I'm a great believer that the procedures don't take precedence over the people," she says briskly. "You can't forget about the individual case."

Before she came to work at Brown, Oppenheim worked in the German department at Harvard. Although her family left Germany in 1940, Oppenheim retains her German accent. She says former department chairman and professor emeritus A.D. Van Nostrand hired her, "although I didn't fit into any 'box'—there I was with a German accent, applying for a job in the English department."

In the twelve years she has been at Brown, Oppenheim has worked for four department chairmen, and she says she hopes she has given the department a sense of continuity. Working for four chairmen with different styles has required flexibility as well. Oppenheim has a calming presence and a philosophical approach to life, both prerequisites for her job.

"Working in this department has been a learning experiment for me," she says. "Being surrounded by all these writers got me to thinking of writing myself." This thought became reality last spring when Oppenheim's autobiographical story about her Jewish family's experiences on *Kristallnacht* and their subsequent immigration to America was published in *Moment* magazine. The story, which she says took her a year to write, was cathartic, and something she felt she had to do for her children. "And I probably wouldn't have written it, if I hadn't been in this kind of environment."

Catherine Denning: Curator, Annmary Brown Memorial

Few people spend their entire workday ensconced in a tomb. But Catherine Denning '79 A.M. does. She is the curator at the memorial that Rush Hawkins built for his wife, Annmary Brown: a memorial that houses his collection of incunabula (books printed before 1501), mementos of their relationship, and their tombs.

"They're buried here," Denning says, pushing open the heavy, leaded door at the back of the memorial. A blast of cold air pours out of the dark room. "This part of the memorial is built of three kinds of marble and holds the cold in. I store crates of champagne in here when we have receptions, and the tomb chills it quite nicely."

Denning works alone at the memorial, which is a square, marble building on Brown Street. The building has no windows: "Hawkins wanted it to look like a tomb," Denning explains, and it does. She is responsible for

Catherine Denning: "The responsibility is a little scary."

physically running the memorial, as well as helping people with research and sponsoring the concerts and lectures held there. And, the memorial is headquarters for three academic disciplines: Renaissance studies, ancient studies, and medieval studies. Denning supplies administrative support services for all these programs. "I'm not strictly a librarian or a curator or a tour guide for the tourists who come in here. I'm all of them. The variety is great."

The collection of incunabula Denning oversees is one of the five best held by a university in the United States. "Hawkins collected by imprint," says Denning, "not by subject or author. The collection ranges over a broad cross-section of interests; there's a good deal of theology and early scientific books. Now that the history of science is becoming important, we will get more people coming here to study these books."

When Denning first became curator of the memorial, in 1979, she read all of Hawkins's books and Annmary's scrapbooks, and she can talk about their relationship as if they were her good friends. And perhaps they are. She even resembles one of the portraits of Annmary—something she is told frequently.

"Annmary and Hawkins fell in love at first sight, from all accounts. One of my favorite things in here is the locked box of love letters Annmary wrote Hawkins. We're not allowed to open them. Ever. And we are legally required [per Hawkins's request] to put a wreath of spring flowers on Annmary's grave on her birthday, and leave it there until it shrivels and dies. Very romantic."

The sense of romance and the sense of history the memorial impart are important to Denning, but, a Renaissance scholar herself, she says one of her favorite things about working in the library is when she is going through one of the pieces of incunabula and comes across a small notation made in the margin. "I'm seeing across the centuries into someone's mind," she says with a small shiver. "That fascinates me. And sometimes the thought of the responsibility I have here, looking out for these things, is a little scary."

Fred Yattaw: Supervisor, Faculty Mailroom

Some of the most recognized faces on campus belong to the people who work in the student and faculty mailrooms. Fred Yattaw, who is responsible for both mailrooms, has been at Brown for almost eighteen years. He looks as if he has just graduated from college himself—perhaps it's the blue jeans and flannel shirt.

"That's what I like about working here," he says. "The informality."

According to Yattaw, the people in the mailroom do everything the United States Postal Service does. When mail is delivered at Brown, the USPS separates all mail addressed to faculty and administrators and gives it to the faculty mailroom. "The USPS handles all student mail that is addressed properly," Yattaw says. "If it's not addressed properly, they give it to us. They operate a service window [selling stamps and other USPS services], and we do all the rest."

"All the rest" includes processing close to 2 million pieces of mail a year. "We had 140,000 pieces of outgoing mail in December," says Yattaw. "And we estimate that each piece of mail is a response to an ingoing piece, or will bring one back in, so we estimate that we must handle nearly 2 million pieces a year. And that doesn't include campus mail, of course."

People often ask him how he and his staff can do what they do all day. Yattaw agrees that it's not the most stimulating job in the University, but there is a certain atmosphere to the place that they all like. The post office area is an ongoing fair—with booths selling wares, ideas, and events. "Working in Faunce House is sort of exciting," says Yattaw, "although it does have its drawbacks. Students were advertising a James Brown concert a couple of years ago and playing a tape of his music. I would hear that tape five or six times a day, which was more than enough.

"As for supervising this mailroom, I don't mind what goes on, as long as the job gets done. We play classical music here in the morning, and rock and jazz in the afternoon. And we are constantly discussing the issues —politics, sports, religion. Sometimes the discussions get quite heated."

Fred Yattaw: "We estimate we handle 2 million pieces of mail a year."

Suzanne Bertrand: Editorial Assistant

Although it might be expected that someone with the title of "editorial assistant, Brown University Press," would be speaking about her job above the roar of a printing press, Suzanne Bertrand doesn't have to raise her voice to be heard. There is no actual press at the Brown University Press; and since 1981, the Brown University Press has existed as part of a consortium, the University Press of New England.

"A lot of my time is spent on the phone," says Bertrand, "redirecting people to the right outfit. People call thinking we publish the *Brown Daily Herald*, the *George Street Journal*, the

Suzanne Bertrand: "When I came here, I thought I was just passing through."

BAM, and the yearbook."

The press, as part of the consortium, publishes scholarly books. The editor of the press is philosophy professor Ernest Sosa, who is also co-editor, with philosophy professor Rod Chisholm, of the *Philosophy and Phenomenological Research Journal.*

Bertrand serves as a liaison with the University Press of New England, and as an editorial assistant for the philosophy journal. Her career began with the press twenty years ago, when she was hired as a secretary. Gradually she worked her way into performing editorial tasks.

"When I first started working here, the press was independent and different. We were publishing ten to twelve books a year. As the staff would get cut, my duties would change. Then in 1979, the director's position was phased out, and all the staff that remained was me and a copy editor, finishing the last book. We were in limbo until we joined the consortium."

Her work on the *Philosophy and Phenomenological Journal* includes typesetting, paste-up, and layout of the quarterly journal. She proofreads the galleys, and is responsible for keeping track of all manuscripts submitted.

As the sole full-time employee of the Brown University Press, Bertrand says, "I have a lot of freedom." Because of her independence, and the way her job has evolved, she has made a career at Brown. "When I came here, I thought I was just passing through. I didn't even join the pension plan for ten years."

John Forasté: University relations photographer

Who is this unmasked man? Some hints: For lunch he prefers veal cutlet grinders from Loui's. He eschews shoes for sneakers, and legend has it that he owns a dressy pair of running shoes for the times he has to wear a suit. One of his family's cars sports the license plate "SNEAKR." He is a passionate softball player and a perfectionist nonpareil. His name appears more often in each issue of the *Brown Alumni Monthly* than any writer's, and it is through his exacting eye that readers of the magazine view Brown. He is John Forasté, photographer for University relations, in front of the camera for a change, instead of behind it.

John Forasté: The man and his mission.

Forasté recently passed two milestones: a ten-year anniversary at Brown and his fortieth birthday. For ten years Forasté's photographs have lit up the pages of the *BAM* with his inimitable style that encompasses beauty, grace, and wit. We have all—writers and readers alike—benefited from his extraordinary talent. B

Louis Redding's Fight for

'We were not trying to change our lives. We were trying to change our opportunities as American citizens'

By Laurie Hays

The first time Louis L. Redding '23 walked into a Wilmington courtroom he got thrown out. It was during his Christmas holiday in 1926. He was a second-year student at Harvard Law School, well-dressed and peacock proud. He entered a courtroom in the Public Building in downtown Wilmington and sat down in the first available seat. As he did so, a bailiff approached from behind, tapped him on the shoulder, and beckoned to him.

Redding remained seated.

The bailiff, determined to complete his task, yanked Redding up, took him outside the room and informed him he was sitting on the wrong side of the spectator section, the side that was reserved for whites.

Redding left. He resolved he would not return until he was a lawyer and could personally do something about a legal system that seated blacks in one place and whites in another.

In 1929, at age twenty-eight, Redding became Delaware's first black lawyer. Though others had tried, none had succeeded before him in breaking the color barrier of the Delaware bar. It would be twenty-six years before another would follow. He began his fight for equal justice with the courthouse itself. Before his career ended, he would win several landmark court decisions in the civil rights movement, including the Delaware public school case that became part of the historic 1954 U.S. Supreme Court decision of Brown vs. the Board of Education, which desegregated schools all over the country.

The victories did not come easily. Redding made personal sacrifices coming back to Delaware. He lived outside Wilmington, in Pennsylvania, so his three daughters would not have to attend segregated schools or grow up in a segregated society. He was excluded for the first twenty years of his practice from the Bar Association, the state's legal fraternity. He was a loner whom some white lawyers in town regarded as hostile and arrogant.

Last fall, with little notice, Redding, eighty-four now, closed his office in the Mellon Bank Building. He did not send out cards announcing his retirement from the practice of law. He was not feted at dinners nor was he wined and dined by his colleagues. He, his wife, Gwendolyn K. Redding, and some colleagues packed thousands of records, briefs, and speeches into cardboard boxes and took them home, where he continues to work over them.

Dignity and Decency

RON DUBICK/*Wilmington News-Journal*

The retirement of the always elegantly dressed and dignified attorney marks the passing of an era. It was an era when equal justice for blacks meant gaining equal access to opportunities they had been denied. It was an era when a handful of black lawyers around the country, Redding among them, broke the barriers and opened the way for a future generation.

Redding's name and his work have taken their place in the history books beside those of other early heroes of the civil rights movement: U.S. Supreme Court Justice Thurgood Marshall, who headed the Legal Defense Fund in those days; Jack Greenberg, who succeeded Marshall; James M. Nabrit, Jr., who became president of Howard University; and Third Circuit Court of Appeals Judge Collins J. Seitz, the Delaware vice chancellor who decided the cases that were Redding's first triumphs.

Greenberg, now a professor of law at Columbia Law School who worked with Redding on the school cases, said of him recently, "Lou's contribution was his steadiness and perseverance and being there—all that in the face of adversity. He was the one man in a whole state actually standing up and doing something with decency."

To Redding, his accomplishments do not seem heroic.

"I don't know that I'm a hero at all," Redding reflected in a recent interview at his country home. "I grew up with a generation of lawyers who were interested in changing some things. That is, I grew up with a generation of lawyers that exerted itself to abolish distinctions ... wherever those distinctions were based solely on color. Of course, they should have been abolished long before. All we did was our duty, not only to the people who were discriminated against, but to this so-called democratic country."

When Redding graduated from Harvard, he had aspirations of practicing law in a big Northern city free of the limitations of his color. Delaware, his home state, was as segregated as much of the Deep South. Blacks could not eat in white restaurants, see movies in white theaters, or sit in sections of the courtroom reserved for whites. The legal community was not only all white, but also snobbish and tight-knit.

It was Redding's father, a Wilmington letter carrier active in the National Association for the Advancement of Colored People, who wanted his son to come back home and become the state's first black lawyer. It was also Redding's father who inspired his son to fight back.

"I can't say I had any urge to practice law in Wilmington, but of course, that is where my parents lived," Redding says. "My father was familiar with the fact that no Negro had ever been admitted."

Louis Lorenzo Redding was born on October 25, 1901, the first of five children of Lewis Alfred and Lillian Holmes Redding.

The elder Redding and his new bride came to live in Wilmington in 1900 from Washington, D.C. He had earned his degree at Howard University and was teaching English at the university, but could not earn enough to support a family. His older brother lived in Wilmington at the time and persuaded them to join him.

The Reddings' first home was on East 12th Street, deep in Wilmington's East Side. It was a place that Louis Redding's brother, Jay Saunders Redding '28, a Cornell University professor who became a well-known author of black history, would describe in his book, *No Day of Triumph*, as "unpleasant," adding, "It seemed that everything anti-social happened there."

Saunders Redding said his parents, though they did not belong to the society of whites, also did not belong to the dark society of the East Side, where there were whores, pimps, and violence.

Eventually, the family moved to 203 East 10th Street, then a white neighborhood. Their furniture was moved in the daytime, "for furniture has no race," Saunders Redding said. But the family moved into the new house at night, traveling in a rubber-tired, horse-drawn carriage their father hired.

Saunders remembers his mother "in a rage and tears" the day another black family moved into their neighborhood. It later became a black neighborhood.

The elder Redding first ran a grocery store on the East Side, but gave it up after he went into debt because his customers never paid their bills. He then joined the postal service and became one of about four black letter carriers in the city.

A well-respected leader in the black community, the elder Redding founded the first YMCA for Negroes in Wilmington, served as secretary of the Wilmington Branch of the NAACP, a trustee of Bethel AME Church, and a member of the board of the Layton Home for Aged Colored Persons.

Saunders Redding wrote that his father was "driven by more than the necessity to provide a living for his family. Surrounded by whites both at home and at work, he was driven by an intangible something, a merciless, argus-eyed spiritual enemy that stalked his every movement ..."

Redding and his siblings attended Howard High School. Until 1951, it was the only high school in Delaware that blacks could attend. The textbooks were discards from all-white Wilmington High. Asked whether he ever felt humiliated by segregation, the hand-me-down textbooks are the only example Redding cites from his life.

He says, "I can think of no instance in which I suffered or my clients suffered because of animus based entirely on race or color ... I don't know what you mean by humiliated. I was acutely aware ... of distinctions made in certain areas between blacks and whites. I went to segregated public schools in Wilmington ... I don't know how any kid could have had the experience of using a textbook discarded from a high school for whites without feeling he was playing second fiddle to the whites. Almost anybody could have that kind of feeling."

The teachers at Howard were first rate, even if the textbooks were not. Many had degrees from New England colleges and they were enthusiastic supporters of the students. When Louis and his sister C. Gwendolyn Redding left Wilmington together in the fall of 1919 for Brown and Pembroke, the teachers and students of Howard came to the railroad station to cheer them.

Gwendolyn Redding, who became one of Howard High School's best-known teachers later in life, left Brown after her first year to attend Howard University. Her brother stayed and excelled. One of five or so black men in his class, who liked to call themselves "the Browns of Brown," Redding won numerous oratory contests and was selected to speak at his June 1923 Commencement. The title of his speech was "The Significance of Booker T. Washington."

For several years after Brown, Redding taught English in the South. His father wanted him to be a doctor because that was a profession he could pursue without being restricted by his color.

But Louis Redding decided to become a lawyer. He had been impressed by several black lawyers he had met while at Brown and liked their offices in tall buildings in downtown Boston.

He believed that, like them, he could have an office in a large building and perhaps also have a practice that would include white clients. He chose Harvard simply because it had the reputation of being the best law school in the country. He was about the fourteenth or so black student ever to graduate from the law school and the only black student in his class of about 200 students.

The exposure Redding received at Harvard to some of the country's great thinkers and the liberation he felt in a big Northeastern city would remain with him for the rest of his life. After his return to Delaware, he linked himself to that world with frequent trips to New York, where he shopped for his clothes at exclusive men's stores like Brooks Brothers and J. Press. He researched and prepared briefs for all his big cases at New York law libraries, which were more extensive than those in Wilmington. He took frequent trips to attend the theater and concerts in New York or tennis matches at Forest Hills, N.Y.

Says Redding, "I went to college and law school in New England, which meant for seven years I lived in a community where that kind of proscription [of Wilmington] was not enforced. It was highly distasteful to me coming back to Delaware after having had the unchallenged right to go to places of public accommodation without being insulted or discriminated against."

In fact, Redding says, Wilmington for blacks was a "hellhole, in many regards."

After deciding he would return to Delaware, Redding's first problem was how to get himself admitted to the Delaware Bar. At that time, and still today, young lawyers must find themselves a preceptor who agrees to sponsor their admission. Redding believes this system was originally intended to keep out blacks and other "undesirables."

From law school, Redding wrote letters to numerous Wilmington lawyers. Most declined to help him. Two, however, said they would help. The first was the late Robert H. Richards, Sr., the founder of the Wilmington law firm Richards, Layton and Finger, chairman of the Republican Party, and one of the state's most powerful lawyers. Richards told Redding he would help if nobody else offered.

The second was Judge Daniel O. Hastings, who did sponsor Redding. A Republican who soon afterward became a U.S. senator, Hastings agreed at the behest of Redding's father. The senior Redding was influential in the black community and could help Hastings with black votes when he ran for office. Most black voters were affiliated at the time with the Republican Party, the

In 1929, at age 28 Redding became Delaware's first black lawyer

party of Abraham Lincoln.

Redding, however, did not actually work in Hastings's office, as other young attorneys did during their apprenticeships. Blacks were not welcomed in Hastings's office, so Redding spent all his time in the law library studying on his own, determined not to fail the bar exam.

When he passed, and it became known that Hastings would move his admission to the bar, Redding's success was noted in *The Wilmington Sunday Star*: "The ice has been broken in Delaware. Within the next year, barring unforeseen developments, this State and particularly this city, will have a full-fledged Negro lawyer ... Though the present age is supposed to be living down racial prejudices, it has remained for young Mr. Redding to break through the barriers of years and years standing."

Now a full-fledged lawyer, Redding set out to right the wrongs he had experienced. In an office at 1002 French Street, around the corner from his parents' home, where he was living, he sat down and wrote to a Municipal Court judge. Redding does not remember who the judge was, but he told him he objected to the segregation of spectators in Wilmington courts.

The judge responded that it was the bailiffs who segregated the spectators. Redding inferred from the answer that the judge, who had the final word on such matters, would not object if the section were integrated. So from then on, Redding carefully instructed all his black clients, their friends, and relatives who came to the municipal courtroom, "where *not* to sit. I didn't want them to accept the segregation that was being fostered in a courtroom where they were supposed to get equal justice."

He later desegregated the spectator section of the federal courthouse by instructing his first wife, Ruth Cook Redding, who had come to see him try a case there, to make sure she sat on the side where the whites were sitting. He promised to be there to smooth the way but, as often was the case, he arrived late. The bailiff told Ruth several times to move and when she refused, he left her alone.

Segregation, of course, did not disappear all at once, and it was everywhere.

As the only black lawyer in Delaware, Redding traveled up and down the state, trying cases in Dover and Georgetown, as well as Wilmington. He had a general practice, as most lawyers did in those days, that consisted of divorce work, defending criminals, title searches, and business incorporations.

On his first trip to the courthouse in Dover, a bailiff told him to move because the seat he was occupying was reserved for lawyers. Redding responded, "Look, I'm a lawyer," and the bailiff went away.

On his excursions downstate, there was no place Redding could stop on the road for a cup of coffee, except one drugstore that he discovered in Sussex County that served blacks. These rejections, however, only served to inspire him further. He did not fit into the establishment. Anybody who did belong was not willing to rock the boat, thus he had to attack it from the outside.

He recalls, "I suppose there was an inherent anger, but I think more than anger, one realized that he was being limited and that kind of limitation based entirely on color or race should not be. So, I suppose it simply became necessary to eliminate distinction found solely on color and race. I'm pretty sure that kind of inspiration is part of my background."

It should not be surprising that it took someone like Redding, with a particularly proud personality, as well as determination and intellectual ability, to change the way blacks and whites lived in Delaware. But it is one of the paradoxes of Louis Redding that he was someone who was often regarded as arrogant and hostile and a bit of a snob.

Like most lawyers in those days, Redding's practice dealt with all manner of cases. Most of his clients were blacks, many of whom were poor. In the early days, he also represented accused sympathizers of the Communist Party who were pulled into court for violating meeting ordinances of the city of Wilmington.

Yet Redding was himself among the elite. He always wore expensive, well-tailored suits, wrote with Cross pens, and spoke impeccable English in his noted Harvard accent.

