



Brown Alumni Monthly

June/July 1992

...AND WE'VE GOT A SMALL CLOG BY MANNING... LOOKS LIKE A PARENT LOADING FILM. A BIT OF HESITATION BY U. HALL, BUT PAST THAT A STRAIGHT SHOT THROUGH THE VAN WICKLES...

BAN THE REAL WORLD

Judy Dool
Brian Fara

It Doesn't Exactly Ride Would You Believe Nitro



The ES300

On Air. gen Gas?

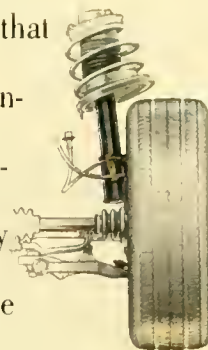


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Brown Alumni Monthly

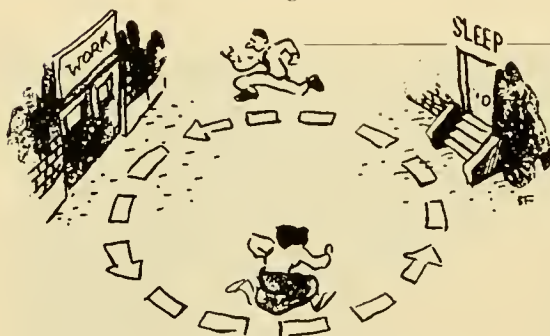
Volume 92, Number 9
June/July 1992

Under the Elms

Commencement temperatures take a plunge . . . the Medical School picks a dean . . . much ado about erotic photographs . . . and a class-action suit claims women athletes get the short end of the stick.



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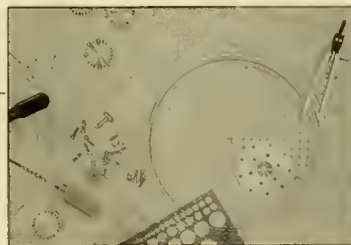
Your First Year of Post-College Angst

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A coping guide for the recently sprung, by cartoonists Brian Floca and Jeff Shesol, both '91.

Looking for the Cosmic Blueprint

Using high-tech space refrigerators and ultra-sensitive thermometers, cosmologists scan the universe for traces of the Big Bang.



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Faces from the Rising Generation

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Amidst all the debate about who should be getting Brown's financial-aid dollars, a look at seven who currently are.



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Cover: Illustration by Brian Floca and Jeff Shesol, both '91.

Brown

Alumni Monthly

June/July 1992
Volume 92, No. 9

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Address Correction Requested

Carrying the Mail

Complaints

Editor: Stop complaining about Brown's lowly rank in endowments, "Who has the big bucks?" (March). My son, valedictorian of his high school class, was denied admission and is now an honors student at Colgate University. You know where my contributions go now.

David Tecklin '54
New York City

Memories of Ladd

Editor: I read with pleasure the March article on Ladd Observatory. I took Professor Charles Smiley's introductory astronomy course when I was at Brown. Later I became an assistant at Ladd, keeping the Big Eye focused on the subject of that night's lecture.

Professor Smiley was a strict teacher who became my friend; we exchanged Christmas cards for several years after my graduation. In 1955, I mailed my Christmas card from Kyoto, Japan, where I was stationed with the U.S. Army, and mentioned that I planned to visit Kwasan Observatory nearby. He promptly sent me a letter of introduction to its director which made the visit especially good.

Your article reminded me of the night when ball lightning rolled into the Ladd Observatory library. I had gone there to study after thunderstorms had shut down night observations. A blue ball of plasma floated down into the chimney, out of the fireplace, and across the room to disappear into a disused gas fixture on the wall where it presumably found its way to ground.

One item of construction not mentioned was that (I was told) the dome revolved on cannon balls; their unevenness accounted for the large amount of noise generated when one pulled the rope to turn the dome. I had to be careful not to drown out Professor Smiley.

Thomas R. Stetson '54
Falmouth, Mass.

