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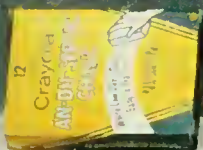
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CARRYING THE MAIL

Mr. Johnson's letter (continued)

Editor: I was very, very glad to see Mr. Johnson's most enlightened letter (*BAM*, May). It made many things clear to me—in all my travels I had never before found the connection, so obvious and so strong, between protesting the CIA, agitating against South African investments, liberalism, and prostitution. Therefore, as he asks, I would like to share with Mr. Johnson and the Brown community some steps the University *should* take to repair its present image, before, indeed, this image becomes that of a gay whore:

☐ Remove *all* women, students and faculty, from campus. If one or two have disgraced the University, then none deserve to be there. Besides, they make such poor Rambos.

☐ Remove all black, Asian, foreign, Jewish, Catholic, or otherwise "different" students and faculty from campus. Their presence only foments such disgraces as the divestment movement which, as we now know, is the moral equivalent of prostitution.

☐ Replace the SAT exams with loyalty tests, administered by Accuracy in Academia, as a criterion for admission. Despite Phi Beta Kappa's opposition (*BAM*, March), this august organization should be at least as capable as ETS in coming up with an interesting "fill in the dots" test.

☐ Allow Jerry Falwell's "church" to take over the chaplain's office. Replacing disgustingly liberal counselors with a bit of hellfire and brimstone should straighten any prospective prostitutes right out, as well as acquainting them with more profitable (if no more moral) ways to raise funds—indeed, this could help Brown with its endowment problems!

☐ Make NROTC a mandatory course in a *new* "old" curriculum, which would replace liberal garbage such as the humanities and the social sciences with courses in nuclear warhead design, space shuttle management, and defense

contracting. If students see how these parts of our national "defense" *really* work, they'll be too busy grabbing the big bucks to worry about suicide pills.

☐ Return to a strict letter grade system, and enforce a rule whereby any student, failing at Brown with a grade-point average of 4.0 or less, would be inducted into the Navy as an ordinary seaman. With the threat of seasickness and Qaddafi as discipline, what could then stop our University?

A sweeping reform program such as this needs one more thing, a name by which it may catch the imagination, and under which any deficiencies of substance may be covered up. Modestly, I propose: The Program to Stop the Influence of Lasciviously Liberal Years at Brown. Its obvious acronym sums up the entire proposal.

Think, if you will, of some of the implications of such a SILLY program! New guest lecturers to enlighten the recruits (ah, *students!*). By bending the female exclusion rule a little, Mrs. Ziffenblat de Rosales (*Carrying the Mail*, *BAM*, May) could bring her friend Augusto Pinochet to explain how his adroit use of torture, rape, and mass murder (of only the "violent left," of course!) kept all of South America from going Russian in 1973. Pieter Botha could tell us of his creative and colorful use of democracy in contemporary South Africa. Ferdinand Marcos, Dictator Emeritus, could lecture on the financial manipulation of small nations, for fun and profit. These, and others like them, could certainly be a good antidote to years of boring lectures on Cuba, Vietnam, Russia, etc., ad nauseam, and just as SILLY as anything the nasty liberals have to offer.

I predict that the SILLY program, once implemented, will restore Brown to wide respect among the alumni, especially those of like mind to Mr. Johnson. I see a new birth for our SILLY University, one which will assure the provision of many SILLY young men to lead a SILLY(fied) nation into what would certainly promise to be a SILLY (albeit *short*) new century. Finally, and

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of immediate benefit, implementation of the SILLY program will surely spare the *BAM*'s readers any more SILLY letters such as Mr. Johnson's, or this one.

DAVID W. BABSON '78
Stamford, Conn.

Cato, not Cicero

Editor: Stephen G. Stone, Jr. '41 doesn't actually say so, but his letter in the June/July *BAM* strongly suggests that he was in the ROTC, and thinks it was a good thing, too.

Maybe if he had spent less time with the military, and more time in the library, he would not attribute "Carthage must be destroyed" to Cicero, who lived *after* that destruction. It was Cato the Elder who (according to Plutarch) closed every speech he made in the Roman Senate on whatever subject by calling for the destruction of Carthage.

HARRY I. ODELL '49
Glen Echo, Md.

Reagan the Elder

Editor: Stephen G. Stone, Jr., attributes the exhortation "Carthage must be destroyed" to Cicero.

Although my degree from Brown is in physics, I do remember enough of what I was taught in Ancient History to recall that it was Cato the Elder who usually ended his speeches to the citizens of Rome with that slogan. He was urging them to embark on the third Punic War.

There is an eerie similarity between the political situation in Rome in Cato's time (234-149 B.C.) and the political situation in the U.S. today. Ronald Reagan the Elder employs a similar exhortation in all of his public speeches. His version is "Russia and/or Communism, preferably both, must be destroyed."

Have we learned anything in the last 2,000 years?

PHILIP RICE '40
Atherton, Calif.

Wrong about Cato and ROTC

Editor: An alumnus (who shall be nameless) advocating the return of ROTC to Brown quoted "Carthage must be destroyed" as spoken by Cicero.

Unless I am mistaken, it was Cato the Elder who said, "Carthago delenda

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est," and it occurs to me that, if the writer could be wrong about Cicero, he could be just as wrong about the ROTC being returned to Brown!

WIN RICHARDSON '29
Peace Dale, R.I.

'Dangerous platitude'

Editor: Of all the platitudes in Rabbi Laura Geller's Baccalaureate address ("Living Well Is Not the Best Revenge," June/July), the most dangerous is her remark that "as a rabbi, I officiate at lots of funerals. Most, thank God, are 'timely' deaths."

What on earth is a "timely" death? For whom is it timely? When I'm old and sick, I hope at least to be spared the ministrations of healthy young people with the temerity to suppose my death would be "timely."

FELICIA ACKERMAN
Associate Professor of Philosophy
Campus

More naiveté

Editor: In the June/July issue, Prof. William O. Beeman says that "our political leaders remain shockingly naive about the dynamics of violence in the region (Middle East)."

Does he not contribute to that naiveté when he states: "The incidence of Palestinian terrorism diminishes every time there is movement toward a peaceful settlement, because the violent elements in the Palestinian Community are undercut?"

Has his research missed the scores of assassinations and murders of fellow Arabs at precisely the moment of the slightest movement toward peace with Israel? The latest victim was the mayor of Nablus, Zafar-al-Masri, earlier this year, which effectively stopped the most recent movement toward peace.

Also adding to the confusion is the accompanying map showing Tel Aviv as the capital of Israel. How could a prestigious Ivy League publication not know that the capital of Israel is and always has been Jerusalem?

CHARLES SWARTZ '33
East Providence, R.I.

'Apologia for terrorism'

Editor: William Beeman's apologia for terrorism shows at one and the same time the best and the worst of ivy tower thinking about complicated real-world issues. Professor Beeman mixes facts unknown to most readers and genuine insights with wishful thinking

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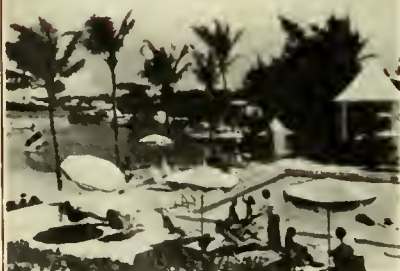
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and denial of realities that contradict his predictions.

He belittles the "simple solution" of America using force against Khadafy, pooh-poohing the "justification" that striking back "will show terrorists that they can't get away with their activities, or that it will contain outlaw governments, like Libya, and send messages to ... Syria." Presumably, under Mr. Beeman's much, much more complex theory, none of these things could happen. Trouble is, these things *did* happen following the U.S. strike: Terrorism has markedly declined, Libya has been contained, and Syria has become more cautious. Further, it appears that Khadafy may be losing his grip on power. As the Washington intelligence and political communities agree, the "simple solution" worked.

Similarly, Mr. Beeman says that "the incidence of Palestinian terrorism diminishes every time there is movement toward a peaceful settlement, because the violent elements in the Palestinian community are undercut." Granted, if Mr. Beeman's theory holds, Palestinian terrorism should decline during periods of movement in the peace process. Again, however, the facts show otherwise: Whenever the peace process warms up, terror increases, as some factions try to prevent any agreement and as other groups strive for influence. This was shown most recently when the incidence of Palestinian terrorist acts more than doubled during King Hussein's months-long peace initiative.

Mr. Beeman confuses terror with guerrilla warfare. Guerrillas, like the anti-Nazi partisans in World War II, strike military targets; terrorists deliberately strike civilians. Yet Mr. Beeman equates the bombing by partisans of both "military facilities" in Iraq and of "civilian targets" in Iran as similarly akin to terrorism.

It is perhaps this refusal to distinguish between terrorism and guerrilla warfare that leads to his next ivy tower problem. He says, "Get people to sit down and talk to each other," which is surely a respectable goal, but he then says in the Q&A that "the Palestinians have stated they will talk to Israel without preconditions" and Israel should state "the conditions under which it will talk to the PLO." Yes, dialogue is needed; and Israel has stated repeatedly its willingness to talk to any Arab government and to Palestinians who reject terror. But the PLO is a terrorist organization, one which deliberately targets civilians, including babies and

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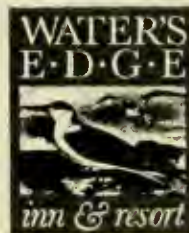


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In the abstract, every group should talk. But in the real world, outside the ivy tower, Western society must draw the line somewhere, to say that certain actions are simply unacceptable and any group that engages in them is unfit for negotiations. Targeting civilians qualifies.

BROOKS FUDENBERG '82
Washington, D.C.
The writer is media liaison for the American Israel Public Affairs Committee.—Editor

Oedipus-like?

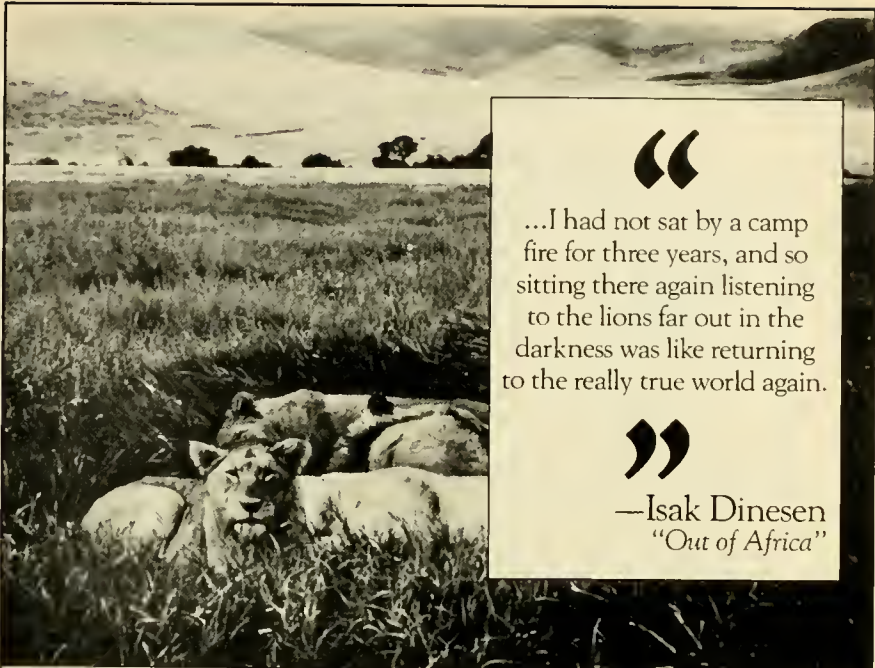
Editor: Brown should give the former Mrs. Richard K. Horton '71 an honorary degree for having put up with such a self-centered, self-absorbed, self-indulgent, self-righteous solipsist for eleven years (*Carrying the Mail*, (*BAM*, May). He may take pride in having suffered through all that pain, but the constant repetition of the first-person singular pronoun indicates a lack of true self-awareness, namely that he is not the center of the universe. While he may accept the fact that, in his words, "... it is my own inability to conform to standards established long before my arrival," which accounts for his lack of professional success, he nowhere indicates a humble acceptance of the fact that there may be some validity to standards established before his arrival, which, after all, was not the Second Coming.

A truly successful person has the humility to see and accept that others can be right even when they see things differently from oneself. In a play that many still read at Brown, Oedipus thought that he alone was right and knew it all. In the end he not only learned the bitter truth of Teiresias's words that his woes were self-inflicted, but also admitted that he was wrong: "You must see that—I was so wrong, so wrong" (I. 1556, tr. R. Fagles). If, like Oedipus, Mr. Horton can humbly say that, then he is deserving and, like Oedipus later at Colonus, may still find success in recompense for his former suffering.

ALLEN M. WARD '64
Storrs, Conn.

Stop liquor ads

Editor: Many of us have been sorry to see advertising messages in the pages of the *Alumni Monthly* since we feel that it is not appropriate for Brown to exploit its alumni by using them as a captive audience for commercial purposes.



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If moneys are needed to maintain or improve the *Alumni Monthly*, then we feel that they should properly come from an expanded public relations budget.

The appearance of a color whisky advertisement on the back cover of the *Alumni Monthly* is not a small event, and one which does not go unnoticed.

If you believe that a majority of alumni agree that this is a legitimate use of a most prominent page of the alumni monthly publication of Brown University, then I feel you are very much mistaken.

With alcohol abuse increasingly recognized as a leading problem in our national life, both on campus and off, I'm certain that many Brown alumni would feel that the University should have no part in any effort to portray scotch whisky "in" or socially distinctive.

I urge you to go into a quiet place and consider this matter very deeply. Isn't it true that if we are not part of the solution, then we are part of the problem? Then speak earnestly with your board and your advertising department.

For I can assure you that this matter will not end here.

ALAN F. ATWOOD '56
Nantucket, Mass.

Wayland, not Andrews

Editor: I read with interest R. Bruce Allison's story on the trees which adorn the Brown campus in the June/July issue of the *BAM*. But surely the president of Brown in 1840 was not Benjamin Andrews as indicated in the article, but rather the Rev. Francis Wayland. The Rev. Elisha Benjamin Andrews (Brown, 1870) did not assume the presidency of the University until 1889.

STEPHEN J. MORIN '65
Belmont, Mass.

'Ever True' no more?

Editor: The 218th Commencement (and my 10th reunion) was delightful as Commencement always is, and maintained Brown's tradition, never rained out but always rained on. Still, I think it is time to tamper with another tradition, the Senior Sing.

This year as always the Senior Sing consisted of nothing but "Ever True to Brown" and then something else that no one seemed to know the words to.

I always smile at the sound of "Ever True," but as Brown's sole anthem it has flaws. It gives the impres-

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sion that there is no more to Brown than drinking, a drawback in this age of neo-temperance. Also, it has inappropriate sexist overtones. Brown really *does* have something to sing about; can't we do better?

I suggest that the *Alumni Monthly* sponsor a contest for a new theme song, and print the score and lyrics of the top contenders, for general evaluation. The only requirements are that the song be capable of performance by a mixed chorus of approximately 1,000 at the Campus Dance at midnight, and be generally relevant to Brown.

MATTHEW L. WALD '76
Wellesley, Mass.

Any takers?—Editor

Success for feminism

Editor: To Katherine Hinds's fine report on Brown's important role in opening the rabbinate to women may I add the fact that, from 1971, when Laura Geller became the second woman to enter Hebrew Union College-Jewish Institute of Religion for rabbinical studies, Brown sent at least one, and commonly two or more, women to rabbinical schools—until we stopped counting. We have the impression that no university has surpassed Brown's pioneering record.

Just now we have given our first Ph.D. to a woman in the field of the study of Judaism in late antiquity, in which we specialize, after twenty-two doctorates to men. Mrs. Judith Romney Wegner now holds an assistant professorship at Williams College. In other areas of Judaic studies, women have found easier entry than into this one, but we hope to achieve full equality in the academic world in Judaic studies, as has been achieved in the rabbinate.

The successes of the 1970s were the work of others, besides myself, then in the Department of Religious Studies, including David Blumenthal, now Cohen Professor at Emory, and Ernest S. Frerichs, director of Judaic Studies. The women of that period experimented, with Professor Blumenthal's assistance, in a feminist Judaic liturgy and showed the way toward equality in that central aspect of Judaic life. Mr. Frerichs's encouragement proved critical for many women then, as now. All of us share in the glory of this success for feminism.

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BOOKS

By James Reinbold

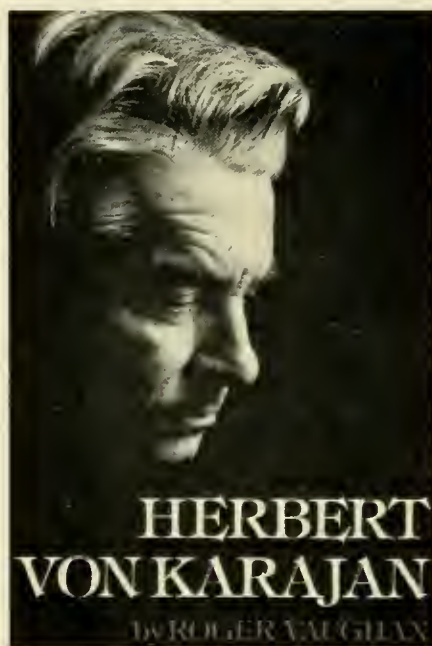
An objective study of a controversial conductor

HERBERT VON KARAJAN: A Biographical Portrait by Roger Vaughan '59. W.W. Norton & Company, 1986. 274 pages. \$16.95.

No one will ever know if Herbert von Karajan's first fully-formed desire as a child was to conduct the Berlin Philharmonic Orchestra. Certainly, everything in his life, until he picked up the baton left by Wilhelm Furtwangler (who died in 1954), was geared toward that goal. Eventuality is perhaps a better word, because it isn't long until a reader of this biography realizes that whatever Herr von Karajan wants, he gets.

Maestro von Karajan has been called a dinosaur, one of the last in the old line of autocratic conductors. But he is, more accurately, a synthesis of the old and the new. He demands blind obedience from his orchestras and his staff, he is an autocrat; but he has also exploited the recording industry and publicity techniques to create a recorded music legacy and a mystique unrivaled in music today. As Roger Vaughan writes early in the book, "Elderhood, for conductors, is a time when talent, the accomplishment—the power—become hopelessly entangled with the myth. The result is a mystique unlike that attached to any other profession." And as von Karajan approaches his eightieth birthday (he was born April 5, 1908), friends and detractors alike can agree on one thing: that he is a calculating, and dedicated, self-myth maker.

But all that aside, von Karajan will be remembered for two very important contributions to music. First, his incredible discography, some 800 recordings spanning the period of 1950 (when he recorded Mozart's Piano Concerto No. 21 in C Major, K. 467) to the 1980s (when his latest are on laser discs). Second, his formation of the Berlin Philharmonic into the most respected orchestra in the world today. As violinist Yehudi Menuhin said in his book, *Unfinished Journey*, and quoted by Vaughan, "Some conductors are syn-



onymous with their orchestras, at once their creators and creation ... as Herbert von Karajan with his in Berlin."

Karajan's power over the many photographers, movie makers (he has his own movie company, which makes movies, quite naturally, about him), and aides who constantly surround and attend to him can be best summed up by his statement about Peter Busse, his personal assistant stage director. Says Karajan, "I say what I want, and Busse does it. He has no authority." Indeed, no one in Karajan's camp has any authority except the maestro himself. It would be easy to dislike such an authoritarian; but somehow, the man whom Vaughan shows us is much more complex. Vaughan has managed a somewhat surprising objectivity in the face of Karajan's sprawling ego. Even when dealing with his Nazi Party affiliation, Vaughan presents the facts and allows the reader to choose documentation, or Karajan's own history. Whether he joined the party in 1933, as documents indicate, or 1935, as Karajan says, has less to do with the fact that he joined, and did so to ad-

vance his career, believing then, as he does now, that because of his "musical mission" he is above reproach. Karajan was "de-Nazified" in 1946, yet his first appearance in New York with the Berlin Philharmonic in 1955 was met with considerable outrage and protest. A comparison with his triumphant 1982 visit to Carnegie Hall provides an interesting counterpoint. And while there are some who criticize his cold, passionless, technical approach to music, others, such as soprano Leontyne Price and Seiji Ozawa, music director of the Boston Symphony, speak of him warmly and with respect and fondness.

In the 1950s, he was known as the "general music director of Europe," controlling the Berlin Philharmonic, the Vienna State Opera, the Salzburg Festival, La Scala, and the Philharmonic Orchestra of London. Today, Karajan concentrates on Berlin and Salzburg, where he also has his own Easter festival. Still, despite serious back problems (he underwent a delicate back operation while Vaughan was writing the book), he has slowed down only a little. He is still enamored with flying, sailing, and driving fast cars. At Salzburg, he is very much in control, wielding authority and controlling each detail; though, during the writing of the book, he had a significant falling out with the Berlin Philharmonic over the hiring of a clarinet player.

When Vaughan allows Karajan to speak at length about his parents and his upbringing (he was a piano prodigy) and his fascination with fast cars, flying, sailing, Zen, and reincarnation, a reflective, warm, and not unlikable man emerges, unlike the cold, cerebral, literal-minded maestro who would never, for example, dream of staging Wagner's *Flying Dutchman* without meticulous attention to rigging on the doomed captain's ship. Detractors have called his music all technique, all surface, a product of the mind and the recording studio—in direct opposition to Toscanini or Koussevitzky, who evoked passion and heart. Vaughan, again objective, presents the viewpoints. He does not attempt to embellish or analyze. His portrait of Karajan seems to be about as fairly written as can be expected. That is a compliment. For surely, Karajan must be judged on his Berlin Philharmonic and his discography. Their merits are irrefutable.

UNDER THE ELMS

A reminder of the importance of basic research

Brown receives four Defense Department grants worth \$18 million

One of the largest sets of federal research grants in Brown's history was awarded over the summer by the Department of Defense, under its University Research Initiative (URI).

The Defense Department and most other federal agencies that provide funding for basic research have recognized that the nation has not made sufficient investments in its university research and teaching base. The Department is particularly concerned with the shortage of faculty who are qualified to teach state-of-the-art technologies, the increasing obsolescence of university research equipment, and the declining number of American citizens who choose to pursue science and engineering degrees. The URI program is designed to correct some of those deficiencies and to improve the nation's capability for cutting-edge technology.

The URI funded a package of research contracts totaling \$110 million. Brown received four of those contracts amounting to \$18 million over a five-year period—more than \$3.5 million in the first year alone.

The grants were made to the applied mathematics department and the Division of Engineering. "One of our premier research areas continues to show its strength and continues to be held in high national esteem," said Provost Maurice Glicksman.

Brown's four contracts (all dollar amounts are unofficial) will support

research in:

□ Analysis, prediction, and control of turbulent flows. Turbulent flow is one of the major unsolved problems in fluid dynamics and is a particular problem with propulsion systems (rockets, jet engines) and with the flow of air and water over airplanes and naval vessels. Researchers will attempt to develop suitable mathematical models to understand turbulent flow. The principal investigator, Lawrence Sirovich, professor of applied mathematics, and the assistant director for the project, Joseph Lin, professor of engineering, received \$2,200,000 for the first year, and a total of \$11,375,000 for five years.

□ Control of distributed parameter systems. Large, flexible structures—orbiting space platforms, for instance, or large antennae in space—are of fundamental importance to the U.S. aerospace program. Yet their flexibility and fragility make it difficult to stabilize their orientation and control their motion without excessive vibration. Researchers will formulate mathematical descriptions of the structures and will develop computational techniques so that large, state-of-the-art computers can solve problems quickly. The principal investigator, Thomas Banks, professor of applied mathematics, will be working with co-principal investigators Constantine Dafermos, Wendell Fleming, and David Gottlieb, all of applied

mathematics. The amount of the grant is \$700,000 for the first year, totalling \$2,999,949 over four years.

□ A center for the study of intelligent control systems. If a robot were navigating through a strange building, it would need to derive some sort of meaning from video or other sensory devices, which it would use to select its speed and direction. Researchers in this center, based at the Massachusetts Institute of Technology with centers at Brown and Harvard, will study design problems in systems that can receive and analyze sensory information and use the resulting information to control subsequent actions. Professor of Applied Mathematics Ulf Grenander is the principal investigator. The grant is for \$450,000 for the first year, totalling \$2,505,821 over five years.

□ Submicron heterostructures of diluted magnetic semiconductors. This multi-institutional research program will emphasize the study of thin semiconductors embedded with magnetic constituent elements. Brown's focus will be on the electronic and magnetic properties of such structures, called "superlattices," which may have layers only one atom thick. The amount of the grant has not yet been established, although the multi-year total is in excess of \$1 million. The principal investigator is Arto Nurmikko, professor of engineering. *K.H.*

A&E Committee affirms recommendations on South Africa

The University's governing body, the Advisory and Executive Committee of the Corporation, reaffirmed at its September meeting its abhorrence of apartheid and supported expansion of educational opportunities to non-white South Africans.

After a fact-finding visit to South Africa by political science Professor Newell Stultz, President Howard Swearer recommended that Brown:

□ Raise scholarship money on campus to support two scholarships for non-white South Africans to attend

universities in South Africa;

□ Offer duplicate books from the Brown library to the University of Western Cape;

□ Invite nominations from the Educational Opportunities Council in Johannesburg and the University of Cape Town for non-white scholars in South Africa to spend a semester at Brown at Brown's expense; and

□ Seek additional recommendations from the campus and faculty committees on South Africa on further ways in which the University can

strengthen its educational contributions to the non-white majority in South Africa.

In June, Swearer and other university presidents sent letters to members of Congress, an action the A&E committee supported. Swearer also sent a letter to members of the Rhode Island Congressional delegation in July, strongly supporting the steps the delegation was taking to enact legislation requiring sanctions against the South African government. *K.H.*

Four retirements mean challenge, change for history

The retirements of four senior history professors have left the department temporarily short-handed, while at the same time affording an opportunity to expand its focus.

Stepping down at the end of the last academic year were professors Bryce Lyon, Robert C. Padden, Norman Rich, and Donald G. Rohr, who among them had compiled eighty-five years of teaching at Brown. "It will be difficult to replace them," said Prof. Gordon S. Wood, then chairman of the history department, last spring when the four were honored with a seminar on the teaching of history in America. "They have been central figures in the workings of the department for many years."

Lyon, who was Keeney Professor of Medieval History, began teaching at Brown in 1965. Padden, who held a joint appointment in history and Portuguese and Brazilian studies, specialized in courses on Central and South American history and development; he came to Brown in 1969. Rich joined the Brown faculty in 1968, specializing in nineteenth- and twentieth-century Germany, and international relations. Rohr began teaching modern European history at Brown twenty-seven years ago, and was renowned for History 1 and 2, the popular introductory courses.

The history department suffered the additional loss of two other faculty members last year, both of whom accepted positions elsewhere. Joan Scott, who held the Nancy Duke Lewis Chair, went to the Institute for Advanced Studies at Princeton in 1985; and David Underdown, former Munro-Goodwin-Wilkinson Professor of European History, is now teaching at Yale.

The department has shuffled assignments to absorb the teaching loads of the departed faculty, although this year there are a few course omissions in modern European history. One search for a replacement has been completed successfully, and the first two of four others are due to get underway this fall.

The new senior faculty member, who began teaching in September, is David Herlihy, a distinguished medievalist from Harvard. An unusual side benefit of Herlihy's appointment was the simultaneous hiring of his wife, Patricia Herlihy, an expert in Russian history.

continued



Retiring this year: from left, Norman Rich, Bryce Lyon, Robert Padden, and Donald Rohr.

UNDER THE ELMS

"This year we will search for two new faculty in modern European history," says new department chairman Howard Chudacoff. "Next year, we'll look for two Latin American history scholars. We're trying to maintain the strengths and depths that have given the department its prominence, while at the same time we're opening up some new areas."

The history department is a perennial undergraduate favorite. Last year more students—149—majored in history than in any other single discipline. The enrollment of graduate students in the department averages between forty and fifty per year. "We're a good department, with good people," says Chudacoff in explaining history's popularity. "Also, the way we teach history fits in with the best aspects of a liberal-arts education, focusing on critical analysis, writing, and research skills."

For many years, the department almost exclusively taught the history of Europe and North America. That changed with the addition of courses in such areas as Asian and Russian history in the 1970s. Over the last five years, Chudacoff says, the department has

developed a list of priorities for expanding its expertise in other areas, including Latin America, Africa, the Middle East, and southern Asia.

"The department has made some shifts in these directions," Chudacoff says, "and we intend to make more. There is not a cornucopia of funds, however, so we will move slowly. Adding a new area entails a lot more than just hiring a faculty member; there are also library holdings and other resources to consider."

One way in which the history department already has branched out is by bringing in postdoctoral fellows, often in concert with other departments. Chudacoff mentions the impending arrival this winter of a Mellon Fellow in the history of south Asia (India and Pakistan). The department also has joined with the Division of Biology and Medicine to appoint a postdoctoral fellow in the history of medicine; and with the Afro-American Studies Program to attract a Howard Fellow in modern Afro-American history. Chudacoff predicts further joint ventures will continue to broaden the department's curriculum.

Organizing searches for new faculty to replace the retirees will occupy much of Chudacoff's administrative time during the next two years. It is a process the history department may come to know well. "By the early 1990s, a large group of faculty will have retired," Chudacoff says. "We'll have a lot of turnover. It will be a challenge to replace these people with both distinguished senior scholars from other institutions, and younger faculty who have the potential to become distinguished."

Such concerns are matters of the past to the four who have retired and moved on to other projects. Lyon will continue his research and writing, beginning with a book on the perched villages of Provence in France. Padden is completing the second and third volumes of his history of the civilization of Mexico in the sixteenth century. Rich will be traveling and working on two books, one on Baroque Germany and the other on international affairs in the nineteenth and twentieth centuries. And Rohr is spending this fall lecturing at a number of Eastern colleges and universities. A.D.

The tension between individualism and the community

Swearer addresses the Opening Convocation

It hasn't happened since 1977, but it happened again this year: President Howard Swearer gave the traditional Convocation address during the ceremony that marked the official opening of Brown's 223rd year on September 2.