He socialized with other black professionals, doctors, and teachers from New York as well as Wilmington. He lived in an eighteenth-century house on a nine-acre farm with beautiful trees and a small lake in Glen Mills, Pennsylvania. His only pastimes outside of work were his family and occasional late-night poker games.

Though he was always eager to take up a case for the underdog, Redding was quick to criticize those with less education in their background than he had.

On one occasion, Ruth Redding recalls, they attended a country church service where Louis was the guest speaker. At the start of the service, a man from the congregation offered a long prayer, laying out before God the hopes and promise of the civil rights struggle.

Ruth Redding told her husband on the drive home that she had been very moved by the prayer. He responded, "The grammar was terrible."

Ruth Redding says this ambivalence may have stemmed from Louis's belief that "if you were the first, you had to be great. Because if you didn't turn out to be great, it would be hard for the next generation. We accepted this as a way of life."

Ruth and Louis Redding's life was not always easy. They were married in 1944, at a time when Redding's work demanded long hours. She was many years his junior and was finishing her degree at Hunter College when they were married. She now teaches mathematics at Henderson High School in West Chester, Pennsylvania.

Wilmington's strict segregation made daily living more difficult for the Reddings. When she made an excursion into Wilmington with her three daughters—Ann '72, Rupa, and Judith—Ruth had to make sure they stopped for Cokes or ice cream cones before they crossed the state line because they would not be served in Delaware.

In 1951, on the day when Redding

began the public school desegregation cases that became part of the 1954 U.S. Supreme Court case of Brown vs. the Board of Education before Vice Chancellor Seitz, Ruth went into labor with their first child, Ann. A life-threatening complication developed, and Ruth's mother scolded Redding on the telephone for not being at his wife's side.

Ruth told her to leave him alone. He must stay or face the possibility of getting a judge who would not decide the case the way they thought it should be decided.

Though ever-present in the courtroom or in the Recorder of Deeds office, where he researched land titles, Redding remained most of his life a stranger to most of the white legal establishment of Wilmington. The Bar Association had not invited him to join until sometime during World War II, and of course that made it difficult to socialize with his colleagues.

Redding's life was further complicated in the late 1950s when, in the midst of the Brown case, the House Committee on Un-American Activities identified Redding as a member of a Communist-supported committee that was trying to discredit Congress and FBI Director J. Edgar Hoover. He also was prosecuted and acquitted in 1956 on charges of failure to file his federal income taxes in 1953 and 1954.

Edmund N. Carpenter II, a young attorney at the time for Richards, Layton and Finger, defended Redding and became one of the few white lawyers to befriend him.

It was difficult for people to communicate with Redding partly because of a hearing problem. He could not hear people and consequently often did not return greetings. He still refuses to wear his hearing aid. It was also difficult for people who did not know Redding to understand him or see his lighter side and his sense of humor.

"He was a loner and was indeed considered hostile, even to the white lawyers who would have been friendly," says one attorney who knew Redding. "He was largely ostracized because he was black and because of his attitude ... I admired him because I knew what he had been through."

Redding's law career was briefly interrupted by World War II. The federal government recruited him to work in the New York City Office of Price Administration, which supervised the price control program during the war.

When he returned to Wilmington at the end of the war, a new consciousness was in the air. It had become evident to many during the war that it was not fair for blacks to die for their country but live under segregated, second-rate conditions. Protests developed and Thurgood Marshall, a young black attorney for the NAACP, began traveling around the country fighting cases of racial injustice.

Marshall was also forming a legal network that would become known as the Legal Defense Fund, an organization dedicated to deciding strategies for eradicating segregation and creating equal access for blacks. It was with the aid of the Legal Defense Fund and Greenberg, a white attorney from Long Island, that Redding fought his big cases.

The first of those began in 1949, when nine black students from Delaware State College came to see Redding. They were not satisfied with the scope and depth of courses at the college in Dover, a place Redding characterizes as "a college in name only. It did not properly prepare its students for life."

The students had applied to the University of Delaware and been denied admission. The president of the Board of Trustees wrote back to each of them telling them that because they were colored, they had to go to the college.

So they came to see Redding. It was just the kind of case he had been waiting for. Breaking down segregation not only required a lawyer willing to fight it, but also required clients who were willing to go forward in the battle.

When the students came to Redding, he called Thurgood Marshall and told him he had a good case. Marshall dispatched Greenberg, who had just finished law school at Columbia and come to work for the fund.

Redding and Greenberg worked tirelessly. They prepared their briefs and arguments, and interviewed witnesses at night so as not to expose them. Redding had the connections in the black community and also found, to his surprise, that the president of the university was sympathetic to the blacks' side. Greenberg brought to the case his legal expertise in constitutional law.

When the case came to trial in 1950, Redding and Greenberg found themselves before then-Vice Chancellor Collins J. Seitz, who had been appointed to the bench in 1946 at age thirty-one.

Seitz, one of Delaware's first Catholic judges, was sympathetic to Redding. He hated segregation and was disturbed by the treatment of blacks he had witnessed as a law student at the University of Virginia.

Seitz found the University of Delaware case easy to decide. After hearing the arguments, he hopped in a car, toured both campuses and found the Dover school completely inferior in quality to the university in Newark.

He could not disregard the U.S. Supreme Court's decision of Plessy vs. Ferguson, the doctrine of separate but equal. But he decided that since the two institutions were not equal, the university was discriminating against blacks. He ordered the black students immediately admitted. The trustees did not appeal his decision, and the University of Delaware became the first state-supported undergraduate school in the country desegregated by court order.

The next school case that came along would take Redding and Greenberg all the way to the U.S. Supreme Court and become part of the Brown decision with three similar cases from Kansas, South Carolina, and Virginia. The court heard all of the cases together and decided "in the field of public education, the doctrine of separate but equal has no place."

The Delaware chapter began with a visit from a woman named Sarah Bulah, from Hockessin. She came to his office in 1950 complaining that the school bus picking up white children came right by her house and went right by the black school, yet would not pick up her daughter and drop her off at the black school. She wanted Redding to file a lawsuit that would make the bus transport her daughter, too.

"I told her I would not get involved in such a limited matter," Redding says. "But if she wanted her daughter to go to the white school, that I would do. She readily agreed."

Greenberg returned to Delaware. The witnesses were rounded up and psychiatric experts from New York evaluated what effect segregation was having on black and white children. Later, the experts would testify during the trial as to the detrimental effects that segregation was having on black children.

Around the country Marshall and other black lawyers were working on the other school cases.

In Delaware, Seitz listened to all the arguments presented by both sides and then again, as he had done in Par-

Redding tried three cases of national significance in the battle to end segregation

ker vs. The University of Delaware, got in his car to tour the schools personally. He found the black schools inferior and ordered Bulah's daughter and a number of other students who had joined in her case immediately admitted to the all-white schools in Hockessin and Claymont.

It was 1952 and he was the first judge in the country to order blacks to be admitted to white schools. Thurgood Marshall was quoted in the press at the time calling it the "first real victory in our campaign to destroy segregation of American pupils in elementary and high schools."

The third case of national significance Redding tried, in 1958, involved a black Wilmington city councilman, William H. "Dutch" Burton. Burton, a fancy dresser, and a man about town, had been refused a cup of coffee at the Eagle Coffee Shoppe. Burton told Redding that he had been served in the restaurant, located on property owned by the Wilimington Parking Authority, when he had gone there with other members of the City Council, and he thought he should be served when he went alone.

Redding first tried to have the city prosecute the case. But the city solicitor declined. So Redding brought suit, again in Delaware's Chancery Court. Then Vice Chancellor William Marvel ruled in Burton's favor, agreeing with Redding that Burton's constitutional rights had been violated. He said the parking authority, as a tax-exempt agency of the state, had the legal obligation to require tenants, including the Eagle, to respect its customers' constitutional rights.

The U.S. Supreme Court agreed with Marvel's decision in 1961, ruling that the restaurant's close relationship with the parking authority brought it under the U.S. Constitution's ban on racial discrimination by a state agency.

The case became a landmark for state action, whereby a state cannot deny access to its property by private citizens, even if it is leased to a private business. It is studied by law students all over the country today and still used in accommodation cases.

In June 1959, in the middle of the Burton case, a young black law student from Georgetown Law School asked Redding if he would act as his preceptor. One of the first black graduates of the University of Delaware, thanks to Redding, the youngster was well-known to most of the state as Lenny Williams, a starter at center for Delaware's Blue Hens.

Williams idolized Redding because of the opportunities he had created for Williams and other black students at the university. Redding did not follow football—the only sport he had ever pursued was tennis—and thus was not acquainted with this well-known star.

Hoping to impress Redding, however, Williams introduced himself at their first meeting as "Lenny Williams." Redding asked him, "Your first name isn't Lenny, is it?"

Williams replied, "No, sir. It's Leonard." Said Redding, "Thank God." He never called Williams Lenny, but always Leonard.

Redding was almost sixty years old when Williams went to work for him. The 1950s had been a fruitful decade for his work and the work of other black lawyers in the country. As a result, opportunities for blacks had slowly begun to improve. President Harry S. Truman appointed the first black judges to the federal bench beginning in the late 1940s. Legal access had been created for blacks to enter schools, restaurants, and movie theaters.

But there was resistance to integration. There were near riots in Milford, Delaware, and throughout the rest of the country, particularly over school desegregation. As the resistance grew stronger, the civil rights movement became a different fight altogether. Equal justice was no longer a matter of equal access, but a bitter power struggle to overcome hatred and the wrongs of the past.

In 1963, Redding gave a speech at a regional conference of the NAACP, telling the audience that the greatest barrier to complete integration of the Delaware schools was the "lethargy, the apathy, the indifference ... of the Negroes who would be benefited in taking advantage of the opportunity that is legally theirs."

He asked the black community for support for the integration fight.

Redding continued to practice privately in the 1960s, with a heavy daily load of routine legal work. He also pursued several local civil rights cases. He represented the Rayfield family, the first black family to move into Collins Park, a section of Wilmington, when their house was bombed in late 1959. He fought for fair housing and continued the battle of school desegregation in downstate Delaware and in the state legislature.

In 1971, black parents in Delaware reopened their lawsuit against public schools of northern New Castle County to finish the work that Redding had begun. This time, Wilmington attorney Irving Morris was the lead Wilmington attorney for the parents. Redding, then seventy, worked behind the scenes, advising Morris and the lawyers who came from outside the state to help.

Their victory was a federal court order from U.S. District Judge Murray M. Schwartz in 1978 that black students from the city of Wilmington be bused to white suburban schools, where desegregation had been avoided. White suburban students were also ordered bused into city schools.

Morris made sure Redding received a portion of the $1 million Schwartz awarded in 1980 to the attorneys who had won the busing case. It was the first time Redding had been paid for his civil rights work, save a small contribution that the NAACP took up for him sometime in the 1960s.

It was difficult, in the context of Redding's early years, to realize what he had accomplished and what the results of his work would be.

"I don't think the public fully appreciated the consequences of it, at least not right away," says Seitz. "I don't think the public appreciated what it was going to lead to. It was hard to get excited about putting a few black children into a school in Hockessin.

"Whether Lou Redding thought beyond the task at the time, I don't know. Everyone realized that with segregation entrenched in the Constitution, those [laws] were the first matters

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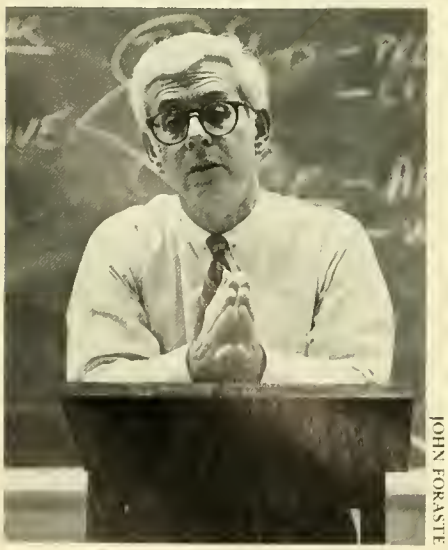
THE CLASSES

First Lady's choice

Nancy Reagan has a new chief of staff, who is well known to thousands of Brown alumni of the 1960s and '70s: **Lee L. Verstandig** '70 Ph.D., former associate dean for academic affairs at Brown. Verstandig left Brown for Washington in 1977 to become the administrative assistant to newly-elected Rhode Island Sen. John H. Chafee. He joined the Reagan Administration in 1981 as Assistant Secretary of Transportation for Governmental Affairs and then moved to the White House as assistant to the President for intergovernmental affairs.

When the Environmental Protection Agency and its director, Anne Gorsuch, came under heavy fire, Verstandig was called on. He told the *Washington Post*, "The President asked me to go over and help Anne Gorsuch and, after she resigned, they made me the acting administrator. So I was the poor person who had to reorganize that place, fire some people, and help get Bill Ruckelshaus confirmed." After that happened, he moved again, this time to the Department of Housing and Urban Development as undersecretary.

In October, Lee Verstandig spoke on campus about federal housing policy.



JOHN FORASTE

He was at HUD when the call came about working with the First Lady. "I was very surprised when I was asked to do this," he told the *Providence Journal*. "I am very excited. I am very much interested in trying to demonstrate the role that this President has played. As a sort of political historian, I think he will go down, certainly, as one of the greatest Presidents of this century."

Nancy Reagan, he continued, "is unique as a first lady. She has developed her own style and her own issues. She is dedicated to the President and what he stands for ... She has always been at his side."

In his new position, Verstandig also carries the title of assistant to the President. That means added clout and access to the White House, where he will sit in on briefings on policy matters of interest to Mrs. Reagan.

Shoring up The Nation

The Nation is one of the nation's oldest and most respected magazines of opinion. During much of its 120-year history, it has had financial problems. Now **Arthur L. Carter** '54 has stepped in to help. Carter, a Connecticut publisher who twenty-five years ago founded the precursor company of Shearson Lehman Brothers, has joined with two previous owners to purchase the magazine.

"*The Nation* is a treasure that I think should be protected, sustained, and expanded," Carter told the *New York Times* in December. So he, the editor, Victor Navasky, and the publisher, Hamilton Fish III, formed a new corporation, and Carter became the magazine's chief financial backer. He said he would assume about $2 million in liabilities and invest between $3 million and $4 million in the magazine in the next few years. In the past eight years, circulation has risen to 65,000, and losses have been cut every year.

In 1960, Carter founded Carter, Berlind & Weill, which forged a string of brokerage houses into what is today Shearson Lehman Brothers, the banking arm of American Express. He left in 1970 to become chief executive of the New York Water Service Corporation, in Merritt, Long Island, a holding company for state water companies, a position he still holds. *R.M.R.*

NOTES

By Katherine Hinds

13 **Gladys Paine Johnson**, Worcester, Mass., wonders if there are any other graduates of the Women's College in Brown University still living.

17 **Helen Hirshland**'s ninetieth birthday celebration was held in Tempe, Ariz., by her son, Lee, and daughter, **Julianne Hirshland Hill** '43. Helen's grandson, **David Hill** '75, gave a tribute to her, supported by his brothers Keith and Mark.

24 No overseas trip last year for **Lois Munroe Chamberlain**. She writes: "Attended my granddaughter's graduation from MIT in June and took a theatre trip to the Harrisburg, Pa., area last August. Visited two '24 classmates in R.I. while I was in New England last June."

Al Fitzgerald, Scarsdale, N.Y., was nominated for the 1985 Presidential Community Award, which is awarded by the Department of Housing and Urban Development to identify and recognize individuals who provide outstanding examples of community service and contribute to the solution of community problems. Al has been the director of the Eastchester Office for the Aging since 1976. The office serves the senior citizens of Eastchester so that they can remain in their own home environments as long as possible. "You have to give seniors an option," Al says. "It doesn't matter what the option is. It could be a choice of clothing, what to eat, where to go. The worst thing you can do is take away someone's freedom of choice. That's what happens when you put a senior in a home. They lose something. Their vitality just sort of drains out of them." Al, who retired as director of policy payment for MONY in 1966, began his ca-

reer in public service during World War II, when he worked as assistant director for the Eastchester Civilian Defense Corps. He served on numerous boards for local and national associations and immersed himself in volunteer work with Lawrence Hospital in Bronxville and with local tenants' groups. "I took every non-paying job in Eastchester," he says.

Anna M. Iannaccio, Gulfport, Fla., urges visitors to come enjoy her "magnificent view. I would warmly welcome any Brunonian to drop in for a chat when visiting any part of our state. My illness has reduced me to a shut-in, but the welcome mat is way out—my morale and courage would soar. I am an octogenarian, but I do think young and try to smile a lot."

25 Class Secretary **Walter Whitney** reports: "The annual fall meeting of the class of 1925 began with a talk on Abraham Lincoln by Brown history professor John Thomas. We had lunch at the Agawam, attended by **Ben Roman**, **Richmond Sweet**, and Walter Whitney. **Dick Ballou** '66 took care of the arrangements. Our guests included Sandy Roman and Maxine Whitney. After the Brown-Cornell game, we gathered at Dick's for refreshments and a short business meeting. We decided that our next meeting would be in the fall of 1986."

Beulah L. Roensch advises us that after the first of February she will be living at Palm Terrace #C204, 24967 Calle Aragon, Laguna Hills, Calif. 92653.

Joseph D. Fisler has moved back to Staten Island, after eighteen years in Fort Myers, Fla. His new address: 65 Keating St., Staten Island, N.Y. 10309.

26 **Louise Harris**, Providence, has been selected for inclusion in *Two Thousand Notable Americans, Personalities of America, Directory of Distinguished Americans*, and *International Book of Honor*, according to the American Biographical Institute. She has also been named to membership in the American Biographical Institute Research Association and the World Institute of Achievement, both international organizations that "promote fellowship among people through biographical research and communication."

28 **Brackett Clark**, Rochester, N.Y., a trustee of Rochester Institute of Technology for more than fifty years, has been honored with RIT's Founders Award, the highest honor presented by the board of trustees.

29 **Wallace W. Elton**, Rye, N.Y., is senior vice president of the International Executive Service Corps. "In December 1985, we completed our 10,000th project (twenty-one years in eighty-two nations) in a program that transfers business expertise to private enterprises' benefit. I am writing the IESC history in 1986."

Hildegard Jaeger Safford, Tryon, N.C., attended a Jaeger family reunion in Wuppertal, Germany, last summer, followed by an extended trip to the Scandinavian countries.

30 **Anne Grisko Flynn** has been confined to a nursing home, where she would appreciate any phone calls and letters. Her new address: Lakeside Plantation, 2900 12th St. North, Naples, Fla. 33940. (813) 261-2554.

32 **Elizabeth Dennett Seafarello**, Merritt Island, Fla., has been widowed twice. The mother of three children and three stepchildren, and the grandmother of ten, she enjoys swimming, golf, and gourmet food.

The Rev. **Frederic P. Williams**, Indianapolis, was involved in the editing of a revised hymnal for the Episcopal Church. The hymnal was due for publication in December.

33 **Albert Lewitt**, Nashua, N.H., says that 1985 was filled with "several pleasantries. Rita and I both arrived at [the age of] 75 in pretty good shape. Daughter Joan, a psychotherapist in the Syracuse area, was elected to the Fayetteville-Manlius school board. Her daughter, Lisa, our oldest grandchild, entered her freshman year at Harvard. Son **Philip** '63, M.A. from San Francisco State, Ph.D. this year from Indiana University of Pennsylvania, is Foreign Professor of English and American Literature at Tottori University in Japan. All in all, a good year."

35 Lt. Col. **Lee LaBonne**, Dunwoody, Ga., was sorry to miss the 50th reunion "because of 'last minute' illness. If necessary, will *drag* myself to next one. And I say 'Amen' to that."