Helping others

Editor: The students' comments in the Pawleys Island Journal (March) struck a very responsive chord. These young people have already experienced one of life's great lessons: there are very few things that can match the pleasure and satisfaction of being an active part of a useful group, and doing something to help other people.

I know because I have done a lot of volunteer work – and enjoyed every minute of it. I helped coach a YMCA swimming team; I was a volunteer fireman for twenty years – that included things like getting out of a warm bed and going out in zero weather because some damn fool went to sleep with a cigarette; and sometimes really exciting things like carrying a hose up to the roof of a burning house to help save someone's home; and getting people out of a burning car before the gas tank exploded; and being part of the greatest esprit de corps of any group I have ever known. Down here I have been a senior mentor, working with problem students in the high school wood shop; I have made slide shows for Habitat for Humanity, and several other projects; and am now doing some interesting photographic work for the Museum of Arts and Sciences.

My congratulations to that group of students.

George Oliver '33
Daytona Beach, Fla.

Bruno

Editor: Bruno's Marvel hibernation is over, and his tracks lead to the Green (Under the Elms, February). The Facilities and Design subcommittee has spoken, but what an egregious conclusion. And what a process! The Campus Planning Committee, with representatives of the faculty, administration, and student body, votes three times to place the statue at the Athletic Complex, but the deci-

sion warrants further review. The decision is then made by a select group reflecting a narrower spectrum of representation. What's wrong with this picture?

This statue was "given by alumni," but alumni are the only group not to have a formal vote or referendum. Bruno "belongs" to all alumni and the decision should have reflected the clearest possible consensus. It is well and good to urge a more generous view of Bruno's role, but it is also incumbent upon the decision-makers at Brown to be more generous and inclusive in matters such as this. Not placing the question squarely and directly before the alumni only reinforces the perception that some Bears count more than others.

In addition to the overall process, the "revisionist" rationale espoused by the subcommittee does not make sense. The assumption that Bears (as a genus) are important to Brown is valid, but it does not necessarily follow that this statue needs to have an enlarged symbolic definition. There are, after all, other bears on campus, just as at Princeton there are non-athletic tigers at rest. Bears, like people, can play different roles.

Finally, in terms of this decision redressing an old mistake, the facts argue otherwise. Bruno did not become an athletic symbol by location association rather than by intent. The original Bronze Bruno Committee, after investigating several sites including the gym, favored a spot on the Green. So too did the University's advisor on architectural development. Bruno's placement at the "new gym" was a choice based primarily on symbolism, not site, and the rest, as they say, is history.

Only history can judge whether this [latest] decision is wise and just, and whether Bruno has not yet found its final home.

Peter A. Mackie '59
Lexington, Mass.

Editor: The simple decision on where to place a generally well-liked bronze sculpture of a bear which has for years symbolized the University seems to have required two years, three meetings of the Campus Planning Committee, the formation of a related subcommittee, the overruling of that subcommittee, campus newspaper opinion polls, and general hand-wringing all around. When silliness of this kind happens in

the corporate world, it is usually symptomatic of weak executive leadership or organizational paralysis. One hopes that this is not the case at Brown, and that dear old Bruno will soon be able to enjoy the spring air without further administrative torture from working groups, task forces, or similar enemies of the "spirit of Roger Williams" which – as you helpfully point out – is referred to on the rear inscription of the statue.

Paul Maglione '81
Brussels

Editor: Why has some cat been allowed to track across the top of the article on the Marvel Bear? Has the Princeton tiger been trying to boss us around?

John J. Seater '69
Raleigh, N.C.

Missing family

Editor: Before reading "The Fate of the Family" (April) I hoped I would find a thoughtful article challenging our stereotypical notions of what constitutes a family in America as we approach the end of the twentieth century. Instead, I found only a modified version of "Leave It To Beaver" with commentary on changing relationships at home and in the workplace. Nowhere did I see an acknowledgement of the diversity of the family structures, the increasingly inclusive meaning of "family" in our society, the choices which people have in claiming their own families, and the rejection generally of the "Father Knows Best" syndrome which romanticized negative archetypes in American popular culture.