Quoting sources that ranged from Socrates to the Peanuts comic strip, Swearer spoke about the implications of the tension that exists between individualism and the community. In a society where the individual is exalted above all else, how are the community's needs met and goals achieved? The "Me" Decade and the Age of the Yuppie may be taking their toll on the health of the community. "The striving for individual excellence and entrepreneurship has led to the growth of American productivity and inventiveness, and scientific discoveries," Swearer said. "But ... individualism can be carried to excess, and many thoughtful persons—with whom I agree—believe that [it has] been—and at the expense of community coherence and the well-being and fulfillment of the individual."

Things may be looking up, Swearer thinks. He notes some "hopeful signs of a possible national mood swing away



The Opening Convocation was again held on the Green.

from rampant individual selfishness and the Me-Decade materialism. Concern with ethics in universities, professional schools, and corporations has been on the upswing, and there has

been growing attention by prominent public figures to the need for more public service and a renewed commitment to public purpose."

Swearer didn't suggest the creation

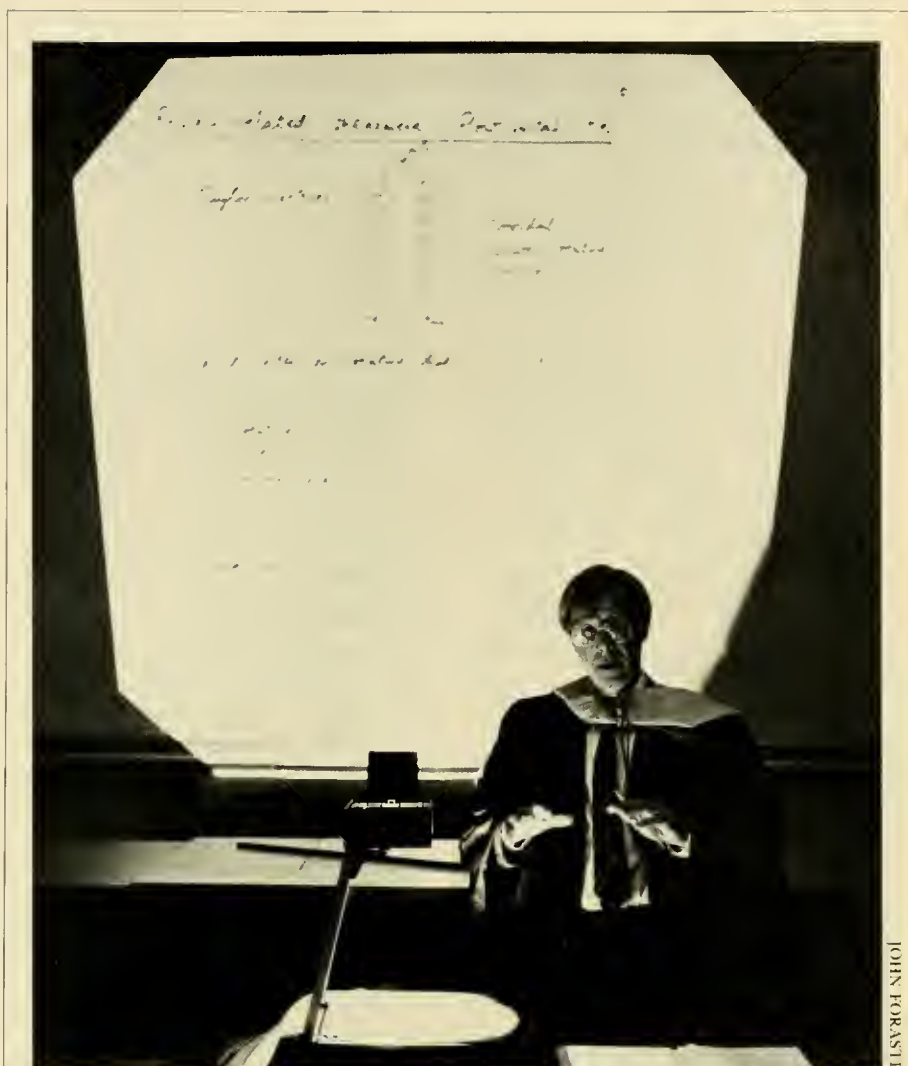
of a new government program to deal with issues facing the nation; he suggested something far more difficult—a change in public perception. Some of these issues, such as the mounting public debt and trade deficits, “will clearly depend on compromises and resolution in Washington. But, that will not happen without public understanding and pressure.” Still other issues, such as teenage pregnancies and the drug epidemic, “will require a national effort on the part of all citizens and organizations, public and private.”

Taking special note of the drug crisis in America, Swearer noted that there is no “quick fix or long-range solution without a collective effort which includes education and counseling; and communities which really care about the well-being of their members. A university community committed to helping each person reach his or her maximum potential has a special obligation in this regard. The community can be sorely affected by the inappropriate behavior of individuals and just as much by passive observation of activity by others that is both illegal and detrimental to the individual and common good.”

Acknowledging the “disservice” his and older generations had done to the younger generation, Swearer noted that it was “unprecedented in American history for the society to give less priority to the younger generations than to the older ... The mounting national debt will [have a negative impact], especially on younger generations. You will pay the mounting costs of social security. Financial aid for students has come under severe pressure while programs for the ‘gray panthers’ have fared better.”

Where does a Brown education fit into the picture? According to Swearer, an education at Brown is “the blending of individual choice and cooperative education,” which, he believes, makes the Brown educational experience unique. “Stress on individual achievement and excellence is combined with concern for, and cooperation with, others. It is a rare, vintage product.”

Swearer examined various ways Brown students are able to reach out to the community, and noted how opportunities for public service have been expanded. Then he turned his attention to another way the University should be engaged: by encouraging its students to explore career opportunities that “provide them with a sense of purpose and dedication beyond their private pursuits.” He referred to last



JOHN FORASTI

Honorary degree

Brown awarded an honorary doctor of science degree to British applied mathematician **J. Trevor Stuart** (above) on September 19. Stuart was at Brown to deliver a lecture entitled “Vortex Breakdown: The Phenomenon and Some Explanations.” He was an originator of the field of

nonlinear hydrodynamic stability, is a fellow of the Royal Society, and heads the mathematics department at the Imperial College in London. Since 1975, he has been a visiting professor of theoretical fluid mechanics in Brown’s Division of Engineering.

year’s senior class survey, where graduating seniors responded to a question about the factors influencing the choice of career or job. The highest ranking categories by far were jobs that would allow opportunities to be helpful to others or useful to society; living and working in the world of ideas; or opportunities to work with people rather than things.

Although he admitted that he had only “scratched at the surface” of how a university, Brown in particular, can

help guide society back onto the right track, Swearer believes that “there is a moral or value-laden dimension to what we do here. Socrates told us that the unexamined life is not worth living. Kurt Vonnegut has recently commented that the ‘morally unstructured life is a clunker, too.’” Hinting strongly that the time has come to “stimulate more discussion about the values informing our lives at Brown,” the president concluded and the academic year commenced.

K.H.

GCB closes, students await new pub

New dean wants to 'turn Graduate Center into a center for graduate students'

The Graduate Center Bar, a mainstay of campus social life since the late 1960s, closed over the summer to make way for a computer workstation facility on the first floor of the Graduate Center. The administration's decision to evict the GCB brought protests from graduate students and faculty, resulting in an effort to relocate the facility in smaller quarters on the building's second floor. The new bar is scheduled to open this month.

Three factors led to the University's decision to close the old GCB, President Howard Swearer explained at a faculty meeting on September 16. First, the University was concerned about the GCB's liability under a state "dram shop" law that holds owners or sponsors of liquor-selling establishments responsible when patrons inflict or receive injuries in alcohol-related mishaps. Second, there was an urgent need to expand students' access to computer workstations on campus, and space was at a premium.

Third, Swearer said, it was felt there might be a more suitable space for the GCB. Members of the GCB governing board have admitted that the spacious middle lounge was underutilized. Patronage of the bar, the hottest spot on campus in the early 1970s, had fallen off in the '80s, thanks in part to a higher drinking age; several years ago the GCB was granted a one-time, \$10,000 subsidy to prevent it from going bankrupt. The decision to close the bar, Swearer emphasized, "was not done in the middle of the night in the summer," but was the product of "careful consideration over a long time."

Those who were affected by the closing, however, were displeased by its timing. While the liability issue had surfaced last spring and was discussed by the Graduate Student Council, the GCB's independent board of governors had been advised only that the insurance problem would have to be resolved, or the University itself would have to take over the bar and provide insurance. At the time the decision was

announced in mid-July, however, campus activity was at its annual low ebb, with many students and faculty away or not in close touch. The president of the board of governors, Associate Professor of Psychology Billy Wooten '70 Ph.D., was out of town on vacation. No preliminary consultation or advisory was accorded the Graduate Student Council, which learned of the eviction indirectly, according to Council President Claudia Benassi.

News of the impending closure spread through the graduate-student community and evoked vehement responses, including petitions signed by more than 900 graduate students, faculty, and staff. "The University cannot survive without graduate students, and graduate students cannot survive without a place to socialize," one student wrote in a note posted to Brown's electronic bulletin board on the mainframe computer. "We need a place to have fun and relax." Another wrote, "With no place to socialize with my peers, my only alternative is to restrict my social interactions to people in my lab or my neighbors."

Benassi points out that graduate students, most of whom live off-campus, have few outlets for fostering a sense of community within the University. "The undergraduates have lots of places to go—the Underground [a club and bar in Faunce House], the cafeteria, dormitories," she says. "Some people said that only thirty people ever went to the GCB, but that's not true. The graduate students and faculty here really do need a place to socialize."

The students organized a party on a Friday night late in August, in the second-floor lounge area of the Graduate Center, to commiserate about the GCB's demise and discuss options for the future. Because it had not been registered with the appropriate office, campus police officers dispersed the gathering, in the process incurring more resentment from frustrated graduate students. A second party one week later was more successful, owing to the participation of Dean of the



Graduate Center Bar in the early 1970s.

Graduate School Phillip Stiles, recently returned from overseas, who spent the latter part of August working to ease the GCB situation.

Stiles, in fact, moved quickly to insist not only that a graduate pub would reopen, but that it would do so by the middle of October. An unused kitchen facility on the second floor of the Graduate Center has been selected as the site for the bar, which will be operated by the GCB board if it is successful in purchasing adequate insurance, and otherwise by the University. As the *BAM* went to press, the board had succeeded in locating an insurer willing to provide \$500,000 in liability insurance—but that is only half of the \$1-million coverage Brown requires.

The GCB controversy focused attention on a feeling among some graduate students that as a population they are given short shrift by the University. "The fact that we were never really told about the decision to close the GCB," says Benassi, a graduate student in the English department, "is symbolic of the importance attached to graduate students here. We're only one-quarter the size of the undergraduate body at



LOUIS J. DODVATKIS

undergraduates. The cafeteria has not operated regularly for many years, and a pleasant second-floor lounge with picture windows, a piano, television, and upholstered furniture is little-used.

The lounge will be refurbished and turned into a Graduate Student and Faculty Lounge under Stiles's plan—a place for faculty and “apprentice faculty” (graduate students) to meet, relax, talk, and perhaps eat a light lunch. “In the long run,” Stiles says, “I would like to make the Graduate School the intellectual center of the University, a place where ideas and concepts are probed more deeply.” Towards that end, he hopes to offer a lecture series in the lounge, in which faculty and students will address contemporary issues.

He hopes also to involve alumni of the graduate school in improving the quality of life for current graduate students. “We would like alumni to give us suggestions,” Stiles says, “to let us know what was valuable for them, and what was not.” Perhaps, he adds, alumni support will be tangible, too. “Some graduates may be willing to work with us on various projects,” he says. “I’d like all our alumni to become apologists for a good graduate education.”

Meanwhile, until the new bar opens under management as yet undetermined, Stiles is sponsoring a party in the second-floor lounge each Friday night. The graduate students bring their own refreshments, and the Graduate School pays the clean-up costs. “A significant group feels there is a need for a pub,” Stiles says. “I agree that it is a viable concept, and I’m excited about its future here.” A.D.

People

In addition to the four history professors featured elsewhere in these pages, a number of Brown faculty in other departments have retired recently, or will retire this December. They include **James O. Barnhill**, theatre arts (BAM, September); **John R. Evrard**, M.D., obstetrics and gynecology; **Herman F. Eschenbacher**, education; **Seebert J. Goldowsky** ’28, M.D., surgery; **Gerald S. Heller**, engineering; **Paul F. Maeder**, engineering (and former vice president for finance and operations); **Harold R. Nace**, chemistry; **Alfred W. Senft**, M.D., medical science; and **Basil G. Zimmer**, sociology and urban studies.

On June 1, **Brian L. Hawkins** became Brown’s new vice president for computing and telecommunications. Haw-

kins is on leave from Drexel University, where he is associate vice president for academic affairs and associate vice president for computing and telecommunications. At Brown he is organizing and managing the development of a distributed computing system utilizing networks of workstations, as well as the existing mainframe system. From 1983-85 he directed the microcomputer program at Drexel, which was the first university in the country to require all students to have access to a microcomputer. He received his Ph.D. in communications from Purdue in 1975.

There are some changes among the University Relations staff:

William J. Slack, formerly associate director of university relations, has been named director of special events. He is in charge of organizing all major events at Brown, including Commencement, Convocation, endowed lectures, the Continuing College, and other programs. He came to Brown in 1979 as a special events officer.

Ancelin Vogt Lynch ’68 is Brown’s new associate director for government and community relations. She was formerly associate director for university relations. In her new job she will be a full-time liaison between the University and the city, state, and federal governments, as well as community groups.

Dorcey A. Baker ’78, formerly assistant director of alumni relations, has been named associate director in charge of the National Alumni Schools Program. She succeeds **Heidi Jones** ’78, who was promoted to director of alumni relations (BAM, June/July).

Three newcomers to the University Relations staff are **M.L. Farrell**, assistant director for special events; **Jeffrey A. Williams** ’85, assistant director of alumni relations in charge of minority alumni programs, replacing **Arnold J. Lewis** ’83, who resigned to attend Harvard Business School; and **Davies Bisset** ’85, assistant director of alumni relations in charge of Brown clubs.

Two Brown faculty members were awarded Fulbright grants for study abroad. **Martha E. Davis**, visiting scholar in music, used her grant to participate in the 1986 South America Today summer seminar, traveling to Venezuela, Ecuador, Bolivia, and Argentina. Dr. **Arvin S. Glicksman**, professor of medical science, is spending the academic year at Tel Aviv University in Israel, working with the school’s teaching hospital to develop an integrated oncology program.

Brown, so maybe the University has felt that we need fewer facilities. The Graduate School has never had much cohesiveness; most people depend on their own departments for social contacts. But that is all the more reason we should have a center to gather and meet each other.”

Stiles, whose appointment as dean of the Graduate School became effective last July 1, concedes that “graduate students may have felt left out by the University.” But he insists that the University is sensitive to their needs, and is trying to address them. In fact, the upbeat Stiles views the aftermath of the GCB closing as “a no-lose situation. The administration is serious about improving facilities for graduate students, and the students will end up with something better than they had.”

Stiles sees the new bar as part of a larger project he has launched: “Turning the Graduate Center back into a center for graduate students.” Built in 1968 to provide housing, a cafeteria, and social areas for graduate students, today the building houses graduate students in only one of its four “towers,” the other three being home for

SPORTS

By James Reinbold

Cross country heading for the top From Heptagonal doormat to fourth in 1985

The Brown cross country team had its best season in twenty years last fall. Ever since the arrival of Coach Bob Rothenberg '65 in the summer of 1983, the successes of the men's cross country team have been measured in terms of best: best Ivy League finish (5-2 in dual meets; second place); best finish in the New Englands (sixth); best finish in the Heptagonal Championships (fourth); and best finish in the IC4A's (sixteenth of fifty). In addition, he has Chris Schille '88 and Greg Whiteley '89, who are among the best distance runners in the country, and nine of last year's top ten runners returning, including seniors David Alden and Harry Matternas, as well as junior standout Peter Loomis.

Having two runners as prodigiously talented as Schille and Whiteley has not been an unqualified blessing. There have been some touchy moments between the two runners—a situation Rothenberg wryly labels the “Clash of the Titans”—and he and Assistant Coach Dan Challenger even had the two training and racing separately last season, a policy that caused even more tension between the two and with the team as a whole. Now that both have carved out their own turf, and are comfortable with their talent, the tensions have eased a bit. Both are aware of how much they can contribute to the team and how good the team can be. Rothenberg has “a healthy Chris, and an experienced Greg; and for the first time they're both in good shape together at the same time.” And training together as well.

Things were not always so in the world of cross country running at Brown. The program Bob Rothenberg inherited in the summer of 1983 was in disarray. The glory years of the 1960s were past. The lack of spirit, enthusiasm, and talent that had characterized the 1970s spilled over into the early part of the 1980s. Long distance running at Brown was not only lonely, it was about to die from neglect. For more than twenty years, from the 1950s until 1967, Coach Ivan Fuqua (1932 Olympic gold medalist in the 4x400

relay) had given spark and drive to the program. In fact, Rothenberg served as a part-time assistant under Fuqua after he graduated from Brown and was pursuing graduate studies. He then spent a year of coaching and teaching at Glen Ridge (N.J.) High School, followed by two years in the Peace Corps. He was assistant track coach at Fairmont Heights High School in Chapel Oaks, Maryland, before becoming head coach of boys' cross country in 1971. In 1977, he became head coach of girls' cross country and track at Fairmont; then, in 1980, moved to Suitland (Md.) High School, where he coordinated both the boys' and girls' cross country and track programs. His Maryland teams won eighteen state championships.

In the fall of 1982, the Brown cross country team did not have enough participants to send even the minimum contingent of five runners to meets. It was an understatement to say that Brown was the doormat for Eastern teams. In ten seasons, the Bruins were last or next-to-last nine times. As Rothenberg recalls, “The environment [for distance running] was very negative. A very small percentage of the men who came out for the team stayed on the team or returned the following year.”

In the summer of 1983 Rothenberg arrived to turn the program around. Without having had an opportunity to recruit, he had to make do with a team made up of a few freshmen, such as David Alden '87, and a host of thirty or so walk-ons, none of whom had followed any coherent training schedule during the summer. The prospects were indeed grim for the highly successful high school coach. But things changed quickly. Rothenberg's dramatic success story can be attributed, in part, to two factors: Schille and Whiteley.

According to Rothenberg, “Chris came in with the promise that things would get better.” That was not an idle promise, for the next year brought Whiteley. Of course, talented as both Schille and Whiteley are (in successive



Brown's cross country stars, Chris Schille (left) and Greg Whiteley.



years they were ranked second in the nation in the 5,000 meters; and each, as freshmen, made the U.S. national junior team), success in cross country cannot be guaranteed by two runners. As Rothenberg is quick to point out, the number-five man on the squad is every bit as important as number one and number two. It is team standing that is important in cross country: A good performance by number five can insure a top team finish, a bad one can spell disaster. So Rothenberg is fortunate to have a runner such as Alden, a model of consistency for four years. “Before a race, you can always figure on Dave finishing in a certain position,” Rothenberg says. Alden, who is the son of Vernon R. Alden '45, a Fellow of the Brown Corporation and a top miler and two-miler while at Brown, was voted the team's most valuable runner. Throughout 1985 he ran well, finishing in the top three in each of the season's final six races and an impressive fifteenth in the HEPs. Dave Alden has run a 14:24 in the 5,000 meters and last spring lowered his mark in the 10,000 meters to 30:07. Then there is Peter

continued on page 78

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Tools of the University

Photographs by John Forasté

Small children learning to speak often attach to new words a highly specific meaning, so that “cat” designates that particular family’s pet and “flower” refers to the dandelion clutched at that moment in a chubby young fist.

The word “tool,” too, begins its life in our consciousness as something narrowly defined—the hammer Mother uses to pound a picture-hook into the wall, or the wrench Father wields to fix a leaky faucet. “Tools” then begins to expand into a concept, rather than the name of one object. School-age children know that tools are the various implements, mostly made of metal, hanging from a pegboard in the basement or toted in a toolbox by a carpenter. Tools are used, children realize, to make things and to fix things.

As adults we continue to refer to saws and screwdrivers as tools, but we also are sophisticated enough in organizing mental concepts to apply the term to anything—object or abstraction—that is employed to achieve an end, to create, to craft, to transform.

What, then, are the tools used by a university to accomplish its missions of education and research—to practice “the art of assisting discovery,” as teaching has been called? Some of those tools are not tangible. Others are, and photographer John Forasté set out recently to find them and capture their images. The results of his search appear on these pages. A.D.

Classroom chairs in Rogers Hall await students and a professor to begin the day’s discussion.

Hundreds of journals
line the shelves of the physics
library in the
Barus & Holley Building.





One of the most modern of tools for teaching and learning is the computer, and it is changing life for students, faculty, and staff at Brown. The scholar's workstation (above), a personal computer that can "talk" to other computers, is a prime component of Brown's plan to bring the whole campus on-line.



Mens sana in corpore sano. The symbiotic relationship between physical and intellectual activity has long been a hallmark of Ivy League athletic programs. Because of that, a recreational racquetball player is accorded the same high esteem as a varsity quarterback. Both are expected to bring a competitive spirit to the classroom as well as the arena.

Instruments: In Fulton Rehearsal Hall,
these tools lie in silence until the lessons
commence, or the auditions, or the rehearsals.

To some extent, musicians are
students forever; they will tell you themselves
that they never stop learning their craft.



Instrumentation: The gauges and controls on a Philips 420 STEM (Scanning Transmission Electron Microscope) glow in the Materials Research Laboratory.

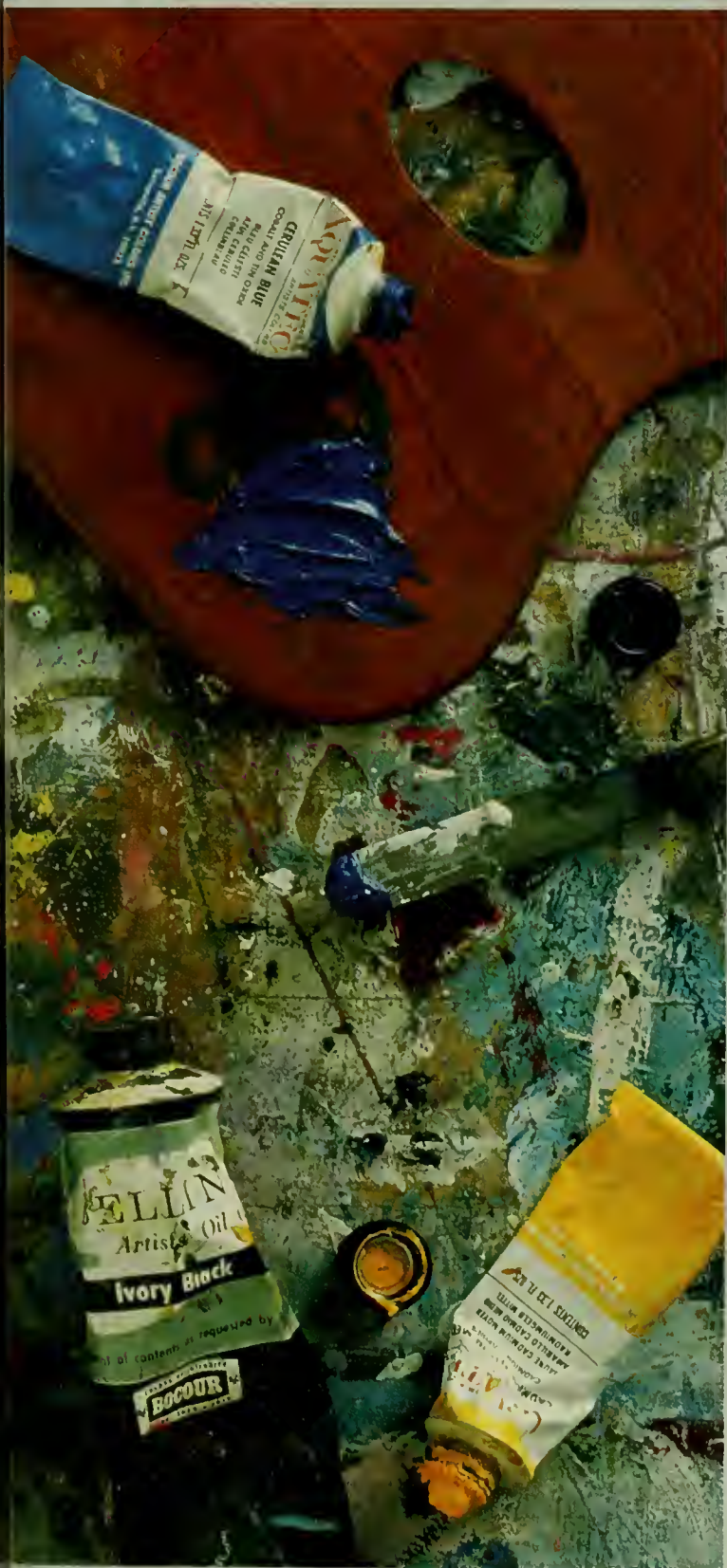


The information explosion has come to roost on these bookshelves belonging to political science professor Terry Hopmann.



Alone with the basics—blackboard, chalk, eraser, and book—Professor of Engineering Herbert Fried works on a problem in the Theoretical Physics Seminar Room, Barus & Holley Building.





An artist, said Michelangelo, “paints with his brains and not with his hands.”

The students and faculty who spend countless hours in the List Art Building studios could argue that art requires both intelligence and dexterity. Here, paints, brushes, and palette rest upon a work table transformed by years of stray brushstrokes into an impromptu canvas.

B



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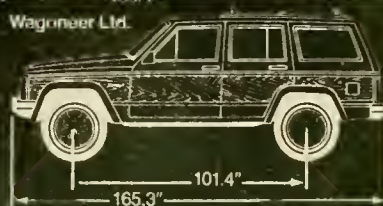
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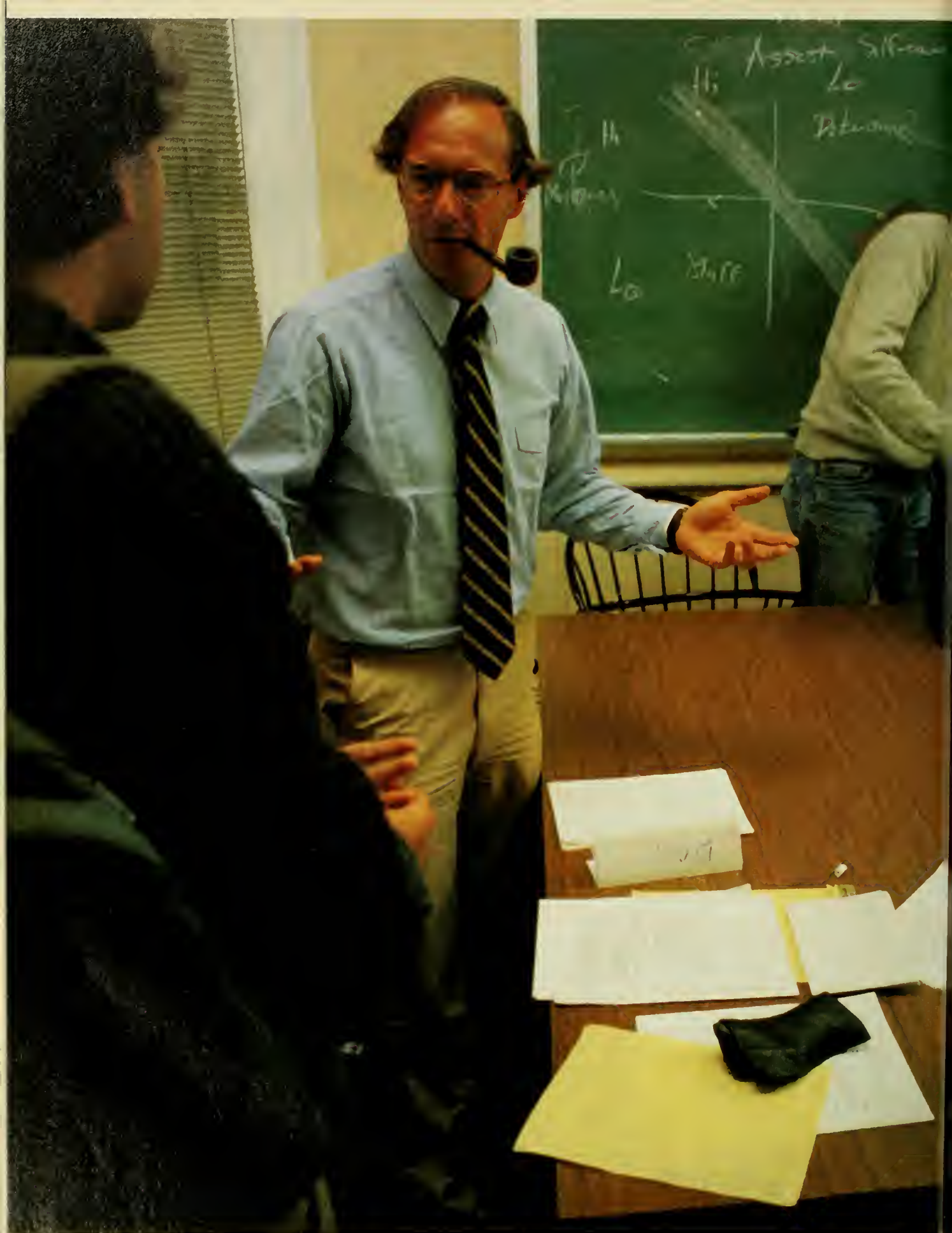


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RELEVANCE AND THOUGHT

Political scientist Eric Nordlinger asks nothing less of his students—and of himself

By Katherine Hinds

Photographs by John Forasté

Eric Nordlinger breezes through the door of the auditorium in the List Art Center, and strides down the aisle toward the front of the room, smoothing his windblown hair. The class is Political Science 141—"Contemporary International Politics"—and it's packed. Nordlinger eases by clusters of students who are settling into chairs and onto the floor for his eighty-minute lecture, and he hops up on the raised platform, arranging the materials for his lecture on the origins of the Cold War. The class quiets down and hears what may be a startling admission from their professor: He is nervous.