36 You are among the 300 being especially invited to our 50th reunion. You are on the preferred mailing list for the Ann and Al Show. You will be on stage—front and center. It is a live show in four big acts ... Friday, Saturday, Sunday, and the grand finale on Monday. Pick the spot now for your entrance. You can be a star, but you are needed to make the show a success. Reservations are already coming in. So, to be sure of your place, send in your reservation now! Join **Dot Lovell O'Hare**, **Clara Denham Millett**, **Maria Galligan Stoddard**, **Charlotte Morse Benson**, **Dorris Marcos Mendelsohn**, **Pauline Meller Weinstein**, **Sally Smith Tracey**, **Edith Hall Meier**, **Bernice Bigelow Hunt**, **Earl Fleisig**, **Paul Hoye**, **Irving Lovell**, **Harry Moses**, **Clint Johnson**, **Win Slade**, **Joe Small**, **Dave Stewart**, **Irving Williams**, and **Frank Ziobroski**, who are all planning to appear in the Ann and Al Show.

Walter Goetz is retired and living in Santa Fe.

37 Gen. **Richard G. Stilwell**, USA (Ret.), McLean, Va., was appointed by the Secretary of Defense to review and make recommendations concerning Defense security, in the wake of the Walker and other spy scandals affecting the Pentagon. Dick summarized his findings over national television.

Hart Swaffield, Needham, Mass., retired last May as New England manager of Media Networks, Inc. He is now a consultant to the *Harvard Business Review*, as manager of sales development.

38 **Eleanor Addison**, Cranston, R.I., is an Elderhostel enthusiast. As of last summer, she hoped to have completed twenty-three Elderhostel weeks over the past few years. In April 1985, she "finished my third season in the Volunteer Income Tax Assistance program. It's a very rewarding program, but *not* without its headaches. Uncle Sam doesn't make the IRS form any simpler despite his claims to the contrary! I am now the secretary of Cranston Leisure Learning, an organization for the 'over-sixty' population. All are welcome to join—there is no requirement that one live in Cranston."

Robert H. Blewitt, Waterbury, Conn., is keeping busy with church meetings, retiree clubs, and New England travels.

Howard H. King, Coraopolis, Pa., retired in 1981 from Mine Safety Appliances Company, in Pittsburgh. He enjoys working as a white-water raft guide on the Cheat River in West Virginia. He spends his days cutting down trees for his firewood business. "A lot of hard, pleasurable, and interesting work."

William Rice, Peace Dale, R.I., reports that the Narragansett Bay Barbershop Chorus, representing the Providence chapter of the SPEBSQSA, won its district competition in Montreal, Quebec, last fall for the fourth time in the past five years. Bill, and the rest of the chorus, will be traveling to compete in the international competition in Salt Lake City next summer.

Dr. **Charles B. Round** is "still doing general surgery, occasional golf, six kids all over the world, no one home but me."

39 Judge **William C. Bieluch** was recently elevated to the Connecticut Appellate Court. Previously he was a trial judge for more than seventeen years on the Superior Court and the former Court of Common Pleas and Circuit Court. The oath of office was administered by Governor William A. O'Neill.

James D. Wilson took advantage of an unlucky break. "I had a very enjoyable trip to Spain, which provided an uncalled-for bonus—a broken ankle, which in turn provided the occasion to get a long-delayed hernia repaired; the latter had been deferred because it would have interrupted tennis. Because the two recuperation periods overlapped, there was only one hiatus in tennis."

Margaret Gainer Wright, Lexington, Mass., became a grandmother for the first time last March, when her son, Paul Gainer Wright, and his wife, Kathryn, gave birth to Nicholas Gainer Wright.

40 The Buxton TV Emmy was awarded to the Brown Band for its stellar performance on the "Today" show last fall, according to Dr. **Bertram H. Buxton**, Memphis.

41 Plan ahead! Save May 23, 24, and 25 for your 45th reunion on campus at Brown. Also plan to stay over for the pageantry of Commencement on Monday, May 26. Your reunion committee has already roughed out a schedule to please all: Campus Dance, Pops Concert, Pembroke luncheon, trip to Newport, Sunday brunch at **Earle Cohen**'s Viking, and much more. You will receive mailings about events very soon, asking for response to the more detailed schedule of events. Surely you will want to see your classmates and the University again just as we want to make you welcome. Do plan to be with us!

Edna Wilbur Richmond, Bakersfield, Calif., reports that she received her M.A. in educational counseling and personnel services from Cal State-Bakersfield last June. Her youngest son, **Stephen**, is in his first year in the Program in Medicine at Brown.

42 **John Harman**, Menlo Park, Calif., retired from Southern Pacific Railroad last summer as an accounting manager. He is now doing volunteer work at Stanford International Center, "helping them get started with IBM PC's."

43 **Walter Lister**, Larchmont, N.Y., suggests that perhaps there may be an interesting "round-up statistic in the number of us who have had open-heart surgery. I just joined the group."

Jay H. Rossbach, Jr., Palm Beach, Fla., is playing lots of golf, tennis, and croquet; traveling as much as he can; and working for four major charities.

44 **Dorothy Bornstein Berstein**, Pawtucket, R.I. reports that her daughter Rose is in Israel; her son, David, is in Boston, working as a legal adviser to a bio-tech firm; and her daughter Jane is in Syracuse, working as an art therapist.

The sympathy of the class is extended to **Margaret Oldham Farrabee** on the death of her husband in August 1984. Margaret lives in Oak Ridge, Tenn.; her three grown children live in Texas.

Roy Fine, Trumbull, Conn., recently retired from Bristol Babcock, Inc., to become president of Intec Corporation, in Trumbull. Intec manufactures automatic inspection equipment for continuous web industries.

Marcella Fagan Hance, Minneapolis, reports that her son has finished technical training at Brown Institute in Minneapolis and is starting his broadcast career at KWRC, Buffalo, Minn. Daughter Maureen has left her job and has enrolled at the University of Minnesota.

Columba Simeone Mathieu, Yakima, Wash., has six grandchildren, ages 14 to 2. Her daughter, who was married in August, has a master's in theater design.

Philip Osberg is "still on Okinawa with American Express Bank. After circa twenty-five years in Germany, and nearly ten here, I am due to retire in 1986."

Virginia Johnson Risdon was the first woman elected to the Branchville, N.J. Town Council, in November 1984.

Margaret Wilson Weed visited Rhode Island last winter—and appreciated returning to San Diego's 80-degree weather. Her daughter, Betsy, is a bilingual teacher in San Ysidro, Calif.; and her son, Jim, will finish college this year.

45 **Robert** and **Janet Cameron Claflin** are the grandparents of Robin Paige, born on Oct. 22 to their daughter, **Heather Claflin Clayton** '77.

Thomas M. Walker, San Clemente, Calif., has had a hectic six months since retiring from Sentry Insurance after thirty-eight years. "Have traveled to San Francisco, Catalina Island, Italy, Sicily, Elba, Monaco, and France. Now back in San Clemente, working on Chamber of Commerce projects, taking dancing lessons, preparing for 10K runs, and appearing on 'Sale of the Century' (a TV program). Truly variety is the spice of life!"

Reunion Report:

Although not officially merged, the men and women of the class of 1945 participated in many reunion activities together last May. The weekend began for the women, however, with a pre-dinner get-together on Friday evening of Commencement weekend, hosted by their reunion committee in the Pembroke Room of Maddock Alumni Center. Then we were off to the Brown Bear Buffet and Campus Dance, with tables adjoining those of the Brown class of '45 for both occasions.

On Saturday, between the excellent forums offered in the morning and afternoon, the women attended their class luncheon, which was held at the Annmary Brown Memorial Library. Highlighting this affair was the appearance of their invited guest, Professor Joan W. Scott, who spoke in a most interesting fashion of the role of women on campus today.

Saturday evening, accepting the kind invitation of the Brown class of '45, we joined them for cocktails at Alpha Delta Phi and dinner in the Sharpe Refectory. The Pops Concert on the Green later in the evening featuring Shirley Jones was a big hit as always.

Sunday found the men and women of '45 gathered jointly once more, at the lovely home of Peggy and **Hank Sharpe** at Pojac Point, North Kingstown, for cocktails and a buffet lunch—a festive and most enjoyable climax to the social activities of the weekend.

The weather was made-to-order for the traditional Monday morning Commencement procession. Representing the Pembroke class of 1945 were **Dorothy Kay Fishbein** and **Nancy Kernan Lichtenfels** as class marshals and **Florence Asadorian Dulgarian** as an aide to the Chief Marshal.

Special thanks are extended to **Nan Tracy** '46 and her assistants for the fine work they did in helping to make this the great and memorable reunion that classmates agreed it was.

Those attending were: **Dora DeRobbio Anjoorian, Olga Joannidi Antoniou, Priscilla Wilson Bernd, Nancy Craig Blinn, Florence Burton, Barbara A. Cinco, Audrey Mishel Cooper, Lois Colinan Counihan, Martha Cole Curley, Ruth Keily Dugas, Florence A. Dulgarian, Jean M. Edwards, Dorothy Kay Fishbein, Shirley M. Gallup, Frances Weeden Gibson, Irman Rosengard Hyman, Mary Duncan Jacobson, Anne Rossman Krause, Nancy Kernan Lichtenfels, Marjorie Kent Mann, Nancy Noyes, Helen Depoian Pashigian, Mary-Lucille Ronte, Lorraine Rosen, Barbara Rhode Rosenblum, Enzina DeRobbio Sammartino, Jeannie C. Stewart, Leslie G. Taylor, Roberta L. Wheeler, Agnes D. Wrinn,** and **Phyllis Baldwin Young**.

46 Plans are progressing for the big 40th reunion May 23-26. An outstanding program is being arranged that will provide entertainment for all. Be sure to save the date and plan to be there. In addition, contact other classmates and encourage them to attend. This will ensure a very successful reunion. Complete details will be provided after the reunion program is completed.

47 **Thomas A. Brady**, Houston, has formed a partnership with **Barbara Sunderland** '78 to do international advertising, marketing, and public relations.

Richard H. Bube, Stanford, Calif., has returned to full-time research and teaching at Stanford University after eleven years as chairman of the department of materials science and engineering.

Gordon Stuart, Corrales, N.M., took his wife and his motorcycle to Europe last year for a tour of the Alps. "Mrs. Stuart toured in a van—I toured on my motorcycle!"

48 Dr. **Joseph Kovarik**, Denver, was recently elected president-elect of the Southwestern Surgical Congress, an organization of approximately 1,500 surgeons in fourteen southwestern states. He is also serving his sixth year as a member of the board of governors of the American College of Surgeons, is a delegate from the Colorado Division of the Cancer Society to the American Cancer Society, and a delegate from the Colorado Medical Society to the AMA House of Delegates.

49 The Rev. **George F. French**, Cooperstown, N.Y., celebrated in November the 175th anniversary of the consecration of Christ Church, where he serves as rector, as well as his thirty years of service and the dedication of the church's new $175,000 organ.

John Hannan, Seal Beach, Calif., ran in a 10K race last spring and told a local newspaper that he finished in the "faster two-thirds, or maybe three-quarters, of the runners." He completed the six-mile course in fifty-four minutes, and when his friends asked what he did after the race, he an-

swered, "I went home and took a nap."

Ed Lingham, Jr., Framingham Center, Mass., retired from Dennison Manufacturing Company last June.

Howard J. Miller, Jr., has retired as a colonel in the U.S. Army Reserve. He is still employed as western New York-district sales manager for the Puritan Chemical Company. He is village and town justice in his home town of Warsaw, N.Y.

50

Robert H. Cowgill is all over Southern California. He has recently relocated his home to Rancho Palos Verdes and his office to Long Beach after thirty-five years in Pasadena. "Still in shopping center and industrial real-estate development and management. Too challenging to retire."

Carl L. Foehr, Oak Ridge, N.J., is regional vice president of Amica Mutual Insurance Company and branch manager of its Glen Rock, N.J., branch office. He and his wife, Phyllis, have four children and five grandchildren.

Lacy B. Herrmann, Darien, Conn., former president of Brown's Associated Alumni, has been elected chairman of the board of trustees and president of Hawaiian Tax-Free Trust. The trust is the only open-end, tax-free bond fund in Hawaii. Lacy has been the organizer of eight different mutual funds with aggregate assets of more than $1 billion. He is listed in *Who's Who in Finance and Industry*, *Who's Who in the East*, and *Who's Who in the World*.

Donald D. Lathrop, Ph.D., is in private practice with his wife, Karen, in Boise, Idaho, where they specialize in psychotherapy for women (Karen), men (Don), and couples and families.

Robert J. Lewis, Freeport, Maine, is "enjoying my retirement from Exxon, living in the great state of Maine. Jessie and I are looking forward to our fortieth wedding anniversary in June."

Alexander Marshall, St. Louis, and his wife, Elizabeth, recently visited their son, **David** '85, who is a Mombusho English Fellow at the Hyogo Prefectural Institute, near Kobe, Japan.

51

Polly Welts Kaufman, Lexington, Mass., is the author of *Women Teachers on the Frontier* (Yale University Press, 1984). According to the *Journal of American History*, the book "uses the letters, a diary, and the reminiscences of nineteenth-century teachers to reshape stereotypical notions of the 'frontier schoolmarm.' The result is a compelling new interpretation of a seldom-appreciated group of pioneers—single working women. Kaufman shows that pioneer teachers were truly professional women who enhanced the frontier schools with a strong dedication to their students and communities. Kaufman's argument that these women, driven by economic need, family dilemmas, religious conviction, or a thirst for adventure, ultimately enlarged their own female sense of self-confidence is convincing."

Priscilla Wright Lingham and her husband, **Ed** '49, are "enjoying our relaxed life, made up of grandchildren, travel, Boston Symphony, theater, and potting about our old farmhouse" in Framingham Center, Mass.

52

Ralph Crosby, Jr., Richmond, Va., has been elected president of the Richmond Symphony and a trustee of Randolph-Macon College.

William D. Rogers, New York City, has been elected chairman and president of International Human Assistance Programs, Inc. He had formerly been president, and, for the last three years, vice chairman. The organization, originally known as the American-Korean Foundation, runs development programs in Asia, Africa, and the South Pacific, and is currently running a food relief program in Chad. Bill, an attorney, is a trustee emeritus of Brown.

55

Stuart P. Erwin, Flintridge, Calif., executive vice president of MTM Enterprises, is developing two new TV projects for MTM with international locales: "OSS," which he describes as "'Hill Street Blues' in London in 1943," for NBC; and "Riviera," for ABC. "They are two of six pilots MTM is producing for potential new series." Stu was at Brown for Parents' Weekend, visiting **Tom** '87.

56

Phyllis Rannacher Dodson, Santa Barbara, Calif., has recently returned from the Ecuadorian Amazon, where she "researched the area for Trans-Pacific Special Interest Tours of Santa Barbara. Last August, I led a fifteen-day natural history tour of Alaska, and spent five days ninety miles inside Mount McKinlay National Park, surrounded by wildlife. Lots of bears! Three of my children are in college, one still in high school. Holly, 19, is in the University of California's seven-year M.D. program. The boys are laid-back southern Californians, content to surf a lot and study a little."

Sherrie Finnegan, daughter of the late **James Finnegan**, was married Sept. 7 to Larry McCarthy, an attorney with Higgins, Cavanagh & Cooney of Providence. Her uncle, **Joe Granger** '55, "gave the bride away," according to her mother, Patsy. "Son David Finnegan was married in 1984 and is studying for his master's in computer science. He and his wife are mechanical engineers. Son Jay Finnegan graduated from Fordham Law School last year and is an attorney with Milbank, Tweed, Hadley & McCloy in New York City. And, Patsy is surviving!"

Bradford Greer, West Palm Beach, Fla., is the father of **Jeff** '86. Bradford is now president of the Chase Manhattan Trust Company of Florida, in Palm Beach.

Russ Kingman, Bridgewater, Mass., plans to attend his 30th reunion with his four-year-old son, Andy.

Robert L. Sterling, Jr., Greenwich, Conn., has been promoted to senior vice president of Shearson Asset Management, a division of Shearson Lehman Brothers, an

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American Express Company. Prior to joining Shearson, he was a senior investment counsel with Wood, Struthers and Winthrop. He is a trustee of Lennox Hill Hospital in New York City and a member of the advisory board of the Institute of Sports Medicine. He and his wife, Deborah, have three sons, Rob, William, and Cameron.

57 **Francine Flynn Atkins** and her husband, John, "have been booking rentals on the Cote d'Azur. We are looking forward to spending the winter in our home in Beaulieu-sur-Mer, where we will be investigating our properties."

Dorothy Crews Herzberg, San Francisco, is working in financial planning with Independent Planning Corporation. "Sam is a senior at San Francisco State, Laura a sophomore at UC-Santa Barbara, and Dan is a senior in high school."

Martin H. Imm, Jr., London, has a new assignment establishing direct investing operations in Europe for Prudential. He is opening and developing an office in London.

Richard Mertens has been re-elected president of the Brown Club of Boston. Last June, he attended his 25th reunion at the Harvard Graduate School of Design. He also represented Brown at the Centennial Convocation of the Jewish Theological Seminary of America, in Boston: "Really ecumenical—a Catholic representing a Baptist university at a Jewish seminary celebration!"

Donald Saunders, Boston, is "happy to announce my recent marriage to Liv Ullmann." Don is president and CEO of Saunders & Associates, in Boston.

58 Dr. **Dorothy Cotton** has her own cable TV talk show, "Gray Matters," dealing with issues of aging. She is at work on a book describing the "humorous side of personal relationships." She lives in Worcester, Mass.

Emily Waters Fortnum is a nurse at the Health Center of Gettysburg College in Gettysburg, Pa. Her husband, **Don** '58 Ph.D., is a professor of chemistry at the college.

Susie Langdon Kass, San Francisco, "received a certificate from the Royal Scottish Country Dance Society in Scotland, after taking a two-year course and passing two examinations. I teach two nights a week and dance another night. I also work part-time at the University of California at San Francisco—teaching swimming and producing the quarterly classes brochure. I enjoy (after a couple of difficult years) my two teenage children, 18 and 16. My husband Sid and I have been married twenty-four years and have lived in the same house for sixteen years. Other family members and I have participated in some personal growth and communication workshops run by Actualizations, Inc."

Evandro R. "Van" Radoccia, Jr., North Kingstown, R.I., was appointed probate judge for the town of North Kingstown last July and in November was elected a delegate to the upcoming Rhode Island Constitutional Convention. "We review the Rhode Island Constitution every ten years, and there are some changes that appear sorely needed, both to me and to many of the other delegates. I'm looking forward to doing the work necessary to have those changes made." Van is associated with the firm of Worrell, Passananti & Radoccia, Inc., an employee benefits consulting company in Providence.

Arlene G. Snyder, Athens, Ohio, received her M.S. last May and is now working at Ohio University in Athens, where she holds a joint appointment in career planning and placement and at the College of Business Administration.

Earle R. Webster, Jr., Wexford, Pa., is product manager at Lava Crucible-Refractories, Zelienople, Pa.

59 **Norman G. Einspruch**, Coral Gables, Fla., dean of the College of Engineering at the University of Miami, is the editor of the first handbook on very large scale integration microelectronics. More than seventy scientists and engineers from major corporations such as IBM, Texas Instruments, and General Electric, as well as universities, contributed to the fifty-two-chapter book.

Robert S. Rogers, Jr., formerly music director of the musical, *A Chorus Line*, is now music director for the Broadway production of *The Wind in the Willows*, at the Nederlander Theatre on 41st Street.

Dr. **Raymond E. Sullivan**, Middlebury, Conn., father of **R.J.** '86, is chairman of the division of surgery at Waterbury Hospital Health Center, in Waterbury.

Claire Kasper Urbaniak, Barrington, R.I., reports that her husband, Henry, is serving as president of the Rhode Island Orthopaedic Society. Their daughter, Karen, is co-captain of the Wheeler School field hockey team.

Roger Vaughan, Oxford, Md., has written a book on "the greatest living conductor." Published this month by Weidenfeld (London) and Norton publishers, the book is *Herbert von Karajan*, a biographical portrait.

60 **Theodore Boehm**, Indianapolis, argued an important apportionment case in front of the Supreme Court in October. A managing partner at the Indianapolis firm of Baker & Daniels, Ted has had some prior experience in the Supreme Court chambers: After graduating from Harvard Law School in 1963, he was picked to clerk for Chief Justice Earl Warren. In addition to preparing the Supreme Court case, Ted is also chairman of the 1987 Pan American Games Committee and president of the Indiana Sports Corporation.