In this discussion of the family, lesbians and gay men, for example, did not exist. Children taking care of their elderly parents and grandparents, siblings living together, unmarried lovers (both gay and straight) sharing their lives, parents of the same sex raising their children jointly, best friends who own homes together and share their living expenses, and many other frequently seen families in America remain invisible in this essay. I was offended to see that everything I have worked for in my adult life was not seen as worthy enough to merit even a passing comment.

The author of this article seems to see family only as men and women competing for ways in which they can exercise control over the household,

their children, money, or each other. It is presumptuous to imagine that all families have (or want to have) children, and that they are the basis for changing the roles of women and men in our society. Women and some men have begun to demand change because many of us perceive a fundamental unfairness in the rules long established by heterosexual white men of privilege. Their power is rapidly diminishing and by the turn of the century this country will be home to a population that is not only majority non-white but culturally non-Anglo Saxon as well. The pluralistic nature of this society contributes many different traditions from diverse cultures, including highly successful family units bearing no resemblance to "The Donna Reed Show."

Sadly, Charlotte Harvey's discourse has revealed nothing new. Worse, it provokes all those outside the heterosexual nuclear family to wonder where they fit in, and encourages those with small minds to see no reason to include groups who are threatening merely because they are different. In this country we would do better to celebrate our diversity and rejoice in the richness our uncommon experiences bring to the whole. Perhaps then we could learn to communicate with one another as equals.

Stephen A. Glassman '72
Baltimore

Charlotte Bruce Harvey replies: I suspect that Mr. Glassman has misinterpreted my article, hoping to find a more ambitious look at the ways Americans are redefining "the family." With time and space, I'd like to write about such a rich and varied subject. However, the article was simply a profile of demographer Frances Goldscheider and a look at her research – a less expansive, but clearly provocative topic.

Mr. Glassman overlooks a few points that might offset his sense that new forms of families were being ignored. For instance, Goldscheider defines families as "long-term, trusting relationships" – not as heterosexual marriages. Even when arguing the importance of raising children, she is careful to qualify her statement: "If we're going to talk about intergenerational continuity, I think adulthood has to mean the ability to take care of more than yourself, which generally means marriage and family (for most people, not for all)" (italics added).

The majority of the families she studied consisted of a man, a woman, and children; the article reflects that focus, and examines the ways those families are shifting roles and responsibilities.

Finally, since Mr. Glassman ascribes Goldscheider's views to me personally, I'd like to emphasize two things: first, the article is not about my views. Second – just to set the record straight – my own views are a lot less provincial than those he attributes to me.

Inaccurate reporting?

Editor: In the April '92 issue of *BAM*, Jacob Levy and the editors of the *Brown Daily Herald* defend the *BDH* from accusations of inaccurate reporting of Third World student activities. Yet in the same article, he commits the errors he defends against.

Levy writes: "A long-standing animosity exists between the newspaper and African- and Asian-American student groups." Latino American groups are noticeably absent. Levy also identifies Anu Gupta as the "spokesman for the Asian-American Students Association." Obviously Ms. Gupta is not a spokesman but a spokeswoman and her title is actually *spokesperson*. Also, the student group is properly referred to as the Asian American Students Association (without a hyphen) because its students are full, complete Americans.

Perhaps the *BDH* needs more than "copy editors who can check for accuracy as well as grammatical mistakes." After all, accurate reporting starts with writers who are sensitive to the people and issues they write about.

Heidi Oh '91

Brookline, Mass.

Author Levy was not writing as a representative of the Herald, but as a freelance reporter for this magazine. Copy-editing in these pages reflects the BAM's style and the judgment of its editors. – Editor

No mercy warranted

Editor: In the April issue (Carrying the Mail), Arthur G. Adams, Jr. '52 re-emphasizes his recommendation that Doug Hann be re-admitted to Brown; such re-admission to be based on mercy and forgiveness. Mr. Adams offers no evidence that Doug Hann has overcome

either his bigotry or his repeated penchant for making downright unpleasant and unkind the lives of his fellow students; such penchant based solely on Doug Hann's intolerance.