Minutes earlier a student had confided to a visitor that Nordlinger has a reputation for being arrogant—brilliant, uncompromising, and very, very sure of himself. Now Nordlinger flashes what has to be called a boyish grin, and says, "I'm not usually nervous when I teach, but today I have a special awareness of my audience, because there's a reporter here." Without further preamble, he launches into a concise, well-organized lecture on several interpretations on the origins of the Cold War. He pauses to ask if there are questions on the material covered thus far, and adds, "The last time we met, I noticed that some of you have some familiarity with the origins of the Cold

War. Now, I don't want the rest of you to be inhibited in asking questions. All I ask for, although sometimes I know it's difficult to come by, is relevance and thought." The class laughs a bit nervously, realizing, perhaps, that although Nordlinger has made a joke of it, he *does* expect relevance and thought and it is often difficult to achieve. One student launches into a rambling question and is cut short by Nordlinger, who says, "What exactly is your question?" When another student is attempting to get a statement out, Nordlinger interrupts to say curtly to the rest of the class, some of whom are talking, "I've been known to ask people to leave my class for talking." The class is on alert. This is one man they don't want to mess with.

Nordlinger, who has been teaching at Brown for fifteen years, is considered "something of a hot shot," according to one student—"you see his name and work referred to all the time when you are reading other political science books." His research has ranged widely—from a study of Boston city politics that is required reading for certain city employees to a book on the autonomy of the democratic state that one critic hailed as a "minor Copernican revolution in policy study." In addition to his position in the political science department, he holds an appointment as an

He once told a group of Army officers that U.S. military presence abroad must be curtailed—he argued for two hours

associate at Brown's Center for Foreign Policy Development and at Harvard University's Center for International Affairs—and he admits he has the best of both worlds.

A relaxed Nordlinger sits back after class and lights up a pipe. "People who know me will laugh at this," he says, "but I don't see myself as arrogant, although I know that's what my reputation is. I'm simply trying to pursue high standards; I'm just trying to get students to think critically. I try to press people—both students and colleagues—to support their views. I'm not impressed with what people think unless I know the basis for why they think what they think."

"It *can* be scary to ask a question in class," another student offers. "Nordlinger has the reputation among students as being sort of awesome. He doesn't suffer fools gladly. But he's great—he's such an independent thinker. He'll quote lots of other sources, then say to us, 'These guys are all wrong,' and tell us exactly why. That's really exciting to hear."

Independence is something Nordlinger has always valued, and it's probably the most important reason he chose to enter academics, rather than business. "When I went to Cornell as an undergraduate, I wanted to pursue business. But, even after winning the Myrtle Miller Prize in Mathematics as a freshman," he says, smiling, "I decided I didn't want to be an engineer. I figured maybe I'd go to law or business school. Then, without knowing anything about academia, I decided that's where I wanted to be. Really all I knew about academicians was that they weren't paid very well. I thought the world of my instructors at Cornell, and I developed the sense that academicians could be and *were* independent. They didn't have to report to anyone; their responsibility was only to themselves and their ideals. And what clinched it was that I developed specific ideas about businessmen. In the fifties, sociologists portrayed corporate people

as more formal than the academics—I generalized wildly. I saw academicians as not so conformist. And my dad was also a businessman, and I saw that he took a lot of crap from people. That caused me a lot of pain, and I think I half-consciously reacted against it. The independence of academics really appealed."

Has this proved to be true? Dumb question to ask an exacting social scientist. "I can't answer that. I haven't made a comparative study," Nordlinger replies—with a saving grin. "Let me just say that I haven't been at all disappointed in my academic career. I can write, teach, research what I choose, and can interact with the colleagues of my choice."

When he graduated from Cornell, Nordlinger applied to the doctoral programs at Harvard and Princeton. Harvard informed him that his check for the application fee had bounced, and they wouldn't tell him if he had been accepted until he made good on it. He decided on Princeton, where the size of the department appealed to him, and he knew the work of a couple of the professors.

"I had one professor at Princeton who really shaped the way I address questions," Nordlinger says. "He wanted me to stand back and figure what strategy to take, what line of inquiry to pursue, on any of the subjects I've studied. I've jumped around a lot, in terms of research, which is unusual. I haven't focused on one subject or geographical area. But, beginning with an analysis of British and French attitudes to authority, until recently I've focused on the establishment and performance of democratic regimes. My jumping around has something to do with wanting to pursue reasonably challenging questions. If I've just finished a project, many questions certainly remain unanswered about the project, but I won't feel I can make that much more of a contribution. Which isn't to say that others can't pick up where I left off."

Nordlinger is asked how he chooses his research questions. "If you were

to ask me, 'How do you identify your projects?', I would say, It's *bloody* difficult," he answers. "It's the most time-consuming, frustrating part of my work. I try to go into a new area and learn it and identify problems at the cutting edge of that scholarly inquiry. I try to identify questions of a theoretical or general kind that represent inquiry in that area that are not only potentially doable and challenging, but they should also speak to political outcomes that are consequential for the people involved."

Nordlinger explains how he whittled one topic out of a larger area. "I was interested in why in some democratic regimes classes and ethnic groups that hate each other sometimes end up killing and repressing each other, and sometimes the conflicts are regulated." He has written: "Some societies featuring open, nonrepressive regimes are so deeply divided that they are eminently prone to political violence, governmental repression, or both. Yet, some intense conflicts do not give rise to widespread bloodshed or forceful repression. The conflicts have in one way or another been regulated."

"I worked on this problem for a year, totally confused," Nordlinger says. "Then I broke through the confusion. Suddenly I realized that there were two distinct questions that could have different answers. One question is why does intense conflict develop? Why are some societies so deeply divided—the Irish Catholics and Protestants, Christians and Moslems in Lebanon. The second question was, given that some societies are already deeply divided, why is there violence in some but not in others? I chose to answer this second question, and from that point my efforts in developing a theory of conflict regulation moved along smoothly."

Nordlinger says that he's heard students say about political science and sociology that "the answers are *so* obvious. And they are often obvious. The challenge is to find which of the straightforward answers is the more



Nordlinger's quest for excellence extends to his favorite pastime: fly fishing.

powerful explanation.

"I often view the problem as an iceberg. I try to clarify the tip, and the answers are straightforward. Then I ask questions about the next level, closer to the water line, and so on down to the base of the ice. It's a systematic way of theory building. One level of explanation leads to a deeper level. Although the connections between any two levels are often straightforward, the result is an identification of variables I wouldn't have thought of originally."

Once Nordlinger was invited to give a talk to a group of Army colonels who were being sent to Third World countries on an advisory basis. He was lecturing them on the motivations of military officers who carry out coups, a theory he developed in his book, *Soldiers in Politics: Military Coups and Governments* (Prentice-Hall, 1977).

"The talk was supposed to last an hour, and during the question and answer period, I said, 'Of course, you people have no business going out there anyway.' " Well, those are fighting words to career Army officers, even when delivered dryly, and from that

point Nordlinger was barraged with questions. It went on for hours while he argued that the American military presence abroad should be sharply limited.

It's typical that Nordlinger would stand his ground—it was, after all, an issue that he could defend with "relevance and thought." "The most distinctive set of ideas I develop in the course I teach on international politics has to do with this whole concept of U.S. containment strategies," he says. Nordlinger developed those ideas when he was bedridden for a month in Princeton before he began teaching at Brandeis.

"I had been 'drafted' to teach this course, and I lay in bed in the hospital, knowing I had to discuss American containment policy. I couldn't go into the history of it, because I didn't have books and articles with me. I realized the most incisive way to tackle it would be to assess its opposite—non-containment, noninterventionism. So I decided to see how strong an argument could be developed that way. I lay in bed and developed that argument broadly, and ended up convincing myself."

Nordlinger argues that "given all

sorts of political realities, a sharply circumscribed containment policy best enhances our own security." He came to this conclusion in 1965 a decade before the government of this country learned the lessons of massive interventionism in Vietnam.

Why should the U.S. military presence be limited? "You want the answer in a nutshell?" he asks. "Okay, here's the nutshell. If another war is going to come, it's almost certain to grow out of American interventionism that turns into a Soviet-American conflict that inadvertently will escalate to the nuclear level. Therefore we need to limit our intervention abroad. And every administration has exaggerated the importance of establishing American credibility. This country has intervened over the years, not so much because the interests at stake were important in and of themselves, but to maintain America's reputation for resolve. We even continued fighting in Vietnam for four years after we knew we couldn't win, just to allow us to make a more respectable exit."

Because at heart Nordlinger believes that if there is a general war, it will develop out of a confrontation in which neither the U.S. nor the Soviet Union believes it can afford to appear weak by backing off, he thinks the U.S. should afford to establish narrower defense perimeters, perhaps only including the countries—"Western Europe, Japan, Mexico, maybe Israel—that for military, economic, or moral reasons are so important to us that we would knowingly be willing to risk war. Americans should define which countries are intrinsically important, and that's where we should draw the line. In the nuclear era our credibility would be more than sufficient to deter Soviet expansionism into vital areas. It's not necessary to defend peripheral interests in order to maintain our credibility with respect to the central ones. I know this view is labelled isolationist. It's not to say that we are limited in other ways. We could still undertake policies on behalf of economic well-being, democracy, investments abroad, or human rights issues. I'm not assuming these actions would be effective, but we'd have much more independence to do what we considered appropriate if we restricted our defense perimeter. For instance, we're tied to a specific regime in Chile—Pinochet's regime. We can't afford to take, or even threaten to take, economic, diplomatic, or political actions against that regime because our defense of Chile is part of our defense

against communism. But peace is not globally indivisible, unless we continue to make it so with the costs and risks that this involves."

Nordlinger says he doesn't take a consistent position in the classroom that his students could characterize as "hawkish or dovish. I think this is because much of my thinking stems from the crucial aspect of international politics, the condition of anarchy, as this makes for the 'security dilemma.'"

"You know, the central characteristic of international politics isn't violence, although there is lots of violence between and within countries. The central characteristic is the absence of a central authority that protects everyone. So states have to protect themselves first and foremost. In international politics, if you make yourself more secure, you end up making others feel less secure."

The security "dilemma" is the research problem Nordlinger has been "beating my head on for the past few years. I've never pursued a problem as long as I've pursued this one with so little progress. Let me tell you the parable I use at the beginning of my course."

Imagine a primeval forest, with five starving men wandering in it with no weapons. Eventually, they meet in the forest and decide to cooperate. They will cooperate in order to capture a stag, kill it, and divide it into five equal parts. The five men hunt throughout the forest, find a stag, and are about to pounce upon it, when suddenly a rabbit appears between two men—Smith and Jones—and freezes in fright.

"Now. Either Smith could pick up the rabbit and run, and thereby not starve. Or he could continue to cooperate and pounce on the stag with the other men. There is some chance that this stag will not be captured, whereas the rabbit is frozen in fright and easily trapped. Smith thinks Jones might pick up the rabbit. If Smith thinks this, he will probably take the rabbit to survive. The point is that Smith cannot be sure of Jones's intentions. Therefore, he may well prefer to play it safe—since his life is at risk—even though this would be comparable to an act of war. Four men will starve as a result. To take this one step further, the four men would then be so angry at the man who picks up the rabbit that they'd kill him. If they did, they'd be condemning themselves to death, because it takes at least five men to capture the stag. The

only 'rational' strategy is to bring him back into the cooperative hunting group."

Nordlinger stretches this parable, which is from the French philosopher Rousseau, to illustrate his point about the security dilemma: "Smith is interested in making himself more secure without making the other men less secure. How can he do that when he suspects that Jones will take the rabbit? If central authority were present, the dilemma would most probably disappear. Neither Smith nor Jones would take the rabbit and each of them knows this about the other. For if one of them did defect, the others would bring the power and authority of policemen, judges, and hangmen to bear. Central authority serves to deter the breaking of agreements or other warlike acts."

But since anarchy always characterizes international politics, is there no way out? Nordlinger's response is "yes and no, but mostly no. Let's change one aspect of the story. Each man has a poison dart pipe. The darts can't be used against a stag that is to be eaten, but they can be used to kill each other. In this scenario, neither Smith nor Jones would take the rabbit and each knows this about the other. For they know that the other men would most probably shoot their darts at anyone who does so. Under some conditions cooperation or peace is then more likely when weapons are present as deterrents. But now we run into another problem. The stag has been killed, and the five men are sitting around the campfire waiting for the meat to be roasted. With all of them having poison dart pipes, what is to stop one or two of them from quickly shooting at the others in order to have a larger part of the stag? Weapons can also make for war."

Nordlinger has spent the last couple of years considering how the security dilemma in the world might be loosened. "Right now, the superpowers are bound up tightly. They are overly fearful of one another and they don't have ways of making themselves more secure without detracting from the other's security and their ability to pursue their own interests."

What about defensive weapons, specifically the Strategic Defense Initiative—the so-called "Star Wars" technology? "If it were ever to work, SDI has the potential to serve as an umbrella after the U.S. has launched the first strike, or in some different version, SDI could be used as a station for exotic, energy weapons directed against the U.S.S.R. Even if there were such things

as purely defensive weapons, when used in conjunction with offensive weapons, they are offensive." Nordlinger thinks that landmines are an example of a weapon that might be considered purely defensive. "But if you place mines on your side of an international border, later deactivating those at one end, you could send your troops around in a surprise flanking movement, surround the opposing forces, and then force the enemy against the now-offensive mines."

"This is what I went to graduate school for, to study foreign policy questions. I got taken up with theories of comparative policies, but I'm back where I began. Here I am working on this defense dilemma. Maybe the Reagan silliness and dangerousness had some bearing on my decision to get back into foreign policy issues."

Last year, Nordlinger began teaching a seminar on national security policy. Will the seminar help with his research? "Let me answer another question," he says. "Some of my teaching is closely related to my research, and some is at enormous distance from it. Actually, if you are teaching subjects that you don't know inside out, you are able to stand back and ask the questions students would ask. What strikes me as important in those classes [not related to his research] is likely to strike the undergraduate as important, too. Sometimes my best classes are on topics I'm not an 'expert' on."

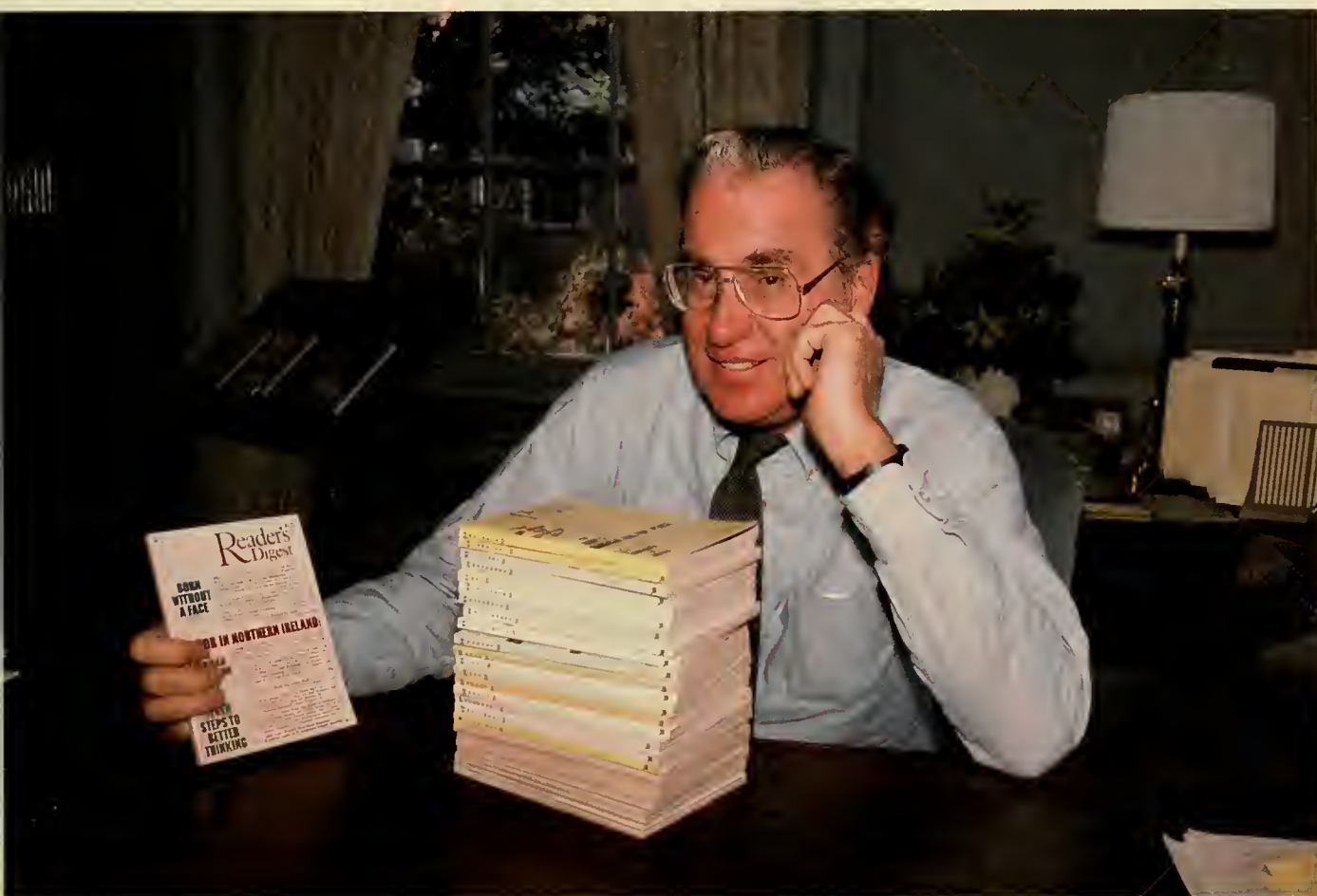
Nordlinger believes that his research on state autonomy will have the most impact. In his book, *On the Autonomy of the Democratic State*, Nordlinger challenges a basic assumption of liberal and Marxist scholarship—that elected and appointed officials are consistently constrained in the making of public policy by various society actors. The two questions he answers in his work are how the public policy decisions of the democratic state in America and Europe can be explained, and to what extent is the democratic state autonomous—how often does it translate its own policy preferences into public policy?

"The idea that the democratic state is autonomous is an obvious idea that had somehow not been considered before," Nordlinger says. "Conventional wisdom had it that public officials were constrained in making policy by one or more societal groups. The debate for many years was not so much about the

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Reader's Digest editor-in-chief Kenneth Gilmore '53:
'BEST JOB IN THE WORLD'

By Dan Woog '75



SILVIA WOOG WAGNER

Kenneth Gilmore in his office: Surroundings similar to University Hall.

The sign sits demurely among the rolling hills and golf courses of northern Westchester County, New York. It doesn't look much different from any of the other signs that dot the prosperous landscape: American Can Company, Pepsico, IBM. However, behind the small insignia that bears the familiar *Reader's Digest* logo lies a publishing empire of awesome size and scope.

Since 1984 the editor-in-chief of *Reader's Digest* has been Kenneth O. Gilmore '53. He works in surroundings that are reminiscent of his alma mater. A short road from the entrance in Chappaqua (the familiar Pleasantville

address is just a myth; Pleasantville is the next town south, but the *Digest* uses its post office because the name sounds nicer) leads straight ahead to a red-brick building that would look exactly like University Hall, if UH were capped by the cupola that's atop Carrie Tower.

The feel inside the *Digest's* headquarters is similar to University Hall, too. Large, heavy doors open into well-worn hallways. Reception areas feature shelves of books (although here the only classics are condensed versions); there is a warren of small, odd-shaped offices, rather than the same-sized sanitized work spaces one might expect in a publishing conglomerate.

To be sure, there are certain touches that speak not of a university, but of the founders' personal touch that made the *Digest* something special. Since DeWitt and Lila Wallace founded the magazine in 1922, the *Reader's Digest* Association has established itself as a major international marketer of general books, condensed books (including the Bible), records, and audio equipment. Because it is a privately-held corporation—one of the largest and most intensely private in the nation—a detailed financial analysis is impossible. But recently published estimates place its annual revenues between \$1.25 and \$1.5 billion.

Reader's Digest magazine is still the heart and soul of the company, of course. The American edition of the monthly compendium of reprints and original articles, humor, and book excerpts has a circulation of 16,150,000, placing it just ahead of *TV Guide* in first place. No other publication comes close. Once all the copies lying around doctors' waiting rooms and in airline magazine racks are considered, the magazine has an audited audience of approximately 40,000,000 Americans eighteen years and older. Each month one in four adults in this country reads *Reader's Digest*.

The international statistics are even more staggering. The *Digest* prints thirty-nine editions in sixteen languages, including Arabic, Chinese, Korean, and Hindi. The overseas circulation is almost 30,000,000, and the total readership reaches as high as 100,000,000. The international circulation of *Time*, by contrast, is 6,000,000.

Gilmore's office is light blue; it looks formal but feels relaxed. His bay windows look out on some of the prettiest of the *Digest's* 156 acres; his enormous desk—one should actually call it by its old-fashioned name, a "secretary"—is littered with manuscripts, past issues of the magazine, and mementoes of his years of foreign travel; his bookcases are filled with more than condensed versions. From time to time, a train toots in the background as he spends nearly an entire morning speaking with a visitor, analyzing the current state of the American publishing industry, and *Reader's Digest's* place in it.

"We are the last mass-circulation, general-interest magazine of the kind left," Gilmore says. "*TV Guide* is close in numbers, but we're pretty much alone among non-specialty, mass-audience magazines."

Much of the magazine market has become ultra-specialized—not only are there tennis magazines, TV magazines, and computer magazines, but magazines for tennis pros, soap opera buffs, and Kaypro computer owners. There is increasingly more competition for people's leisure time and dollars, which Gilmore views as a positive trend.

"We feel we continue to have plenty of appeal, because we are giving people a lot of magazine material, newspaper material, reprint material from all over the world that they wouldn't have the opportunity to see otherwise. We present it in very concise, readable fashion, so they get a chance to see a pretty good cross-section of

reading, all in one place."

New magazines coming into the market give the *Digest*—everyone there calls it that—the chance to pick up new material all the time. *Discover* magazine is one example: Gilmore says it "taps into people's new interest in science and technology," alerting the *Digest* to new enthusiasms and concerns while providing a ready-made source for articles.

Gilmore feels the increasing competition in the magazine industry is "part of the free market system, and in the long run, it's very healthy." But it wasn't healthy for such general-interest publications as *Look* and the old *Saturday Evening Post*, nor even for such specialty magazines as *Families*, the *Digest* Association's nine-issue, \$20-million disaster.

How does the *Digest* keep on top of the constant shifts in public tastes and interests? Gilmore says, "We keep our antennae up, and we have years of editorial experience and instincts. We offer wonderful entertainment value. Without a doubt, our self-help and service articles, and our 'art of living' pieces are always going to be important. It's impossible to single out one thing that makes the *Digest* what it is; that's true of other publications, too, as they aim at a particular niche. We help people get through the difficulties and hassles of life—medical concerns and worries; raising families, especially now with drug and child abuse problems, and runaway children. Helping people with problems is one of our niches."

The heavy family orientation is illustrated by a story the *Digest* ran in July, 1984: "I Still See Him Everywhere," which recounts the inner emotions of a father whose son was killed by a drunk driver. "Without sounding boastful," Gilmore says, "that was a tour de force. The technique, the drama, the way the story was portrayed in a restrained way—that story went off the charts in our survey."

The piece was timely, yet timeless, and that's another reason it appeals to the editor-in-chief. "There's an enduring universality to those types of pieces that have run in the *Digest* since the early 1930s, when the Wallaces started to run a few original articles."

The classic *Reader's Digest* story, the one Gilmore says "put the *Digest* on the map, and woke up the country and the publishing industry to the fact that the *Digest* had become a large and extraordinarily influential publication," appeared in the mid-thirties. Entitled "And Sudden Death," it was "a horrifying story," according to Gilmore. "You

couldn't put it down. It was about the carnage of highway deaths, particularly on big weekends. DeWitt Wallace put it all together; he sensed he had something unique. No one had gone out and really looked at the bloody, gory, terrible highway accidents that were taking place all over the country. He timed it so it would appear a month or two before the Fourth of July holiday. That story created an awareness: Highway



programs were initiated, debates were started, that sort of thing. In many different ways, we've had variations on that sort of story throughout the years."

The *Digest* sees itself not merely as a compiler of interesting articles, but as an innovator, a creator of awareness where none existed before. Its reprints can alert millions of people to a potential problem or hazard; its original articles can rally millions more to a cause.

Reprint material reaches the magazine through a variety of sources, including Gilmore himself. As a member of the Council on Foreign Relations, and formerly the *Digest's* supervisor of international operations, he is an avid reader of *Foreign Affairs* magazine. A recent issue carried a story by a top French doctor, part of a team providing medical help to Afghan resistance fighters.

"This was a beautifully written, extremely compelling story," Gilmore says. "It was about terrorism and the war of attrition the Soviets are waging,

and also about how the war hasn't gotten the attention of the Western world and free press. There was also some great on-the-scene reporting."

The story provided insight, but if it had appeared only in *Foreign Affairs*, "just a tiny fraction of our audience would ever have read it. By reprinting it [in the May 1984 issue] we brought them a superb dimension of a very violent situation in some far-off place."

The Digest's political slant has come in for plenty of criticism over the years, but Gilmore calls such sniping 'nonsense'

SUSAN WOOG WAGNER

The *Digest's* political slant has come in for plenty of criticism throughout the years—*The Nation* has called it "virulently anti-communist"; Walter Goodman, writing in *Harper's*, called it "reactionary"—but Gilmore brushes off such sniping. "We certainly look very hard, and will continue to look hard, at the problems, intrusions, aggressions, et cetera, of the Soviet Union, and of communism in general. It seems we've shed a lot of light on it.

"Some people, like Susan Sontag, say we've said more about [the Soviet Union] than other publications, and I think we have. As a major publication, we always get stuck with broad-sweep criticism, but I think most of that is nonsense. I'm not going to try to answer individual charges, because I don't think it's pertinent. All I know is, we have a large staff that watches over every possible kind of publication to evaluate potential articles. We evaluate everything this way: Does it have the necessary style, clarity, information, and importance we seek?"

The ultimate decisions regarding style, clarity, information, and impor-

tance, rest, of course, on Gilmore's shoulders. He prides himself on being a "hands-on" editor. Although he has a dozen or so editors who work with writers, although the decision about which articles to commission and which to reject is a joint one, and although there is an "issue editor" and executive editor to take charge of each month's magazine, he reviews and okays every single word that appears in print.

He smiles and says, "It's not a democratic decision. The final judgments and the imprint of the magazine have to reflect the decision-making of the editor-in-chief. I listen very carefully to my editors and writers, because they represent a wide range of ages and backgrounds, and it's important to hear things that may not have occurred to me, that represent a weakness or a problem in a story. But ultimately, the responsibility of what goes into the *Digest* is mine."

Gilmore knows instinctively by now what's right for the *Digest* and what isn't. He has spent virtually his entire working life with the company, following brief stints as a reporter with the *Washington Post* and the Newspaper Enterprises Association. In 1957, he joined the *Digest* and was assigned to its Washington bureau, first as a researcher, then as a writer. He became bureau chief in 1968, and moved to company headquarters in 1973 as an assistant managing editor. Two years later he became a managing editor, and in May 1982, he was promoted to executive editor.

Gilmore feels it's not difficult to be objective about his publication, in spite of the fact that he has been with the magazine for most of his professional career. "I think it's important that I step back from time to time and get a fresh eye on things, and I do that. My number of years with the *Digest* have given me continual opportunities at many different levels within the organization. I learned about the toil and sweat and agony of writing articles, then went into the world of administering and editing.

"Then, up here, I learned the ropes of how we put the magazine out. For several years I was the key liaison with the international editors, so I traveled to lots of places, got to know those editors, their editions, and their particular problems. I came to this job after having had the opportunity to be involved in nearly all the crucial areas of the magazine, and I think that's been

tremendously helpful."

Gilmore likes to get out of his office whenever he can. Sometimes that means walking the corridors to see what people are thinking and talking about; other times it means inviting noted names in politics, literature, or entertainment to lunch at the *Digest's* "guest cottage." One time, it meant traveling to the Midwest, where he and five editors donned *Digest* bibs and participated in part of the Great Iowa Bike Race, which the magazine had covered. He enjoyed getting back to "the writer's experience," and talking with readers who were attracted by the *Digest's* presence. He did not relish discovering that Iowa is not so flat as many people think.

Ken Gilmore is passionately dedicated to *Reader's Digest*. He speaks with fervor of its success in the magazine industry, and he becomes animated when he talks about the impact certain stories have had on readers' lives.

According to Gilmore, more missing children were located when the *Digest* ran a series of photographs than through any other vehicle; the Parents Against Pot organization grew out of a *Digest* series on the physiological effects of marijuana on the brain; "The Plot to Murder the Pope" story, on which he worked closely, broke the story of the Soviet Union's involvement in the assassination attempt on Pope John Paul II; "The Mysteries of the Pyramids" caused "millions and millions of people to take a closer look at ancient civilization, at where man began, and at their own roots."

Gilmore is asked whether he agrees with a quote from his predecessor, Edward T. Thompson, that being editor-in-chief of *Reader's Digest* is "probably the best job in the world." He doesn't hesitate. "It's a fantastic job. At times it is a lot of fun, but I like to think of it more as extraordinarily satisfying and exciting. Working with talented, creative people who come in all the time with ideas and thoughts; helping develop an idea that may change the way people think or act or live—that's what I enjoy. The heart and soul of what we're doing is to develop ideas that in one fashion or another improve, broaden, and enrich people's lives. That's a tremendous job."

Dan Woog '75 is a freelance writer who has read *Reader's Digest* since he was a child.

continued

GILMORE ON JOURNALISTIC RESPONSIBILITIES

The Paradoxes of the Media

In April, Kenneth Gilmore addressed The Commonwealth Club of San Francisco on the topic "Journalistic Responsibility—Pitfalls and Promises." Here are some excerpts:

Thomas Jefferson said: "Were it left to me to decide whether we should have a government without newspapers or newspapers without government, I should not hesitate to prefer the latter."