Larry Carter, Trenton, N.J., has joined Torcon, Inc., of Westfield, N.J., as project manager. He spent twelve years with New Jersey National Bank, most recently as vice president of facilities.

Will Mackenzie spent most of last summer in London directing a two-hour TV movie, *Family Ties Vacation*. "Consequently, I had to miss my 25th reunion, sorry to say. This fall I've been directing 'Family Ties,' 'Moonlighting,' and 'Remington Steele.'"

61 **Mary Lou Stearns Detwiler**, Port Washington, N.Y., "continues as curriculum coordinator at a small school for learning disabled/emotionally handicapped adolescents. My husband, Tom, continues research in blood platelets. Russell (20) is taking off a year from engineering at the University of Vermont to go to school in Denmark. **Sarah** is a freshman at Brown, and how she loves it! Key words: Diversity and academic freedom."

Robert C. Royce, Bay Shore, N.Y., has been appointed to the board of trustees of the Dickinson School of Law, in Carlisle, Pa. An attorney and partner in the Bay Shore law firm of Robbins, Wells & Walser, Bob is chancellor of the George Mercer, Jr. Memorial School of Theology and serves as its professor of canon law. He and his wife, Willoughby, have two sons, Thomas and Charles.

After he graduated from Brown, **Marc A. Vaida**, Flemington, N.J., went to Cornell Law School. He recently had the opportunity to return there to lecture on New Jersey's landmark land-use law decision.

Charles T. Walker, Ph.D., is now a corporate scientist in the electronics and information technology laboratory at the 3M Company. He lives in Hudson, Wis.

62 **Leonard Charney** was recently promoted to general counsel for RCA/Ariola International, formerly RCA Records. He lives on New York City's West Side, with his wife, Marsha, and sons, Paul, 12, and Robby, 8.

David Kauffman, Villanova, Pa., tells us that the Penn/Brown game "was a complete success for all alumni who attended the different affairs. Classmates from '62 were plentiful, and we agreed to try to meet again next year for a mini-reunion in Princeton."

Carolyn Cardall Newsom, Yardley, Pa., recently received a Ph.D. in organization and strategy from the University of Pennsylvania. Her dissertation title is, "Development of a Method for Improving Implementation Plans." Carolyn is a senior consultant with PA Computers and Telecommunications, an international technology-based management consulting firm in Princeton, N.J.

Judy Hexter Riskind, Highland Park, Ill., has started a new business called Kinderkicks, aerobics for children. Her daughter **Patty** is a sophomore at Brown, Peter is a senior at The Gunnery, Mike is a freshman at Highland Park High, and Susie is in the fourth grade. "Kenny, my husband, works hard to support us!"

Jay Stevens recently founded and is president of a new company, Dividend Capital Group, which specializes in real estate syndication, venture capital acquisitions, and equity joint ventures. Jay lives in San Francisco.

63 **Nina White Goldstein**, Wilmette, Ill., earned her M.A. in romance languages in 1969. She teaches

Spanish and French at Carleton Washburne School in Winnetka. Nina recently gave her second presentation for the IFLTA (Foreign Language Association) and is working on an article for publication on the same topic. Her husband, Elliott, teaches labor law and arbitration at DePaul University College of Law in Chicago and is a major labor arbitrator in the Chicago area. Their son, Adam, is a freshman at New Trier High School, where Nina and Elliott are chairing the Freshmen Parents' Association.

William L. Palmisciano, East Greenwich, R.I., has earned the Chartered Financial Consultant diploma and certification from the American College in Bryn Mawr, Pa. One of the nation's oldest and largest accredited, non-traditional educational institutions, the college specializes in financial sciences. William, who received his M.B.A. from the University of Rhode Island, also received the Chartered Property Casualty Underwriter and the Chartered Life Underwriter designations. He works for Equitable Financial Services.

64

Howard Batsford, Jr., left Dell Publishing a year ago to join Select Magazine, Inc., as vice president of administration. He lives in Baldwin, N.Y.

Charlotte Morse, Richmond, Va., is still teaching at Virginia Commonwealth University. She spent the summers of 1984 and 1985 at international conferences on Middle English literature at York University in England. She published an article in *Studies in the Age of Chaucer, Volume 7*.

W. Richard Ulmer, Huntington Beach, Calif., has been appointed president of Allergan Pharmaceuticals. Allergan, a division of Smith, Kline, Beckman Corporation, is a specialty health-care company located in Irvine, Calif.

65

Dr. **Daniel Koretz** and his wife, Diane, of Ontario, N.Y., are parents of their first child, a daughter, Leslie Susan, who was born on Feb. 19, 1985.

Eliane B. Pearson, wife of **Donald Deely Pearson**, died in Rio de Janeiro on Oct. 21 of cancer. Besides her husband, she is survived by two children, Cristiana, 5, and Patrick, 12.

Rhoda Lipson Tillman, Shavertown, Pa., has passed her Ph.D. thesis defense and will be awarded the degree in May from the University of Pennsylvania.

66

Robert J. DeLuca is a partner in a real estate development company, Oceanic Development Corporation, in Houston. He and his wife, Joyce, and their four sons live in Friendswood, Texas.

J. Gibson Henderson, Jr., and his wife, **Peggy Blanke Henderson** '67, are now living in St. Louis, where Gib is a clinical psychologist and director of clinical support services for the division of behavioral medicine at St. Louis University Medical Center. The Hendersons have two children: Lucas, 12, and Anna, 3.

Lawrence A. "Chip" Quinn has left Bollé France to form his own firm, importing ski wear, sportswear, and active wear from Europe and the Orient. He will remain a consultant to Bollé America. Chip continues to live in Denver with his daughters, Brenna Driscoll and Alanna Sullivan Quinn.

Lance Seberhagen, Ph.D., is a consulting industrial/organizational psychologist in the Washington, D.C., area. Last October, he testified before the House Subcommittee on Employment Opportunities regarding proposed revision of federal guidelines on employee selection procedures.

Phyllis Kollmer Santry was last year made vice president of Ambac Indemnity, where she is primarily responsible for insuring municipal bonds that finance housing. For the next two years, she will be serving as president of the NYU GPA Alumni Association.

Robert R. Skinner and his wife, Pamela, of Indianapolis, report the birth of Oramel H. Skinner III on Nov. 2, 1984. Bob heads an investment management and financial consulting firm with offices in Indianapolis, specializing in advising professional athletes and small businesses. He owns and operates three manufacturing businesses in Indianapolis and also operates a major private investment company. He is managing general partner of six investment partnerships, president of The Faraday National Life Insurance Company, and vice president and chairman of the investment committee of The Trafalgar National Life Insurance Company.

Betsy Cooper Smith may have proved a variation of Murphy's Law. She moved to Claremont, Calif., in 1981 and couldn't find a job teaching French. So she went back to school to get a degree in ESL. "I immediately found French jobs and have taught at Cal Poly Pomona and at three of the five Claremont colleges. I got my ESL degree in June 1985. I'm currently teaching French. Josh is 14, Joanna is 11. Both are taller than I. Looking forward to seeing classmates at the 20th reunion."

Loyes Woods Spayd, Springfield, Va., is director of religious education for Holy Family Parish in Dale City, Va. She has had two articles on the Creed published: one in *Living Light* and one in the *Chicago Catechamenate*. She has also written a commissioning rite for catechists published by the U.S. Catholic Conference of Bishops. She is serving as secretary for the Diocese of Arlington's Association of Ministers and Coordinators of Religious Education, and on the Diocesan Adult Education Advisory Committee. Her husband is **Steven Spayd** (see '67).

Carol C. Ward, Mission Viejo, Calif., has a new job as a documentation specialist. She writes computer software manuals at Automated Processing and Development Corporation in Santa Ana, Calif. Her daughter, Stacy Pigott, 19, is a sophomore at UC Santa Barbara and is on the crew team. Her son, David Pigott, 17, is considering Brown.

67

Peggy Blanke Henderson (see item about her husband, **J. Gibson Henderson** '66).

Susan Haas Parsky received her master's degree in architecture in May and is working for Bowie Gridley Architects in Washington, D.C., where she lives with her daughter, Laura, 16, and son, David, 14.

Laurence R. Pizer, who is the director of the Pilgrim Society in Plymouth, Mass., coordinated the purchase of a seventeenth-century silver wine cup that had belonged to Gov. William Bradford of Plymouth Colony. The cup was bought jointly by the Pilgrim Society and the Smithsonian Institution. He also is the co-author of an article on Pilgrim Hall Museum in the May 1985 issue of *Antiques*.

Comdr. **Steven H. Spayd**, USN, received his master's degree in government, with a certificate in national security studies, from Georgetown University last May. His wife, **Loyes** (see '66), is director of religious education for Holy Family Parish in Daly City, Va. They live in Springfield, Va.

David J. Thompson, Ph.D., Falls Church, Va., began working in September as an educational program specialist for the Hariri Foundation in Washington, D.C. He is completing degree requirements for a master's in intercultural management from the School for International Training, in Brattleboro, Vt.

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68

Ellen Anderson and her husband, Christopher Trautner, of Aspen, Colo., announce the birth of their first child, Christopher Anderson Trautner, born last June 3. Ellen is still employed part-time as a deputy sheriff in Aspen.

Paul Hans and his wife, Cindy, of Chesterfield, Mo., announce the arrival of their third child and first son, Jesse Paul, born Sept. 18.

Jeff Jones was looking forward to visiting the Brown campus over Thanksgiving, "especially to see a hockey game. I've never seen my nephews, the Ernst brothers, [**Gordon** '89 and **Robert** '89] play. Their grandfather, **Rolland Jones** '49, tells me they're pretty good." Jeff says he made sure his sister's wedding did not conflict with the one home game that weekend. He also continues his search as a NASP'er of the streets of Laredo (Texas) for qualified Brown applicants. "Not many Laredoans are interested in going that far, but there are a few looking for challenge. Brown's image is definitely growing down here."

David Kalinsky is co-founder of Medicom Computers, Ltd., an Israeli software house specializing in software engineering technologies and the development of real-time software for embedded systems. He is director of the software engineering division of Medicom and is involved in software engineering training and consulting to many of Israel's high-tech industries.

Marjorie Bedrick Tarkow has joined the firm of Tolle and Oxenhandler, in Columbia, Mo. "General-practice law in a town of 65,000 is a far cry from my undergraduate and graduate training in Latin and Greek literature. Still, I would never change a single course I took at Brown, now nearly twenty years ago! Three cheers for a liberal arts background!"

69

William J. Balderston has been living in Oakland, Calif., and working as a teacher for the last year and a half. His wife, Suzie McLean-Balderston, gave birth to a boy, Benjamin, last Aug. 21.

Although moving furniture has often been the mainstay of his career, **Jude Ciccolella** has been slowly increasing the number of acting job listings on his resumé. In an interview with the Albany *Times Union*, he said, "I'm shy and I'm no charmer, and there are thousands more gifted people in this city. What happens sometimes is that they pick you if you look like the guy they have in mind, the construction worker, the thug, the cop." Jude has had some luck this year, "looking like the guy they have in mind." He appeared in the off-Broadway production of Sam Shepard's *Curse of the Starving Class*, and has had small parts in several films, including *Out of the Darkness*, a made-for-TV movie about the capture of Son of Sam.

Frank R. Kegan recently married Cay Lynne Krause (Berkeley '81). They worked on the Emeryville (Calif.) city council re-election of **Stu Flashman**, and then took off for a winter's honeymoon in Europe. When they return, they will settle in Chicago.

James A. Northrop, Stamford, Conn., has been named president and chief executive officer of Trifari Jewelers, a subsidiary of Hallmark Cards.

We got the following succinct message from **Kenneth A. Ribet**, Ph.D., in Berkeley, Calif.: "Ribet has purchased a Macintosh computer and is very pleased with it." The message was printed on a Mac printer, of course.

David Parker, New York City, formerly a partner of Olshan Grundman & Frome, has merged his law practice with that of another firm. The new firm, which is known as Kraver & Parker, is located in Manhattan and is engaged in the general practice of law with an emphasis on corporate, securities, and commercial litigation.

Paul Payton, Cromwell, Conn., has been "adding equipment to my basement recording studio and setting up a music publishing company, Paytoons (BMI), which published my first 45 (on my own label, Presence Records), 'Boys Like Girls'/'Relate 2U.' Thanks to the miracle of overdubbing, I'm my own band, with able help from legendary NRBQ guitarist Al Anderson. Call your better New England college radio stations to request it (WBRU has it, of course). Otherwise, my wife, Wendy, and I are alive, well, and happy!"

70

Our annual mini-reunion was held at the home of **Dave** and Maggie **Whitman** in Providence on Oct. 19, the afternoon of the Cornell game. As a result of the horrendous weather, perhaps, the emphasis was more on the "mini" than on "reunion." **Jeff Bergart**, **Wade Wilks**, and **Bob Rosenberg**, among other attendees, helped to take the chill off the damp afternoon by regaling each other with tales of their exploits while at Brown.

Ernie and Prudy **Dorazio** had a son, Ernest Thomas Dorazio III, on June 6, 1984, and were expecting another child in December. Ernie is supervisor of design at the Singer-Labrascope Company in Middletown, R.I., and they live in Portsmouth.

Cynthia White Hesel, Larchmont, N.Y., reports that her son Todd started second grade, and her son Scott is now in nursery school three days a week. "We spent a happy two weeks in Maine in August. Lots of hiking, canoeing, swimming and lobster!"

Marianne Hirsch, East Thetford, Vt., has been teaching French and comparative literature at Dartmouth for eleven years and has recently added women's studies to her course schedule. She has three sons, Oliver, Gabriel, and Alex, and is married to a historian, Leo Spitzer.

Richard J. Shapiro, Port Chester, N.Y., has been made the national tax partner for the international accounting firm of Oppenheim, Appel, Dixon & Company.

On a busman's holiday, **John A. Stankovic**, Ph.D., has been spending his sabbatical year from the University of Massachusetts at Amherst in the computer science department at Carnegie-Mellon University in Pittsburgh.

Frank Tompa, Ontario, Canada, is an associate professor of computer science at the University of Waterloo. He is one of the three co-directors of the UW Centre for the New OED, which was established by the university to meet its obligations with Oxford University Press to computerize the Oxford English Dictionary. Frank's specific responsibilities include database design (together with other members of Waterloo's Data Structuring Group) and end-user support.

71

Our 15th reunion is approaching rapidly. You will be receiving registration packages within the next month. The package will describe all the events, locations, and costs for what is sure to be the largest gathering of '71 since graduation day. We set an attendance record for a 10th reunion—let's see if we can do it again for our 15th! We hope you will make every effort to attend the entire weekend: May 23-26. We promise to offer you a show that will rival the Spring Weekends of our freshman and sophomore years! And you'd better take advantage of it, because next time our thirties will just be a memory! —**Scott Thomson**, reunion chairman.

Rebecca Barnes, Seattle, writes that she received her license as an architect last June. "I saw **Larry Barnett** in Rome in August. He's a New York City lawyer doing malpractice law. Ten years ago he drove a cab and wrote poetry. Where do we go from here?"

Blaine S. Corey, Medfield, Mass., has been appointed an adjunct flute instructor at Dean Junior College in Franklin, Mass.

Dr. **Walter H. Kuhnen** and his wife, Betteanne, and daughter, Marissa, "are alive and well in Warren, Pa." He is a member of Warren Radiology Associates.

Richard A. Martin, New York City, tells us, "My wife, Jill, and I are the happy parents of Christina Aurelia Martin, born July 8, 1985. Jill has just returned to work. I am still at the U.S. Attorney's office in Manhattan, where I am prosecuting the 'pizza connection' case, a twenty-two-defendant, organized crime and narcotics case."

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Warren E. Avis, Jr., was married to Deborah Kah in November at the Green Turtle Cay Club in the Bahamas.

Clifford M. Brown and his wife, Wendy Jane, of La Mesa, Calif., report the birth of their son, Tyler Wayne, last May 27.

H. Carleton Clinch, Hackensack, N.J., has been selected for inclusion in the 1986 edition of *Who's Who in American Law*. He is a partner in the Hackensack law firm of Kohler and Clinch.

Robert H. Cole recently bought an old farmhouse in Ladue, Mo.

Shaun B. Curran, Melrose Mass., is employed by Daniel F. Tully Associates, architects and engineers.

Morris D. Edwards ('73 M.A.T.) received a grant to study the effects of relaxation training on the immune system of breast cancer patients. He lives in Kalamazoo, Mich.

"The Lemon Grove Incident," a PBS docudrama that will air this year, was written

and produced by **Paul Espinosa**, San Diego, Calif. The one-hour film deals with one of the nation's earliest desegregation cases.

Larry K. Graves, Ph.D., is a senior systems analyst with General Electric's Space Systems Division in Valley Forge, Pa. He lives in Strafford, Pa.

Karen Kirby ('72 Sc.M.), Ph.D., achieved her fellowship in the Society of Actuaries and is an assistant actuary with JC Penney Life Insurance Company, Plano, Texas. She lives in Richardson, Texas, with her husband, Dr. **Robert F. Leroy**.

Marshall R. Ransom and his wife, Debbie, of Ormond Beach, Fla., produced an addition to the Ransom family last April, when Marshall Richard was born, joining his sister, Jeannette, who was 2 in August. "Debbie and I live a good three-minute walk from the beach."

John Rouse, who is on the theatre faculty at Tulane University, won the American Theatre Association dissertation award last August for his work on Bertolt Brecht, undertaken at Stanford University. Last November he received the young scholar award from the American Society for Theatre Research for an article published in *The Theatre Journal*.

Wendy Strothman and her husband, **Mark Metzger** '73, announce the birth of their second child, Margaret Ann, on New Year's Day, 1985. They live in Newton, Mass.

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Sarah Cecil was married last May to Arthur Simms, a pilot for Delta Airlines. She is a corporate attorney for Biogen, Inc., a biotechnology company in Cambridge, Mass. They live in Swampscott, Mass.

"After a decade of silence, **Steve Elliott** reports from Pearl River, N.Y. I am a cost analyst at the General Motors facility in Tarrytown, N.Y. My home time is filled with my wife, Andree, and her horseback riding, our three children, the conversion of my attic, and audiophile car stereo installations. Our son, Nicholas, started first grade this year, while our daughters, Jacqueline, 4, and Madeline, 2, are busy working for their McClay."

Charles "Chip" Frost and his wife, Jeanne, still reside in Morris Plains, N.J., with their children, Betsy, 9, Sheri, 6, and Scott, 2. Chip is a vice president of commercial lending with First Fidelity Bank, working out of Morristown, N.J.

Bruce K. Gouldey, Ph.D., now manages the delivery systems planning division, in charge of all retail banking delivery systems, at Mellon Bank in Pittsburgh.

Michael R. Gross, West Hartford, Conn., has been promoted to actuary in the asset management and pension services department of the Travelers Insurance Company.

Nancy Schampan Hughes is living in Minneapolis with her husband, John, and two sons, Brian, 9, and Steven, 5. She is both admissions director and finance director of the Woods Academy, a private college-preparatory school.

Mark Metzger and his wife, **Wendy Strothman** '72, announce the birth of a second child, Margaret Ann, born on New Year's Day, 1985. They live in Newton, Mass.

Dr. **Margaret Maier Parker** ('77 M.D.) and her husband, Dr. **Robert I. Parker** ('76 M.D.), live in Rockville, Md. They recently had their third son, Timothy Sumner, born on Aug. 8. He joins brothers Rob, 4, and Christopher, 2. Bob is a hematologist at the National Institutes of Health, and Margaret is a critical care physician, also at the NIH.

Nina Peksoe Peyser, an assistant director for operations at Beth Israel Medical Center in New York City, "would love to hear from classmates and old friends."

Jonathan D. Rodman and his wife, Dorothy, "would like to report the birth of our son, Daniel, on April 2, 1985. Would enjoy hearing from old friends at 42 Trout Way, Medford Lakes, N.J. 08055."

Donald McIver Stanford, Jr., has been appointed visiting assistant professor of legal studies in the School of Business Administration at the University of North Carolina at Chapel Hill. He continues to maintain a private practice of law. In his spare time, he reviews the local music scene for the Chapel Hill newspaper.