Until it is evident that Doug Hann has realized the error inherent in his ugly ways and learned to respect people of all races, colors and religions, the mercy that Mr. Adams advocates is at least unwarranted and could well be counter-productive, encouraging more intolerant, demonstrably bigoted Doug Hanns.

Hy Sander Davidson '34
Naples, Florida

Liquor ads

Editor: Congratulations for finally getting the liquor advertisements off the back cover. The Saab advertisement was a welcome change.

Everett and Elizabeth Angell '33
Sarasota, Fla.

Apology to a caller

Editor: I am a professor and administrator in a small college. I work very hard with constant interruptions all day and love my work. I get home around 5:30 to an evening of errands, laundry, cooking, paying bills, grading papers, preparing for class, the usual.

Last Saturday (*Saturday!*) at 3:45 p.m., someone called me to say they were in my neighborhood and "would be happy" to stop by and sell me vinyl siding. Last night at 6:40, someone from a new local department store called to sell me their credit card. At 7:15, the Shriners called asking me for a donation. And at about 7:40, just as we started dinner, a graduate student called, representing the Brown Annual Fund.

The student was perfectly polite, articulate, and a fine representative of the University. I'm afraid I was very rude. I was tired, and his call happened to be the last straw. I resent these intrusions into my few precious private hours. Telephone solicitation is a pestilence and should be illegal. However, I love Brown and want to apologize to that grad student, whoever he was.

Nancy Goldsmith Leiphart '70 A.M.
Winston-Salem, N.C. **B**

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UNDER THE ELMS

Commencement 1992: It blew hot, and then it blew cold – *really* cold

From the sublime to the sub-arctic" – that was how one member of the BAM staff described this year's Commencement. We hate to harp on the weather each year, but Memorial Day weekend set some records, blowing, quite literally, hot and cold.

Friday was glorious, with clear skies, soft breezes,

The leaves on the maples and sycamores were fragile and yellow-green, having just uncrumpled themselves from their casings. With paper lanterns strung and the dance floor laid out for Campus Dance that night, the Green appeared to be revving up for a gigantic wedding – with Mother Nature playing the role of florist.

By afternoon, temperatures were in the mid-nineties. The New England Lemonade truck was parked outside Faunce Arch, and the operator was breaking his own record selling one of Rhode Island's culinary specialties: frozen lemon slush. "I sold nine gallons in a couple hours," he told us proudly. (Saturday, competition – Del's, "the original frozen lemonade" – moved onto the opposite corner and cut in on his windfall.)

That evening, many alumni drifting toward their various reunion headquarters oohed and aahed about the beauty of the campus. Even after dark, it stayed warm enough to make sleeveless dresses not only feasible but preferable at Campus Dance.

Saturday, however, anyone with allergies was paying the price of a solid week of rainless heat in May: the pollen count was off the charts. Telltale catkins cov-

ered cars and sidewalks, and a yellow dust storm floated on the breeze. Walking from one air-conditioned forum to another, even those who thought themselves impervious were hacking and sneezing and hoping for just a brief deluge to purge the air. They would get more than they wished for.

Outside on the Green that afternoon, singer Leslie Uggams rehearsed for the Pops Concert, and a small crowd settled in to eavesdrop at the tables set up for the evening. This has become one of our favorite parts of the weekend – listening to the feedback squeal and to Uggams's effortless voice sailing around the brick and brownstone and stucco buildings. The weather even held through her performance Saturday night.

Sunday, however, opened ominously: by noon, the temperature had dropped forty degrees and gray clouds rolled in on heady gusts of wind. Those attending flutist Eugenia Zukerman's concert with the Brown Orchestra traveled to the Veterans Memorial Auditorium in cold rain.