We journalists and editors savor those famous words, but we should not forget something else Mr. Jefferson said: "The man who never looks into the newspaper is better informed than he who reads them, inasmuch as he who knows *nothing* is nearer the truth than he whose mind is filled with falsehoods and errors."

Within this wide compass of Jefferson's two disparate observations lie all the paradoxes of the American media.

They inform—and outrage.

They explain—and confuse.

They give us data—and give us apoplexy.

They make us smile—they inake us wince.

This media phenomenon is difficult to cope with by the very nature of its size and non stop profusion. In my judgment, the public both rebels at and becomes hooked on the information explosion.

The media must deliver daily disaster messages, so we often want to shoot the messengers. Yet we keep switching on the TV news. We also listen to radio, read newspapers, and buy magazines by the millions.

Every day we wade into that often bewildering torrent of airport bombings, distant famines, border incursions, oil-price slides, stock-market rises, court cases, baseball scores, leaked documents, flash floods, drug busts, consumer scares, diplomatic deals, arms negotiations, street riots, murders, embezzle-

ments, and bank robberies.

On the whole, the media do a remarkable job of reporting on and sorting out this cascade of events. But there are problem areas.

First, television news has become so mixed up with entertainment that it is often difficult to distinguish between the two. Leo Cherne, executive director of the Research Institute of America, sees the competing network news shows resorting more and more to theater techniques. "Dramatic interest, not professional adequacy, is one of the hazards," he says. "Sensation, not sobriety, is another. Television news, with the high stakes which are invested in each of its thirty-second-to-three-minute presentations, is remorselessly moved to what is more readily conveyed in that time frame—the violent, the adversarial, the tragic."

Neil Postman, a professor of communications and arts and sciences at New York University, and author of a new book, *Amusing Ourselves to Death: Public Discourse in the Age of Show Business*, has this to say: "What is not televisable doesn't exist on TV. What gets on the news are those things for which you have film footage. On top of that," he told *U.S. News and World Report*, "because television is entertainment, one has to keep the pictures moving; so you get thirty-five, forty-five seconds per story. Television is not the sort of medium that is very good at providing people with context. What it provides are fragments."

Tom Brokaw of NBC News contests the entertainment charge and replies, "It does little good to present information in a manner that will turn off or turn away the viewer. Print editors have the same motivation."

Yet television-news people themselves are aware of their deficiencies. Consider this full-page ad by an independent non-network

New York station: "Today news shows have become more and more like variety shows. Flashy sets, glib chatter, and personalities are the commonplace. Headlines are interspersed with punch lines. And facts with glitter. For that reason, the ten o'clock news has a team of newscasters, not a cast of characters."

Yet another show-business influence has crept into the broadcast media, blurring the line between news and entertainment. It is called the docudrama, which depicts real people and events but with a large measure of dramatic license.

A few years ago, for instance, ABC televised a miniseries called "Ike." In six hours of prime time, however, this docudrama utterly trivialized General Eisenhower's role in World War II by focusing on the following absurdly narrow question: Did he have an affair with his British aide Kay Summersby?

Similarly, the NBC miniseries "King," which dramatized the life and death of Martin Luther King, Jr., has been excoriated for inadequacies and misleading innuendoes. At one point in "King," President Kennedy and his brother Robert are shown confronting a crisis arising out of violence in the South. "What are we going to do?" asks the Attorney General. The President replies, "What we always do: nothing." Yet there is no evidence that any such conversation took place.

In the April issue of *Reader's Digest*, author Victor Lasky takes an in-depth look at this technique, which he contends confuses us by mixing up facts and fiction. The story is titled "TV Docudramas—'A License to Lie.'"

The third media problem area might be called out-of-sight, out-of-mind. One grim example is Afghanistan. While there have been some outstanding on-the-scene reports by both print and TV journalists, disclosures of Soviet atrocities in

Afghanistan fail to receive the full and constant attention they deserve.

For example, late last February the United Nations Commission on Human Rights issued a shocking report claiming Soviet and Afghan troops had killed more than 35,000 civilians in 1985. Press coverage was scant and spotty, to be charitable. Major newspapers ran brief accounts on inside pages despite revelations of widespread brutality by the communist forces. One section of the report tells of an attack against a village in Nangher Province:

"After a village search by tanks and soldiers assisted by helicopters, during which village people were killed, sixteen old people were tied up and put in helicopters. They were thrown out handcuffed from a height of about ten meters near the village, and as they were thrown out, ground forces shot at them. Five survived, one of whom managed to escape and observe the atrocities during this raid."

I am proud to tell you that John Barron, one of our most seasoned writers and author of two books on the KGB, has written about Afghanistan in our August and November issues. One article tells how the Soviets took a nine-year-old boy away from his family and trained him in Russia to be a terrorist. The other piece details the distribution of booby-trap toys that have maimed and murdered Afghan children. The plight of these youngsters, who have lost their hands and arms, breaks your heart. Claude Malhuret, one of the many French doctors who have courageously gone into Afghanistan to help the wounded, makes this key point in an article in *Foreign Affairs* that the *Digest* reprinted: "International public opinion would never accept such enormities if it were informed daily of the developments in Afghanistan. The Soviet need for secrecy explains why journalists are not allowed to travel around the country. Of course, some disregard this, but they are so few that their reports draw little attention. Compare, for instance, the amount of coverage on Afghanistan with that on the war in Vietnam."

Investigative reporting by *Reader's Digest* over the years has earned us both criticism and praise. When Phnom Penh fell to the communists in April

1975 and reports of massive atrocities began filtering out, few wanted to believe the scope of the killing. The *Digest* assigned two of its veteran reporters, John Barron and Anthony Paul, to find out everything they could about the situation in Cambodia. They interviewed some 300 Cambodian refugees in Thailand, France, and the United States, screening material meticulously. In February 1977 a condensation of their book, *Murder of a Gentle Land*, was published simultaneously in our editions around the world. While it set off an international outcry of condemnation, many leftists continued to dismiss the evidence, claiming it was exaggerated. Other observers, such as one of Britain's leading columnists, Bernard Levin, knew better. In his March 29 London *Times* column Levin wrote, "What I have seen described so exceeds in evil anything I have included in my articles on Cambodia, that I am compelled to present today and tomorrow further and more dreadful details of the pitiless wickedness visited upon a helpless people in the name of communism."

Later at *Reader's Digest*, we were paid an unexpected, but revealing compliment from a leading left-wing intellectual, Susan Sontag. Four years ago she appeared at a New York City rally and asked this question: "Imagine, if you will, someone who read only the *Reader's Digest* between 1950 and 1970, and someone in the same period who read only *The Nation* or *The New Statesman*. Which reader would have been better informed about the realities of communism? The answer, I think, should give us pause. Can it be that our enemies were right?"

That question, coming from Sontag, created an uproar because it put its finger on the reluctance of many people to face up to the true nature of communism.

Today we often see an unwillingness to face facts when it comes to Africa. The almost universal distaste we feel for apartheid in South Africa has apparently blinded a number of prominent newspapers to the other realities in Africa. It is as if there were an unspoken agreement among some journalists that oppression of blacks by whites is an outrage, while the same oppression by fellow blacks is barely newsworthy. Yet it is surely worth noting that

in most black African states, which have been independent for more than a generation, human rights have been flagrantly and consistently violated, that people have been imprisoned, tortured, and killed simply because they belonged to another tribe or held different political opinions from those of the ruling party.

Similarly, in Ethiopia, there is mounting evidence that the horrifying famine was, and still is, greatly exacerbated by the Marxist government's policy of forced agricultural resettlement and collectivization.

No greater challenge faces the press today than how it deals responsibly with terrorism. Reporters cannot ignore a terrorist act, such as an airline hijacking. But they must not play into the hands of killers who thrive on worldwide media attention. We should heed these words of Benjamin Netanyahu, Israel's ambassador to the U.N. and contributor to the forthcoming book *Terrorism—How the West Can Win*:

"Our present notions of terrorism are informed not by history but in large measure by the media. This is why terrorists, in their war against the West, devote so much of their strategy to using the Western press for their own purposes. But this need not succeed. Terrorism's reliance on the press and television of the democracies gives the media tremendous power not only to amplify terrorism's message but also to snuff it out. They can snuff it out. They can and should refuse to indiscriminately broadcast interviews with terrorists. They can and should expose the sham of terrorists' claims. They can and should expose terrorists' grisly acts for what they are.

"What the public has a right to demand of journalists is the same scrupulousness and professionalism, no more and no less, that they would show in the case of covering organized crime and its bosses. The proven power of a thorough press investigation to expose and to repudiate such corruption—indeed, to galvanize public opposition against it—is exactly the power that can be harnessed against terrorism. A thoughtful press can turn terrorism's greatest weapon against the terrorists themselves. This is the responsibility of the West's press." ■



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THESE WIZARDS WEAR TEE-SHIRTS

By Anne Diffily

In Young Sherlock Holmes, a stained-glass knight terrorized a priest. The Pixar team that produced the movie sequence included Eben Ostby and David Salesin '83.

Special effects in the movies have come a long way since the original King Kong lurched through Manhattan, or the Wicked Witch of the West melted into a steaming puddle at Dorothy's feet. When we plunk down five dollars at the multi-screen cinema today, we expect our fantasies to look real, from breakneck spaceship chases to cloud-shrouded planets populated by grotesque—but believable—aliens.

Our cinematic standards, in short, have soared, and filmmaker George Lucas is partly to thank. His Lucasfilm empire has been at the cutting edge of new film technology since *Star Wars* was released nine years ago. A sizeable number of young computer wizards from Brown has helped to keep it there.

In a cluster of modern office buildings in San Rafael, north of San Francisco, computer scientists wearing blue jeans and bright tee-shirts are inventing new ways to animate and to edit movies. San Rafael is hundreds of miles from Hollywood, and Lucas likes it that way. It is where he chose to locate Lucasfilm's corporate headquarters (Skywalker Ranch) and its postproduction component (known as Sprockets) following the success of the first two films in his *Star Wars* trilogy. Originally organized to support Lucasfilm's special-effects department, Industrial Light and Magic, the firm's computer division, has spawned two companies that are developing and marketing their inventions in the areas of computerized graphics and disc-based film and

soundtrack editing.

Graphics and animation are the products at Pixar, a company spun off from Lucasfilm last winter and now owned by former Apple wunderkind Steve Jobs. The company is named after the Pixar, a high-speed graphics computer developed by Lucasfilm scientists that produces images with more colors and better resolution than had been possible before, and in a fraction of the time, thanks to its four parallel processors. Five Brown alumni have worked at Pixar before and since its formal split from Lucasfilm: David Sal-

esin '83, who recently left to pursue a doctorate; Eben Ostby '79 Sc.M., Bob Drebin '84, H.B. Siegal '83, and Ronen Barzel '83, '84 Sc.M. Barzel, too, has left Pixar to get a Ph.D., but he spent the past summer working there.

Sleek offices across the street from Pixar belong to The Droid Works, home of EditDroid—a computerized film-editing machine that Lucas thinks will revolutionize the industry—and its younger sibling, SoundDroid, which simplifies the creation of a soundtrack. The Brown contingent here includes Kate Smith '84, Michael Rubin '85, and

Developed in part by Eben Ostby, Bob Drebin '84 (both at top), H.B. Siegal '83, and Ronen Barzel '83, Pixar's computer graphics aren't just for the movies anymore.





© 1986 PIXAR

This computer-generated unicycle is a single frame from an animation created at Pixar by Eben Ostby '79 Sc.M. and former Walt Disney animator John Lasseter.

Computer jocks from Brown are helping change the way movies are made

Michael Schantzis '84; they were joined during the summer of 1986 by intern John Blumberg '88.

Assistant Professor of Music Andy Schloss, who formerly taught at Stanford, has friends in Lucasfilm who took him to the annual company picnic at Skywalker Ranch last July 4. "I was amazed," he says, "to see such a convergence of former Brown students, and to observe their camaraderie. I'm sure no other institution was represented as heavily as Brown."

All of these alumni are young, most of them under twenty-five; and to varying degrees they were strangers to the filmmaking business when they were hired. "What did you know about the movies before working here?" a visitor asks Kate Smith. She replies wryly, "I went to them." The concepts the computer programmers work with daily are beyond the ken of mere mortals without advanced computer-science training. Yet the products themselves are as beguiling as toys, replete with joysticks and cartoon-like animated images and weird sound effects.

Twelve miles to the south, the Golden Gate Bridge is draped in fog and the air is moist and chilly. In San Rafael, the midday sun makes us blink, the sky arches blue over straw-colored hills, and the mid-eighties temperature conjures daydreams of sailing off Sausalito or sunbathing on a stretch of California sand.

Instead, we are ushered into a Pi-

xar office building by Bob Drebin, Eben Ostby, and Ronen Barzel. Around a corner and through a doorway is a windowless, darkened room filled with the paraphernalia of computer graphics: terminals, monitors, loops of wire, unfamiliar electronic gadgets, and taped to the walls, drawings and prints of computer-generated images. Ostby selects a tape, and on a monitor there appears a scene from the 1985 movie, *Young Sherlock Holmes*.

We watch the screen, where an elderly priest is lighting candles inside an eerily-lit church. Echoes in the cav-

ernous hall increase his apprehension and our sense of foreboding. Above him in a window, the stained-glass figure of a knight seems to glow suddenly. Then it twists itself free of the surrounding glass and leaps to the floor, brandishing a sword and advancing on the priest in a shimmer of moving prisms. Light reflects off the knight's segmented armor; through his "body" can be seen the interior of the church. His menacing movements seem human, not robotic. Terrified, the priest runs for his life, and toward his doom.

State-of-the-art editing equipment is developed at The Droid Works by scientists like Michael Schantzis '84 and Kate Smith '84. Michael Rubin '85, right, is in marketing.



BENJAMIN AILES

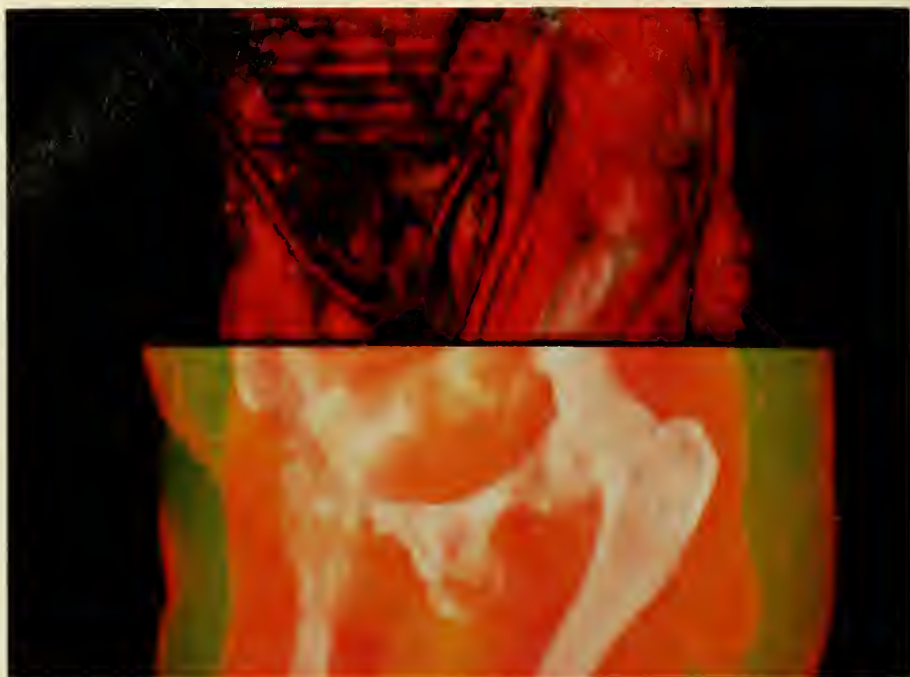
The screen goes blank; thirty-seven seconds have passed. "It took six months to create the knight," Ostby says matter-of-factly. In the process, Pixar made some cinematic history. The movie sequence was the first time that a computer-generated figure appeared in a scene in real space with a live actor, an achievement reminiscent of Disney's 1944 film *The Three Caballeros*, in which a cartoon character—Donald Duck—frolicked with real people on the screen. The *Young Sherlock Holmes* scene was also the first in which a computer image and filmed footage were combined electronically, using laser scanners.

Along with the since-departed Salasin, Ostby was a member of the team that produced this special effect. He works in animation research and development for Pixar; his tee-shirt, in fact, is emblazoned, "FESTIVAL OF ANIMATION 1986." He has worked closely with former Disney animator John Lasseter on other Pixar projects, including a ninety-second film called *Luxo Jr.* that wowed visitors to the annual convention of SIGGRAPH (Special Interest Group on Computer Graphics) held in Dallas in August. A one-page feature on *Luxo Jr.*, in which two desk lamps butt a rubber ball at each other with their shades, appeared in the September 1 edition of *Time* magazine.

Among the impressive components of that animated short, Ostby says, are realistic motion blur produced by the computer, as well as accurately-rendered shadows cast by three different light sources depicted in the film. Traditionally, Hollywood has used animation artists or modelmakers to provide such images for films. But even a few minutes of animation can require thousands of hand-drawn frames, incurring substantial expenditures of time and money, whereas Pixar can create the sequences in a few minutes.

Ostby is now the only Brown alumnus working for the animation research-and-development group at Pixar. Drebin, Siegal, and Barzel work in graphics research and development trying to "make the perfect image," Drebin says, using the most advanced computer technology.

"Originally we worked on replacing the optical film printer with a digital film printer," Drebin says. These printers, he explains, are used in the movie and television industry to put each special-effects component (such as stars, a spaceship, a planet) on each frame of a film. A digital printer was something



Bob Drebin and colleague Loren Carpenter used CT scans to create 3-D images of a pelvis. Bone appears white, muscle and organs are transparent red, and fat is green.

George Lucas thought would make special-effects models even more realistic in his movies—and indeed, it was used to "digitize" the stained-glass sequence in *Young Sherlock Holmes*, converting the actual filmed footage to the same computerized medium as the stained-glass knight, and seamlessly combining them in a series of high-resolution frames.

To turn a computer-generated image into a piece of film, the artist must mathematically describe each dot, or pixel, on the screen. This process could take weeks and even months for a film sequence lasting only a few minutes. Pixar, which is able to process 40 million instructions per second, can do in minutes what formerly took weeks.

When the company left the Lucasfilm empire, Steve Jobs bought a controlling share of stock and began encouraging the development of Pixar applications outside the film industry. Interest in Pixar's high-quality imaging system has come from such markets as the oil industry (for pre-drilling stratigraphy studies), geophysics, medicine, the military, and mapping.

Bob Drebin taps on a keyboard, and a computer monitor lights up with a rotating model of a human pelvis. Using forty-eight CT scans, he built a three-dimensional computerized model that displays a realistic view of the structure and musculature of that particular pelvis, and can be turned on the screen for 360-degree viewing. The image features what Drebin terms a "soft classification scheme," using hues

of pink, green, and white to indicate bone and various types of tissue. Another image shows a heart, pulsating as if with an actual heartbeat; a computerized "magnifying glass" can be moved around the screen to enlarge any particular area of the image, zooming in on problem spots.

According to an article in *Business Week*, most medical scanners display only two-dimensional images, and many of them are in black and white, which makes it difficult to discern details. Pixar has a range of several billion colors, and it was the first graphics computer, for example, to display transparencies, allowing a physician to see the skull underneath the skin in an image of the human head.

Drebin demonstrates other Pixar applications, bringing a series of vibrant pictures to the video screen and changing their orientation, their coloration, and their transparency with a few keystrokes. Although they've all worked on these projects for several years, he, Barzel, and Ostby peer intently at each image and marvel occasionally at the resolution, the realism of a shadow, or the accuracy of a reflection.

"There are always headaches in this kind of work," Drebin says, "but it's never boring. Officially, Pixar is open from 9 to 6 every day, but my workday yesterday didn't end until 2:30 this morning." Barzel estimates he gets in around 10 a.m. and leaves by 8 or 9 p.m. on a "normal" day. "When you're

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Graphics group: Where flashy art and science meet

The alumni at Pixar and The Droid Works are but a few who have found employment utilizing the skills they learned as part of the Brown Computer Graphics Group, a cadre of students that works with Professor of Computer Science Andries van Dam on graphics and animation research projects.

In the early 1960's, van Dam was one of the first computer scientists working in the field of graphics; in fact, he wrote his thesis on it in 1965. He founded SIGGRAPH (Special Interest Group in Computer Graphics) in 1967, when "everyone told me there was no need for such an organization." Today it has some 12,000 members and draws more than 25,000 people to its annual convention. Van Dam created a graphics research group when he began teaching here in 1965; always, he emphasizes, the group has had a mix of undergraduate and graduate students. Other faculty who are actively involved with the group today are Asst. Prof. John Hughes and Prof. Thomas Banchoff, both of the mathematics department.

In the graphics room at Gould Laboratory on Thayer Street, seventeen students—juniors, seniors, and graduate students—gather weekly to discuss their high-tech projects. On several of the high-resolution computer screens that line the room's walls, Sabrina Birner '87 displays different views of the soon-to-be-built Center for Information Technology that will occupy the corner of Waterman and Brook Streets near the Sciences Library. Working from architect's drawings, she and Ben Rubin '87, assisted by graduate students Ben Trumbore '86 Sc.M. and Paul Strauss '81, have modeled the new building and its existing neighbors so that they appear on the screen to be three-dimensional, in color and in scale.

This particular project involves



JOHN FORASTÉ

Students of Professor Andries van Dam (far left) explain their work on a film project during the weekly meeting of the graphics group.

others of the graphics group as well and will result in a film animation that includes a one-minute "fly-by" in which the viewer will seem to swoop around the building, then "walk" into the lobby and tour some of the interior. "The students are using all of the software the group has developed over the last three years," van Dam says of the film. "This is useful in two ways: We're able to pull together the software and shake it down; and the film will help people understand the building better than they could from looking at architect's drawings." (Construction of the new center is slated to begin this fall.)

In earlier years the graphics group included some sophomores; now only upperclassmen and graduate students can be accommodated. "The level of sophistication in the field has gone up," van Dam says. "Sophomores can't get into my graphics course [CS 224] any more. Really good students can get through the prerequisite chain of courses in time to become involved as juniors." While graphics, according to van Dam, lies outside the core of the computer-science concentration, his is one of the department's most popular courses. He would like soon to offer a graphics course at the undergraduate level.

"Graphics is flashy," van Dam says, explaining its appeal. "It incorporates a balance between technology and aesthetics." His graphics-group members are not all CS

majors: "Some of them come from the math and applied math departments; we've had some from music; and a lot of the students have backgrounds in art. I'm eager to bring in people who are not hard-core technology types."

The group includes one full-time researcher, Barbara Meyer '83, who is working on her master's degree in computer science. Trumbore and Strauss are the senior graduate students associated with the group.

Of the alumni at Pixar and The Droid Works, nearly all were in the graphics group at Brown: Barzel, Drebin, Greenfield, Ostby, Salesin, Schantzis, and Siegal. Some other alumni of the group who are employed in related fields are Roger Gould '84, Pacific Data Images; Mimi Soudan '85 Sc.M., Universal Studios; Lisa Heavey Evans '83, '85 Sc.M., Apollo Computer Inc.; John Crawford '75, Intel Corporation; Mark Vickers '81, Apple Computer; Trey Matteson '86, NEXT Inc.; Jerry Weil '83, '84 Sc.M., Bell Laboratories; Dave Taffs '75, '83 Sc.M., Charles Sorgie '74, '76 Sc.M., and Greg Lloyd '70, '74 Sc.M., all at Context Corporation; Lou Mazzucchelli '77 and Reed Fleming '77, president and vice-president, respectively, of Cadre Technologies; and four employees of Stellar Computer Corporation: Craig Mathias '75, Rob Gurwitz '77, '79 Sc.M., David Laidlaw '84, '86 Sc.M., and Jeff Vroom '86.

A.D.

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Eric Broudy

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June 5–19

Faculty: Lewis (Perry) Curtis, Professor of History. Cost: approximately \$2,995 per person double occupancy.

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This 14-day tour features Moscow, Suzdal, three nights cruising on the Moscow Canal and Upper Volga River, Leningrad, and Copenhagen. Faculty: Abbott (Tom) Gleason, Professor of History. Cost: approximately \$2,750 per person double occupancy.

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December 22–30

Three nights in Salzburg, four in Vienna – filled with music, a sleigh ride, Christmas services and a traditional Austrian Christmas dinner. Faculty: William Erney, Associate Professor of Music and director of the Brown University Chorus. Cost: approximately \$2,000 per person double occupancy.

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A program in Brown University's
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working on this kind of project," Ostby agrees, "you're in at all hours."

Last year Michael Rubin, a marketing analyst for The Droid Works, gave a career-information talk on business and entertainment for students at Brown. As John Blumberg recalls it, Rubin spoke about "what it's like in the real world." This description gets a laugh from both young men and two of their colleagues, Kate Smith and Michael Schantzis, all of whom are sitting at a polished oak table in a conference room at The Droid Works offices.

"The atmosphere is more businesslike now," Smith says of the company, which like Pixar grew out of Lucasfilm's computer division. As project director for EditDroid, Smith supervises programmers on the computerized film-editing machine, which leases for \$2,500 a week and sells for about \$150,000. Now that it's not just a freewheeling R-and-D department within Lucasfilm, The Droid Works has had to get a little more serious and adopt a marketing attitude. "When I started here two years ago," Smith says, "we were still doing research and it was like being at school—we had endless fun."

A more businesslike strategy, however, has not meant a change in dress code. "You can wear jeans, and that's important," says Rubin. "The computer industry is like that," explains Schantzis. "When I interviewed here, I was the only one not wearing a tee-shirt."

The Droid Works's two current products, EditDroid and SoundDroid, have their origins in George Lucas's hopes for modernizing the film industry. Their names derive from the word android, meaning an automaton with a humanlike form. Viewers of Lucas's Star Wars trilogy affectionately recall such fantasy-droids as little R-2D2, a beeping, trilling canister on wheels; and his pal C-3PO, a space-age fussbudget with a British accent.

EditDroid was born of Lucas's belief that there must be a better way to edit film—better, that is, than the process that has been used since the dawn of the movie industry, in which an editor views film through a miniature projector, snips out sequences, rearranges them, and glues them together end-to-end. Splices are known to fail, and sprocket holes in the miles of film that comprise a feature-length movie can tear at crucial junctures. "It's like writing a book by cutting out clippings from newspapers and pasting them

down," says Rubin. As Lucas told *Discover* magazine two years ago, "Anybody who's worked with film realizes what a stupid nineteenth-century idea it is."

The twentieth-century version of film editing as envisioned by Lucas can be experienced by sitting at the curved EditDroid console in a small room at The Droid Works. Black and streamlined, and endowed with three separate screens and a control panel featuring various buttons, knobs, and switches, the machine can work with filmed footage in any format—film, tape, or disc. *Star Wars's* Han Solo in the cockpit of his *Millennium Falcon* had nothing on John Blumberg, who has put an episode of the TV series, *The Twilight Zone*, into EditDroid for a demonstration.

"This is your source monitor," he says, pointing to the screen on the left. It displays the actual footage the editor will work with. The center screen is where that footage is manipulated—clipped, "spliced" digitally, speeded up, slowed down, and so on. The right-hand screen displays an electronic logbook, similar in format to actual printed log sheets used by editors to create lists and descriptions of each sequence.

The actual splicing of the film or tape, Blumberg explains, will still be done using the original medium; EditDroid allows the editor to record exact frame numbers so that only the final cuts and splices need be made—no preliminary snipping and rearranging jeopardize the film or the editor's piece of mind. "EditDroid gives you creative flexibility," Blumberg says, watching a car speed down a road in nighttime darkness in the *Twilight Zone* episode unfolding on the screens. He stops the sequence and shows how to indicate a "cut," speeding up the film to another sequence and inserting the earlier clip.

Blumberg, a computer science major, has been helping Rubin do these sorts of demos on the EditDroid as part of his summer internship at The Droid Works. He admits his is one of the world's most amazing summer jobs, combining his academic and career interests in a desirable setting. "I'm interested in the film industry," he explains, "and I did an internship with WPRI-TV in Providence last year, editing film. I sent Lucasfilm my resumé and offered to work for free this summer; after I got here, they started paying me."

Schantzis and Smith landed their jobs at Lucasfilm after getting computer-science degrees at Brown and work-

ing with Professor Andries van Dam's computer-graphics group (see sidebar), a magnet for computer whizzes whom Rubin terms "like Computer Green Berets—they're kind of mystical at Brown." Schantzis had done animation work at Brown and originally worked at Lucasfilm with many of the people now at Pixar; he is involved principally in a newer Droid Works product, SoundDroid. Smith was attracted to Lucasfilm because she did not want to work in a defense-related industry, nor in the Silicon Valley or Boston high-tech areas. "There is more opportunity here than at a larger company, too," Smith says. "After two years, I'm a manager, and Mike [Rubin] is in charge of marketing after only a year."

"This is a small place," says Rubin, a go-getter dressed stylishly in pleated slacks and sporting a neat black beard. "You can do a lot of different things." He heard about the Brown crowd at Lucasfilm before graduating in 1985, started bombarding the personnel office with inquiries, and was advised he could come to work for the summer. A semiotics major, he drove out and immediately began working closely with the vice president for marketing at The Droid Works, who since has left. Rubin is in his second year there now, and he has done many demonstrations of both EditDroid and SoundDroid for potential customers, spending a good deal of time in Los Angeles with film and television directors.

He also has hosted some distinguished visitors—musicians and movie people such as Stevie Wonder, Barbra Streisand, Herbie Hancock, and the Grateful Dead. "Stevie was interested in using EditDroid on his video for *In Square Circle*," Rubin says. "He's a genius in using sound, and he obviously wants to have the highest level of available technology."

Despite its appealing features, EditDroid has been slow to catch on in the entertainment industry. To date it has been leased mostly by firms that produce episodic films for television. "Getting a Droid is scary," Rubin says. "It's complex—it's not just a one-person decision." Film editors must be trained on EditDroid, and many of them are less than enthusiastic about the idea.