Occasionally our editorial offices misplace class notes people send us; sometimes the notes are swallowed up by alumni records; and now and then class notes go the way of socks in dryers—they just disappear. In the case of **Marie Stoeckel**, both socks got eaten. Twice she submitted a classnote, and twice she lived to see it not printed. We apologize. And announce herewith Marie's marriage to Frank Morra, Jr. (University of Massachusetts '76) on Sept. 24, 1983, at Manning Chapel. She was attended by **Nancy Cassidy**, **Karen Edwards**, and **Santina Siena** (more on Sandy later). Marie and Frank settled in Providence, where he works as a hydrogeologist with Groundwater Technology, and she is an industrial hygienist with the Rhode Island Department of Health. Almost two years after they got married, Frank and Marie gave birth on July 17 to Christine Marie Morra, who was delivered by Dr. Sandy Siena.

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Brian W. Ball and his wife, Judy, of Washington, D.C., have two sons, Brian, 2, and Warren, 9 months. "Everyone is well. I have just founded, with three other partners, a new commercial real estate brokerage company in Washington. We do commercial real estate sales, leasing, and consulting."

Dr. **Nancy L. Campbell** has moved to Pittsfield, Mass., where she is continuing emergency medicine, "but in a teaching mode to residents and University of Massachuetts medical students." The new hospital she is teaching at is the Berkshire Medical Center, where she was a resident.

Casey Corbaley, Oakland, Calif., reports that she and her husband, Adrian S. Wilk (Princeton '68), had a son, Michael Corbaley Wilk, on Oct. 17, 1984. "Our first year with him has been incredible! Adrian is a chemical engineer with Bechtel in San Francisco; I have recently left law firm life and am now manager of labor relations/EEO at Amfac, Inc.'s corporate headquarters in San Francisco.

Naomi Segal Deitz married Johnath E. Deitz (Johns Hopkins '67) last June. He came "complete with 14-year-old son, Andrew. (It's a quantum leap from singlehood to becoming stepmother to a teenager.) I'm continuing my New York publishing career as promotions manager for a technical society which publishes books and journals for engineers. As to the old question, 'To hyphenate, or not to hypenate?', I opted for my husband's last name—a choice which, it appears, has caused unending outcry from old friends. Oh, well." They live in Brooklyn.

"On the assumption that some old classmates might care what has become of me," **A. Waller Hastings** "would like to report that I was married to the former Suzanne Gillings on Jan. 12, 1985. The wedding was conducted here in Madison [Wis.] and was attended by several Brown alumni. I thought it was about time I reported this event, as we will soon have another to announce: We are expecting a baby in early February. On the professional front, I am in my third year of a Ph.D. program in English at the University of Wisconsin, where I am a teaching assistant for freshman composition and freshman literature courses."

Deborah Helitzer and **Hubert A. Allen, Jr.** '80, were married on Sept. 30 in Baltimore. Hubert's grandfather, **Joseph L. Strauss** '28, was there in spirit, as were many other invited no-show alumni. Hubert and Deborah met as graduate students at Johns Hopkins School of Public Health, where Deborah is a doctoral candidate in international health, and Hubert has completed his master's degree in biostatistics. They plan to go overseas in 1986 to Malawi, Africa, where Deborah will be field director of a health communications project, and Hubert will be "the man to see in Africa" for statistics. They can be reached stateside at 700 Park Ave. 8E, Baltimore, Md. 21201.

Elizabeth Hewitt married Harte Peary Stafford last April in Washington, D.C. Elizabeth, who formerly served as assistant attorney general representing the Alaska Public Utilities Commission, is now associated with the Washington law firm of Birch, Horton, Bittner, Pestinger and Anderson in Washington. Harte, the great-grandson of Adm. Robert E. Peary, who discovered the North Pole, is in private law practice, with an emphasis on immigration matters. They live in Chevy Chase, Md.

Dr. **Charles S. Horn**, Aurora, Colo., is doing a two-year fellowship in adolescent medicine at Fitzsimmons Army Medical Center in Aurora. He is a board-certified pediatrician and was recently elected a Fellow of the American Academy of Pediatrics. Any classmates heading to Denver and the Rockies to ski are welcome to give him a call at (303) 369-9486.

Pamela Lockwood continues to work at the Eggers Group, Architects and Planners, as a planner. She is learning to use "an Intergraph Computer-Aided Design computer. Arthur and I are making slow progress

on our house renovation in Larchmont [N.Y.]. Too many squash games and parties interfere with construction."

Robert W. Hopson and his wife, Bernadette, report the birth of a son, William Wilson, in Poughkeepsie, N.Y. Bob and Bernadette work for IBM.

Dr. **Steven H. Richter**, Morris Township, N.J., says that his "dental practice is doing very well here in my hometown, but the real love of my life is our 20-month-old daughter, Jenna. Everything is better than I ever expected it to be."

Charles A. Willand, Stoneham, Mass., has taken a leave of absence from teaching and has assumed marketing and operations responsibilities for Hemagen, a diagnostics firm in Waltham, Mass.

Robert G. Yizar and his wife, Andrea, of Mamaroneck, N.Y., report the birth of a second daughter, Tiffany Monique, on Aug. 29. Her sister, Ebony Nicole, is 3. Bob works for Citicorp Industrial Credit, Inc., in Harrison, N.Y.

75 **Jay Barker** is "newly graduated from law school (University of Virginia) and clerking for a federal judge in Alexandria, Va. New address: 906 Prince St., Apt. 405, Alexandria, Va. 22314. Would love to hear from any old friends."

Dr. **Russ Campbell** married Carolyn Hahn on Sept. 22. Russ is completing his residency in surgery at Brown. He and Carolyn live in Providence and would welcome visitors.

John H. Ferring IV and **Alison Nichols Ferring** '76 were expecting twins in January. "Send help."

Bob Hahn was recently promoted to associate professor of economics and public policy at Carnegie-Mellon University. In addition, he and **Dan Corley** have started the Community Preparatory School in Providence. (See profile.) Bob urges anyone passing through America's #1 city of Pittsburgh to give him a call or drop by.

Deborah Lippman Himmelfarb, New York City, is promotion manager at *People* magazine.

Dr. **Daniel J. Kane** has been named director of dental services for the Greater Baltimore Medical Center, Community and Family Health Center.

Henry L. Lust, Warwick, R.I., is marketing manager with IBM. He and his wife, Gail, have two daughters, Erin, 9, and Tami, 7.

Dr. **Richard J. Miller** and his wife, Dr. Barbara J. Kaiser, announce the birth of Nicholas Kaiser, on Oct. 12. Barbara and Richard practice podiatric medicine and surgery and live in Charlotte, N.C.

Dr. **Larry Solin** ('78 M.D.), Philadelphia, is on the staff at the Hospital of the University of Pennsylvania as a radiation oncologist. He and his wife, **Carrie Fox Solin** (see '78), are "enjoying Philadelphia city life!"

Ross and **Sharon Lack Stein** '76 gave birth to Monica Sarah on Oct. 2. "The 7 lb. 2 oz. red-headed beauty was delivered by Dr.

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Profile: DANIEL CORLEY '75, BOB HAHN '75

A 'melting-pot' school

At 10 a.m., the students of Community Preparatory School are changing classes, skittering down the hall in a blur of trendy clothing (heavy on the day-glo pink) and a buzz of adolescent chatter. Nine of them settle into a classroom where Daniel Corley '75 is teaching an accelerated math class. He gets them started on work sheets, and they bend over the pages, whispering softly.

"What you do to the denominator, you do to the numerator," Corley advises a young girl. After a moment: "Okay, what did you get?" he asks. She gives an answer. "Perfect!" Corley exclaims. There is a small chorus of echoes as several of the students repeat his reply: "Perfect!"

For inner-city parents who want their children to get a better education than the crowded Providence public schools can provide, Community Prep is as near "perfect" a solution as any available today. Founded in 1983 by Corley and his friend Bob Hahn '75, it now enrolls thirty children in grades four through eight. The two founders hope to raise enrollment eventually to 100.

"We're the only totally independent middle school in the state," Corley says. The school aims to combat a tendency for children to begin falling short of their potential in the middle-school years. "We've got a ton of good kids who are well-behaved and academically motivated," Corley says, "but they didn't learn academic skills. They were just passed along [in the public-school system], while the squeaky wheels got all the attention."

The school's educational mission is not simply a remedial one, however. One goal is to help students from low-income families to prepare for the entrance exam for Providence's Classical High School, a school that serves primarily college-bound students.

Community Prep's tuition is $2,800. Even with scholarships of up to $1,500, and the school's willingness to work out creative payment plans, it's a sacrifice for families that are struggling to pay the rent and keep food on the table. But as Corley points out, these are parents who consider a good education a necessity, not a luxury. "We get kids from caring families," he says. "They are willing to believe in their children's futures."

So are Corley and Hahn, who serve respectively as executive director and treasurer of the school. For Corley it's a fulltime job; he's on the rented premises at the John Hope Settlement House every day, and is one of four full-time teachers. Hahn helps with administrative and fund-raising duties, making frequent visits from Pittsburgh, where he is an associate professor in Carnegie-Mellon's School of Urban and Public Affairs.

Community Prep represents a long-time dream for Corley, an education major with a commitment to improving life in less affluent sections of his native city. Born in Providence's West End, he now lives there with his wife, Betsy Beach '77, and their two children, in the house his late grandparents used to own on Puritan Street. "Cities are places where varied groups can learn to live together," he says, explaining the location of his school and his family's residence. "Even if we were making a bundle of money, we would still choose to live in this neighborhood. We believe in the melting pot."

Far from making a bundle, Corley is pulling in less than half of what he could make as a public-school educator. Teachers at Community Prep work there because they believe in the place, not because they're in it for the money. "If I were teaching in a public school today, with ten years experience," Corley says, "I could be making

JOHN FORASTE

JOHN FORASTE

Bob Hahn (above), Dan Corley (left) with students at Community Prep.

$30,000 plus benefits. Here, I make $14,000 with only a little help towards benefits."

Before starting Community Prep, Dan Corley student-taught at Hope High School, taught at a Providence Catholic school, and served a year-long stint in VISTA trying to improve communications between Providence teachers and students. He took graduate courses at Dartmouth, Rhode Island College, and Providence College. When he finally felt ready to put his dream of a private inner-city academy into action, he was finishing five years of working at Ocean Tides, a therapy-based school for delinquent boys in Narragansett, Rhode Island.

Community Prep's curriculum emphasizes the academic basics but allows students to work at their own pace—often an accelerated one—and challenges them to develop leadership skills and personal responsibility through "dynamic discipline," as Corley calls it. ("It's dynamic because the goals change each week; it's discipline because once a student sets goals, he has to stick to them.")

"The parent, student, and teacher sit down every eight weeks," Corley says, "and set goals for the student. Parental involvement in the child's education is vital. When the home and the school work together, the student benefits."

"Community Prep parents," says Bob Hahn, "take on responsibilities that aren't expected in the public schools. If a child is doing poorly, the parent is told right away and the teachers will want to discuss why. Parents also are involved in remedying the problem."

Students receive instruction each morning in reading, writing, and mathematics. To move on to a new skill level in these subjects, they must pass measurement tests with a minimum score of 80. In the afternoon, students work on special projects that span other curricular areas. One project involved presenting plays and skits at a neighborhood library during Black History Month. Corley and Hahn both make it clear that Community Prep is neither an open-classroom "alternative school" nor a completely traditional academy; it combines, they feel, the best features and philosophies of both. The emphasis is on personal attention, so no class has more than ten students at a time.

More than half of Community Prep's shoestring funding was personally solicited from individuals by Hahn. "In 1983, our first fund-raising drive brought in $13,000 for start-up expenses," he says. "In 1984 we received $28,000 from individuals and $25,000 in grants and pledges from organizations and foundations."

This year Hahn and Corley have raised their fund-raising sights, setting a $75,000 total goal. "Our operating costs were $60,000 last year," Hahn says. "That's low, because we have an excellent facility at a very low rent, and our teachers subsidized the school by taking lower salaries. We need more equipment, such as computers; someday we'll need a new building. What we really need is an endowment."

Dan Corley is wrapping up the accelerated math class for the day, but some students remain seated and absorbed, their pencils making soft scrabbling sounds as they finish a problem. "We're getting excellent results," Corley says proudly. "In our first year, the average student's growth in three months on a basic vocabulary test was equal to a full year's learning." The eighth graders last year showed an average improvement of more than one grade level in vocabulary and mathematical skills.

But Corley is even prouder of a less tangible proof of Community's success. "We have virtually no unexcused absenteeism," he says. "About one-third of the student body in the public-school system is absent on a given day, but here, if we have two students out, that's unusual. Parents tell us they're happy with the enthusiastic way their children approach school and homework."

When Community outgrows its rented classroom and office spaces, Corley and Hahn hope they'll be able to build their own facility. "I expect to be out of here no later than year four," Hahn estimates. But, Corley adds quickly, "We're *not* going to move to the East Side. It's important for us to be readily accessible to the poor, to people from many different neighborhoods."

His dream doesn't stop there. "We plan to continue to work on our reputation for offering a high-quality education," Corley says. "We have real ethnic and economic diversity, but we also hope to be competitive. I'd like us to be one of the state's five or six first-rate private schools." *A.D.*

Morey Filler '61 and was joined by **David Shapiro** for her naming ceremony."

Leighton A. Wildrick, Philadelphia, is president and CEO of Private Services Corporation, an international consulting company providing a wide range of services to foreign investors. His wife, Eve, was expecting their second child to arrive around Christmas.

Debra Willen, Washington, D.C., has returned to work on a part-time basis with the Office of the General Counsel of the National Labor Relations Board. The other part of her time is spent with her new daughter, Stacy Fullerton, who was born April 1, 1985. Husband Larry is in practice with the law firm of Powell, Goldstein, Frazer & Murphy, in Washington.

Thomas H. Wood is a member of the technical staff in the photonics circuits research department of AT&T Bell Laboratories. He has a house in Highlands, N.J., and he encourages Brown friends to get in touch.

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Dr. **Albert D. Baffoni, Jr.** ('79 M.D.) reports that his wife, Tina, gave birth to their first child, David Hugo, on May 4, 1985. Al is completing a fellowship in critical care medicine at Letterman Army Medical Center in San Francisco.

Dr. **Thomas E. Chappell**, Romney, W.Va., is an internist in a small hospital in rural West Virginia.

Alison Nichols Ferring and **John H. Ferring IV** '75 were expecting twins in January in St. Louis. "Send help."

Gail Forsyth-Vail, Haverhill, Mass., is on leave of absence from her teaching job, after giving birth to Heather Louise on Sept. 24. Heather's older sister, Stephanie, is 4.

Dr. **Mark L. Greenberg** ('79 M.D.) joined the cardiology section at Dartmouth-Hitchcock Medical Center last August. He has established a new clinical electrophysiology laboratory and is an assistant professor of medicine at Dartmouth Medical School. Mark and his wife, Laurie, a nurse, live in Hanover, N.H.

Frank J. Moncrief, Palo Alto, Calif., says that he returned "from Japan to attend **Bob Condon**'s ['74] 34th birthday. He keeps getting older while I keep getting younger!"

Dr. **Janet A. Schaffel** ('79 M.D.) and her husband, Robert Fraga, are the parents of David Aaron, born last July 24.

Sharon Lack Stein and her husband, **Ross** '75, gave birth to Monica Sarah on Oct. 2. Monica is a "7 lb. 2 oz. red-headed beauty."

Dan Wasser, New York City, has recently joined the law firm of Dreyer and Traub, where he specializes in corporate securities law. He is married to **Marcia Zaiac Wasser** '78, and they live in a Manhattan loft they designed themselves.

Amy J. Weiner, Berkeley, Calif., received a Ph.D. in molecular developmental biology from Indiana University in 1983. She is working in the field of molecular virology at Chiron Corporation in Emeryville, Calif.

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Edward S. Annunziato and Dr. **Elissa Goodman Annunziato**, Chatham, N.J., are the parents of a 1-year-old, Alexandra Lauren, born Dec. 26, 1984.

After two years of teaching at SUNY Stony Brook, **Archie W. Brown** and his wife, Donna, moved to Amherst, N.H., where they both work for Digital as software engineers.

Mark H. Charles, New York City, is engaged to Cindy Waldman, a New York City attorney, and they are planning an August wedding. Mark recently joined the legal department of RKO General, Inc., where he is primarily involved with the company's television and motion picture divisions.

Heather Claflin Clayton, who married John Clayton (Georgia Tech '78) in 1981, is the mother of Robin Paige, born on Oct. 22. They live in Northborough, Mass.

Thomas F. Conboy III amd his wife, Karen, of Plymouth, Mass., announce the arrival of their first child, Thomas IV, in June 1985. The Conboys are relocating to Cleveland, where Tom will be the marketing director for Concorde Castings, Inc.

Drs. **Raymond** and **Karen Kenney Dickson**, Brookline, Mass., announce the birth of their first child, Elizabeth Russel, last Aug. 20. Raymond has finished his internal medicine residency at Mass General Hopsital, and Karen is in the final year of her psychiatry residency at McLean Hospital. "We are enjoying the new experiences of parenthood, a tremendous blessing."

Fredric O. Esper is living in Fairfield, Conn., and still working for Tetley, Inc., where he is now product manager for retail coffees. He would love to hear from others in the Fairbeld area.

Harry J. Finke IV, Cincinnati, is practicing law with the firm of Graydon, Head & Ritchey. "While attending a seminar in New York recently, I had the pleasure of speaking with **Michael E. Klehm**'s answering machine."

Alan B. Fischer and his wife, Betsy Groban, of Cambridge, Mass., "are blessed with a wonderful daughter, Phoebe Fischer-Groban, who turned 1 on Sept. 27. I am now employed as a principal scientist researching medical diagnostics for the Allied Corporation."

Debra Ehrman Kaye, San Francisco, was married to Ted Kaye in 1983. Their first child, Mason Ehrman, was born last Aug. 15.

Eugene and **Jody Levine Mahr** and their 1-year-old, Christopher, are living in New Haven, where Eugene is enrolled in Yale's School of Organization and Management, working toward a master's of public and private management.

Jann Matlock and **Tony Daley** are back from Europe after two years of dissertation research. Tony was a DAAD and Tocqueville Fellow; Jann was a DADD Dissertation Fellow in Germany and France. They are now living in Berkeley, Calif.

Dr. **Judith Owens-Stively** ('80 M.D.) has moved back to Rhode Island after completing a fellowship in behavioral pediatrics and earning a master's in public health at the University of Minnesota. She is a fellow in child psychiatry at Brown, and her husband, John, is a family practitioner with the Rhode Island Group Health Association.

Lorraine S. Ricard, Hudson, N.H., is working for Digital Equipment Corporation in Nashua as a principal software engineer with supervisory responsibility for a group of software engineers. "Last year I bought my first house—gone are the carefree days of apartment life!"

Ron Sarachan, Glenside, Pa., is working as an assistant U.S. attorney in Philadelphia. He and his wife, **Lisa Miller** (see '78), have a son, Tom, 4, and a daughter, Margaret Elinor, born April 27, 1985.

Barbara Sunderland, Houston, has formed a partnership with **Thomas A. Brady** '47. Sunderland & Brady is an international advertising, marketing, and public relations firm. In the first nine months, they have represented clients on four continents, Barbara says.

David Wiegand, Dalton, Georgia, was seriously injured in an automobile accident in May 1984. He has had several operations and has been recovering very well.

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Dr. **Jacob Asher** and his wife, **Nancy Hosay**, "have discovered the joys of homeowning in San Francisco." Jacob continues his residency in head and neck surgery at the University of California-San Francisco, and Nancy is an assistant account executive for Allen & Dorward.

Jonathan Bell owns Stereo Discount Center on Angell Street in Providence. Formerly the Student Discount Center, the store was moved to its current location (where Ashley Hi-Fi used to be) after extensive remodeling of the building. Jonathan lives in Providence.

Elisabeth Culver, Acton, Mass., is still in "temporary retirement playing mom and working part-time on an M.B.A." Her husband, Bob, is director of engineering at Itek.

Melora Furman, Chicago, is an associate planner for the Chicago Housing Authority.

Elizabeth J. Doyne, Ph.D., is living with her husband, Kent Osborn, and daughter, Alison, in Rochester, N.Y., where she has a private practice doing individual and couple psychotherapy. She also has a part-time position at the University of Rochester Medical Center.