"They've never seen a computer," Rubin explains. "They're two years from retirement and the producer says, 'Here's the guy to train you. You have three days until shooting starts.' The

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THE CLASSES

By James Reinbold

Full-time 'hobby'

What began as a hobby has turned into a full-time business for **Ed Rich '38**, a retired engineer in Lebanon, Connecticut, who is known as the "Bean Hill Whittler." Ed was featured recently in two newspaper articles.

He has carved a fifty-inch eagle out of Honduras mahogany, a twenty-six-inch dragon head, and a three-foot-long mahogany eagle that decorated President Nixon's Air Force One. The original eagle, "Spirit of 1776," was given to the former President in August 1973. When Nixon resigned, he took the eagle with him. "After Ford took over," Ed said, "they wanted another one, so I was commissioned." The second eagle still hangs in Air Force One.

Ed's biggest project to date has been a five-piece mahogany plaque and mainboards, "Lord Rumbottom's Resting Place," for the Tropical Reef Resort in Islamorada, Florida, where it will adorn a thirty-by-forty-foot catamaran used as a restaurant. His work can be seen from Honolulu to Maine, on ships, in private homes, businesses, and schools; and he often has a backlog of as many as a dozen projects. "I should retire," he says, "but I like doing this too much."

Looking for cougars

If there are any cougars roaming the wilds of western Massachusetts, it seems only fair that **Virginia Fifield '76** have the opportunity to spot one. For nearly five years, since she came to New England on a vacation trip and stayed, she has researched the cougars, which are said to have vanished from the area more than 125 years ago. In five years she has not seen a single cougar, nor does she have any conclusive evidence that they exist; but she is not giving up. "I'm not trying to prove they are here," she said in an article in the *Greenfield* (Mass.) *Recorder*. "I'm trying to determine whether or not they exist here. There's a world of difference. I've always tried to keep an open mind. But

I'm fascinated by the cougars."

A grant from the Worcester Science Center that supported her and her study for two years has expired, and she has applied for another grant. "My study is based on the premise there's no reason why they shouldn't be here. We have the habitat. Other animals are coming back. The deer herd is holding its own. My feeling is that cougars can survive here. All I want is proof."

The best cougar report came this past winter from an elderly woman who said she saw one walking a stone wall near her rural home in western Massachusetts. As always, Fifield hurried to the area, but by the time she arrived snow had begun to fall and any tracks or signs were covered.

Fifield has a life-long fascination with animals. When she was in high school, her father, who was associated with the Milwaukee County Zoo, brought home an orphaned cougar cub. Fifield cared for it for three years, developing a bond with the cats that continues today.

She studied animal behavior at Brown and ultimately returned to Milwaukee, where she was counseling runaway teenagers when she took the 1981 vacation trip to New England. She is now working for a Belchertown, Massachusetts, veterinarian while living not far from the Quabbin Reservoir, an 80,000-acre wilderness that has been one of the chief areas of cougar reports.

As fit as the President

David Davidson '33, '34 Sc.M., '37 Ph.D. is seventy-five. For sixty years he has been on insulin. "At our American Diabetes Association [ADA] meetings we stand up and introduce ourselves and say how many years we've had it. When I told people, they all gasped," Davidson said in an article published in his hometown newspaper, the *Arlington* (Mass.) *Advocate*. Trained in chemistry and biology, he was chairman of the chemistry department at Brandeis Medical School until 1945, when he left

to do chemical research at the Esselen Research Corporation. Later he did optics and engineering research at Technical Operations Company until his retirement in 1975.

Davidson's scientific, orderly nature has helped him in following his regimen of exercise and careful eating habits, which he believes has prolonged his life. "I do all my own cooking. I cook large amounts and pack them in weighed amounts and then store them in the freezer." After he eats, he exercises to help store glycogen in his muscles. "I try to keep as many muscles good as I can. I think I'm as fit as President Reagan."

Davidson, who attends monthly meetings of his local ADA chapter, has made the best of his ailment. Measuring out his food rations, taking his insulin shots, and exercising are time-consuming but necessary. "Patience is a very important thing to cultivate within yourself as well as in other people," he says. "I have to live my life in a regimented fashion, but it's worth it. If I do what I have to do, I can be a worthwhile citizen."

NOTES

21 Toward the end of last year, **William T. Brightman, Jr.**, president of the class, sent a letter to the members of the class about a possible 65th reunion. As a result, four members—two from Rhode Island and two from Connecticut—met at Maddock Alumni Center on May 25 for "two or three hours of joyful recollections of the good old days and review of Brown's growth and the deserved popularity of recent times. Next was an excellent dinner at the Faculty Club and more discussion of Brown's past and future. There was even sentiment that, the Lord being willing,

we should have a return performance in 1987."

24 Class Chaplain **Gordon E. Bigelow** reports from his home in Portland, Maine: "I have been having 'circulation problems' but my health is now improving and I am in good spirits."

26 **Elmer R. Smith** '26, '26 A.M., Saunderstown, R.I., was honored by Johnson & Wales College with the creation of the Elmer R. Smith Chair in Communications in recognition of the ten books, numerous magazine articles, and current newspaper columns written by Brown's Professor Emeritus of Education.

27 **W. Wyeth Willard** '27, CDR, CHC, USNR (Ret.), was the keynote speaker during Recognition Weekend, a special July ceremony honoring Massachusetts men and women who served in the Navy, Marine Corps, Coast Guard, and Seabees, and veterans who served on ships of Massachusetts. Wyeth, who lives in Forestdale, Cape Cod, Mass., serves as chaplain of several local organizations and works with various charitable associations. Camp Good News, a non-denominational religious camp that he established in Sandwich, observed its fiftieth anniversary in 1985.

28 Twenty-one members, wives, widows, and friends of the class met for luncheon at the Squantum Association dining hall on the Saturday before Commencement. Most of us came from an area close to Providence, but **Nelson Jones** and **Roger Scott** came from Cape Cod and New Hampshire, respectively. **Ritchie Stevens** had planned to come, but last-minute problems made him change his plans. The rest of those at our 58th consecutive reunion—"mini" though it may have been—were **Francis Armington** and **Justine, Earl Bradley** and **Carolyn Waller, Richmond Carpenter** and **Evelyn, Jesse Eddy** and **Connie, Leo Goldberg** and **Ruh, Ed Howell** and **Dorothy, Ed Grout, Copeland Setchell, Alma Brownsword, Barbara Calder, Loretta Cleaves, Betty Frederick, and Martha Owen.**

Francis Armington

30 **Maurice W. Hendel**, a Pawtucket, R.I., lawyer, was honored in June by the Portuguese American Business Association of Fall River, Mass., for his work with former Rhode Island Senator **John O. Pastore**, who sought legislation to assist in the relief for the victims of an earthquake on the Island of Faial, Azores, in the 1950s. Dr. Joao Bosco Mota Amaral, president of the Azorean Regional Autonomous Government, was the guest speaker. Maurice has served as parliamentarian for the Rhode Island Senate and a consultant for the home rule charter in several Rhode Island cities and towns. A former president of the Temple Beth El in Providence and a corporator of the Jewish Home for the Aged and the Jewish Family Service Agency in

Rhode Island, he is an active member of the Masonic organization.

33 The women of '33 held their annual mini-reunion on May 23 at the Marriott Hotel in Providence. Present were **Betty Tillinghast Angell, Jessie Barker, Edith Smith Cameron, Helen Campbell, Ruth Wade Cerjanec, Mabelle Chappell, Vivian Cote, Sylvia Kazin Cowlett, Katherine Hazard, Elizabeth Partridge Green, Billie Shea McClurg, and Ethel Lalonde Savoie.**

Betty Tillinghast Angell, Cranston, R.I., is a volunteer history teacher for fourth graders at the Joy Homestead in Cranston, where children learn how people lived during the eighteenth century by candle-making, rug-braiding, combing, and spinning. The program runs in the spring and fall. **Edith Smith Cameron**, Barrington, R.I., is a literacy volunteer and also assists the reading teacher at Barrington High School.

Sylvia Kazin Cowlett has changed her address from Cincinnati to 380 Lloyd Ave., Providence 02906.

Anna Russo Fedeli's granddaughter, **Sara**, was married on June 14. She is a graduate of Emory University and is employed by the First Atlanta Corporation. She and her husband, **Robert Owen Calvert, Jr.**, live in Atlanta. Anna lives in Warwick, R.I.

Katherine Hazard, Cranston, R.I., a descendant of Roger Williams, participated in the R1350 ceremonies at Roger Williams Park in June, part of the celebration of Rhode Island's 350th anniversary. Her entry was selected to be placed in a time capsule to be opened in fifty years.

Gladys Burt Jordan, Bay Harbor Islands, Fla., writes that she and her husband, **Arthur**, lived for three months in the West Greenwich Village apartment of her daughter, **Valerie**, a vice president at Chase Manhattan, in New York City, while she was in Switzerland on bank business this past summer.

Helen Mulvey, professor of history emerita at Connecticut College and an authority on the history of Ireland since 1700, recently spoke at the University of Rhode Island on "The Anglo-Irish Agreement of November 1985." She lives in New London, Conn.

Marian Rosen Tenenbaum, Providence, was snapped by a *Providence Journal* photographer at the Campus Dance in May as she danced with **Herman Feinstein** '16.

Marion Warren Westberg's daughter, **Joanne**, was married on May 29 to **Carl A. Brakenwagen**. Joanne is employed by the state Department of Children and Their Families in Rhode Island. Marion lives in Providence.

39 **David Landman**, Chicago, Ill., is still editing. He recently edited a book on occupational therapy, and is now editing one for the University of Illinois Hospital.

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40 Robert T. Handy, Cresskill, N.J., retired from Union Theological Seminary, New York City, in June, after thirty-six years of service. He is now Henry Sloane Coffin Professor Emeritus of Church History. In May, he was awarded an honorary D.D. by Wake Forest University.

44 Isabel Howard Alexander, Lindsay, Okla., will retire from teaching next year.

Shirley Buckingham Allen is enjoying retirement at Hilton Head Island, S.C. She spends summers in Fairhaven, Mass.

Donald W. Baker (49 A.M., '55 Ph.D.), Crawfordsville, Ind., Milligan Professor of English and poet-in-residence at Wabash College, was one of two Indiana writers featured at the Fall Literary Festival, Oct. 4 and 5, in Indianapolis. His poetry and short fiction have been widely published, and he is the author of three volumes of poetry, including *Unposted Letters* (Barnwood, 1985). Between 1976 and 1986, he was director of the Great Lakes Colleges Association's New Writers Awards competition, and in 1974 he received a fiction fellowship from the National Endowment for the Arts. Don has been at Wabash, a private liberal arts college for men, since 1953.

Dorothy Bornstein Berstein, Pawtucket, R.I., writes that her daughter, Rose Sue, is with the U.S. Mission to the United Nations, after four years in the American Embassy in Tel Aviv. David is in Cambridge, Mass., a "legal eagle" for a bio-tech firm, and Jane is an art therapist at a state facility in Vineland, N.J.

Doris Loebenberg Brown is still working as a school psychologist in White Plains, N.Y. She has three grandchildren.

Betty Heiden Froelich, New York City, has a grandson a year old. Another grandchild is due shortly.

Sylvia Weare Hugo and her husband, of Norfolk, Va., are enjoying retirement and make several trips to Florida and California to see their children and grandchildren. Their youngest son was married in Arizona this past summer.

Irving R. Levine, NBC News's chief economic correspondent, was the keynote speaker at the June meeting of Junior Achievement of Rhode Island in Providence. A graduate of Columbia University Graduate School of Journalism, he began his career with the *Providence Journal-Bulletin*, then went on to join NBC news in 1950 as a foreign correspondent. During the administrations of four Presidents, he has reported and interpreted the nation's economic developments. In addition to his broadcast schedule, he has written four books, contributed numerous articles to national magazines, and lectured frequently.

Flora Hall Lovell, Scotia, N.Y., is still teaching high school math, but hopes to retire in another year. Her youngest son, Matt, was married last summer at Cuttyhunk, Mass. Her youngest daughter is working in Providence. She has six grandchildren.

Columba Simeone Mathieu and her husband attended his medical school reunion in New Haven in June. They have six

grandchildren; the youngest was 4 in September. Columba is working part-time as a nurse in a weight-loss clinic in Yakima, Wash.

Phyllis Bidwell Oliver, Hartford, Conn., has a new grandson, Corey. She and her husband attended an Elderhostel in Maine this past summer.

Natalie Gourse Prokesch visited two of her nine grandchildren in Chicago last May. She lives in New London, Conn.

Jan Hallock Patrick, Salinas, Calif., has been teaching kindergarten for twenty-six years.

For the first time in ten years, **Barbara Orkin Rogers** writes, she is without a job. In May, she visited her daughter, **Jane Rogers Black** '69, and grandson, David, 9, in Connecticut; and her daughter, **Elisa Rogers Legg** '75, and grandson, Robert, 17 months, in New Jersey. Her son, Thomas (Berkeley '81), lives in Washington. Barbara lives in Belvedere, Calif.

Miriam Norberry Schofield is working as a nursing supervisor with the health department in Miami. Her oldest son is attending New College in Sarasota. Christopher will graduate from the University of Rhode Island in the fall. Sarah is married and has provided the only grandson, William Ray Turner. Mim spent three years in Nigeria and ten in Iran through the revolution. Her plane was the last to leave before the airport was closed for the Shah's departure.

D.J. Linton Snyder and her husband went on a Western trip from mid-June to mid-July. In August, they sold their Summit, N.J., apartment, and spent September in Manchester, Vt. They plan to spend the winter in Naples, Fla.

Virginia Siravo Stanley writes that she keeps very busy selling real estate and managing her income tax and accounting business in Vincennes, Ind.

Margaret Wilson Weed, San Diego, Calif., writes of a busy year. Her mother died on the morning of Commencement 1985. Her husband, Bob, retired at the end of July, and her daughter, Betsy, married Carlos Betanzos in early September. They rent a little house on the coast of Mexico just south of Tijuana, and Betsy teaches sixth grade at San Ysidro (Calif.) Middle School. Last fall, Margaret and Bob spent two weeks in southern New England.

Anne Maven Young has just welcomed her seventh grandchild. Her husband, **Howard** '48 Ph.D., is now serving as director of research at the Tennessee Eastman Company in Kingsport, Tenn.

45 Olga Joannidi Antoniou, North Providence, R.I., has been appointed assistant to the director of the Rhode Island Division of Children and Their Families.

Samuel T. Arnold, Pennington, N.J., was one of 120 Paine Webber brokers nationwide named to the firm's president's council. He is a vice president and investment executive in the firm's Princeton office. He joined Paine Webber in 1952.

Mary-Lucille Lafono Bonte, Stuart,

Fla., writes that on March 22 "we lost our oldest son, Arthur, after he waged a heroic but futile battle to regain his health."

In June 1986, **Charles W. Briggs, Jr.**, successfully defended his New England Men's 60 and Over tennis title at the Woburn (Mass.) Racquet Club. Charlie has now won this New England Super Senior Championship three of the past five years. He lives in Providence.

Dr. Shirley M. Gallup retired in June 1985 after twenty-seven years at Northampton (Mass.) State Hospital. She is now working part-time as a psychiatric consultant. She lives in Florence, Mass.

Jean Silliter Hall has a new address: 5780 West Cedar Hill St., Dunnellon, Fla. 32630.

Jane Cooke Harris, Madison, Conn., exhibited at the Mill Gallery, Guilford, Conn., last summer with eight other women artists in a group called Etcetera, Etc. The show consisted of fifty collages they had all worked on over the past two years. Jane says it was a "very unusual show."

Emily R. Poynter, Shelbyville, Ky., writes that her great niece, **Betsy Boyd Sandberg**, of Durham, N.H., graduated from Phillips Exeter Academy on June 1 and is a freshman at Brown. "She is interested in sports medicine. Her records are far superior to her great aunt's."

Marilyn Dursin Ring has returned home after "six delightful months living in England while my husband was on a consultancy." Her address is 5540 Radcliffe Rd., Sylvania, Ohio 43560.

Leslie Miner Taylor, Grantham, N.H., has nine grandchildren. The youngest, Mary Elizabeth, is attending George Washington University.

46 Dr. Jose Delgado, has been appointed to the St. Luke's Hospital (New Bedford, Mass.) medical staff. Certified by the American Board of Psychiatry and Neurology, he is a member of the Massachusetts Medical Society, the American Psychiatric Association Society, and the Academy of Psychosomatic Medicine. He has spent the last several years developing a multi-disciplinary psychiatric practice in New Bedford. He lives in Marion, Mass.

48 Rupe Austin, Jr., Simsbury, Conn., retired from the management group of Huyck Corporation in May and is now serving as a management consultant for Sybron Chemicals, Inc. "Doris and I are excited about our new little granddaughter, Katie Beck. Doris is president of the Simsbury Women's Club, while I take great joy in serving the Lord as a Methodist lay speaker."

Jim Babcock, Glastonbury, Conn., has joined Holidays Unlimited, a travel agency, as sales manager. He recently took early retirement from International Fuel Cells, a United Technologies affiliate in South Windsor, where he was a marketing manager for UTC's Fuel Cell Operations and traveled extensively throughout the U.S. The

travel agency is owned by Jim's brother-in-law.

Robert F. Conley, branch manager of Amica Mutual Insurance Company's office in Syracuse, N.Y., has been promoted to regional vice president. He joined the company in 1949 as an adjuster and has been in the local office since 1954.

49 Samuel M. Genensky ('58 Ph.D.) has been named trustee emeritus of the Southern California College of Optometry in recognition of his fifteen years of service on the organization's board of trustees. He has been working with the Rand Corporation for twenty years and was responsible for the development and enhancement of closed-circuit television systems for use by the visually impaired. A resident of Pacific Palisades, Calif., he is a director for The Center for the Partially Sighted in Santa Monica.

50 Lester R. Allen, Jr., Simsbury, Conn., has been named public relations committee chairman for the Greater Hartford Chapter of the American Red Cross. He is president of MARCOM/Public Relations in East Windsor and is an active member and past president of the Connecticut Valley Chapter of the Public Relations Society of America as well as the legislative affairs chairman for the Connecticut Business and Industry Association.

Edna Graham Anness has been selected for membership in Omicron Nu, a home economics honor society at the University of Rhode Island. Edna is a graduate student majoring in historic textiles in the department of textiles, merchandising and design. She is a resident of Rumford, R.I., and during the summer owns and operates Rumford Antiques in West Dennis, Mass.

C. James Colville, Jr., has been named second vice president/financial consultant by Shearson Lehman Brothers of Portland, Maine. He joined Shearson in 1967. A resident of Sanford, he is a member of the Rotary Club of Sanford-Springvale, where he served as president in 1972-1973, and a past president of the Sanford-Springvale YMCA.

Robert B. McConnell retired from the federal civil service and moved to England with his family in August. "I met my wife there nineteen years ago as a civilian employee soon after France gave all other NATO forces the boot. I am forever indebted to Charles DeGaulle." Robert's address is 14 Burwarton, Bridgnorth, Shropshire WV16 6QQ, England.

Robert J. McDonough, Hingham, Mass., has joined the Boston-based law firm of Widett, Slater & Goldman as counsel. Formerly a partner at Herrick & Smith, McDonough is currently director of the graduate tax program at Boston University. He has been a special attorney with the Internal Revenue Service, professor of law at New York University, editor of the *Tax Law Review*, president of the Federal Bar Association of Massachusetts, and chairman of the Boston Bar Association Committee on Continuing Education. In addition, he has lec-

tured at universities, the Practicing Law Institute, and before numerous bar associations.

51 Robert W. Murray, Curator's Professor of Chemistry at the University of Missouri-St. Louis, had his grant from the National Institutes of Health (NIH) renewed last spring. His research, "Ozone Chemistry and Chemical Carcinogenesis," is directed at the nature of the atmospheric oxidation reactions found in urban—or photochemical—smog, and determining whether there is a cause-and-effect, or merely incidental, relationship between the greater incidence of cancer in urban areas and the presence of photochemical carcinogens. He joined the UMSL faculty in 1968 and was named the university's seventh Curator's Professor in 1981.

52 Sally Hill Cooper, state director of rail and public transportation in Virginia, was one of 165 people nationwide to gain membership into the American Institute of Certified Planners. The program is a national effort to recognize key professionals in various specialties of the planning field. She lives in Richmond.

54 Pat Collins, Branford, Conn., won a Tony Award for her lighting of *I'm Not Rappaport*, the successful Broadway play originally starring Judd Hirsch and Cleavon Little.

55 Jim Corbridge, acting vice chancellor for academic affairs at the University of Colorado, Boulder, has been named chancellor of the campus. The appointment, for a three-year term, became effective on July 14. As chancellor, the top executive position in the Boulder campus administration, Jim says he plans to continue to expand the multidisciplinary areas of space sciences, artificial intelligence, and biochemistry; and to bolster the student educational experience, especially at the undergraduate level. A law professor, he has held several administrative posts at CU, including vice president (1970-74), vice chancellor for academic affairs (1974-77), and vice chancellor for academic services (1979-81). He joined the law faculty in 1965 and is a nationally recognized expert in water and mining law.

56 George Kirkpatrick was recently named to the Florida Advisory Board of Carteret Savings Bank, which operates eighty-nine branch offices in New Jersey and Florida. A senior vice president at Paine, Webber, Jackson & Curtis, George was formerly senior vice president at Prudential-Bache Securities and has been involved in the investment industry for thirty years. He lives in Gulfstream, Fla.

57 Donald W. Arsenault, president of Executone Telecomm Inc., Jacksonville, Fla., was honored at an awards banquet sponsored last spring by *Inc.* magazine. Executone is listed as one of

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Donald R. Klein has been appointed employment manager for Lockheed Electronics Company, Plainfield, N.J. In his new position, he will be responsible for recruiting and hiring salaried and hourly personnel. Donald joined LEC in 1984 as a senior employment representative. Prior to that, he was a principal in an executive recruiting firm and earlier held management positions in human resources with Pullman Kellogg Company. He was dean of students at Columbia University's School of Engineering from 1969 to 1975. He is a member of the National Management Association and of several civic organizations in Yonkers, N.Y., where he resides.

58 Barbara Ann Scott is currently a visiting scholar at the Center for Defense Information in Washington, D.C., while on leave from the State University of New York College at New Paltz. She is writing a book on the role of women in the struggle for a world without war and helping to coordinate CDI's women's agenda. During the last two months, Barbara has been staying at the home of **Betsy Froehlich Hill**, 12105 Linden Ln., Bowie, Md. Barbara's mailing address is: c/o Center for Defense Information, 1500 Massachusetts Ave. NW, Washington, D.C. 20005.

59 Stephen A. Diamond, formerly a senior advisor in environmental affairs for Exxon Chemical Company, has joined Environ Corporation of Princeton, N.J., as a senior engineering advisor. Environ is a scientific and regulatory affairs firm providing multidisciplinary consulting services in human health and the environment to the private and public sector. Steve will continue to reside in Livingston, N.J.

Richard Foreman, New York City, won an Obie Award for his direction of the off-Broadway play, *Largo Desolato*, by Vaclav Havel.

60 Richard E. Benson, Cumberland, R.I., has been named executive vice president for the Corporate Banking Group at Citizens Bank. He had been a senior vice president of the group since 1977. Active in the Rhode Island Lung Association and the Industrial Foundation of Rhode Island, he is also a senior associate member of Robert Morris Associates and a director of the Business Development Company. He joined Citizens Bank in 1964 after four years with Guaranty Bank & Trust Company of Massachusetts.

Ann Griswold Campbell, Gloucester, Mass., exhibited her collages at the Trustman Art Gallery, Simmons College, Boston, last April. She has had her work shown in Gloucester for the past eleven years and in the Sudbury area prior to that.

62 Robert P. Hughes recently accepted a position with North American Specialty (NAS) Insur-

ance Company as personal lines vice president. NAS is a newly-formed subsidiary of the Swiss ReGroup and will specialize in the group marketing of personal auto and homeowners insurance. Offices are located in Manchester, N.H., and Robert will be setting up his residence in nearby Goffstown. He adds, "I received my CPCU designation in 1984 and have held previous positions with The Home and INA. My daughter, Candice, graduated from Mount Holyoke in June and will be attending medical school at Boston University. My son, Christopher, entered American International College in the fall."

63 Jean Amatneek Dowdall (72 Ph.D.) has been appointed vice president for academic affairs at Beaver College in Glenside, Pa. Since 1982, she has been dean of the faculty of arts and sciences and professor of sociology at West Chester University. Previously, she had been executive assistant to the president of Buffalo State College, as well as associate professor of sociology. She has received a number of grants supporting her research in sex role determinants, labor force participation, and the role of women in higher education.

64 Joyce Leffler Eldridge, West Newton, Mass., is director of public relations for Hebrew College in Brookline and the Bureau of Jewish Education of Greater Boston. She and her husband, Larry, sports editor of *The Christian Science Monitor*, have three children. "Nicole, 13, studies at The School of American Ballet in New York City and the Boston School of Ballet and twice danced the lead of Clara in Boston Ballet's annual production of *The Nutcracker*. Ross, 11, two-time Massachusetts elementary chess champion, has recently turned his attention to acting; this summer playing 'The Artful Dodger' in the Carousel Theater Company's production of *Oliver*. Robin, 6, not to be denied her spot in the limelight, traveled to Paris in September with the American Repertory Theater of Cambridge to recreate the role of 'Young Daughter' that she played during the 1986 season in Robert Wilson's production of *Alceste* at the French Festival of Autumn. Until our 1980 Buick died this spring, we had two cars that had totaled more than 250,000 miles, most from chauffeuring the kids to one rehearsal or performance or another. But the children have also afforded us some unusual travel opportunities: this year to Paris and last summer my husband accompanied Ross to Iceland where Ross, then fourth-ranked 10-year-old chess player in the nation, represented the United States on the Collins' Kids U.S. Junior Chess Team."

Richard Karl Goeltz has been appointed by the board of directors of The Seagram Company Ltd. to the position of executive vice president, finance. He was vice president, treasurer, and controller, having joined Seagram in 1970 after working for Exxon Corporation. A graduate of Columbia ('66 M.B.A.), he studied at the London School of Economics and at New York Uni-

versity, and has published a number of articles and studies on international finance, including several for the Group of Thirty. Richard lives in New York City.

Jo-Anne Palumbo Vaughn, her husband, Tony, and three daughters have been living in La Paz, Bolivia, for the last two years. Both work at the American Embassy — Tony as cultural affairs officer, Jo-Anne as community liaison coordinator. Later this year they are to be transferred to Singapore.

65 Robert W. Egan has been named associate director for allergy research of Schering-Plough Research, a division of Schering-Plough Corporation, Madison, N.J. Previously, he had been section director of biochemistry at Parke-Davis, a division of Warner-Lambert, Ann Arbor, Mich., and had been employed at Merck & Co., Rahway, N.J. He earned his Ph.D. in chemistry from McGill University in Montreal and completed additional study at Johns Hopkins University. He is a member of the American Chemical Society, American Society of Biological Chemists, and American Chemical Society, Division of Medicinal Chemistry.

J. Michael Lenihan, an English and American studies teacher at Scituate (R.I.) High School, will be running for his fifth term as a town councilor of East Greenwich, R.I. A Democrat, he served three terms from 1974-1980 and was reelected in 1981. He has sixteen years of experience serving on various town boards and commissions and the council. He lives with his wife, Patricia, and daughter, Meghan, in East Greenwich.

Robert S. Pace writes: "Following a year as a senior watch officer in the State Department's Operations Center, I've now begun a two-year assignment as the senior Turkish Desk Officer." He lives in Washington, D.C.

66 Comdr. David G. Houghton (see note about **Linda Erikson Houghton** '67).

67 George E. Cook has been promoted to manager of editorial projects in the public affairs department of the Prudential Insurance Company in Newark, N.J. He joined the eastern home office in 1973 as a staff writer in the public relations and advertising department. Before his most recent promotion, he was editor. George received his master's in journalism at Syracuse University in 1969. He lives in Bridgewater, N.J.

Susan E. Geary ('74 A.M., '76 Ph.D.) and **Jose Amor y Vazquez** ('52 A.M., '57 Ph.D.) were married at the Brown Faculty Club on July 19. Susan is the associate director of the Brown Annual Fund, and "Pepe" is a professor of Hispanic studies at Brown.

Jeffrey S. Goldman, a partner of Fox and Grove of Chicago, Ill., was moderator for a discussion entitled "Employee Terminations," part of the program of the Employer-Employee Relations Committee at the American Bar Association's Tort and Insur-

ance Practice Section (TIPS) annual meeting in New York City in August. He has served as the vice chairman of the Employer-Employee Committee and the Insurance Regulation Committee of the ABA. Jeffrey lives in Northbrook, Ill.

Linda Erikson Houghton, Virginia Beach, Va., writes that her husband, Comdr. **David G. Houghton** '66, USN, "just finished a stint as executive assistant to Adm. C.A.H. Trost, USN, who was recently selected as chief of naval operations. Your readership should know that the U.S. Navy is being led by a brilliant, caring, and most capable officer—the best there is!" Linda has expanded her interior design firm to include golf-course clubhouse design. "At last, something Dave knows about! We had the best of times at the reunion and will be back for my 20th," Linda adds.

Fraser A. Lang and his wife, Betty, of Providence, report the birth of their third child and first daughter, Cameron Walker. Fraser is president of Manisses Communications Group, Inc., a publishing firm that he founded two years ago and moved to Providence last year. He is also a member of the executive committee of the board of directors of the Associated Alumni and chairman of the Marketing and Communications Committee.

Rula T. Patterson is a special agent and registered representative for the Boston Agency of Prudential. She qualified for and attended both the Million Dollar Round Table in Orlando, Fla., and Prudential's Regional Business Conference in Washington, D.C., in July. She lives in Cambridge, Mass.

Lois Lubenow Rittenhouse has been promoted to corporate director, patents and trademarks, for C.R. Bard, Inc., Murray Hill, N.J. She joined the company in 1980 as administrative assistant to the director of contract sales. Her most recent position was that of patent and trademark administrator. Lois and her husband, James, live in Watchung, N.J., with their four children.

Dr. **Kenneth S. Scher** has moved to Dayton, Ohio, where he has been appointed professor of surgery at the Wright State University School of Medicine. He lives in Centerville, Ohio.

69 Jane Rogers Black (see **Barbara Orkin Rogers** '44).

Byron K. Lichtenberg, an astronaut who flew as a payload specialist on Spacelab 1, was the commencement speaker at Mount Wachusett (Mass.) Community College in May. He had been scheduled to fly a second space shuttle mission in August, but that and all other shuttle missions have been delayed. Byron continues to fly the A-10 aircraft as a fighter pilot in the Massachusetts National Guard at Westfield. He is the president of Payload Systems, Inc., and lives in Wellesley with his wife and two children.

Scott Somers has joined Korn/Ferry, the world's largest executive recruiter, as vice president and partner in the Los Angeles office. Before joining the firm, he was a consultant with McKinsey & Co., where he

was a business strategist. He is a former vice president of Phillips Bio-Medical, a San Diego-based medical diagnostic equipment company; former director of international marketing for the Wickes Corporation; and former president of the World Trade Association of San Diego.

Brian P. Watson, Canton, N.Y., has been named chairman of the physics department at St. Lawrence University.

70 Janet Levarie Smarr, a member of the department of comparative literature at the University of Illinois at Urbana-Champaign, is the author of *Boccaccio and Fiammetta: The Narrator as Lover* (University of Illinois Press). In the book, the author explores the major fiction-writing techniques of Boccaccio. Janet's book, *Italian Renaissance Tales*, received a Presidential Award for "best translation of classical texts" from the American Association of Italian Studies.

71 Robert Charles Koontz received his Ph.D. in clinical psychology from the California School of Professional Psychology (San Diego) on June 21. He is serving his internship at the Georgia Mental Health Institute in Atlanta.

Janice Michel Macaulay ('72 A.M., '77 A.M.) and **William Pastille** '76 were married on May 31 in Ithaca, N.Y. The reception was held at the Statler Inn on the Cornell campus. On the same weekend, they were both awarded degrees by Cornell. Janice received a D.M.A. in composition, and Bill received a Ph.D. in musicology.

Craig Milner has been promoted to vice president of Gray Strayton International of Waltham, Mass. He joined the company in 1983.

Carol L. Newman, a business litigation attorney with the Los Angeles law firm of Rosen, Wachtell & Gilbert, is the 1986 Libertarian Party candidate for attorney general of California. She is a former federal prosecutor with the U.S. Department of Justice in Los Angeles.

72 Alvin M. Ehrlich and Gary H. Simpson have formed a law partnership in Bethesda, Md., for the practice of litigation, employment, and corporate law. Alvin received his law degree from Tulane University School of Law in 1975 and clerked for the chief justice of Montgomery County (Md.) before going into private law practice.

Dr. **Steven Miller** ('76 M.D.) has been appointed chief of the emergency department of the Milton (Mass.) Medical Center. Certified in internal and emergency medicine, he is a faculty member of Harvard Medical School and Northeastern University. He is also on staff at Cambridge and Winthrop Hospitals. He is a member of the National Faculty for Advanced Cardiac Life Support and chairman of the State Committee on Emergency Cardiac Care and Cardiopulmonary Resuscitation.

73 Dr. Deborah Sauber Albert ('76 M.D.) has taken a position as assistant professor of pediatric surgery at the University of Texas Medical Branch at Galveston. In addition to her clinical and teaching responsibilities, she will be doing research in gastrointestinal hormones.

Paul Blazar has been named acting director of Middlesex County Hospital (Waltham, Mass.) by the board of trustees. He has been employed by Middlesex County for the past ten years, most recently serving as county administrator. Paul lives in Waltham with his wife, Abby, and their two children, Julia, 4, and Sam, 2.

Jo Anne Kacillas graduated from Cornell Law School in June and will be an associate at the law firm of Hebb & Gitlin in Hartford, Conn., in the insolvency department. "I enjoyed your recent article on student dorm styles and would like to note that I papered my room in Andrews with aluminum foil in 1970. Some things never change. I, however, didn't have red hair at the time." She lives in West Hartford.

Jessica Murray and **Bill Clark** announce the birth of Alexander Henry Murray-Clark on June 4, their second child to be born at home. Assisting the midwife once again were **Lena Chen** and **Jenny Smith**.

74 Louis Lombardi has been promoted from assistant professor to associate professor of philosophy at Lake Forest College (Illinois). Louis, who received his doctorate from the University of Illinois in 1980, joined the Lake Forest faculty that same year after serving as a faculty intern at Illinois State University in 1979-80. He is a member of the American Philosophical Association, Illinois Philosophical Association, the North American Society for Social Philosophy, and the Hastings Center.

75 Richard F. Callahan, vice president of Gateway Bank, has been named vice chairman of the Norwalk, Conn., 1986 United Way campaign. Richard is a past president of the Norwalk Kiwanis Club and is a member of the United Way board of directors. He lives with his family in Norwalk.

Anthony E. Higgins, Brasted, Kent, England, reports that he will be returning to the Philadelphia area in October.

Ross Krummel "got out of the oil business at the end of May" and moved from Denver back to New Hampshire in August.

Eliza Rogers Legg (see **Barbara Orkin Rogers** '44).

Gail E. McCann, Cranston, R.I., has been elected secretary of the Associated Alumni of Brown University for a two-year term, 1986-88. She is an attorney with the Providence law firm of Edwards & Angell.

David B. Sholem and his wife, Jan, report the birth of their second child, Kathryn Faye Sholem, on June 23. David is a partner in the law firm of Meyer, Capel, Hirschfeld, Muncy, Jahn & Aldeen, P.C. in Champaign-Urbana, Ill., and a principal in Newport Equity, Inc., a Florida real estate development firm.

Ward J. Mazzucco, Danbury, Conn., and his wife, Karen, announce the birth of their first child, Francis John, on June 24. Ward is an attorney in Danbury.

Michael Young is deputy chief of the affirmative litigation division of the New York City Law Department. He lives with his wife, Debra Raskin, an attorney, and their two children, Isaac, 5, and Dora, 1, in Brooklyn, N.Y.

76 William P. Barbeosch is now practicing law with the New York City law firm of Milbank, Tweed, Hadley & McCloy, where he specializes in trusts and estates.

Jane A. Bouffard has been promoted to senior associate in the Cambridge (Mass.) office of the MAC Group, an international management consulting firm concentrating on the process and analytics involved in implementing strategic change. Since joining the MAC Group in 1983, she has formulated customer service strategies, conducted marketing analyses, and analyzed billings and information systems for firms in computers, telecommunications, finance, and consumer products. She previously worked as a market researcher at the Boston University School of Management, where she received her M.B.A. in 1983. She has also served as director of the United Way's Corporate Gifts Division in Cleveland, Ohio, and as associate campaign director in Portland, Oreg. Jane lives in Cambridge.

Karen Stevenson Brady and her husband, Patrick, of Corte Madera, Calif., announce the birth of their first child, a daughter, Kristin Lee, on June 4.

Richard W. Ghigna and his wife, Nancy, announce the birth of a "very healthy, 9 lb., 14 oz. baby boy, Matthew Richard, July 7 in Palm Beach Gardens, Fla."

Dr. Bradford C. Lavigne ('79 M.D.) is a gastroenterologist on the staff of The Western (R.I.) Hospital and the head of the outpatient surgery department. He was an intern and resident from 1979 to 1982 at the Los Angeles County-University of Southern California Medical Center in Los Angeles, where he was awarded clinical and research fellowships in gastroenterology. He lives in Gales Ferry, Conn.

Elaine Lustig has given up the practice of labor and employment law with O'Melveny & Myers in Los Angeles and has joined the faculty of UCLA School of Law to teach legal research and writing as well as trial advocacy. "I'm living in Santa Monica (friends welcome). Also, I've just undertaken to coordinate activities of the class of '76 in southern California, so if you're here and interested in getting in touch with other class members, please contact me."

Gail R. O'Day, assistant professor of New Testament at Eden Theological Seminary in Webster Groves, Mo., was ordained as a minister of the United Church of Christ in May. She has a master's degree from Harvard Divinity School and a doctorate from Emory University in Atlanta. She lives in St. Louis.

William Pastille (see Janice Macaulay

Kevin Ryan ('84 Ph.D.), Boston, Mass., was recently appointed assistant professor of mathematics at the University of Lowell (Mass.). He was formerly an assistant professor at Wellesley College.

77 Dr. Kathleen Cote Bowling ('82 M.D.) and her husband, **William** '78, announce the birth of their second child, Nathaniel Cote Bowling, on June 7. His brother, Will, is almost 2. "I finished my residency in obstetrics and gynecology at Women and Infants Hospital (Providence) in June," Kathleen writes. "In September, I will be joining Drs. Lynn Lowe and Roger Ferland in private practice in Providence. My husband is an attorney with the firm of Reimer and Braunstein in Boston." They live in Foxboro, Mass.

Beryl Ann Cowan and **Dr. Howard Frumkin** were married on June 8 in Waltham, Mass. "In attendance were enough Brown grads to form a GISP or two. Remarkably, nobody present had aged a bit since graduating, and everybody is still approaching life on an S/N/C basis. A great time was had by all. Howie and Beryl (who wants it made clear that she is *not* Beryl Frumkin!) live in Boston, where she practices law and he works as an internist and occupational health physician."

Claire F. Crockett and **Charles John Shaw** '79 were married on June 21 at Central Union Church in Honolulu, Hawaii. **Ann Galligan** was maid of honor, and **Glenn Grayson** '79 was best man. Numerous Brown alumni attended the wedding. Claire is a market analyst for the Honolulu-based real estate firm, Locations, Inc. Charles is associated with the New York law firm, Rogers & Wells. The couple lives at 130 Barrow St., #308, New York, N.Y. 10014.

David C. Gryce and his wife, Patricia, announce the birth of a daughter, Julie Ann, on July 8. "Additionally, I have been elected to the board of directors of the Colorado Lawyers for the Arts. As part of my duties as a member of the board of directors, I am allowed to enjoy the rigors of lecturing on the subjects of trademark, copyright, contracts, and business organizations to classes in various art schools in Colorado. I am also currently a member of the National Association of Counsel for Children," David writes, adding that the note is to inform fellow classmates of what has happened to the "Connecticut Cowboy." He lives in Evergreen, Colo.

Marcia Jacobs and **James Hooper** were married in Nantucket, Mass., on May 31. Marcia, who has a master's degree in chemistry from Columbia and an M.B.A. from Harvard, is an associate at the Paine Webber Venture Management Company in Boston. James is a vice president of the Spaulding & Slye Company, a real estate concern in Boston, and is a director of William E. Hooper & Sons, a textile concern in Baltimore of which his father is president.

Roberta Rosenthal Kwall and her husband, **Jeffrey Louis Kwall** (Bucknell '77), report the birth of their first child, Shanna Yael, on Dec. 22, 1985. Roberta is an associate professor at DePaul University College

of Law. Their new address is 1045 Hillside Ave., Deerfield, Ill. 60015.

Dr. Steven Levine, Brookline, Mass., has joined the practice of Limited to Endodontics, Inc., a group practice of Boston endodontists. Steven, a graduate of Tufts Dental School, is teaching there and is on the active staff of the Brigham and Women's Dental Department.

David Neusner has been appointed vice chairman of the New London (Conn.) County Bar Association Workers' Compensation Committee. He is a partner in the Groton law firm of Embry and Neusner, where his practice is limited to the areas of workers' compensation and personal injury law. He lives in Waterford.

Cory Zucker was married on April 20, 1985, to Jo Levine, a graduate of Northwestern, in Cleveland. Kal '80, '83 Sc.M., Cory's brother, was best man, with other Brown alumni in attendance. Kal was married on May 5, 1985, to **Mary Frances Haerr** '80. Jo and Cory, who worked for the New England Conservatory of Music and the City of Boston, respectively, moved back to Cleveland at the end of the summer.

78 Dr. Guy T. Bernstein and his wife, Nancy, announce the birth of their son, Jeffrey Daniel, on May 25. Guy is a resident in urology at the Brigham and Women's Hospital in Boston, and Nancy is a product manager at Fidelity Investments. They live in Boston.

William Bowling (see **Kathleen Cote Bowling** '77).

Roberta L. deAraujo, Hallowell, Maine, has been chosen Young Career Woman for the Augusta Business and Professional Women. She is a chief legal counsel for the Maine State Employees Association in Augusta. Prior to that, she was an associate attorney at Siefman, Semo, Slevin & Marcus, P.C. in Washington, D.C.

Michele Dreyfuss Sherrill and her husband, **Fred Sherrill**, are now living in Short Hills, N.J. Their son, Philip, is now 3, and their second son, Edward, was born on April 7. Fred is an account executive at Merrill Lynch in New York. "We'd love to hear from alumni in the area!"

Dr. Eugene H.P. Wade, Burlington, N.C., has been appointed by North Carolina Gov. Jim Martin to serve on the Indigent Health Care Study Commission. The commission will report to the legislature in 1987. Eugene, a family practitioner in Burlington, represents the medical community on the commission.

79 Dr. Jeffrey E. Bellin has joined Dr. David H. Ferrin and his staff in the practice of family dentistry in Sharon, Mass. After receiving his D.M.D. with honors from Tufts University School of Dental Medicine, Jeffrey did his residency at Boston City Hospital. He has been director of the dental department of a Boston neighborhood health center and holds an appointment as clinical instructor in the department of oral diagnosis at Tufts, where his teaching responsibilities include the clinical supervision of undergraduate dental

students. He is also a visiting staff member at Boston City Hospital in the department of dentistry and oral surgery.

Nadine L. Gerds, Oradell, N.J., received her master's degree in landscape architecture from Harvard in June. She has also attended the Sorbonne in Paris and the College of the Atlantic in Bar Harbor, Maine.

Douglas A. Halperin writes: "As director of software development at Integrated Automation (Alameda, Calif.) for the last few years, I have designed and built large, custom optical disk-based imaging systems. This fall, I will be on leave teaching computer science at Fudan University in Shanghai, PRC. My permanent address is 5511 Manila Ave., Oakland, Calif. 94618."

Alison Whitney Lehr was married to Jonathan Prusky on April 19 in Miami, Fla. Alison received her law degree from the Georgetown University Law Center in 1983. Jonathan, a marketing executive at Microsoft Corporation, a manufacturer of computer software in Seattle, attended the University of Pennsylvania.

Dr. Mitchell R. Lester ('83 M.D.) completed his residency in pediatrics at Rhode Island Hospital in June and "dove right into the real world. On July 1, Dr. Celeste Corcoran (with whom I trained) and I opened our practice (Narragansett Bay Pediatrics, Inc.) in Wakefield, R.I. In addition, we are working on a consulting basis to provide pediatric care at the Health Center of South County, also in Wakefield. I hope any friends and classmates who are spending time near the Rhode Island beaches will be in touch: 107 Willard Ave., Wakefield 02879; 401-783-6877 (home) or 401-789-5924 (work)."

Anthony M. Miller writes that he has moved from Dillon Read to Bear Stearns, where he is a vice president in its mergers and acquisitions group. "Yes, I'm afraid it's true; I'm still an investment banker. Although the business requires a certain amount of insanity, you may recall, I was always crazy. New York and I have had a characteristic love/hate relationship but the last few months have been good ones. I'd love to hear from anyone in town or passing through."

Charles John Shaw (see **Claire F. Crockett** '77).

Pamela Stross married Jay P.K. Kenney (Harvard '78) on March 8 in Denver, Colo. Pamela is working in the appellate division of the Colorado State Public Defender's Office. Her husband is a trial deputy public defender.

80 Lennie Bloom (see **Margie Silberstein** '81).
Deane M. Dray, Brooklyn, N.Y., writes: "I'm in the middle of some major changes to my NYC lifestyle. I have just accepted an offer from Shearson Lehman Brothers, the Wall Street brokerage firm, to join their New Business Analysis Department as an AVP. After four years, I'm leaving Arthur Andersen Consulting Division, specializing in international banking. On the personal front, I am looking forward to get-

ting married in September, and my fiancée, Nancy Krug, and I are trying to find time to plan the wedding and look for a house. **Rick Dunn** will be an usher in the ceremony and deserves special mention because he set up the blind date where I met my bride-to-be."

Terrence B. Hook completed his Ph.D. in electrical engineering at Yale last summer. He and his wife, Andrea, bought a house in Underhill, Vt., and Terrence returned to work for IBM in Essex Junction. Their new address is Box 186, Underhill 05489. "We would love to hear from or see anybody who is in the area, unlikely as that may be."

Meredith Mendes was married to Michael Levitin in Scarsdale, N.Y., on May 4. Meredith, who graduated from Harvard Law School, is an associate with the Chicago law firm of Hopkins & Sutter. Michael, a graduate of the University of Rochester and Northern Illinois School of Law, is a criminal defense attorney in private practice in Chicago. They live in Chicago.

Kal Zucker and **Dr. Mary Frances Haerr** were married on May 5, 1985, in San Antonio. Mary graduated from medical school a year ago and is a ob/gyn resident at Southwest General/Parkland Hospital in Dallas. Kal designs computer chips for Recognition Equipment—"they make machines which sort mail and weed out counterfeit money." After a honeymoon in Spain—"the Prado was closed because President Reagan was there; we returned to it later in our trip so as not to be defeated by Reagan"—they returned to Dallas, where they live with their canine "kids," Falstaff and Rosalita.

81 Dr. J. Augusto Bastidas and **Constance D. Burton** have moved from Cincinnati to Baltimore. "Looks like we're settling down. Surgical internship survived and law school finished, so we bought a house. Visitors always welcome." Their address is 414 North Chapel St., Baltimore 21231, (301) 675-7934.

Roy A. Benjamin (see **Nancy Schott Benjamin** '82).

Susan E. Berry and **Brian T. Moynihan** were married on May 17 in Narragansett, R.I. A graduate of Suffolk Law School, Susan is currently employed by Campbell and Associates of Boston. Brian, a 1984 graduate of Notre Dame Law School, is employed by the Providence law firm of Edwards and Angell. After a wedding trip to London and Paris, the couple is living in Boston.

Beth Burlingame's new address is 200 Posada del Sol #27, Novato, Calif. 94947. "I moved to California in September 1985. It's a big change from Manhattan, my last home. I'm enjoying both the weather and my job, managing short-term funds for Fireman's Fund Insurance Company."

Brian R. Leach and **Robin Lynn Campbell** were married in Westfield, N.J., in June. Brian is an associate with Morgan Stanley in New York City. He received his M.B.A. from Harvard in 1984. Robin, a cum laude graduate of Franklin and Marshall College with a master's degree in psychology from Rensselaer Polytechnic Institute, is a software systems engineer for Bell Communications Research in Piscataway, N.J.

Ferdinand D. Masucci was married to Christiana P. Gaddis on Aug. 23 in New Vernon, N.J. Christiana, a graduate of Wheaton College, is an associate on the foreign exchange trading desk of Credit Suisse in New York. Ferdinand is a vice president and corporate bond trader at Morgan Stanley and Company in New York.

Stephen L. Sepinuck writes: "Please allow me to report that, in an effort to add yet more letters after my name and go back to what I do best—school, I have begun a leave of absence from my law firm in Florida. I will be attending New York University's graduate law program in tax come September. My new address, effective Sept. 1, will be 110 West 3rd St., Apt. 404B, New York 10012. All Brunonians are welcome to contact me there, and I am looking forward to seeing many of those whom I have not seen in the last several years."

Margie Silberstein and **Dr. Lennie Bloom** '80 were married July 6 in Boston, where they are living. Margie is a lawyer with Hale and Dorr, and Lennie will be practicing emergency room medicine this year and will continue his residency in urology at the Lahey Clinic as of July 1987. Many friends from Brown attended the wedding. The wedding party included **David Bloom** '75, **Steven Bloom** '78, **Ray Madoff** '80, **Beth Tuttle**, and **Amy Silberstein** '83.

Dr. Robert B. Watkins "just graduated from dental school at UCSF (June '86) and have started a one-year residency in San Francisco. Will pursue a specialty in prosthodontics. Michele and I now have two children, Nichole, 5, and Jesse, 2. Love to hear from classmates/grads in Bay Area, and can be reached at (915) 476-5608."

Sheri Wyatt writes: "It is such a pleasure to read the *BAM* and keep abreast of what's going on at Brown. I graduated from Howard University School of Law in 1984. On May 17 of this year, I married Michael Hargrove, a fellow law school graduate, in Washington, D.C. **Karona Mason** '82 and **Cynthia Price** were bridesmaids. Michael and I are living in Washington, D.C., and practicing sports and entertainment law. We love every minute of it! We would love to hear from classmates who may live in the area or just be visiting. We can be reached at 5745 Moreland St. NW, Washington, D.C. 20015, (202) 362-9197."

82 Jim Austin "is surviving in Denver, Colo. I have not done grad school, am unmarried, and drive a late model Toyota. Since Brown, I have counselled on locked adult and adolescent psychiatric units. I own 'Jimages,' a small photographic arts company. I run daily. I invite classmates to discover Denver: 1307 Franklin #1, Denver 80218."

Nancy Schott Benjamin and **Roy A. Benjamin, Jr.** '81 announce the birth of their first child, Nicole Nancy, on June 24. "She weighed in at 7 lbs., 14 oz." The Benjamins live in Wakefield, Mass.

Elizabeth Birkelund was married in April in New York City to **Christian Oberbeck**. Until recently, Elizabeth was assistant

to the editor in chief of *European Travel & Life*. She attended the Sorbonne and the Radcliffe Publishing Procedures Course. Christian, a graduate of Columbia University's Graduate School of Business, is an associate at the Development Group of Arthur Young International in Milwaukee.

Carla Ferrari received her M.S.W. degree from Simmons College (Boston) on May 18.

Diane Marie Flannery was married to James Knight in Cheshire, N.Y., last June. Diane, formerly an assistant secretary with Manufacturers Hanover Trust Company in New York, is an M.B.A. candidate at Penn's Wharton School. James is a lawyer with the New York law firm of Simpson Thacher & Bartlett. He graduated from Dartmouth and Harvard Law School.

Philip J. Howell ('83 Sc.M.), a research programmer and analyst in the geological sciences department at Brown, was married to Judith A. Crowley on June 28. Members of the class of '82 who served as ushers were **Anthony Canoistra** and **John Walsh**. Other Brown classmates were in attendance.

Sharlene W. Graham married Capt. Christopher Lassiter, USMC, of Las Cruces, N.M., on June 28. They are both graduates of the University of Michigan Law School and are practicing attorneys in Washington, D.C.

Danianne Mizzy, New York City, received her M.F.A. in lighting design from Yale School of Drama in May.

Les J. Wes completed his Ph.D. in electrical engineering at the University of London in January. He is now on assignment in Weymouth. "Friends can contact me at 33 Bridlebank Way, Broadway, Dorset, DT3 5RA, Great Britain."

83 Patricia Blaurock sends the following update: "Immediately after graduation I traveled through Europe with **Laurie Robinson** for part of that summer, then began working for Merrill Lynch & Co. I am now with Chemical Bank in NYC as a systems analyst. Next spring, I am happy to announce, I will be marrying Joseph Seiler (C.W. Post University '79)."

Karen Brinkmann and **Fred Johnsen** (Butler University '83) were married in Summit, N.J., on May 31. "Happily, many of our Brown friends will still travel great distances for a good party," Karen writes. "Fred works in shipping operations at the corporate level for Hagap-Lloyd Agencies, and I have spent the summer working at the commercial real estate firm of Julien J. Studley, Inc. Now it's back to school for my second year at NYU School of Law, where I was recently invited to be a member of the editorial staff of the *Journal of International Law & Politics*. Fred and I have a new phone number (718-418-2415) and P.O. Box (#317, Staten Island, N.Y. 10305). We also do have an apartment, with a guest room—all an easy stroll from the Staten Island ferry, no extra charge for the deluxe tour."

Jeremy M. Cohen writes: "After living in Kingston, N.Y., for three years, working for IBM as a computer science instructor,

and obtaining my M.S. in computer science from Union College, I am now heading to Boston to attend the MIT Sloan School of Management. My address is 81 Porter St., Cambridge, Mass. 02141, and I can be reached at (617) 354-8068."

Athena Constance Demopoulos graduated with honors from Boston University School of Law in June.

George Garcia and **Maureen O'Brien** were married in Boston on July 12. The wedding party included **Martha Lemaire**, **Joel Rosano**, and best man **Steven Turchan**. Many Bronson/Archibald and Zete friends also attended. "After a honeymoon in Hawaii, Maureen will start her second year of work towards her Ph.D. in developmental psychology at Temple University, while I'll be starting medical school at the University of Minnesota this fall. Although we are not looking forward to this separation, Maureen will be able to join me in nine months to continue her degree work for Temple in absentia. Friends can stay in touch with us by writing to Maureen (still O'Brien) at 1031 Spruce St. #307, Philadelphia, Pa. 19107."

Fiona Lally and **David Shorr** were married in September 1985 in New York by Brown Chaplain Charles Baldwin. They recently moved to Washington, D.C., where Fiona is an insurance broker with Marsh & McLennan, and David works for Physicians for Social Responsibility, the nuclear arms control group.

Lauren Levine and **Jim Spound** were married on June 15. Jim is a project manager for a quasi-public economic development agency for New York City. Lauren is entering her third year in a clinical psychology doctoral program at City College of New York. Friends can contact them at 355 Riverside Dr., New York City 10025. (212) 865-4131.

Lou M. Taylor writes: "After several years enjoying the delicious cultural fruits of Berkeley, I'm off to plow the rich arable soils of Davis, Calif., where I hope soon to earn a credential to teach high school English, and perhaps a master's in English as well. I'd really like to hear from **Dan Swartz**, **Geoff Pendleton**, **Ted Dewan**, and **Dave Gartenstein** '82. My address: 1710 La Loma, Berkeley, Calif. 94709."

84 Lillian Chen, Hingham, Mass., sends the following: "Water guns, concealed metronomes, souvenir pointe shoes, marauding raccoons, and being left behind on a held trip are a few of the things I have encountered as a second-year English and history teacher and dormparent at the Walnut Hill School of Performing Arts in Natick, Mass. Fun and Frustration at its best!" Lillian began studies at Northeastern Law School in September.

Steven David Gorelick was selected as a fellow of the Jerusalem Fellowship, a program co-sponsored by the Ministry of Education, State of Israel, and the U.S. and Canadian chapters of the World Zionist Organization. Beginning in June, David spent ten weeks in Israel, where he enrolled in graduate studies at the Aish HaTorah College of Jewish Studies in Jerusalem. His

courses dealt with Jewish history, written and oral law, and the fundamentals of Jewish world view. He is a graduate student at the New School of Social Research, a fellow of the Coro Foundation in St. Louis, and in the spring completed an internship in New York City as an assistant planner on the Committee on the Year 2000, an organization formed by Mayor Koch to deal with the entire spectrum of city needs in the twenty-first century.

James A. Karlson and **Cherry Carlson** were married on June 28 in Holden, Mass. Classmates **David W. Todhunter** and **Michelle J. Chraplewski** were honor attendants. The celebration included many other alumni and students. "After escaping to Hawaii for a honeymoon, it is back to reality. Cherry is working at Bank of Boston in the corporate audit department, and James is in his third year of medical school at Brown." They are living at 10 Holman St., Attleboro, Mass. 02703.

Mark Kolakoski and **Laurel Fleming** (MSU '85) were married in Litchfield, Conn., on July 5. **John Shalvey** served as best man, and **Mary Kolakoski** '86, sister of the groom, was a bridesmaid. Many Brown alumni were in attendance. Mark and Laurel work in sales and promotion for WIOE in Fort Wayne, Ind. Their address is 6724 Ramblewood Ct., Apt. F., Fort Wayne 46815.

Jamie Kurtis, Portsmouth, R.I., is co-producer for Rhode Island Bandwagon, a newly-formed nonprofit organization aimed at ending the state's hunger and homeless problems. On April 27, the group sponsored "Faces Against Hunger and Homelessness," an all-ages benefit rock concert featuring nine of the state's most popular bands at The Living Room, a Providence club. All money raised or donated to Rhode Island Bandwagon will be channeled through the Rhode Island Foundation to PAL, the Rhode Island Emergency Food & Shelter Board, the Rhode Island Community Food Bank, and the Alan Shawn Feinstein Hunger Fund.

Tracey A. Marks has moved to Boston and is teaching at a private school in Brookline. She is completing her M.Ed. at Lesley College in Cambridge.

Timothy Marvil, Sussex, N.J., is one of three new directors of Big Brothers/Big Sisters of Sussex County. Tim, who was involved in the Providence Big Brothers program while at Brown, is manufacturing manager for Ames Rubber Corporation. He is also coach for the Vernon Little League baseball team.

85 Randy Haykin was married to Patricia (Patty) M. Grant on Aug. 2 in Worcester, Mass., with many Brown alumni in attendance. The couple is living at 68 Easton St., Allston, Mass. 02134. Randy entered the M.B.A. program at Harvard this fall.

Alison R. Wait was married to Jonathan V. Watts on July 5 in Beverley, East Yorkshire, England. "We met when I did a junior year abroad at the University of Edinburgh, Scotland," Alison writes. "I'm

working on a master's in biology at UCLA now, and Jonathan will be working as an architect in Los Angeles." They live in Santa Monica, Calif.

86 Scott A. Shane, New York City, was one of thirty winners of the New York State Herbert H. Lehman Graduate Fellowships in Social Sciences and Public and International Affairs. The fellowships were established by the legislature in 1966 in honor of the state's former governor. The competition is open to outstanding college graduates throughout the U.S. who plan to pursue graduate study in a college in New York state.

GS Elmer R. Smith '26 A.M. (see '26).

Howard Young '48 Ph.D. (see Anne Maven Young '44).

Donald W. Baker '49 A.M., '55 Ph.D. (see '44).