Alan Harper is living in Berkeley while he is finishing his doctorate in zoology from the University of Washington. "Moving to earthquake country gives one added incentive to finish one's dissertation quickly."

Kevin Harrington, Brooklyn, says that "after spending four years in the Manhattan D.A.'s office, I am leaving to become an associate in the firm of Lord, Day & Lord in New York."

Martin E. Hsia, Honolulu, married June Chun in 1983, and their first child, Robert Edward Tien Ming, was born April 1. Since 1981, Martin has worked for the Honolulu law firm of Cades, Schutte, Fleming & Wright. "I've been playing clarinet and saxophone in stage orchestras, and ice

hockey (yes, ice hockey), but have had to cut back since the baby was born."

Arthur Kentros, Tucson, married Mary Kokinos on Sept. 1. **Dana Levenson** '79 and **Peter Panton** '79 served as ushers. Arthur works as an attorney for IBM at the company's Tucson facility. Mary is enrolled at the University of Arizona Medical School.

Burt Lee is working in Jamaica and can be reached via Liguanea Club, Cross Roads, Kingston, Jamaica, West Indies. He expects to be there until summer, when he plans to go to graduate school in engineering and/or business.

Nancy Lemann, New York City, author of *Lives of the Saints*, published last year by Alfred A. Knopf, is at work on her second novel. This fall she covered the Louisiana governor's trial in her home town of New Orleans for *Vanity Fair*.

Dr. **Calvin A. Michael** and Dr. **Wanda N. McCoy** were married in June 1985. Calvin is a resident in psychiatry at Albert Einstein Medical Center in the Bronx, and Wanda is an attending physician in pediatrics at Woodhull Hospital in Brooklyn. They live in Mount Vernon, N.Y.

Lisa Miller is in the Ph.D. program in music theory at the City University of New York, working on a musical iconography project at the Philadelphia Museum of Art. She and her husband, **Ron Sarachan** (see '77), are the parents of Tom, 4, and Margaret, born April 27, 1985. They live in Glenside, Pa.

Jonathan Morris is living in Buffalo with his wife, Wendy, and his son, Philip, 2. He's "entrenched in my second year of a three-and-a-half-year master's of architecture program at SUNY Buffalo."

Roger Ranz, Kenner, La., married Sally Stahlman in Kaufman, Texas, last May. They were attended by Dr. **Robert Golomb** and **Jacques Lord** '79, brothers from Phi Delta Beta. In July, Roger moved into a business planning position with Exxon in New Orleans.

Mark Reynolds was married to Susan Boehm on Nov. 2 in Brooklyn Heights, N.Y. The Rev. **Craig Townsend** performed the ceremony. Mark works for Trade Credit Underwriters in New York.

"I am enjoying life here on the Eastern Shore of Maryland," writes **Lawrence P. Sanford**. "I'm working at the University of Maryland Center for Environmental and Estuarine Studies, hope to stay awhile, and would welcome visits from Brown friends." He lives in Easton, Md.

Mark Schachner lives on a small lake in the Adirondacks, where he spends a lot of time windsurfing, canoeing, skiing, and playing tennis and basketball, when he's not working as a partner in the Glens Falls, N.Y., law firm of Miller Mannix Lemery & Kahn, P.C., where his time is devoted primarily to environmental law.

Jill Berkelhammer Zorn, Hartford, married Jonathan Zorn in June 1984. She is working as assistant director for planning at Mount Sinai Hospital, and Jon is attending UConn law school. Jill completed her M.B.A. in health management at Boston University.

Carrie Fox Solin and her husband, **Larry** (see '75), are living in Philadelphia. Carrie is marketing manager for plastics additives at Rohm & Haas.

Marcia Zaiac Wasser, New York City, is an account supervisor/vice president at Young & Rubicam, working on General Foods International Coffees. She and her husband, **Dan Wasser** '76, live in Manhattan in a loft they designed themselves.

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Diane M. Forte, Washington, D.C., received a master's in city and regional planning from Harvard's Kennedy School of Government before moving to the D.C. area to work as an economic analyst for a real estate market research firm for two years. "I am currently an assistant vice president with SUMAWEEL Corporation, the real estate joint venture subsidiary of Perpetual American Bank."

Dr. **Alon A. Garay**, New York City, is in his third year of residency in orthopaedic surgery at New York Medical College.

Steven Goldberg, Fresh Meadows, N.Y., an assistant actuary with Frank B. Hall & Company, Inc., has achieved the distinction of associate of the Casualty Actuarial Society. The society is dedicated to the development of professional actuaries and to the advancement of actuarial science. The associateship designation is achieved through successful completion of seven comprehensive mathematical, statistical, and insurance examinations.

Paul Jester reports that he has "been in San Diego, working for Hewlett-Packard Company as an OEM account manager, for a year now and finally have my tennis and golf games in pretty good shape. The weather here is great, but give me September and October in the Northeast. I've got my Seaworld and San Diego Zoo passes, so, as always, guests are welcome."

John Mesberg and his wife, **Beverly Yashar Mesberg**, had a baby, Zachary, on Sept. 18. Beverly recently received her doctorate in molecular genetics at the University of North Carolina and will begin postgraduate work at Duke in March. John is "enjoying our family furniture business, but am especially enjoying the new addition to the family. Would love to hear from classmates!"

Paul and **Avi Baran Munro** write from La Jolla, Calif., that they are "ecstatically watching little Joseph grow into a beautiful, curly-haired, blonde, blue-eyed angel."

Susan Engle Odessa and her husband, Ed, of Providence, report the birth of their daughter, Brooke Hyse, on Nov. 29, 1984.

Dr. **David Gordon Reis** and his wife, Linda, of the Bronx, are the parents of Eleanor Clara, born Oct. 10. Eleanor was born at the Child Bearing Center of the Maternity Center Association in Manhattan. David is completing residency in internal medicine at the Einstein College of Medicine/Jacobi Hospital and will be a fellow in cardiology this year at NYU. Linda is teaching nursing at Lehman College of CUNY.

Aaron J. Schuman, San Jose, Calif., is developing computer network software for Hewlett-Packard in Cupertino, Calif.

Bob Shorb, Bethesda, Md., received an M.B.A. from Wharton in 1984 and returned to Washington, D.C., to work for the Oliver T. Carr Company, a local real-estate developer. Most of his time is spent on working as the project manager of the renovation of the Willard Hotel on Pennsylvania Avenue. "Old friends can reach me at 4713 South Chelsea Ln., Bethesda, Md. 20814."

Margaret E. Thomas has joined the Leicht Tranor Norwalk agency in Providence as assistant account executive. She had been assistant to the president at the Community College of Rhode Island, marketing manager for sports/special events at the Balfour Company in Attleboro, Mass., and assistant to the administrator at the major league baseball commissioner's office in New York.

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Hubert A. Allen, Jr., married **Deborah L. Helitzer** on Sept. 28 (see '74).

Sybilla K. Beckmann, Philadelphia, will be graduating this spring from the University of Pennsylvania with a Ph.D. in math.

Aliki Barnstone married Dan James in an outdoor wedding in the Mountain Theater at Mount Tamalpais, in Marin County, Calif., on Sept. 29. "There were many poems—the 'Song of Songs,' pieces by Sappho, George Herbert, Emily Dickinson, Elizabeth Barrett Browning, Willis Barnstone, and Pedro Salinas—and many people from Brown. Everyone was happy!"

Debra Bradley moved to Tampa from Massachusetts last July to be a reporter at the *Tampa Tribune*. "I'm now in a bureau covering education, medicine, fire, and police. Florida is utterly different from New England, but I'm adjusting."

"After one year in public accounting," **Jacqueline Brown** says, "I find myself continuously asking the question, 'Why am I doing this?' Despite the answer, I find myself hot on the audit trail for another year, so if anyone is in the area and wants to drop by or give me a call, don't bother because I probably won't be free until sometime next May!"

William Butler, Warwick, R.I., is still the DP manager for Divvit Systems, Inc., where computer operations have expanded to a five-company coast-to-coast network. "For other fun and games, I've been white-water rafting as well as skiing in St. Anton and Val Thorens."

Philip J. Kaplan, New York City, was married to Nancy J. Hollstein on June 23, 1985, in Haverford, Pa. They are living at 228 East 6th St. #4, New York, N.Y. 10003.

Dr. **Deborah Kasman**, Seattle, has "traveled about since Brown, graduating from medical school at the University of North Carolina in Chapel Hill in May 1985. I am now a first-year resident in family medicine at the University of Washington. My address is 308 24th Ave. East, Seattle 98112."

Theresa J. Miller, Tallahassee, was married to Robert F. Smith in Miami last Aug. 3.

Diana Puglisi, Bethpage, N.Y., writes: "After saying goodbye to commuting on the

Long Island Railroad, I joined the Whole Wheat Bagel Brigade. As an editor (and occasional indexer, paste-up artist, and typesetter) at Avery Publishing Group in Garden City Park, I've worked on books about holistic health, pregnancy and childbirth, breastfeeding. Avery also specializes in military history; I've worked on those books, too. In my spare time I struggle with chronic editorial disease, reading all the copyright pages I can find, scanning restaurant menus for typos, and continually revising everything. This letter, for example, has taken two-and-a-half years to write."

Anne Riley and **Daniel Lam** were married on June 23, 1985. They are living in Dearborn, Mich., where Anne works for Ford Motor Company in truck operations. Daniel is working for IBM in Southfield, Mich.

Paul Schur and his wife, Dee Dee, are the parents of David Benjamin, born July 31, 1985. They live in Burke, Va.

Andrew R. Wiener and Beatrice Y. Motamedi were married June 22, 1985, in Berkeley, Calif., and are working in the Bay Area. Andrew is a lawyer specializing in litigation, and Beatrice is a reporter and editor. Attendants at the wedding from Brown were Andy's father, Dr. **Stephen N. Wiener** '48; his uncle, California Appeals Court Associate Justice **Howard B. Wiener** '52; Andy's brother, **Clifford Wiener** '76; and Dr. **Harold S. Goldman** '50. Andy's and Beatrice's address is 38 Belvedere #6, San Francisco 94117.

81

Robert Berkman has completed the two-year training program that qualifies him for work in the diplomatic corps. "However, I won't be getting the 'diplomatic treatment,' sad to say. As assistant adjunct attaché, I am relegated to visa processing and replacing lost passports. Friends should drop by for a day of fun in the East German 'Haupstadt.' Write to me at Posttache 381, U.S. Embassay, Unter Den Lindens 18, 2157 Berlin DDR, East Germany."

Dr. **Nancy Carney** writes, "After all the hoopla of our wedding, Mark (Russell) and I are settling into a routine. He's a corporate lending officer with Toronto-Dominion Bank, and I've joined a seasoned family practitioner in private practice in Denver. We look forward to the ski season and welcome any friends from Brown." They live in Arvada, Colo.

Paul Delson is about to enter the "real world" after graduating last May from UCLA with his J.D. and M.B.A. degrees. He is working for the Hammond Company, a mortgage banking firm in Newport Beach, Calif. His home address: 2842 Terry Rd., Laguna Beach, Calif. 92651.

Marine 1st Lt. **Derek J. Donovan** has returned to Marine Corps Air Station New River, in Jacksonville, N.C., after participating in Combined Area Exercise, a month-long exercise conducted in Twentynine Palms, Calif. Derek joined the Marine Corps after graduating from Brown.

Quentin C. Jay graduated in architecture from the Harvard Graduate School last March and has been living in Cambridge while working for the Boston firm of Notter Finegold & Alexander.

J. Stephen Lee, Mandeville, La., works for a small, independent oil company in Covington, La.

Steve Lincoln is a third-year student at the Boston University School of Law and a member of the law review there. "Old friends, please stay in touch. My new address: 50 Beals St., Brookline, Mass. 02146. (617) 734-0049."

Amy Lowrie married Paul N. Taivalkoski on Aug. 24. **Jacki Cullen** was her maid of honor, and **Beth Burlingame** was a bridesmaid. The wedding took place in the Upper Peninsula of Michigan, but the couple is living in Stowe, Mass.

Dr. **Mark S. Munroe** graduated from medical school in June 1985 and has started a residency training program in internal medicine at the University of Washington, Seattle.

Melanie Northrop is a second-year Ph.D. candidate and teaching fellow in the English department at Harvard University. After receiving her M.A. from the University of Pennsylvania, she decided to head back to New England, and now resides at 43-A Roberts Rd. in Cambridge.

Maxanne Resnick is working as a fund-raising consultant "(mostly Democratic political) in New York City. Having lived with **Kerri Ratcliffe Henderson**, and **Katherine Hazard**, I'm moving on to yet another Brunonian roommate, **Mindy Bender**. Some old habits never die. See you at our 5th reunion!"

Dr. **Ted Richman** graduated from Tufts Medical School in June. He is a first-year resident in family practice at the University of Maryland in Baltimore. He is working hard and looking for a windsurfing or sailing partner for his occasional day off.

Jan Waldman reports: "I am living in New York and producing a community affairs program, 'The Open Mind,' that airs on public television around the country. I just returned from San Francisco, where we taped some shows, and am hoping to get back there, permanently, soon."

82

Matthew D. Aaron is at the Darden School of Business at the University of Virginia, working on his M.B.A.

Linda Alpert and Stephen Gillis were married on June 2, 1985, in Boston. The wedding party included **Debra Alpert** '81 M.A.T., **Julie Eleuteri**, **Donna Shapiro Robiner**, and **Robin Soffer**. After an island honeymoon in St. John, St. Thomas, and Bermuda, the couple returned to Rochester, N.Y. Linda is a Ph.D. candidate in clinical psychology at the University of Rochester, and Steve is director of production at Continuing Developmental Services.

Steven Baer and **Donna Conaton** were married in 1983 and are living in Chicago. Donna sells municipal bonds with Clayton Brown and Associates, and is chairman of the Loop Crisis Pregnancy Center, a non-profit agency that helps provide alternatives to abortion. Until late 1984, Steve worked for a public-interest law firm involved in many legal and legislative efforts against abortion. He is executive director of the United Republican Fund of Illinois, a conservative political fundraising and advocacy organization, and has entered the University of Chicago's M.B.A. program. Recent articles he has written on various public policy issues have appeared in *National Review*, *Columbia Journalism Review*, the *Chicago Tribune*, and *Christianity Today*.

Leonard T. Dicostanzo is working as a data communications analyst with AT&T. He has also started a business called Turnkey Computer Systems, specializing in computerizing small businesses interested in personal computers. "Roommates **Keith Simpson**, **Christopher DeWitt**, **Joseph Gallo**, and I have been keeping in touch by meeting in various states on the East Coast. The memories live on. Anyone in New York City, or interested in p.c.'s, drop a line. (718) 273-0857."

Gwenn Sewell Gebhard married **Paul R. Gebhard** (see '84) on Dec. 29, 1984. They are attending Columbia University as graduate students in the School of International and Public Affairs. Gwenn is getting a joint master's degree from the public affairs program and from the School of Public Health. It's a three-year course of study, and she will finish in 1987. She is specifically interested in environmental health policy and science and technology policy in America.

Linda Gray and **Greg Soloway** were married on Aug. 25 in New York City. They are both fourth-year medical students at Cornell University Medical College. Among Brown alumni attending were **Liz Soloway** '84, maid of honor; **Andrew Soloway** '86, best man; and **Joe Soloway** '56, father of the groom.

Beth Klafter is in the middle of a five-year program at the Hebrew Union College in New York City, studying to become a reform rabbi. Last fall she got married to fellow rabbinical student Jonathan Hecht. They're living in Greenwich Village.

Lisa Liu, St. Louis, is a first-year student at St. Louis University School of Medicine.

Susan Meckauer and Gregory Corbett were married in New York last August. Susan is completing her M.B.A. at Harvard, and Gregory is working for Merrill Lynch in New York. They live in Port Washington, N.Y.

Brad Voigt, Westport, Mass., has been appointed director of major gifts and capital programs at Rhode Island School of Design. He will be responsible for managing the Landmarks Campaign, the $17.4-million drive to raise funds to finance RISD's renovation and construction projects.

David C. Walker reports that "1985 was a tremendous year. I joined General Motors Acceptance Corporation as a senior analyst in the borrowing department in June. Three months later I married Beth Williams, a classmate of mine at the University of Michigan Business School, and we moved to Ann Arbor. I have gotten heavily involved in alumni and recruiting activities, and get back to Providence twice a year. All visitors to the

Ann Arbor area are welcome to call me at (313) 662-9069."

83

Dana D'Alessandro Haseotes, Cumberland, R.I., finished her M.P.H. in January 1985 and married George P. Haseotes on May 26, 1985. Their reception was at Roseeliff, and the wedding party included **Alexandra Garbers Pruner**, **Susan Woodring** '84, **Tracey Madden** '84, and **Cammie Tuttle** '84. Dana is working for Rhode Island Governor Edward DiPrete as his policy analyst for health and human service issues. "The job is both challenging and fun, and it gives me a chance to visit Brown occasionally."

Rod Jones will be taking the Georgia bar exam this month, and he expects to graduate in May from Emory University School of Law. He has received offers of employment from several law firms in Atlanta. He is interning eight hours a week with the U.S. Attorney General's office.

Cindy Paradies is "indulging in the political world of Washington, D.C.," working as a legislative assistant for a congressman. "Love my work and the city, and I'd love to hear from friends at 2308 19th St. NW, Washington, D.C. 20009, or (202) 483-5914."

Charles Rosenberg is in his second year of graduate school in Princeton University's department of psychology, "where I am trying to figure out how people think. When I am finished with this, I would like to travel."

Nina Stillman-Mandel and her husband, **David** '82, live in Chicago. She is "enjoying/struggling" with her first year at the University of Chicago Law School. David has accepted an offer from Cotheld, Ungaretti, Harris & Slavin.

Kent Swig, San Francisco, is attending Hastings Law School. He is working for Cushman and Wakefield in the financial services group, selling hotels and office buildings in San Francisco and Los Angeles

Annette Thomas, Sparkill, N.Y., has joined General Foods Corporation in the marketing research department in White Plains.

Peter Waldman just returned from Japan, where he lived for a year as a freelance journalist, having initially gone there on a fellowship from the Japanese government that brought him there for ten days.

Gerald Weil is still working at Bell Labs. "I'd love to hear from people (especially old roommates), who can write to my new address: 1097 Charlotte Pl., Rahway, N.J. 07065."

84

Pamela R. Bleisch, Venice, Calif., is working on a Ph.D. in classics at UCLA, after receiving her master's in classics from the University of Chicago. "Although I miss the brisk autumn air and flaming leaves of New England, I do have the sound of the surf and the balmy breezes in the palm trees—I'm only a stone's throw from the beach. Thalassa, thalassa ..."

Mark Bohm has returned to Providence after receiving his M.S. in civil engineering from UC Berkeley. He is working for Hibbitt, Karlsson, and Sorenson, Inc., an engineering firm near Wayland Square that is "a hotbed of high technology and other neat stuff."

Felicia DeDominicis, Farmington, Conn., has "enjoyed the field of public relations since graduation. Never thought I'd last this long in one profession! Anyone passing through Hartford, Conn., is welcome at One Lakeview Drive in Farmington."

Paul R. Gebhard married **Gwenn Sewell** (see '83) on Dec. 29, 1984. They are attending Columbia University as graduate students in the School of International and Public Affairs. Paul is in the international affairs program. His area specialty is Eastern Europe, and his functional specialty is security studies. He will receive his master's in international affairs in June.

Beverly Lewis is a second-year graduate business student at the University of North Carolina at Chapel Hill. She got married over the summer, and **Donna DeWitt** was maid of honor.

Beth Mezoff, Los Angeles, is in her second year at UCLA law school. "There certainly is a lot more sun here than I ever saw during my four years on College Hill! I'd love to hear from anyone travelling through L.A. (213) 208-1636."

Thomas G. Plante has finished his final dissertation defense and graduate school at the University of Kansas in the Ph.D. program in clinical psychology. He's applying to clinical internships in the Boston-Providence area. "Other Brownies here in Lawrence include **Al Sherman** 83, **Nancy Dee** '82, **Bob Fever** '82, **Jill Robins** '83, and **Heidi Steinetz** '84."

"I never thought I would send a blurb to the *BAM*," writes **Vernon A. Rosario II**. "It seemed like advertising in the *Village Voice* personals—but it is so exciting to find old friends resurfacing. Assuming I have old friends ... I actually did graduate after a scintillating season in Paris, and now am in a frenetic race shuttling daily between a little medical school in Boston and a techy sort of place in Cambridge. Address: Box 415, 107 Ave. Louis Pasteur, Boston, Mass. 02115."

Michael Silberberg, New York City, is interested in compiling a directory of anyone in the class of '84 who lives in the metropolitan New York area. "If you are interested in being included, send a letter with your name, address, home and work phone number to: Michael Silberberg, 420 East 70th St., Apt. 10J, New York 10021."

Della Spring, New York City, is "continuing to love my job as assistant buyer of better and designer sportswear at Saks Fifth Avenue. Am currently designing separates and blouses for their private label program."

85

Frank Bozzo and **Ted Johnson** would like to report that they "are enjoying a cosmopolitan existence, sharing an apartment above a hardware store, across the street from the 'L' tracks in the windy city of Chicago. Frank is a systems engineer with IBM, and Ted is doing research at Children's Memorial Hospital. All are encouraged to write us at 921 West Armitage Ave., Apt 2W, Chicago 60614."

Kenneth Lin, Ithaca, is a graduate student and research assistant in applied physics. "Pressure is a way of life. Someday this will mean something."

David Marshall is a Mombusho English Fellow at the Hyogo Prefectural Institute, near Kobe, Japan.

Adam E. Namm is living and working in Newport, R.I. His job at Kessler Marketing Intelligence, a fiberoptic consulting firm, is "stimulating and exciting."

Janine A. Roeth, Palo Alto, Calif., is working for Stanford University at IRIS. "Everything is wonderful out here, and I welcome a note or visit from any friend —1152 Greenwood Ave., Palo Alto 94301."

John P.A. Taupin and **Mike Bidun** are living in Palo Alto, Calif., in an apartment formerly occupied by **Dan Benua** '79. "I must admit I was pleasantly surprised," John writes, "when, having just graduated, I moved 3,100 miles to a new state and a new home, only to find a copy of the *BAM* delivered to my doorstep the second day I was here!" John and Mike would welcome Dan for a visit any time.

GS

Rabbi **Morton Goldberg** '35 A.M., Toledo, Ohio, retired from the active Rabbinate in 1972 to teach Judaica at Lourdes College (Toledo) and at Siena Heights College (Adrian, Mich.). He was elected to Theta Alpha Kappa honorary, for contributions to religious teachings and studies.

Theresa E. Trifari '37 A.M., Cranston, R.I., ran for delegate to the Rhode Island Constitutional Convention.

Jane Spencer Schwantes '44 A.M., Woodstown, N.J., reports that she and her husband are "delighted with the arrival of our third grandchild, Emily, in Columbia, S.C."

Juanita Wagner '49 Ph.D., Camano Island, Wash., is working for the regional office of the Environmental Protection Agency in Seattle. She reports that most recently she worked on a pesticide usage study.

Donald H. Fortnum '58 Ph.D., Gettysburg, Pa., is a professor of chemistry at Gettysburg College.

Earl A. Pope '62 Ph.D., Easton, Pa., spent his sabbatical leave from Lafayette College last year doing research and writing on the different aspects of the religious situation in Eastern Europe.

Charles J. Wrong, '68 Ph.D., Tampa, Fla., is retiring from the history department of the University of South Florida in June. He hopes to return permanently to Canada.

Morris D. Edwards '73 M.A.T. (see '72).

In a class note published in November, we neglected to mention that Diana Davids Olien is the co-author, with her husband, **Roger M. Olien** '73 Ph.D., of *Oil Booms* and of *Wildcatters*. Their most recent work, *Life in the Oilfields*, is scheduled for release in March by Texas Monthly Press.

Hildburg Herbst '75 A.M. ('79 Ph.D, Princeton) is the mother of two grown daughters. She was granted tenure last

spring and is an associate professor in the Germanic languages and literature department at Rutgers University in New Brunswick, N.J.

Erminia "Erma" Pascucci '77 A.M. ('75, '84 J.D. University of Connecticut) has joined the law firm of Yamin and Minnella in Waterbury, Conn., as an associate in the general practice of law.

Capt. **Kurt A. Fichtner** '83 Ph.D. has completed the U.S. Air Force military indoctrination for medical service officers at Sheppard Air Force Base in Texas. He is serving at Loring Air Force Base in Maine.

MD

Robert I. Parker '76 M.D. (see '73).

Margaret M. Parker '77 M.D. (see '73).

Larry Solin '78 M.D. (see '75).

Albert D. Baffoni, Jr. '79 M.D. (see '76).

Mark L. Greenberg '79 M.D. (see '76).

Janet A. Schaffel '79 M.D. (see '76).

Judith Owens-Stively '80 M.D. (see '77).

OBITUARIES

By James Reinbold

Caroline Blodgett Clark '12, Jacksonville, Fla.; Sept. 7. Survivors include her daughter, Caroline Smith, 7340 Ventura Ave., Jacksonville 32217.

Nelson Barlow '17, Cranston, R.I.; Nov. 5. He was a retired textile executive and a pioneer in the roller printing of tubular knit goods and the processing of synthetics. After his retirement, in 1959, Mr. Barlow engaged in consulting work for the textile industry. He worked for a number of companies during his career, including S. Slater & Sons, Webster, Mass.; and Verney Dyeing & Finishing Company, Peterborough, N.H. He served ten years as assistant manager of the Apponaug Company, in Warwick, R.I., then later returned to Apponaug as vice president and general manager. He was a lieutenant and served overseas during World War I. Phi Beta Kappa. He is survived by three daughters, including Edith Barlow, 55 Dellwood Rd., Cranston 02920, and four grandchildren.

The Rev. **Harry Ellsworth Rahming** '18, Denver; Aug. 28. He served as rector of the Church of the Holy Redeemer in Denver from 1920 until his retirement in 1966. A major figure in the Episcopal Diocese of Colorado and in the Denver black community, he was appointed by Colorado Gov. John Love in 1967 to the Judicial Nominating Committee for the Second District of Colorado. Mr. Rahming was a graduate of the Episcopal Church's General Seminary in New York City and was ordained in 1918. He later received a master's degree in theology and a doctorate in theology from the Iliff School of Theology in Denver. Survivors include his wife, Minnie, 367 South Kearney St., Denver 80222, and a daughter.

Dr. **Eske Windsberg** '21, Providence; Nov. 7. Formerly surgeon-in-chief at Miriam Hospital for fourteen years and senior surgeon at the Veterans Administration Hospital in Providence, he was well known for his contributions to medicine, particularly in the area of colonic surgery. Born in Lithuania, he came to the United States at the age of 5, and lived in New Bedford, Mass., before settling in Providence. He had a private practice from 1932 to 1963, the year he joined the staff of the VA hospital. He retired in 1978. He graduated from the Cornell University Medical School in 1925 and in 1931 received a M.Sc. (Medicine) from the University of Pennsylvania. Survivors include a son, Sigmund, 768 Elmgrove Ave., Providence 02906.

Agnes Cole Horgan '23, Three Rivers, Mass., a retired pharmacy owner; Sept. 22. She had also taught French and Latin at Palmer High School in Three Rivers. Survivors include her daughter, Patricia H. Lambert, P.O. Box 5, 126 Main St., Three Rivers 01800.

Edward Wayne Harlow '24, Rockland, Mass., retired president of the Rockland Savings Bank; Oct. 11. A former president of the Rockland Chamber of Commerce, he was also a president of the Rockland Kiwanis Club. Sigma Nu. He is survived by his wife, Wenonah, 370 Webster St., Rockland 02370.

The Rev. **Esther Alice Haskard** '24, Biddeford, Maine, a pastor in Methodist churches in Maine until her retirement in 1964; Nov. 6. She is survived by her sister, Ruth Gelatt, Pinewood, Apt. #211, Ocean Park, Maine 04063.

Frances Bennett Starrett '25, Belfast, Maine; Oct. 17. She had been involved in radio broadcasting and journalism and was a former book store manager. She served as a trustee of the Belfast Free Library for many years. Survivors include her son, **Stephen R. Burtt** '51, of Wilmington, N.C.

Garrett Davis Byrnes '26, Providence, retired editor, writer, and arts critic of the *Providence Journal* and *Evening Bulletin* and former chairman of the Board of Editors of the *Brown Alumni Monthly*; Dec. 9, after a long illness. Mr. Byrnes joined the newspapers after his graduation from Brown and for many years was the theatre and movie critic. During the 1930s, he wrote several series for the newspapers, including "I Ran Rum," "Looking at Hollywood," "The History of the Providence Opera House," "Bars and Bartenders of Providence," and "Narragansett Bay Steamboats and Boatmen." He is perhaps best known for his part in creating the *Rhode Islander*, the Sunday magazine of the *Journal*, in 1946. He served as the magazine's editor for many years and then became a columnist for it. After his retirement in 1974, he and Charles H. Spilman, a retired managing editor of the *Journal*, collaborated on a history of the two newspapers, which was published in 1981. A former member of Mr. Byrnes's staff once wrote that "Garry Byrnes can smoke timely, sprightly stories out of the woodwork anywhere in these plantations, and when required to can turn on the charm to beguile professors, museum curators, college presidents, farmers, widows, thugs, or clergymen to write stories for him."

JOHN FORASTE

Garry Byrnes with his ever-present pipe.

Mr. Byrnes became a member of the Board of Editors of this magazine in 1947 and its chairman in 1967. He retired from the board in 1977. During that time, the *BAM* four times won the Robert Sibley Award, presented each year by the Council for Advancement and Support of Education to the alumni magazine judged to be the best in the nation. In 1976, on the occasion of Mr. Byrnes's 50th reunion, he was presented a Brown Bear Award, being cited for his role in "nurturing and maintaining the sturdy independence of the *BAM* over the last quarter century." That year he also served as the chief marshal of the Commencement procession, leading more than 2,000 alumni and seniors down College Hill. He was one of twenty-two alumni to receive Bicentennial Medallions in 1964 in recognition of service to the University. He served as a member of the board of directors of the Associated Alumni.

Mr. Byrnes was co-author of *Scoop*, a newspaper novel published in 1929. He wrote two handbooks for editors, one on food in newspapers and one on fashions in newspapers. He was president of the American Association of Sunday and Feature Editors in 1947-48. He was a former president of the Providence Art Club and a trustee of the Providence Preservation Society. In 1961, he received the Silver Beaver Award from the Narragansett Council, Boy

Scouts of America. Kappa Sigma. His survivors include a daughter, Davis Byrnes Bliss, 53 Elton St., Providence 02906.

Bruce Erwin Tietjens '26, Bellefontaine, Ohio; July 15. He was owner and operator of the Heller-Aller Co., a supplier of water systems and farm equipment in Napoleon, Ohio, until his retirement in 1969. Sigma Nu. He is survived by his son, Hank, 5703 TWP Rd. 55, Bellefontaine 43311.

Dr. **Harry John Degenhardt** '27, Stony Brook, N.Y., a retired physician; Oct. 29. He had a surgery practice in the Astoria section of Queens from 1932 until 1960, when he moved to Stony Brook. He was affiliated with Kings County Hospital and Flower Fifth Avenue Hospital. He graduated from Cornell University Medical School in 1932. During World War II he served as a lieutenant commander in the Navy and was stationed in the Mediterranean. Survivors include his wife, Eleanore, 9 Hilltop Rd., Stony Brook 11790, and four daughters.

Henrietta Johnson Field '27, Columbus, Ohio, a social worker; Oct. 11, 1983. She graduated from the Baptist Missionary Training School in 1928 and served as a missionary with the American Baptist Home Missions Board and numerous other social service agencies. She is survived by her son, David, Suite 730, 21 East State St., Columbus 43209.

Aileen Terry Flemming '27, Lake Placid, Fla., a real estate and insurance broker before retiring in 1967; June 8. Survivors include her son, William, 902 Redman Ave., Haddonfield, N.J. 08033.

Robert Alexander Stoehr, Jr. '27, Cincinnati, a retired flooring executive; Sept. 30. Following graduation from Brown, he entered the family business, Cincinnati Floor Company, where he served, successively, as warehouse manager, sales manager, secretary and treasurer, president, and chairman of the board. He retired in 1975 after fifty years with the company. In 1933, he was elected the first president of the National Wood Flooring Contractors Association. Later, he was president of the Wood and Synthetic Flooring Institute of America. He was a former officer of the Brown Club of Cincinnati. Survivors include his wife, Chastine, 20 Weebetook Ln., Cincinnati 45208, and a son, **Robert A. Stoehr III** '55.

Wilbur John Rook '28, Santa Cruz, Calif.; Oct. 10. After beginning work in the insurance field, he became a teacher, first at Middleboro (Mass.) Junior High School and then at the Center School in Mattapoisett, Mass., where he became principal. He served in the Wellesley (Mass.) Public School System for twenty-five years as principal of the Warren School, supervisor of elementary education, and assistant superintendent of schools. He retired in 1968. He is survived by his wife, Katherine, 2553 Brinceforte Dr., Santa Cruz 95062, and a son.

Ray Bucklin Owen '30, Warren, R.I., retired chairman of the board of Old Colony Co-operative Bank; Nov. 7. He joined Old Colony in 1935 after serving an apprenticeship in the foreign department of the First National City Bank of New York. Mr. Owen was president of Old Colony until 1973. He was a director of several companies and was involved in a variety of Rhode Island and New England civic affairs. Survivors include his wife, Mary, 8 Hanley Farm, Warren 02885, a son, and a daughter.

Dr. **Harold Ribner** '30, Fairfield, Conn., a retired neuropsychiatrist; June 1. He received his M.D. from Tufts Medical College in 1934. During World War II he served as a major in the Medical Corps and was assigned as chief of the department of neuropsychiatry at three Army Air Corps installations. He is survived by his wife, Phyllis, 365 Toilsome Hill Rd., Fairfield 06432, and three children.

Joseph George Schreiber '30, Springfield, Mass.; July 9. He is survived by his brother, Milton, 50 Riverview Terr., Springfield 01108.

Gordon John Peterson '31, Fort Myers Beach, Fla.; Aug. 31. After twenty years in management with the W. T. Grant Company, he became principal probation officer for Ocean County, N.J., a position he held until his retirement in 1980. Surviving are his wife, Lois, 121 Mid Island Dr., Fort Myers Beach 33931, and a sister.

Dr. **Russell Higson Carpenter** '32, Barrington, R.I., a dentist in Providence for fifty-one years; Oct. 30. After graduating from Harvard University Dental School in 1934, he interned at Massachusetts General Hospital and then returned to teach at the Dental School for five years. During World War II, he was an officer in the Navy Dental Corps. A fellow of the American College of Dentists and of the Rhode Island and Providence Dental Societies, he was a past president of the Rhode Island Children's Dental Society. Phi Gamma Delta. He is survived by his wife, Dagmar, 345 South Main St., Providence 02903, two sons, and a daughter.

Gordon Fenn Pyper '32, Northfield, Mass.; Nov. 30. He taught at Mount Hermon School from 1926 to 1928 and then from 1932 until 1963, and also served as director of admissions. He graduated from Brown *magna cum laude* at the age of thirty-nine and was a member of Phi Beta Kappa. Sigma Xi. Survivors include his wife, Ida, 15 North Ln., Northfield 01360; two sons, including **Gordon R. Pyper** '48; and three daughters, including **Carolyn Jane Pyper Buker** '47.

Wendell Bruce Lund '36, Saco, Maine, retired president and general manager of Lund Manufacturing Company; Nov. 28. After working at Brown and Sharpe Manufacturing Company, Providence, as an assistant works superintendent, he founded Lincoln Engineers, Inc., and Amity, Inc., in 1946 and served as officer and director until 1972. He moved to Maine from Lincoln, R.I., and worked at the Saco Lowell Shops in the production department as superintendent. In 1953 he founded Lund Manufacturing, which became a part of Litton Industries in 1969. He remained president and general manager until his retirement in 1978. Phi Beta Kappa. Surviving are his wife, Eleanor, PO Box 128, Seaside Ave., Saco 04072, and two sons.

Jesse Norton Atlass '37, White Plains, N.Y., a stockbroker with the New York City firm of Muller and Co.; Aug. 26. Survivors include his wife, Nancy, 25 Sherman Ave., White Plains 10605, a son, a daughter, and a brother, **Hadley Atlass** '40.

John Duke Powell '37, Grapeview, Wash.; Aug. 24. In 1956 he formed the insurance brokerage firm of Raleigh, Mann and Powell, Inc., in Tacoma, Wash., and served as president and chief executive officer until his retirement in 1982. He was an active participant in community affairs and served on many committees and associations. The John Duke Powell Environmental Education Center at Camp Seymour in Tacoma was dedicated to him to honor his years of support and service to the Tacoma YMCA. Survivors include his wife, Kris, P.O. Box 97, Grapeview 98546, and seven children.

Allan Lincoln Rawcliffe '37, Acushnet, Mass., retired town clerk, treasurer, and tax collector; Aug. 25. He served the town of Acushnet for forty years and was cited on three occasions for the outstanding performance of his duties. He is survived by his wife, Edna, 46 Wing Rd., Acushnet 02743.

Victor Bernstein '39, Providence; an advertising consultant; Sept. 29. For more than twenty years he was production director of Bo Bernstein and Co., Providence, a former advertising and public relations firm. From 1977 to 1982, he acted as a consultant in advertising production. He was semi-retired for the last three years and was a consultant to LeBeau and Santangini & Co. He was a member of the Brown varsity football team for three years and was elected to the University of Pennsylvania Franklin Field Hall of Fame in recognition of his 88-yard touchdown run in the 1936 Brown/Penn game. He was the first Rhode Island-born athlete to run the 100-yard dash in under ten seconds. Survivors include his wife, Ethel, 353 Morris Ave., Providence 02908, a daughter, a son, and a brother.

James Cresson Given, Jr. '39, Newport, R.I., retired president of Hamilton Employment Service, Inc., of New York; Nov. 1. He was a lieutenant in a unit of the Third Army in Europe during World War II and was decorated with five battle stars. Sigma Chi. He is survived by his wife, Dorsey, 360 Gibbs Ave., Newport 02840.

Theodore George Leonard '42, Mentor, Ohio, an investment advisor for several

New York brokerage firms; July 19. He served with the U.S. Army Air Corps during World War II. Survivors include a brother, Francis, 8237 Litchfield Dr., Mentor 44060.

Clement McCarthy '44, Chelmsford, Mass., an attorney; May 4. He received his law degree from Harvard in 1950. He served as an associate justice of the Pelham (N.H.) municipal court. A veteran of World War II, he served in France. Delta Kappa Epsilon. He is survived by his wife, **Elizabeth Baxter McCarthy** '47 A.M., 48 Bartlett St., Chelmsford 01824; and a son, **C. Andrew McCarthy** '81.

Kenneth Pond Blake, Jr. '48, Weld, Maine, retired librarian and associate professor at Colby College; Sept. 10. He received an A.M. from Boston University in 1949 and a Sc.M. in 1956 from Simmons College. He was a librarian at Yale before going to Colby in 1959. He retired as head librarian in 1973. For twelve years Mr. Blake served as a selectman of Weld and was also a code enforcement officer. He was director of the Weld Public Library, founder and president of the Weld Historical Society, and a member of the Weld Planning and Zoning Board. Lambda Chi Alpha. He was the son of **Kenneth Pond Blake** '23 and is survived by his sister, Mrs. Carroll Neyland, of Webster, N.Y.

Vincent Lawrence Carangelo '48, Orange, Conn., retired president of Stanley Rockwell Company, Hartford; May 16. Before assuming the presidency of Stanley Rockwell, he was an executive with the G & O Manufacturing Company of New Haven. He served in Europe during World War II. Survivors include four children and a brother, **Robert W. Carangelo** '50, P.O. Box 2073, 209 Orange St., New Haven, Conn. 06521.