Simon Ostrach '49 Sc.M., '50 Ph.D., Wilbert J. Austin Distinguished Professor of Engineering at Case Western Reserve University, received an honorary doctor of science degree from Technion-Israel Institute of Technology in Haifa, Israel. The degree is the highest honor Technion awards, and past recipients have included Nobel laureates Albert Einstein, Niels Bor, and Isidor Rabi. Professor Ostrach, a mechanical engineer and a specialist in fluid physics, was honored for his contributions to the science of heat transfer. His research is related to the possibility of processing materials aboard the space shuttle. He is also performing research to improve the competitiveness of U.S. industries. He joined the faculty of Case in 1960, after serving for sixteen years with NASA, where he was chief of the Fluids Physics Branch at the Lewis Research Center. In 1983, he was presented the Max Jakob Memorial Award for pioneering applications of mathematics to the analysis and theory of fluid and heat flows at low velocities and complex, combined phenomena. As an educator, he founded the department of fluid, thermal and aerospace sciences at Case. Author of 108 scientific papers, Professor Ostrach has lectured in many countries and is a fellow of the American Society of Mechanical Engineers, the American Institute of Aeronautics and Astronautics, and the American Academy of Mechanics. In 1978, he was elected to the National Academy of Engineering, the highest professional distinction conferred on an engineer.

Jose Amor y Vazquez '52 A.M., '57 Ph.D. (see Susan E. Geary '67).

Philip Campbell '55 Ph.D., who retired as dean of the college at Holyoke (Mass.) Community College this past summer, received that college's Distinguished Service Award at the May 31 commencement exercises. Campbell joined the staff at HCC in 1964 as professor of history and dean of the college. Prior to that, he taught history and served as chairman of the department of social science at Hampton Institute in Virginia. In 1984, he received the George Frost Award for Excellence from HCC, and recently was awarded a Commonwealth Cita-

tion for Outstanding Performance as part of the Massachusetts Performance Recognition Program for state employees.

Samuel M. Genesky '58 Ph.D. (see '49).

Samuel Coale '70 A.M., '70 Ph.D., professor of English at Wheaton College, lectured in May to the Norwood (Mass.) Historical Society on "In Hawthorne's Shadow: The New England Mind." He received a National Endowment for the Humanities grant and a Fulbright Fellowship to complete his study of Hawthorne and his influence on American authors up to the modern era. The result of his research, a book entitled, *In Hawthorne's Shadow*, was published by the University of Kentucky Press in 1985. He also is the author of the first full-length critical study of John Cheever (1977), a critical study of Anthony Burgess (1982), and numerous articles and reviews.

William Parent '70 Ph.D., associate professor of philosophy at the University of Santa Clara, is the editor of *Judith Jarvis Thomson, Rights, Restitution, and Risk: Essays in Moral Theory* recently published by Harvard University Press.

Susan Porter Benson '71 A.M. is co-editor of *Presenting the Past: Essays on History and the Public*, published by Temple University Press. According to the press release accompanying the publication announcement, the book explains how Americans have come to view themselves, their ancestors, and their public heritage through the influence of the mass media, popular culture, and public history. Benson is associate professor and chairman of history at Bristol Community College in Massachusetts.

Christopher Hewitt '71 Ph.D., his wife, Marie, and daughters, Sara and Caitlin, will be in London for the academic year 1986-87. He will be teaching and working on his second book on terrorism. His address is: Department of Politics, City of London College, Calcutta House Precinct, Old Castle St., London E1 7 NT.

Kenneth R. Kobre '71 A.M. joined the journalism department at San Francisco State University in September. He is a nationally recognized photojournalist and is the first full-time photojournalism instructor hired by SF State. He has been director of the photojournalism program at the University of Missouri for the last four years. He is the author of a major photojournalism textbook, *Photojournalism: The Professionals' Approach*, used by 125 universities, and of the popular tradebook, *How to Photograph Friends and Strangers*. He has been the director of the prestigious national Pictures of the Year contest held annually at the University of Missouri. A former staff photographer for the *St. Petersburg Times*, he has done freelance work for *Time* magazine, the *Boston Phoenix*, *Business Week*, and many other national magazines and newspapers.

Beverly Daley, L.C.S.W., '72 M.A.T., supervisor of Children's Hospital in Los Angeles, has been awarded a grant by the Diabetes Research & Education Foundation to organize a support program for teenagers with Type I, or insulin-dependent, diabetes. Type I diabetic adults will be recruited

through the recommendation of area endocrinologists to serve as sponsors for the teenagers. The precedents for the project are Alcoholics Anonymous and Big Brothers/Big Sisters of America. Beverly lives in North Hollywood, Calif.

Jean Amatneek Dowdall '72 Ph.D. (see '63).

Janice Michel Macaulay '72 A.M., '77 A.M. (see '71).

R. Baxter Miller '72 A.M., '74 Ph.D., professor of English and director of the Black Literature Program for the University of Tennessee, Knoxville, is editor of *Black American Poets Between Worlds, 1940-1960*, published by the University of Tennessee Press. The book is volume 30 in the publisher's Tennessee Studies in Literature series. According to the press release, the volume appraises distinguished black poets whose careers began to flower after the Harlem Renaissance of the 1920s, a period of militant integration, and continued through the Black Arts Movement of the 1960s, a decade of militant separatism. The interpretive focus shifts from characterizations and stylistic evolution to dialectic voices, prophecy, attitude toward the opposite sex, and the theme of recreation. Miller contributes essays on Dudley Randall, Margaret Walker, and Gwendolyn Brooks to the collection.

The Lake Superior Contemporary Writers Series presented a reading last June by Anthony Bukoski '73 A.M., who read from his book, *Twelve Below Zero*, a collection of short stories set in and around the Duluth-Superior region. *Publisher's Weekly* praised the book, and mentioned the author's ability to "bring a sophisticated voice to unsophisticated characters. They are farmers, sawyers, truckers and innkeepers, the descendants of Swedish and Polish immigrants. They seem to live in an America unacquainted with Freud and computers." Raised in Superior, Bukoski is an assistant professor of English at Northwestern State University in Louisiana, having previously taught composition and American literature at the University of Minnesota-Duluth, the University of Wisconsin-Superior, and the College of St. Scholastica. Later this year, the National Endowment for the Arts will exhibit the book at shows in Madrid, Spain and Frankfurt, West Germany.

Susan E. Geary '74 A.M., '76 Ph.D. (see '67).

Edith Hemenway '74 A.M. performed in the "Music at Trinity" series in Newport, R.I., in May when she accompanied on piano Roberta Belanger, soprano, at Honyman Hall of Trinity Church. Edith is a graduate of the New England Conservatory and has a master's degree from McGill University. A composer as well as a pianist, Edith lives in Canton, Mass.

Amy Mandelker '75 A.M., '82 Ph.D. writes: "After three years of teaching at UCLA and the University of Southern California, I'm heading back east to teach at Hunter College CUNY. My husband, Bill Bleisch (Harvard '76, Rockefeller '82 Ph.D.), has been doing neurobiological research at California Institute of Technology. I've

published several articles in *Slavic & East European Journal*, *Die Welt der Slaven*, and *American Journal of Psychology*, and I'm at work now editing two books and writing a third. I hope to get tenure someday! I've run into lots of old Brunonians in L.A. and hope to see lots more in N.Y.C. Write to me c/o Russian Program, Hunter College, New York 10021."

Janet Sharistanian '75 Ph.D., Lawrence, Kans., associate professor of English at the University of Kansas, received the Burlington Northern Foundation Award for excellence in teaching at KU's commencement exercises this spring. In June, she published *Ideology and Action: Historical Perspectives on Women's Public Lives* (Greenwood Press).

Rida M. Mirie '77 Sc.M., '80 Ph.D., Dharam, Saudi Arabia, was recently appointed assistant professor of mathematics at the University of Lowell (Mass.). A graduate of the American University of Beirut, she is currently researching internal solitary waves and their interactions, the highest internal solitary waves, and vortex motion.

Afi-Odelia E. Scruggs '77 A.M., '82 Ph.D. writes: "This time last year when I wrote, I had just started on an artistic career. Now I am happy to report that I am well on my way to making writing, art, and music my full-time pursuits. This past June, I was blessed to be one of fifteen artists picked from a field of 208 whose work was featured in the 'Rush Hour Show,' a billboard exhibition held in Richmond, Va., during the city's June Jubilee Festival. I am now writing regularly for the *Richmond News-Leader*, the afternoon newspaper, and *Style Weekly*, an independent news magazine, and finally, I will be a participant at the Humanities Institute, sponsored by the Virginia Foundation for the Humanities and Public Policy at the University of Virginia. During my month-long residency, I will research the historical foundations of 'Doctor Watts' hymns, which are remnants of black spirituals still being sung in rural Virginia."

John R. Mousseau '80 A.M. married Pamela J. Timmerman on March 15 in Greenwich, Conn. Timmerman, a graduate of Lehigh University and Pace University, is employed as a senior financial analyst for E.F. Hutton and Company. Mousseau is an assistant vice president in Hutton's municipal bond department. After a wedding trip to London and Paris, they are living in New York City.

Stephen G. Warfel '80 A.M. has been appointed curator of archaeology of the State Museum of Pennsylvania in Harrisburg. He will be responsible for the curatorial care of all archaeological materials and research data generated by the Pennsylvania Historical and Museum Commission, the official history agency for the Commonwealth of Pennsylvania. He will also supervise staff, volunteers, and programs of the State Museum archaeology section and develop interpretive exhibits on archaeology, as well as assist in the general management of the curatorial division and the Museum. For the past six years, he was the associate curator of archaeology. Warfel is president

of the Society for Pennsylvania Archaeology and a member of the Society for Historical Archaeology. He lives in New Cumberland with his wife and two children.

Lourdes Morales-Gudmundsson '81 Ph.D. is assistant professor in the modern and classical languages department of the University of Connecticut, Stamford. Since 1984, she has been president of El Taller, Inc., a statewide organization of Hispanic writers and artists. As general director and co-editor of the journal, *El Taller Literario*, she oversees the preparation and publication of poetry, short stories, and literary criticism (in Spanish and English), as well as photography and graphic art. The journal and the work of El Taller, Inc., have received attention from the Connecticut press and the *New York Times* as well as from the *Fairfield Advocate*, which recently featured her in a special issue entitled "Women of the Time" (July 14, 1986). She lives with her husband, Reynir Gudmundsson, and their daughter, Carmen Elena, in Hamden, Conn. Her address is: University of Connecticut (Stamford), Scofieldtown Rd., Stamford 06903.

Philip J. Howell '83 Sc.M. (see '82).

George Wilson '83 A.M., Philadelphia, graduated from the Rutgers University School of Law and will be spending the 1986-87 judicial term clerking for Judge M.E. Tolbott of the New Jersey Superior Court. Wilson's areas of specialty are labor, employment, and civil rights law.

Kal Zucker '83 Sc.M. (see '80).

Kevin Ryan '84 Ph.D. (see '76).

Ed Nadler '85 Ph.D. writes: "My wife, Eileen, and I have spent an exciting year in Israel, where I have had a postdoc in mathematics at the Technion (Israel Institute of Technology). For 1986-87, I have a postdoc at IBM Research Center in Yorktown Heights, N.Y."

Christos J. Petropoulos '85 Ph.D. was one of forty-eight investigators to receive a three-year fellow grant from the Leukemia Society of America. During the grant period, he will concentrate his research on virology, the study of how normal cell structure and cell life are disrupted by viruses known to cause leukemia and related diseases in animals and possibly humans. He is working at the NCI-Frederick (Md.) Cancer Research Facility, LBI-Basic Research Program. He joined the facility in 1984 as a postdoctoral fellow.

Eugene M. Lavelly '86 Sc.M. is now enrolled at MIT.

Lorrie N. Smith '86 Ph.D. is an assistant professor of English at St. Michael's College in Winoski, Vt. She has published articles in *New England Quarterly*, *Michigan Quarterly Review*, and *Contemporary Literature*. Her graduate work focused on nineteenth- and twentieth-century American poetry.

MD **Deborah Sauber Albert** '76 M.D. (see '73).
Steven Miller '76 M.D. (see '72).

Bradford C. Lavigne '79 M.D. (see '76).

Kathleen Cote Bowling '82 M.D. (see '77).

Mitchell R. Lester '83 M.D. (see '79).

Daniel M. Medeiros '86 M.D. began a five-year residency at the end of June at the Albert Einstein Affiliated Hospitals of New York, accepting one of twelve positions in the country in a new residency program combining pediatrics with adult psychiatry and child psychiatry. While at Brown, he was president of the Brown Medical Student Senate and served on several medical admissions committees. He was also head of the Providence chapter of the Brandeis Alumni Admissions Council. He graduated from Brandeis in 1981.

OBITUARIES

Erwin Clayberg Tompkins '11, Nashville, Tenn.; Dec. 24. From 1911 until 1931, he held various positions with Swift & Company. He then became president and manager of Neuhoff Packing Company and the Nashville Cold Storage Company, subsidiaries of Swift, until his retirement in 1954. For a number of years after his retirement he was executive vice president of Crescent Amusement Company, a large theater chain in Tennessee, Kentucky, and Alabama. He was very active in the civic life of Nashville. Information regarding survivors is incomplete.

R. Stanley Thomson '12, Coral Gables, Fla.; Dec. 14, 1984. He earned his A.M. and his Ph.D. from Harvard and taught history at Brown (from 1925 to 1927), Ohio Wesleyan University, and Russell Sage College in Troy, N.Y., where he was head of the history department from 1929 until his retirement in 1954. For his dissertation on the Belgian Congo he did research in Berlin, Paris, Brussels, and London, and then lived for a number of years in Brussels and Paris. During World War I, he served with the U.S. Army Ambulance Service in France, attached to the French Army, and saw action at the battle of Malmaison in the fall of 1917. He was awarded the Croix du Guerre by the 27th French Infantry Division. Phi Beta Kappa. He is survived by two sons, including Parker D. Thomson, 1207 Mariola Ct., Coral Gables 33134.

Elliot Towle Bugbee '14, Carmichael, Calif.; Aug. 1. He was associated with J.&P.B. Myers Inc., paper box manufacturers, for thirty-seven years. Long active in Brown alumni affairs, he was a seventy-year member of St. John's Lodge F & M in Providence. Survivors include two sons, **Elliot, Jr.** '47, 97 Bray Farm Rd., Yarmouthport, Mass. 02675, and **Lawrence** '49.

Maj. Gen. William Curtis Chase '16, USA (Ret.), Houston, commander of the 1st Cavalry Division in World War II; Aug. 21. The *San Antonio Express-News* wrote the fol-

lowing after General Chase's death: "He joined the Army in World War I, was commissioned, saw front-line service, and decided to stay in the Army. In World War II he was an officer in the 1st Cavalry Division in Australia when Gen. Douglas MacArthur came up with his strategy to swing around Japanese strongpoints in the South Pacific, attack places further north, and leave the bypassed troops to die on the vine. The first of these was on Admiralty Island. Chase landed his task force and was told by MacArthur: 'You've got it, now hold on to it at all costs.' That Chase and his men did in days of bitter battle and Chase won MacArthur's lifetime admiration. The 1st Cavalry landed in the northern Philippines and staged a spectacular drive for Manila to rescue U.S. prisoners, many near death from starvation and illness. The 'flying column' was vulnerable, but Chase moved it so fast that the Japanese could never organize their forces for a concentrated attack. En route Chase had this message dropped into the Manila prisons: 'Hold on! Santa Claus is coming to town.' And 'come to town' the troopers did, saving numerous lives that might have been lost by delay. It was almost an open secret that the 1st Cavalry Division had been chosen as one of the divisions to assault Japan. Chase was in command. The atomic bomb was dropped and that ended invasion by sea. At 9 a.m. on Sept. 1, 1945, the convoy carrying the 1st Cavalry Division steamed by the battleship *Missouri*. As the peace treaty was signed at 11 a.m. on the *Missouri*, the division landed, set up a perimeter defense, and sent out scouts. The division then marched to Tokyo with headquarters and other troops camping on the Emperor's Parade Grounds just in time to be deluged by a typhoon." After the war, General Chase worked with occupation and reconstruction forces in Japan, and later served as military adviser to Chiang Kai-shek in Taiwan. He retired from the Army in 1955 and earned a master's degree in history and government at Trinity University in San Antonio. He began teaching history at the University of Houston in 1957. When he retired from teaching, in 1968, he wrote *Front-Line General*, his memoirs of World War II and General MacArthur. He is survived by a stepdaughter and three grandchildren.

Mary C. McCarthy '22, '23 A.M., Rumford, R.I.; July 16. She was a bacteriologist at the Prudential Life Insurance Company, Newark, N.J., for thirty years until her retirement in 1962, when she returned to Rumford to live with her sisters. She was a member of the New Jersey Pembroke Alumnae Association and a past president of the Kappa Chapter of Sigma Delta Epsilon. Survivors include her sister, **Barbara** '25, 67 Weeden Ave., Rumford 02916.

Theodore Ford Carlisle '23, Ashtabula, Ohio, president and chairman of the board of Carlisle-Allen Company Department Stores; June 27. After attending Harvard Business School and working for Sibley, Lindsay & Curr in Rochester, N.Y., he re-

turned to Ashtabula in 1926 to work in the home furnishings department of his family's store. Under his direction, Carlisle-Allen expanded from one store in Ashtabula to thirteen in Ohio and western Pennsylvania. He was president of the company from 1948 until 1962, when he became chairman of the board. He retired in 1977 and became an honorary director for life. He was very active in the community and was a former president of the Chamber of Commerce and of the Civic Development Corporation. In 1980, the Chamber of Commerce had a celebration in his honor and the *Ashtabula Star-Beacon* printed a special edition for the event. Survivors include a daughter, a son, and his wife, Marian, 1317 Willow Dr., Ashtabula 44004.

Richard Carroll Smith '23, Providence; Aug. 4. He was chief accountant for the city retirement system, working in the city controller's office for twenty-four years before retiring in 1970. He was later a legislative aide in the Rhode Island House of Representatives for ten years. Phi Gamma Delta. Survivors include a daughter and a son, Richard, 8 Calista, Smithfield, R.I. 02828.

Frances M. Wright '23, '24 A.M., Holiston, Mass.; April 4. She was a mathematics instructor at the University of Oklahoma from 1924 to 1927, and then at Elmira College in New York until 1942. During World War II, she was a technical aide in the Office of Scientific Personnel at the National Research Council in Washington, D.C., where she was in charge of personnel. After the war, she returned to teaching, first at Harper College, State University of New York, and then at SUNY-Binghamton, where she retired in 1970 as associate professor emerita. Phi Beta Kappa. She is survived by a brother and a sister, Dorothy Robbins, Holiston 01746.

Ella Charlotte Rogers '24 A.M., Norwich, Conn.; April 2. After working and teaching at MIT, she did graduate work at Yale and for three years taught at the University of Missouri, where she earned her Ph.D. in 1928. She later taught at House in the Pines in Norton, Mass. Survivors include a niece and nephew. No other information regarding survivors is available.

William Harmon Wolford '24, Schenectady, N.Y.; May 1. No other information is available.

Bruce Woodallen Chapman '26, at his winter home in Coolidge, Ariz.; March 17. A resident of Grafton, Vt., he was a radio program producer and a writer who used the pseudonyms, "The Answer Man" and "Pete Howe," and wrote two books, *Here's the Answer* (1946) and *Why Do We Say Such Things* (1947). The Answer Man radio program was broadcast live in many cities, including New York, Boston, Chicago, and Los Angeles, and on several regional networks. Under the name of Pete Howe, Mr. Chapman wrote a syndicated newspaper column, "Here's Howe" from 1945 to 1982. He began his

career as a cameraman and editor for Selznick Pictures in New York City and as the New York sales manager for Bridgeport Chain Company. In 1931, as president of Bruce Chapman Company, he produced programs for NBC's two radio networks, the Red and the Blue (the Blue network later became ABC), and engaged in various consultancies in the entertainment industries. From 1949 to 1955, he produced "The Answer Man" in various languages in Europe under the auspices of The Marshall Plan to aid in economic recovery in Europe under the aegis of the U.S. Economic Cooperation Administration and its successor agencies. Mr. Chapman was a vice president and trustee of the Albert Payson Terhune Foundation, president and honorary president of the Grafton Improvement Association, a member of Broadcast Pioneers, the Academy of Television Arts and Sciences, and Zeta Psi fraternity. Upon his retirement to Vermont, he interviewed potential freshmen for Brown. Survivors include a son, William, of Sausalito, Calif.; and a grandson, William, Jr. '80.

Edmund Howarth '26, Peace Dale, R.I., a retired contracting engineer with the Hartwell Company, Inc.; July 20. He was a private in the Army during World War I. He is survived by his wife, Mary, 1221 Sauquoit Rd., #W303, Peace Dale 02883.

Charles Harold Johnson '26, Largo, Fla.; Sept. 1, 1985. A banker and commercial real estate broker, he was director of Prudence Realization Corporation prior to establishing his own commercial mortgage brokerage business, which he operated until his retirement. He was an expert rifle marksman and was a civilian instructor in marksmanship for the Army during World War II. He is survived by two sons, including **Richard** '63, 84-19 51 Ave. #6B, Elmhurst, N.Y. 11373.

C. Clifford Hanson '27, Lexington, Mass.; July 9. For twenty years, he was employed by Arkwright Insurance Company in Waltham. During World War II, he worked for W.H. Nichols Company in Lexington, then a branch of the main plant in Waltham. He was well-known in the Lexington area for refinishing antiques, which he did as a hobby. Survivors include two sons and his wife, Emma, 905 Massachusetts Ave., Lexington 02173.

Margaret Yeager Bengtson '28, Greenwich, Conn.; May 14. She worked for the New York Telephone Company for several years, married, then settled in Greenwich where she raised her family. She was active in volunteer work for the First Presbyterian Church of Greenwich and the American Red Cross. Among her survivors are three children, including Peter, 8009 Chesterfield Dr., Knoxville, Tenn. 37909.

Martha Whitman Cirillo '28, Bristol, R.I.; July 26. Survivors include her sister, Mrs. Francis York, 24 Buffalo Ave., Warren, R.I. 02885.

Robert Noble Conger '28, Venice, Fla., a retired representative with the James M. Carroll Company of Laconia, N.H.; March 31. He was a member of the American Canoe Association and Beta Theta Pi. Survivors include his wife, Mary, of Venice, Fla., and Box 508, Meredith, N.H. 03253, and a son.

Virginia Wright '28, Brooklyn, N.Y.; May 23. She was a secretary for Exxon in New York City from 1934 until her retirement in 1955. A former president of the Pembroke Alumnae Club of New York from 1937-1939, she also served as class agent from 1955-1975. She is survived by her sister, Frances W. Margut, 1117 Washington St., Lebanon, Pa. 17042.

John Reynier Van Nest '29, Needham, Mass.; March 30. The senior purchasing agent for Wellesley College for a number of years, he later worked for the Damon Corporation in Needham as administrative assistant to the president until his retirement last year. Survivors include two sons and a daughter, Barbara, 59 Frairy St. #111, Medfield, Mass. 02052.

Merton Chadsey Soule '30, Pawtucket, R.I.; Aug. 13. A lifelong resident of Pawtucket, he was president of the former H.M. Soule Construction Company of Pawtucket for more than forty-five years before retiring in 1974. He was active in Pawtucket civic affairs; held memberships in several area clubs, lodges, and societies; and was a member and deacon of the Pawtucket Congregational Church. During World War II, he served with the Army Air Corps and was discharged with the rank of major. He is survived by a sister and by his wife, Edith, 20 Massasoit Ave., Pawtucket 02861.

Aaron N. Caslowitz '31, Hollywood, Fla., a wool broker for more than thirty years until retiring fifteen years ago; July 21. A past president and investment advisor for the former Criterion Associates, a member of Temple Beth-El and its Brotherhood, and a member of the Jewish Home for the Aged, he was a Providence resident for twenty-seven years until moving to Florida ten years ago. In 1981, he established The Aaron and Helen Caslowitz Library Fund at Brown. Surviving are his wife, Helen, 950 Hillcrest Dr., Hollywood 33021; and two daughters, including **Norma Caslowitz Munves** '54.

Kenneth Taylor White '31, South Miami, Fla., a retired executive for Kennedy's Men's Clothing Store; May 9. After attending Harvard Business School, he joined the Kennedy's store in Boston in 1936. He retired in 1971 after working for five years at the South Miami store. A resident of Swampscott, Mass., before moving to Florida, he was a counselor for Alcoholics Anonymous in the Lynn, Mass., area and then in Florida. Survivors include a son, two daughters, and his wife, Lillian, 5940 S.W. 87th St., Miami 33143.

Marjorie Smith Harris '32, West Hart-

ford, Conn.; July 29. She lived most of her life in West Hartford and taught history and algebra for several years at Rockville High School. Survivors include a daughter and a son, Richard, of Knob Noster, Mo.

Alan King De Witt '34, Winston-Salem, N.C.; June 5. A twenty-four-year resident of Barrington, R.I., he moved to Bermuda Run, N.C., two years ago. He retired from Sperry-Univac in 1977 after twenty-nine years of service as a sales manager. He was active in the Brown Club of Rhode Island and a member of the Barrington Yacht Club and later the Bermuda Run Country Club. An Army veteran of World War II, he served in the U.S. Army Reserves for twenty-one years, retiring in 1972 with the rank of lieutenant colonel. Psi Upsilon. Survivors include three sons, four stepchildren, and his wife, Barbara, 622 Spyglass Hill, Bermuda Run 27006.

R. Lee Foote '34, Muskegon, Mich., former mayor of North Muskegon and retired president of Super Service Stations, Inc.; May 16. He was elected mayor of North Muskegon in 1950 and during his administration sought to draw attention to Muskegon-area beaches and the diversified industry, which contributed to a booming post-war local economy. Long active in the area's civic and business events, he was elected president of Super Service Stations, Inc., a wholesale distributor of gasoline and petroleum products, in 1952. He joined the company in 1931 and worked until 1942; then rejoined the firm in 1948 as vice president after six years with Continental Aviation and Engineering Corporation. In 1965, he joined the sales staff of Harvey I. Ne-deau, Jr., Realtors. Phi Gamma Delta. Information regarding survivors is incomplete.

Joseph Henry Cullen, Jr. '35, Southbury, Conn.; July 21. He was an executive with the Stamford Rolling Mills for many years and later was associated with The Bank of New York. During World War II, he was a first lieutenant in the Army Air Corps and served in Europe. He is survived by his wife, Dorothy, 35C Heritage Village, Southbury 06488.

David Louis Sugerman '35, Cranston, R.I.; Aug. 13. He was executive vice president of Monet, a Providence jewelry company, for forty-seven years before retiring in 1983. He held memberships in several civic organizations and was a lobbyist at the State House for the AARP and a member of the Governor's Committee for the Handicapped. Survivors include two daughters and his wife, Edith, 12 Alhambra Cir., Cranston 02920.

B. Boyd Harrington '38, Ormond Beach, Fla., a retired accountant with the General Electric Company in Syracuse, N.Y.; June 9. Information regarding survivors is unavailable.

Clare Ulysses Phillips '38, Cranston, R.I.; Aug. 10. He was president of the Unit-

ed Wire and Supply Company of Cranston from 1978 until retiring in 1983. He was a member of the Copper and Brass Association. Survivors include two sons, including **Keith** '76; a daughter; and his wife, Barbara, 11 Permain Rd., Cranston 02920.

Walter Axelrod '40, Providence, co-owner of a music store and civic leader; July 28. In addition to Axelrod-Music Inc., a seventy-five-year-old family business and one of the few full-line music stores in New England, catering to music students as well as professional musicians, he also owned the Providence Music Press, which published the works of local composers. He was an honorary director of the board of the Rhode Island Philharmonic Orchestra and a member of the board of the Boy Scouts of America. He served in the Army during World War II. Survivors include a daughter and a son, **Alan** '76, 45 Nicholas Brown Yard, Providence 02906.

Capt. Channing Howard Cox '41, USN (Ret.), Washington, D.C., attributed to anaphylactic shock caused by a bee sting on June 4; June 15. He was a retired Navy captain and aviator who served in the Pacific in World War II and in Korea during the conflict there. He began his naval career in 1941, was stationed in Washington in 1962, and then assigned to the Defense Intelligence Agency from where he retired in 1969. He earned a master's degree in business administration from George Washington University in 1967. He is survived by three sons and his wife, Anne, 6330 Waterway Dr., Falls Church, Va. 22044.

Eldridge H. Henning, Jr. '42, South Kingston, R.I.; Aug. 1. He was a Providence lawyer and South Kingston probate judge from 1977 until illness forced him to resign in July. He was a former chairman of the Cranston Board of Canvassers. During World War II, he was a Navy pilot. Phi Delta Theta. Survivors include a brother, **William** '46; two daughters; and his wife, Ruth, 42 Hillside Rd., Wakefield, R.I. 02879.

Harriet Sturtevant Haumann '43, Huntington Station, N.Y.; Aug. 7. She was head class agent from 1973-1975. Survivors include a son, **David** '77; and her husband, Rudolph, 22 Longwood Dr., Huntington Station 11746.

Richard Lee Sneider '43, Brandon, Vt., U.S. ambassador to South Korea from 1974 to 1978; Aug. 15. During a State Department career that spanned three decades, he was a key official in formulating U.S. foreign policy toward East Asia, and was a leading negotiator during post-World War II talks leading to the restoration of Okinawa to Japan. As ambassador, he was in South Korea during controversies over proposed U.S. troop withdrawals and human rights issues. He served in the Army from 1943 to 1946, earned a master's degree from Columbia in 1948, and entered the Foreign Service in 1954. Before being appointed ambassador to South Korea, he was sta-

tioned in Tokyo, Karachi, and Buenos Aires. After his retirement in 1978, he was a consultant and a fellow or trustee of several academic and cultural institutions, including the Center for International Affairs at Harvard and the Asia Society. Information regarding survivors is incomplete.

Shirley Rose Zohn '45, Brookline, Mass., a former electronics engineer at the Laboratory for Electronics in Boston and a self-employed tax accountant; Aug. 5. Survivors include two sisters, **Sylvia (Pitnor) '41** and **Miriam (Wotiz) '46**; and her mother, **Tillie Rose**, 356 Blue Hill Pky., Milton, Mass. 02186.

Mary Dexter Bates '47 A.M., '54 Ph.D., Woodstock, Conn., a retired associate professor of English at Ithaca (N.Y.) College; Aug. 7. A graduate of Mount Holyoke College, she taught veterans returning from World War II at Brown for several years before going to Ithaca, where she taught English until her retirement in 1972. Survivors include a brother, **Dr. David H. Bates**, Woodstock Hill, Woodstock 06281.