John F. "Jay" Barry, Jr. '50, Warren, R.I., former associate editor of the *Brown Alumni Monthly* and author of the just-published pictorial history of the University, *A Tale of Two Centuries*; Dec. 13, after a long illness with cancer. After graduation from Brown, he worked for Amica Insurance Company for four years before joining this magazine as assistant editor. That began a twenty-eight-year association during which he wrote thousands of class notes and obituaries and hundreds of stories about Brown athletics. He also wrote dozens of feature articles and alumni profiles. He was promoted to associate editor in 1968. In December 1980, he took a leave of absence from the magazine to write the first of his books about Brown, *Gentlemen Under the Elms*. The "gentlemen" were eleven of Brown's best-known faculty members. In January 1983, he retired from the magazine to become director of special editorial projects at Brown. He had already begun work on *A Tale of Two Centuries*, a monumental undertaking requiring hundreds of hours of research by him and his co-author, University Archivist Martha Mitchell. The book was published in November and is Mr. Barry's

JOHN FORASTE

Jay Barry at his typewriter in 1976.

finest editorial achievement.

Jay Barry was, at the time of his death, at work on a third book, a history of Brown athletics. For it was as a devotee of athletics, particularly Brown athletics, that he was best known. He began attending Bruin football games in the 1930s and, until this past fall, had not missed a Brown home game in years. He was Brown's unofficial sports historian and the man sports writers all over the nation called if they needed answers about Brown sports. He was a founder of Brown's Athletic Hall of Fame and was inducted into it in 1976. He was the director and author of the film, *The Last White Line*, a film history of Brown football. He was editor of the Brown Football Association newsletter in the 1960s and 1970s.

In 1954, Mr. Barry edited "Wriston and Brown," an LP album produced by RCA that contained highlights of Henry Wriston's speeches while president of Brown. In 1965, he initiated the Commencement Pops Concert and alumni held day, both of which have become part of the Commencement tradition at the University. He served for many years as secretary of the Brown Club of Rhode Island and as secretary of the Faculty Club.

He was active in Warren civic affairs. In 1954 he started a citizens committee to upgrade the Warren schools, and was elected to the Warren School Committee in 1956. He served for two years, during which time the town built a new high school and a new middle school. He was president of the George Hail Free Library in Warren and led a drive that raised a quarter-million dollars to restore the building. Survivors include his wife, Ella, 577 Main St., Warren 02885; a daughter, **Kathryn** '78; and two sons.

John William Thompson '51, East Haven, Conn.; Nov. 5. He was vice president of sales and marketing for Modern Pool Products, Inc., of Stamford, Conn., and a former faculty member of the English department at Housatonic Community College. Phi Delta Theta. Survivors include his wife, Marjorie, 1 Gay St., East Haven 06513, two sons, and a daughter.

Mark Taylor Neville '52, Monroe, N.Y., a sales representative for American Can Company; Oct. 20. He is survived by his wife, Barbara, Box 80, RD 5, Monroe 10950.

LOUIS REDDING

continued from page 43

to get rid of. The Constitution and the statutes were the battle of the moment."

But Redding had set the stage for the next generation. Because of his age, he was not elevated to a judgeship or position of political power, but younger black lawyers who were involved in the civil rights movement did rise.

Redding, meanwhile, continued to work in Delaware, maintaining his private practice and serving as a part-time public defender.

He has grown into old age gracefully, with a handsome face graced by a thin moustache. He gave up smoking, but for years chewed on the wrong end of a filtered English Oval cigarette. Passersby would warn him not to light the filter.

To the next generation, Redding is a hero. Young lawyers continue to seek his wisdom. Wilmington attorney Kester H. Crosse, who was the second black lawyer Redding sponsored, has taken on some of Redding's unfinished cases since he retired and receives phone calls forwarded from Redding's old office from people still looking for him to represent them.

At his home in Glen Mills, Redding misses the daily excitement of work. His wife, Gwen, who has retired from the U.S. Department of Energy, is helping him sift through the boxes. He is absorbed by the records of his cases and thinks he might write about them someday.

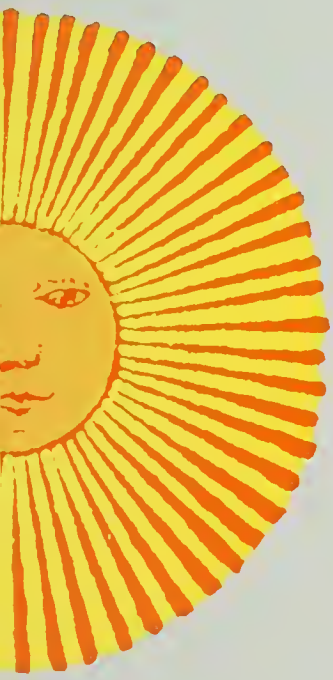
"What we were doing was not addressed to the purpose of changing our lives at all," Redding explains. "What we were trying to do was change the status, the experience, the lives of a minority of American citizens who happened to be black. We were not trying to change our lives; we were trying to change our opportunities as American citizens." B

Laurie Hays is the law reporter for the Wilmington News-Journal, *from which this article is reprinted with permission.*

Alumni Gatherings from Coast to Coast

FROM THE ALUMNI STAFF AND ASSOCIATED ALUMNI OF BROWN

Get a fresh taste of Brown's educational excellence and renew your connections to students or other alumni by participating in some of the events described in these pages. For information on these listings, and to make inquiries about other programs, phone the alumni mentioned in the listings or contact the Alumni Relations Office (401 863-3307), Brown University Box 1859, Providence, RI 02912.



Coast to Coast

ALUMNI LECTURE TOURS

Outstanding Brown faculty members speak to alumni, parents, and friends in each city. Contact local club presidents for details, or the Field Activities Office, Brown University Box 1859, Providence, RI 02912 (401 863-3309).

FEBRUARY

Lucile Newman, Associate Professor of Biology and Medicine

16-18
St. Louis and **Kansas City, MO; Denver, CO**

MARCH

Stephanie La Farge, Faculty Associate in Psychology

18
Portland, Oregon

Susanne Woods, Professor of English

20,23
Los Angeles, San Diego, CA

APRIL

William Beeman, Professor of Anthropology

4-9
Louisville, KY; Nashville and **Memphis, TN; Houston, TX**

Other Off-Campus Events

FEBRUARY

15
Third World Alumni Network of New York City will host Dean Barrett Hazeltine. For time and date contact Arnold Lewis, Asst. Dir. Alumni Relations, 401 863-3307.

21
Brown University Club of Philadelphia presents an evening with Dean of the College Harriet W. Sheridan at 7:30 pm at the home of Bill and Sue Black, 319 Louella Avenue, Wayne, PA. RSVP to Mrs. Richard Nourie at 215 688-0194.

26
Brown Club of Sarasota and Manatee Counties, Florida welcomes Robert A. Reichley, Vice President for University Relations for an informal talk. Contact Bill Kaiser at 813 923-1881.

28
Brown Club of Southwest Florida presents Robert A. Reichley for informal remarks. For complete details, call Henry Hart at 813 261-1790.

Brown University Club of Baltimore hosts President Howard Swearer. Call club president Ocie J. Irons at 301 256-5088 for exact time and location.

MARCH

1
Third World Alumni Network of Philadelphia welcomes Dean Barrett Hazeltine. For time and date contact Arnold Lewis, Asst. Dir. Alumni Relations, 401 863-3307.

Brown Club of Washington, DC presents special free admission for alumni who reserve seats through the Brown Club to the National Gallery of Art's "Treasure Houses of Britain" lecture, slide show, and exhibit tour. To reserve seats, call club vice-president/program chairman Rick Hershner at 202 931-7600, ext. 6305.

5
Brown University Club of Atlanta welcomes Professor Theodore Sizer, Chairman of Brown's Education Department on issues in American high school education. Call program chairman Elaine Luxemberger at 404 874-0634.

16
Brown University Club of Boston co-sponsors a special reception and benefit concert at Sanders Theatre in Cambridge with the Brown University Orchestra. Concert will feature guest artist from the Empire Brass Quintet and be conducted by Eiji Oue. Music starts at 8 p.m. Contact Dick Mertens at 617 722-4300.

APRIL

15
Brown Club of Cape Cod sponsors its annual scholarship auction. Date is still tentative; call Helen McCarthy at 617 945-2080.

20
Brown Club of Fairfield County presents Bob McCullough '43, past Commodore of the New York Yacht Club, on the '87 America's Cup races. Call Chris Gallo at 203 926-1583.

MAY

3
Brown Club of Fairfield County holds its second annual "BAMARODEDA" – a "Derby Day" annual meeting featuring student performing group The Brown Derbies at the home of Kip Cohen. Mint Juleps and other refreshments will be served. Call Sue Franke at 203 377-4577.

15
Brown Club of New York City holds its second annual Independent Award Dinner at the Hotel St. Regis-Sheraton Roof. Don't miss this gala black-tie event, co-sponsored by the Brown Club and the Associated Alumni, featuring two awards presentations (one is to Thomas J. Watson, Jr.) and dancing to a big-name band. Call Pat Power at 212 686-0022 (days) for full details.

May 28 - June 21
Brown University Chorus
Far East tour. The Chorus will

perform for alumni, parents, friends and general audiences in **Los Angeles, San Francisco, Tokyo,** and **Honolulu,** in addition to presenting concerts for the general public in Korea and China. Watch for details from your local Brown Club, or contact the Brown Music Department at 401 863-3234.

JUNE

Brown University Clubs of Delaware and Philadelphia invite you to their second annual combined picnic. Call Art Green at 302 575-3526.

National Alumni Schools Program

April 17-30

NASP Acceptance Parties. Congratulatory and informational gatherings for accepted students and National Alumni Schools Program volunteers. More information available from local NASP chairmen or from the NASP office (see below).

April 21-22

A Taste of Brown. Sponsored by NASP and the undergraduate Bruin Club, this fact-filled twenty-four hours gives accepted members of Brown's Class of 1990 a chance to see what life on the hill is all about. **For further information on this and other NASP activities, contact Heidi Janes, Director of NASP, at 401 863-3306.**

Continuing College

Brown's Continuing College keeps you in touch with Brown programs and faculty. For further information write or call Bill Slack, Associate Director of University Relations, at 401-863-2474 (Brown University, Box 1920, Providence, RI 02912).

MARCH

2
Westchester/Fairfield
Stanwich Club, Greenwich, 1:30 pm
Ethics, Public Policy and AIDS
Clinical Instructor Richard Keenlyside MD
Kenneth Mayer MD, Assistant Professor of Medicine

3
New York City
Time-Life Auditorium, 6 pm, including dinner
Ethics, Public Policy and AIDS
Clinical Instructor Richard Keenlyside MD
Alvin Friedman-Kein '56 MD, Chief of Dermatology, University Medical Center, New York
Kenneth Mayer MD, Assistant Professor of Medicine

8
Boca Raton
Town Hall of Boca Raton, 1:30 pm **The Politics of Terrorism**
Professor of Anthropology William Beeman

16
San Francisco
The East Asian Auditorium at the DeYoung Museum, 1:30-5 pm
Stress and Crisis
Professor of Psychiatry and Human Behavior Andrew M. Slaby MD and Clinical Instructor Stephanie La Farge featuring the videotapes by Ms. La Farge.

22
Seattle
The Seattle Museum of Art, 1:30 pm **American Artists: Heritage and Independent Reckoning.**
Professor of Art Kermit Champa
Susan Walther '77 MA, '83 PhD, Assistant Curator of American Art, The Huntington Library/Gallery with a tour of the exhibition *Treasures from the National Museum of American Art.*

APRIL

5
Dallas
Museum of Art
Royal India, 1:30 pm
Professor of Anthropology William Beeman with a film by Professor of Theatre Arts John Emigh and a tour of the exhibition *Court Life in India.*

19
Central New Jersey
AT&T Labs, Murray Hill, 1:30 pm
The Impact of Computers on Administrative Style
Professor of Organizational Behavior Barrett Hazeltine with a tour of the AT&T research facilities.

Student-Alumni Network

The Brown Student Alumni Network's programs and activities offer Brown alumni a chance to share their experiences with undergraduates and get an inside view of what Brown is like today. For information on how to join the Network, contact Maria Rothman '82, 401 863-3380.

FEBRUARY

28
Career Forum: "Postponing Grad School? – Job Options." Alumni talk about working before going on to graduate school. 3:30 pm, the Maddock Alumni Center. All career forums are co-sponsored by Career Planning Services.

MARCH

4
Summer Apprenticeship Sponsor Forms Due. Brown students test their career interests by spending their summers on the job with alumni sponsors. If you would like to sponsor an apprentice, call the Network office at 401 863-3380.

14
Career Forum: "Scientific Inquiry." 3:30 pm, the Crystal Room, Alumnae Hall.

25-29
Spring Break Apprenticeships

APRIL

4-5
Seminars on Survival: Recent alumni come back to campus to talk about lifestyle issues such as how to buy insurance, moving to a new city, and managing money.

11
Career Forum: Sports! 3:30 pm, the Maddock Alumni Center.

May 17-22
Senior Week. Events planned by the senior class officers to introduce the Class of '86 to alumni activities and to build class spirit.

JUNE, JULY, AUGUST

Summer Apprenticeships.

On-Campus Events

FEBRUARY

19
An Evening with President Howard Swearer, 7:30 pm at Leeds Theatre, is sponsored by the Brown Club of Rhode Island. After-dinner refreshments. Call Bill Corrigan at 401 724-5000.

23-26
The sixth annual **Providence Journal/Brown University Public Affairs Conference, "Keeping America at Work,"** will be held in Sayles Hall on the Brown Campus. Among speakers featured are Governor Richard Lamm of Colorado, Mayor Richard Hatcher of Gary, Indiana,

former Ford CEO Philip Caldwell, former Director of U.S. Naval Intelligence and present President of Microelectronics and Computer Technology Corporation Admiral R.B. Inman, economists Barry Bluestone and Robert Z. Lawrence, journalist Robert Kuttner, and author and economist Gail Garfield Schwartz. The conference is free and open to the public.

February 28 – March 1

"A Look into the Future: Third World Career Perspectives," co-sponsored by the Third World Alumni Affairs Committee and the Brown Student-Alumni Network. Third World alumni return to campus to share their experiences with students. For a full schedule, contact Arnold Lewis, Assistant Director of Alumni Relations, at 401 863-3307.

March 22

Association of Class Officers Annual Meeting in conjunction with **Reunion Workshop** for Reunion '87. List Art Center. Contact Alayne Todd or Nan Tracy at 401 863-3307.

MAY

2-4

Club Leaders' Workshop. Club and association leaders from all over return to the campus for a session designed to help them plan and promote local activities. A great opportunity to share ideas and learn what has been successful around the country.

May 23-25: Reunion '86.

Classes ending in a "1" or "6" celebrate 5-year reunions. All alumni are welcome. Check the festive events, only part of the total show, then make your travel plans. For more information, watch for the March mailing of the *George Street Journal*, or call the Alumni Relations Office at 401 863-3307.

23

All-College Reception. Meet your friends under the tent in Wriston Quadrangle from 5 to 7 pm.

M.D. Classes of '76 and '81 will hold their 5-year reunions. Watch for additional information.

Brown Bear Buffet. Strolling musicians, a sumptuous buffet and overflowing carafes, coupled with the Brown Bear and blossoming balloons, spell a gala affair 6-8:30 pm at Sharpe Refectory.

Campus Dance. Japanese lanterns transform the College Green and Lincoln Field into a dancer's delight, an extraordinary extravaganza with an additional hour of dancing this year! Duke Belaire Orchestra on The Green and a rock band on Lincoln Field from 9 pm to 2 am.

24

Reunion '86 Continues Commencement Forums. A stimulating assortment of lectures, panel presentations and discussions involving faculty, distinguished guests, alumni, and students – a chance to be part of the intellectual excitement of Brown again. Full details in the March *George Street Journal* mailing.

Alumni Field Day. From noon to 5 pm at Aldrich-Dexter Field.

Brown Medical Alumni Association Wine and Cheese Reception. For friends and alumni of the Medical Program. Details will follow.

Pops Concert. Co-sponsored by the Brown Club of Rhode Island and the Pembroke Club of Providence, this spotlight event presents Maureen McGovern with the Rhode Island Philharmonic Orchestra from 9 to 11 pm on the College Green.

25

Reunion '86 Continues Hour with the President. A State of the University talk by Howard R. Swearer at 10 am on Lincoln Field.

Associated Alumni of Brown University. Annual Meeting and Board of Directors meeting. Contact Sallie Riggs, Associate Vice President, University Relations, 401 863-2785.

Brown Medical Alumni Association Board of Directors Meeting begins at 10:00 am. For details, contact Judi D-Chambers at 401 863-3232.

Eighth Annual Commencement Cup Regatta. Co-sponsored by the Brown Club of Rhode Island and the Brown Sailing Association. Newport, Rhode Island.

Brown Medical Alumni Association Twelfth Annual Banquet. To honor the graduating M.D. Class of '86, and the reunion M.D. classes of '76 and '81. Cocktails on the Andrews Terrace at 6:30, dinner at 7:30 pm in the Andrews Dining Hall, Pembroke Campus.

26

Commencement. Join the alumni procession in honoring the graduating Class of '86. Contact the Alumni Relations Office at 401 863-3307.

June 22-28

Summer Alumni College. Week-long "eduvacation." Two courses: "The Emotions" with Professors Blistein, Donovan, Lipsitt, Milhaven, and others, and your choice of workshops in film, fitness, public speaking, and strategic planning.

To reserve space or request more information: write Summer Alumni College, Box 1920, Brown University, Providence RI 02912.

Brown Travelers

For more complete details, call 401 863-1946 or write to Brown Travelers, Box 1859, Brown University, Providence, RI 02912.

March 8-20

Bali to Bangkok. Studies of Southeast Asian cultures with Lea Williams, Professor of History. Approximately $3,960-4,560 per person double occupancy, depending upon cabin choice and departure city.

May 27-June 14

Culture and Festivals of Japan. With William Beeman, Professor of Anthropology. Approximately $4,420-4,798 per person double occupancy, depending upon departure city.

June 29-July 13

Cotes du Rhode Passage. Paris, Lyons, a cruise on the Rhone, and Cannes with Henry Majewski, Professor of French. Approximately $2,995 per person double occupancy.

July 18-29

The Making of Europe: A View from the Moselle. Paris, a cruise on the Moselle, and Heidelberg with Donald Rohr, Professor of History. Approximately $2,500 per person double occupancy.

August 11-24

The Golden Ring of Russia. Moscow, a cruise on the Moscow Canal and the Volga River, Leningrad and Copenhagen with Sam Driver, Professor of Slavic Languages. Approximately $2,995 per person double occupancy.

October 12-20

The Rhineland. A cruise on the Rhine from Strasbourg to Amsterdam and two nights in Amsterdam with Duncan Smith, Associate Professor of German. Approximately $1,395 or $1,595 per person double occupancy depending upon cabin choice.

December 22-30

Christmas in Austria. Salzburg and Vienna with William Ermey, Associate Professor of Music and director of the Brown University Chorus. Approximately $2,000 per person double occupancy.

GRAND.

Grand Wagoneer

NO ARGUMENTS about Grand Wagoneer's status in the automotive universe. It is a one-of-a-kind. A strange and magical combination of luxury and guts. For all its prestige and creature comforts, it is still all rip-snorting, stump-pulling, head-for-the-hills Jeep®. And Grand Wagoneer will always be that way.

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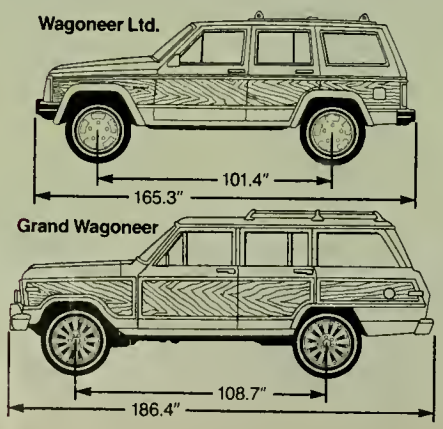

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FOUR DOORS AND FIVE PEOPLE. A smaller size doesn't necessarily mean not enough room. Wagoneer Limited's four doors can give five adults access to an interior with more room and luxury than they will find in any other domestic 4-wheel drive vehicle in its class.

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