Martha Roope Wallace '49, Stony Brook, N.Y.; May 26. She was admissions counselor and assistant to the director at SUNY-Stony Brook for twelve years until her retirement in May 1985. Survivors include two daughters, two sons, and her husband, **Adrian**, 7 Sand St., Stony Brook 11790.

James Potter Brown, Jr. '50, Providence; Aug. 27. He was the former president of the Glencairn Manufacturing Company of Pawtucket, a shoelace and braid firm. He joined the company in 1951, becoming president four years later, and retiring in 1982. He was a director of the Pawtucket Mutual Insurance Company. During World War II, he served with the Army Air Forces. Alpha Delta Phi. Among his survivors are two sons, including **James III '80**; a daughter; and his wife, **Greta**, 60 Pratt St., Providence 02906.

Thomas Ives Hare Powel '51, Southport, Conn., a self-employed engineer and inventor; July 18. He was a World War II Navy veteran. Survivors include a son, a daughter, and his wife, **Sarah**, 14 Willow St., Southport 06490.

Maurice A. Auger '52 A.M., Maplewood, N.J., an administrator in higher education for the United Nations in Paris for twenty years and a former Brown professor of philosophy; July 8. A graduate of the U.S. Naval Academy, he served on the aircraft carrier *Yorktown* in the Pacific in 1945. He studied at the Sorbonne, Paris, in 1951 under a Fulbright Scholarship and taught philosophy at Brown from 1948 to 1950. He is survived by three sisters, including **Gertrude Auger**, of Lincoln, N.J.

Therese Picavet Dixon '52 A.M., Simsbury, Conn.; April 7. She was a former employee of the Voice of America, broad-

casting in French to West Africa. She was a member of the board of directors of the Friends of Simsbury Library. Survivors include two daughters and her husband, **John**, Sunset Hills Rd., Simsbury 06070.

Jesse Lowen '52, New York, N.Y.; June 4. He was a writer and the brother of the late **Barry Lowen '57**. He is survived by his parents, **Mr. and Mrs. Stanley Lowen**, 521 West Tropical Way, Plantation, Fla. 33317.

Robert Fairbank Hewes '53, Silver Lake, N.H., director of university relations and publications at The Johns Hopkins University for fourteen years; July 30. He headed the public relations department at Hopkins from 1969 until 1982, holding the title of assistant vice president for university affairs for most of that time. For two years, he directed the publications office. In 1983, he fulfilled his dream of owning a country store and moved with his wife to Silver Lake, N.H., where they ran the Silver Lake General Store. Mr. Hewes earned a degree in journalism from Columbia in 1956. In the late 1950s, he wrote for *Theater Arts* magazine and the Connecticut weekly, *Stratford News*. From 1959 to 1968, he taught journalism at Columbia and also worked in the university's public relations office. For a brief time before moving to Baltimore and the Hopkins job, he and his wife owned a graphic arts business in Woodstock, N.Y. Survivors include six children and his wife, **Mary**, Box 180, Silver Lake General Store, Silver Lake 03875.

C. Quentin Miller '53, Mystic, Conn., a retired chemical supervisor for the E.I. du Pont de Nemours Company in Deepwater, N.J.; June 8. He is survived by his wife, **Shirley**, 23 Hinckley St., Mystic 06355.

Dr. S. Jerome Port '53, Los Angeles, Calif.; June 4. He had a private practice in Beverly Hills for twenty-four years, specializing in internal medicine and cardiovascular diseases. He was on the staffs of Cedar-Sinai Medical Center, Midway Hospital, Westgate Hospital, and Century City Hospital, and was an associate clinical professor of medicine at UCLA. Dr. Port went to the West Coast to do his internship after graduating from Tufts University in 1957. Survivors include two sons, two daughters, and his wife, **Susan**, 951 Westlake Blvd., Ste #214, Westlake Village, Calif. 91361.

Ethel WaGaw Chin '54, Avon, Conn.; Feb. 10. She was a substitute teacher of special education and art in the Avon, Burlington, Canton, Farmington, Plainville, and Simsbury Public Schools. Previously, she was employed as a secretary in New York City and at Christ Episcopal Church in Avon for many years. She received a master's degree in special education from Central Connecticut State University in 1982. During World War II, she served as a WAVE in the Navy. Survivors include two sisters and a brother, her daughter, and her husband, **Charles**, 22 Homestead Ln., Avon 06001.

Joseph Francis Bombino '54, Medway, Mass.; March 7. He taught for several years in the Concord (Mass.) school system; then, until his retirement in 1980, was a counselor at Southwood Hospital in Norfolk. He earned a master's degree from Harvard, attended Framingham State, and served in the U.S. Coast Guard. Survivors include a son, three daughters, and his wife, **Phyllis**, 150 Summer St., Medford, Mass. 02053.

J. David Perrine '54, Ridgewood, N.J., a civil engineer with Goodkind and O'Dea of Clifton, N.J.; April 3. He graduated from Princeton in 1956 with a master's degree in engineering. Active in community affairs, he was also a member of the American Society of Civil Engineers and the Institute of Real Estate Management. During the 1960s, he traveled the world while working as a project engineer for Louis Berger & Associates, Inc. of East Orange, N.J., and as a civil/soils engineer for Bourne Associates International, Inc., of San Francisco. He is survived by his wife, **Marjory**, 463 Van Emburgh, Ridgewood 07450, two sons, and five children from a previous marriage.

John Elwyn Royal '54, Salem, N.H., a salesman for the 3M Company; unexpectedly at home on June 18. He is survived by his wife, **Lois**, 12 Peggy Ln., Salem 03079; two sons; and a brother, **Lewis '49**.

John William Middendorf III '59, Baltimore, Md.; June 16. No other information is available.

Roger Lee Riffer '63, De Witt, N.Y., chairman of the sociology department at Le Moyne College in Syracuse, N.Y.; June 19, of Hodgkin's disease. He was president of the United Nations Association of Central New York, vice president of the New York State Sociological Association, and a convener of the Interreligious Instruments for Peace, a group of Syracuse clergy and lay people seeking to halt the arms race. He received his Ph.D. from the University of Rochester in 1972. He is survived by a brother, **Alan '70**; two children; and his wife, **Nancy**, 301 Cornwall Dr., De Witt 13214.

Bernard Joseph Kant '64, a producer and director in New York City; Aug. 11, 1985. Information regarding survivors is incomplete.

W. Bruce Darling '66, Brampton, Ontario; Jan. 1, of heart failure brought on by chemotherapy. He was chairman of the physical education department at Mayfield Secondary School in Brampton. A native of Sudbury, Ontario, he led the Ivy League in scoring for three successive seasons and established a three-year Ivy scoring record of 62 points, finishing his career as Brown's fifth highest scorer with 126 points. In 1964-65, he led the ice hockey team that won the Ivy title, took two of three ECAC games, and earned a berth in the NCAA Tournament, played that year at Meehan Auditorium. He was captain of the team the follow-

ing year and earned first-team All-Ivy honors. On the occasion of Darling's induction into the Brown University Athletic Hall of Fame in 1979, his coach, Jim Fullerton, recalled the outstanding wingman: "The thing people should never forget is that [he] was the toughest man at digging the puck out of the corners in the offensive zone that I have ever coached. He was a hard-nosed, hungry player and a fine team leader." In 1967, Darling represented Ontario in the first Canadian winter games. Information regarding survivors is incomplete.

Virginia Emirizian '67 M.A.T., East Greenwich, R.I.; April 16. An English teacher in Providence for many years, she taught at Mount Pleasant High School for fourteen years before retiring in 1981. Survivors include a brother, Edward, 61 Burnett Rd., Warwick, R.I. 02889.

Mary Hollenbeck Schwartz '67, Alexandria, Va.; May 25. She was an administrative assistant at the Smithsonian Institution, Washington, D.C., and lived for many years in East Providence before moving to Virginia. Survivors include her father, Joseph, 60 Thatcher St., Rumford, R.I. 02916.

John Pierre Richert '72 A.M., '72 Ph.D., Mays Landing, N.J., a professor of law and political science at Stockton State College in Pomona, N.J.; April 12. He worked as a financial analyst in law and international banking for Chase Manhattan Bank before joining the college faculty in 1971. He served as a special master for cases in federal courts. His scholarly work included a book, *West German Lay Judges*, and more than forty articles about law and criminal justice. He received fellowships from the American Philosophical Foundation, the Alexander von Humboldt Foundation at the Max Planck Institute, the W. Randolph Burgess Fellowship at Brown, and a Fulbright-Hays Fellowship at Wesleyan University. Survivors include his son and his wife, **E. Susanne Gall Richert** '68, '76 Ph.D., 339 West Main St., Mays Landing 08330.

Reginald G. Jackson '78, Washington, D.C.; Feb. 13. He was employed by National Public Radio. Information regarding survivors is incomplete.

Abigail B. Mackey '86, Milton, Mass.; July 15. She is survived by her parents, Mr. and Mrs. William K. Mackey, 159 Hillside St., Milton 02186.

WIZARDS

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older editors just don't want to learn it. They say the film doesn't seem to be there; they're not abstract people. A few shows have given us younger editors to train, and they love it; it's a joy to watch them using it."

SoundDroid, a digital soundtrack editing system, is still being developed,

and the only one in use is at The Droid Works. It already has proved its mettle, however, in enhancing the sound effects for the movie *Indiana Jones and the Temple of Doom*, and for noise reduction in *Amadeus*. The machine simplifies the process of putting together a movie soundtrack, allowing editors to rearrange dialogue, sound effects, and music without actually cutting or touching a piece of recording tape. This complex process ordinarily requires whole rooms full of equipment and thousands of separate procedures. With SoundDroid, all of those procedures—from storing specific sound effects to actually adding the final soundtrack to the film—are accomplished in one place, speedily and with fewer personnel.

"Sound editing is very labor-intensive," Schantzis says. "Usually at the end of a movie you'll see thirty or so credits for sound. SoundDroid can bring those down to about four credits." He begins a brief explanation of how SoundDroid does all that work—tossing off such terms as "signal processing," "graphic interfacing," "equalization and compression," and "analog digital converter." He pauses, perhaps arrested by the look of bafflement on a visitor's face, and says, "You don't want to know how hard it is to write the programming for this."

Easier to comprehend, and more fun for the non-scientist, is a demonstration of Lucasfilm's sound-effects library. In a carpeted workroom, Schantzis taps at a SoundDroid keyboard and displays a directory of sounds on a computer monitor. Under the heading of "birds," the directory lists categories such as "African," and under that, it gets really specific: "African fish eagle cries."

Schantzis then searches for "dog sounds" and pauses at a listing that reads, "Puppy whining, whimpering outdoors." He says, "Let's play this one," and hits a key. Two enormous speakers fill the room with the high-pitched cries of a young dog. Next he selects "Dog scratching; tinkle of collar tags," and we're surrounded by loud sounds of metallic jingling and the abrasive noise of toenails raking a furry pelt.

"This is a real improvement over the current system of storing sound effects," Schantzis notes. "We have 700 hours of effects in the Sprockets sound library that can automatically be transferred to a tape by SoundDroid. In the old system, you have a wall full of reels holding sound effects on quarter-inch

tape. Sound editors have to memorize those libraries, retrieve each sound needed, and pass it along to a transfer operator who puts it onto a tape for the editor to use."

Clink, clink, jingle, clink. The imaginary dog is scratching at an imaginary flea again in the SoundDroid workroom, and Brown's young computer wizards are having a blast. Yet a few serious notes intrude on the whimsical scene. Rubin, for example, is looking ahead to his career, thinking of ways he can apply the experience he's getting at The Droid Works. "I'm working with studio execs, with computers, with the business people," he says. "There's almost nowhere I could learn as much as I've learned here, at my age." Michael Rubin is twenty-two.

Kate Smith, too, is thinking about the future. "In the computer industry, being somewhere two years is a long time," she says. "I'm still learning a lot about managing, but I'm getting itchy." Smith is twenty-four. She and her Brown colleagues at The Droid Works and Pixar have catapulted right from college to the most advanced frontiers of their fields, and they seem happy and determined about staying there. **B**

NORDLINGER

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state-society relations, but about the distribution of power within society."

Nordlinger explains that there is a range of views about who has the power in society. One view suggests the notion of a small elite in control—say the military-industrial complex, or corporate America, or the capitalist class. Another view holds that small, well-organized and financed interest groups are controlling, and another that it's large organizations of employers, labor, and farmers. Or it could be large numbers of people in organizations calling the shots.

"Questions can also be asked about resources and their effect. Is it money, or organization, or the number of individuals that's important?"

But whatever the power of different societal actors, Nordlinger concluded that "the state is frequently autonomous in translating its own policy preferences into public policy. Clearly it does so when the most powerful societal actors with an interest in the issue hold similar preferences. Much more important, when there is a divergence between state preferences and the demands of the best endowed societal

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Alumni Relations Office and the Associated Alumni of Brown University

CALENDAR OF EVENTS

The Associated Alumni of Brown University offers a calendar sampling of what we are all about. Published for the 13th consecutive year, this feature invites graduates to discover a wide variety of interesting Brown happenings across the country. This calendar cannot be definitive because even as this magazine goes to press, new and exciting events are being planned by Alumni leaders in many cities. Names and phone numbers make contacts easier, so we have included them wherever pertinent or practical. Consult the list of leaders of the Associated Alumni and Club Presidents at the end of the article and call a leader in your area to secure additional information about events in your area.

Brown Events in Cities Across the Country

OCTOBER

3

The Brown University Club of Fairfield County, Inc.

Annual kickoff dinner to benefit the Fairfield County Scholarship Fund, honoring Richard Salomon '32, Chancellor, Brown University. Greenwich Country Club, Doubling Road, Greenwich. Cocktails 7 pm; Dinner 8 pm. \$35 for Brown Club members; \$40 for non-members. RSVP with Chris Gallo 203 579-7870 days or 203 926-1583 evenings.

4

Brown vs Princeton. Tailgate at stadium parking lot #20. Look for Brown bears and banners!

Brown Club of Santa

Barbara. Cocktails and a buffet dinner at the home of Dr. and Mrs. Bruce McFadden, 4465 Via Alegre, Hope Ranch, Santa Barbara. Professor of Anthropology, William Beeman, will give a presentation on *The Middle East: Prospects for Peace Now*. 4 to 8 pm \$15.00 RSVP 963-8911.

The Brown University Club of Southern California, the Alumni Relations Office and the Brown Sports Foundation are sponsoring the 4th annual live football telecast — Brown vs Princeton on big screen television at the Hamburger Hamlet, 2927 So. Sepulveda Blvd. (just north of National), West Los Angeles. The price is \$6 at the door, which can be applied to either food or drink. To RSVP or for more information, contact Rose Samuels at 213 935-2062 or Pat Balicek 213 273-6333.

5

Third World Alumni Network, Philadelphia. Members will be gathering for brunch. Place and time to be announced.

7

Pembroke Club of Providence. Fall Seminar Series will focus on "Brown Studio Artists and their Works." Held on five consecutive Tuesday mornings with members of the Art Department beginning Oct. 7 at Mad-dock Alumni Center. Members \$10/non-members \$12. Contact Mrs. Giovanni Folcarelli at 401 647-5777.

15

Brown University Club of Southern California. Brown Club sponsored luncheon with Dean Bruce Donovan. Place and time to be announced.



18

Brown vs Cornell. Tailgate with Brown friends and acquaintances in the parking lot at the Big Red Barn off Garden Avenue near the intersection of Tower Road; Brunonians celebrate victory when they return to the Big Red Barn for the post-game reception!

Brown Club of Washington. Live via satellite, the Brown vs Cornell football game will be broadcast in DC at 1 pm at the Roma Restaurant.

19

Brown University Club of Westchester County. An Evening with the Faculty cocktail party at the home of Harry and Joy Henshel, 24 Murray Hill Road, Scarsdale. Jan Kleeman, Assistant Professor of Music, discusses *1950s Rock 'n Roll: The Metaphor and the Pun*. 4 to 7 pm

Brown Club of Boston. Head of the Charles Regatta. Cheer on your alma mater's nationally ranked crew with fellow Brunonians. Contact John Kaufman for details at 617 235-1175.

24-28

Alumni Lecture Tour. Professor of Religious Studies Giles Milhaven will be speaking in the following cities:

- 24 Richmond/Williamsburg-Norfolk, VA
- 25 Raleigh/Durham, NC
- 26 Atlanta, GA
- 27 Nashville, TN
- 28 Memphis, TN

NOVEMBER

1

Brown vs Harvard. Prepare for the fun when Brown fans, young and old, tailgate at the Business School parking lot on Western Avenue next to the WGBH studios.

7

Brown University Club of Northern California invites you to a Soccer Clinic for children of alumni in connection with the Brown vs Stanford soccer game. Contact Club President Peter Keating for exact location and time. 415 954-5931.

11

Third World Alumni Network and the Brown Club of New York are cosponsoring a forum on South Africa at the Brown Club, 50-52 East 41st Street in New York, from 7 to 9 pm. Contact Jeff Williams at 401 863-3307, or Risa Dinman at the Brown Club 212 686-0022.

19

The Brown Club of Boston. Annual kickoff meeting with faculty lecture by Theodore Sizer, Chairman, Department of Education at Brown. Boston Park Plaza Hotel, 64 Arlington, Boston. Members \$6. 6 to 9 pm (hors d'oeuvres and cocktails begin at 6:00). For information contact Mike Perna at home 617 326-5093.

20

Brown Club of Washington DC. Professor Tom Anton will talk about Brown's newest "Washington" department, The Taubman Center for Public Policy and American Institutions. Contact Bob Samors for further details at 202 546-8468.

22

Brown vs Columbia. Warm up with fellow Brunonians at the Columbia Boat House for a winners' post-game reception.

23

Brown University Club of Philadelphia. Annual Cocktail Party and Auction to raise money for the Regional Scholars Program. Held at the home of John and Deborah Lecky. 5 to 8 pm. For more information please contact Chairman Polly Davis at 215 853-3747 or 215 667-9612.

DECEMBER

NASP Holiday Party in St. Louis and Hartford

6

Annual Pembroke Alumnae Club Luncheon and Auction. Money raised goes to scholarships or to the Nancy Duke Lewis Professorship.

National Alumni Schools Program

OCTOBER

18

NASP Area Committee of Milwaukee, Wisconsin NASP Recruiters' Training Session, for new and veteran NASP workers, with special guests Jim Corbett '62, national Chairman of NASP, and Dorcey Baker '78, new NASP Director.

DECEMBER

21-January 20

NASP Holiday Parties — Gatherings of alumni, current undergraduates and prospective students during the holiday season.

Brown 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.

OCTOBER

3

Career Forum: "Writing Careers" A panel of alumni professionals will be talking to undergraduates about careers that use writing skills. 3:30 pm, the Maddock Alumni Center. All Career Forums are co-sponsored by Career Planning Services.



24
Career Forum: "Careers in Medicine" A panel of alumni will be talking to undergraduates about careers in medicine. 3:30 pm, the Maddock Alumni Center.

26
Legacy Breakfast: In honor of Alumni parents and their sons and daughters in the Class of 1990, Andrews Dining Hall, 9:00 am, \$.

31
Career Forum: "Careers in the Federal Government." 3:30 pm, the Maddock Alumni Center.

NOVEMBER

14
Career Forum: "Careers in Marketing, Sales, Marketing Research" 3:30 pm, the Maddock Alumni Center.

JANUARY

3-21
January Break Apprenticeships, Brown students test their career interests by spending their Spring Break on the job with alumni sponsors. If you would like to sponsor an apprentice, call the Network office at 401 863-3380.

23
Career Forum: "Careers in Film and Television", 3:30 pm, the Crystal Room, Alumnae Hall, Pembroke Campus.

Brown Travelers

Now is the time to plan your travel with Brown in 1987. When you choose a Brown Travelers trip, you'll tour with Brown faculty, experts who bring their knowledge and experience to the sites you'll visit. You don't worry about travel details. We make all air, hotel, tour, and baggage handling arrangements for you. You are free to enjoy the value and benefits of educational travel with your fellow alumni and friends of Brown.

The 1987 travel calendar is below. To get complete details, call the office of the Brown Travelers at 401 863-1946 or write to Box 1859, Brown University, Providence, RI 02912.



March 5-21
South Pacific Australia, New Zealand, and the Great Barrier Reef with Lea Williams, Professor of History; \$3250 per person double occupancy from Los Angeles.

May 1-16
Portugal with Onesimo Almeida, Assistant Professor Portuguese and Brazilian Studies; approximately \$2100 per person double occupancy.

May 30-June 14
Japan with William Beeman, Associate Professor of Anthropology; \$4140 per person double occupancy.



June 5-19
England, Wales, Scotland, Ireland with a Brown professor of English; approximately \$2995 per person double occupancy.

July 21-August 2
Alaska wilderness and glacier expedition, including cruise through the Inside Passage with Associate Professor of Geology Terry and Jan Tullis; \$2595-2995 per person double occupancy depending upon cabin choice on cruise ship.

August 21-September 2
Russia with Abbott (Tom) Gleason, Professor of History; approximately \$2750 per person double occupancy.

December 21-30
Vienna with Associate Professor of Music William Erney; approximately \$2000 per person double occupancy.

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NORDLINGER

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groups, public officials sometimes transform societal interests or shift political resources to their societal supporters. At other times the democratic state uses its own resources to counteract those of the dominant societal groups or neutralizes the sanctions they try to impose on public officials.

"Let me give you a hypothetical situation," he says helpfully. "If Congress somehow raised the minimum wage to \$5 an hour, journalists and academics alike would assume it was because labor had exercised more political clout than corporations or management—the assumption being that the state acted in the way the more powerful group wanted. But this is usually circular. People who assume this are working from the outcome; the fact that the minimum wage was raised is taken as evidence of labor's greater clout. But perhaps not. Perhaps Congress enhanced the interests of labor for its own interests despite capital's greater political resources."

Nordlinger's definition of autonomy is that the state is "autonomous to the extent that it acts on its own preferences, and it may do so when society agrees with it. It's also autonomous when it acts contrary to the demands of economics or the dominant class in society. The criticism I've received is that my definition of autonomy is too broad."

When Nordlinger's book on autonomy was published, there were three or four other people working towards this new formulation of democratic states as more independent of societal demands than commonly assumed. "Now the arguments of the book are widely accepted," Nordlinger says. "The whole notion has been called a paradigmatic shift."

There is a Yeats poem, "Long-Legged Fly," in which each stanza ends with the words, "Like a long-legged fly upon the stream/ His mind moves upon silence." Once he decided upon the lines of inquiry to pursue, Nordlinger's mind would settle upon the subject—be it conflict regulation, the autonomy of the democratic state, or national security issues—like a fly upon the stream. His life is the life of the mind, although his subjects "all have real world importance—questions about the emergence of democracy, violence, military coups,

responsiveness of city governments to their people, and now the security dilemma. All my work speaks to questions of importance in terms of political outcomes and the values that we have.

Application, practical application, has not been my major concern, although, if my work has been used, I'm delighted and thankful."

Having spent years slicing through issues to get at the heart of the matter, Nordlinger says he has recently eased up on his approach to his students.

"Without really thinking it through, I became more relaxed, less overtly critical of students' contributions. I haven't lowered my standards at all, but when students say something that isn't in the ballpark, I don't immediately jump in and say, 'Hold on!' I try now to lead them along sometimes in a humorous way—'You don't *really* mean that, do you?' They catch on and appreciate it. I think I can be more direct in pushing them to think clearly without creating any tensions as I did in the past. And as a result, I'm appreciating the interaction much more."

As a political scientist, is Nordlinger's world view different from the rest of us? "Well, maybe I see the world as a hell of a lot more complicated. As a political scientist, you realize that even the best programs have unintended and unwanted consequences. It's enormously difficult to engineer desired changes."

Nordlinger's discussions jump smoothly from one of his research topics to another, and back to his philosophy on teaching. He had reservations about agreeing to an interview, and when asked if those original reservations were borne out, he says, "Yeah. It was awkward answering some of the questions. And something just occurred to me—this story might make my daughter more reluctant to apply to Brown because of my teaching here."

There was one topic above others Nordlinger most wanted to talk about: "Don't forget to ask about fly-fishing," he said when asked about his leisure time. What about fly-fishing? Ah, this was one question he did not rephrase.

"There's nothing like walking in the currents of a beautiful river, hearing the sound of the water, watching it rushing over the rocks. I try to figure out where the fish might be, what they're feeding on. And I love the beauty of the arc of the fly line, and watching the fly float on the water, and the rarely-met expectancy of a strike. And there is the challenge of casting and getting the fly to move at exactly

the speed of the water."

He pauses a minute, lights his pipe, looks out the window. His mind, for once, has moved out of overdrive. **B**

SPORTS

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Loomis '88, who after a year of injuries, is healthy again. Harry Matternas '87 is back, as are David Ryan '88 and Rick Luby '88.

Two newcomers to the team who have an excellent chance of securing one of the three remaining spots on the varsity are Eric Grossman '90 and Fergal Mullen '89, an experienced distance runner who is a transfer student from Dublin, Ireland. The present roster of thirty-five also includes a number of freshman middle distance runners who, after gaining experience and strength this fall, will contribute to next year's team, according to Rothenberg.

But this is not a year only to look ahead. Rothenberg and Challener (Princeton '81) see 1986 as potentially a big year for Brown cross country. From perennial Heptagonal doormat and ninth in 1983, to seventh in 1984, to fourth in 1985, Brown has risen steadily, perhaps inevitably, to the top. "The greatest fear for a program," says Rothenberg, "is that you go from the bottom to the middle and then become satisfied with your mediocrity. Our task is to take the program all the way."

Dan Challener, a former All-Ivy distance runner at Princeton, works very closely with Shille and Whiteley. He came to Brown at the same time Rothenberg did, and although he is known formally as an assistant coach, Rothenberg prefers to call him his "co-coach." The arrangement is more than just titular. "We've both grown tremendously by having each other to bounce ideas off," Rothenberg says.

Developing the exceptional talent of Schille and Whiteley has, Challener admits, "rekindled my love of running" and has given him a new perspective on coaching. "I had never really considered coaching more than remembering what I had done," he says. That is all changed now, with depth charts, VO2 max formulas, 14 x .5 mile with one minute rest workouts, all part of today's sophisticated coaching methods. The program has grown off the cross country course and track as well. Rothenberg is able to draw the runners closer together with a cross country camp two weeks before the beginning of September classes, weekly pasta dinners, and

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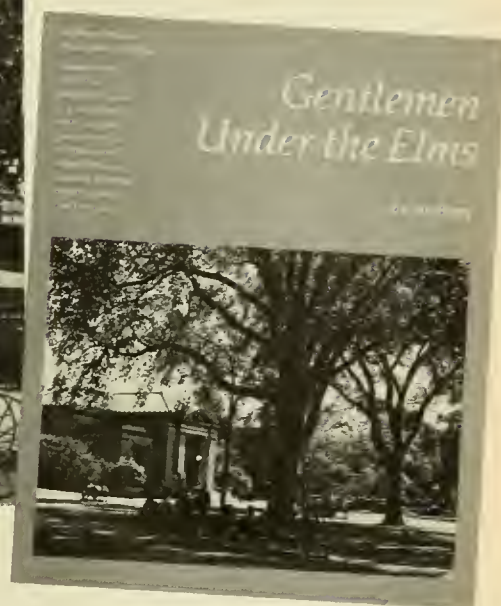
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As everyone now knows, the tax legislation which will take effect in January, 1987, will have profound significance in many areas. For the University, there is real apprehension that gifts from individuals will decrease because of lessened tax advantages – just at a time when continued and increased support is needed. The new “simplified tax” law is complicated. It is not possible to generalize on its application and result, even for specific income-levels, since the distribution of assets in any particular case can lead to a variety of outcomes. But Brown does have three messages for all those who have supported the University in the past and who contemplate doing so in the future:

- 1. The primary motivation in giving has always been philanthropic.** People give to Brown because they wish to see it prosper. The new rules of the game will emphasize, once more, that giving is a conscious philanthropic act, driven by a lively sense of the private obligation to support private institutions.
- 2. People of wealth will be readjusting their assets in light of the new rules of the game.** We ask that they consult with financial advisors and legal counsel – and that they keep the vital needs of the University and their commitment to Brown in active consideration.
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October, 1986

They are about to change the rules of the game.



special evenings with notable guest speakers, such as John Treacy, 1984 Olympic silver medalist in the marathon.

While both of Rothenberg's stars may share equally the gifts of enormous potential and raw talent, Schille and Whiteley are worlds apart as individuals, according to Challener.

Schille is from Redway, California, a small town in the far northern reaches of the state, near the Oregon border. There, in the rugged mountains near the home he helped to build, he trains during the summer. The solitary runs have taken on a special, almost spiritual, meaning for him, and he is charged by that energy. It helps to sustain him, he says, in the city.

"Running is Chris's life," Rothenberg says. And Challener likes to refer to Schille's intense concentration as "Zen and the art of distance running." He is the perfect example of the "tuned-out runner." Possessing great strength from his mountain conditioning, Schille has the ability to relax and channel all his energy into a remarkable unobstructed calm and tranquility while he is competing. Not one to jostle to a front spot early in a race, he will often run dead last, only to gradually move up and pass competitors as his natural rhythm and stride push him to the finish, Rothenberg says.

Greg Whiteley is from Irvine, California, where his father teaches at the University of California. While Schille may be, in a broad sense, more philosophical or spiritual about his approach to running, Whiteley is pragmatic. Highly recruited after high school, where he was a track star, he has specific goals. For example, he wanted the assurance that if he came to Brown he would have the opportunity to compete for a spot on the U.S. junior national team. (He tried out for and made the team, competing at the world cross country championships last spring in Neuchatel, Switzerland.) And while Schille "lives running," Whiteley puts the sport aside after a practice session or a meet. He is able to separate running from the rest of his life, and works deliberately at cultivating friendships and activities away from track and cross country. This, Rothenberg believes, fuels Whiteley's enthusiasm for meets. Dan Challener sums up the differences between the two runners: "Chris loves to run," he says. "Greg loves to compete." For both, however, divergent paths seem to be leading to the same finish—the top.



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