And Monday morning was downright bleak: overcast, chilly, damp, and windy – the kind of day to stay in bed with a good book. One mother from Miami,

shivering in her tangerine linen suit and black patent heels, waited on Benefit Street for her graduating son to pass in the Commencement procession. "I'd be okay if I'd just brought a mink coat!" she said.

Entering the First Baptist Meeting House trembling in their skimpy black robes, the seniors visibly relaxed as they hit the church's warmth. Most beamed; some looked dazed as they filed into the pews for the official ceremonies. Up on the Green, the Blue Room was doing a brisk business in coffee and donuts, as parents and siblings took refuge from the cold.

Among the entrepreneurs working the crowd that morning were two boys selling roses (\$1 each) from a red wooden wagon parked in front of the John Carter Brown Library. T-shirts (\$10) bearing the words "My kid graduated from Brown and all I have left is the shirt on my back" were hawked nearby. But the prize for quick thinking went to two women who were seen lugging a large cardboard box overflowing with blankets and scarves through Faunce Arch. No Red Cross volunteers, they'd affixed to the box a sign:

Wool blankets \$10
Scarves \$5



JOHN FORASTÉ

With temperatures in the 40s and a light drizzle, Commencement morning was no day at the beach.

and bright, hot sunshine. A late, cold spring followed by a string of sunny record-hot days brought most of the campus's flowering shrubs into bloom simultaneously, and lilacs, rhododendrons, azaleas, and dogwoods flowered their heads off, as if competing for attention.



*The latest spot for
souvenir photos? -
Bruno's new lair
on the Green.*

*At left, astronaut Byron
Lichtenberg '69
unveiled a copy of
the Brown charter that
circled Earth
143 times.*

JOHN FORASTE (2)



*Rosenberger Medal winner
Roderick M. Chisholm '38
is escorted to the platform
by Professor of Psychology
Billy Wooten '70 Ph.D.*

the public welfare." This year the faculty singled out one of their own, epistemologist Roderick M. Chisholm '38, professor emeritus of philosophy, who, although widely read internationally, has perhaps most influenced his field through the generation of contemporary philosophers who call themselves "Chisholm students." Having garnered virtually every honor in his field, Chisholm was selected this year as the next subject of a volume in the Library of Living Philosophers.

By the time the ceremonies had drawn to a close, and the 1,964 degrees (1,488 bachelor's, 260 master's, 82 M.D.'s, and 134 Ph.D.'s) conferred in Latin and in English, the crowd was sparse. When the band struck up its triumphant final notes, a flock of mortarboards sailed into the air, bumping into each other, falling, only to be tossed again and again. The graduates hopped up and down, hugged friends for warmth, and raced to departmental ceremonies to collect their diplomas and at last come in from the cold.
— C.B.H.

By the time the seniors and graduate degree recipients made their way back to the Green for the University ceremonies, dampness had given way to drizzle. The most appropriately dressed person in the crowd was space shuttle crew member Byron Lichtenberg '69, who ran on stage in his NASA-issue sky-blue flight suit to present President Gregorian with a copy of the Brown charter, which he'd taken with him on a recent flight. There, it had circled the Earth 143 times, symbolizing the capital campaign's

theme of the rising generation, with its logo of a rising star, he said.

In a long-awaited announcement that capped the year-long celebration of women's centennial at Brown, Gregorian proclaimed that the Lamphere Consent Decree, the settlement of a class-action sex-discrimination suit which has governed Brown's faculty hiring for the past fourteen years, "belongs to history." On the afternoon of May 22, the Friday before Commencement, the Court had officially vacated – or termi-

nated – the decree. "I promise I will never let you down," Gregorian vowed to the faculty.

Another addition to the usual ceremonies was the presentation of the Susan Colver Rosenberger Medal. Awarded by the faculty on those occasions when there is consensus that it is deserved, it has been given twenty times since its creation in 1919 to recognize "specially notable or beneficial achievements in scholarship, in authorship, in public life of any kind, or relating to the advancement of

Five of seven honorary degrees go to women

Five of the seven honorary-degree recipients at this year's Commencement ceremonies were women, which seemed appropriate in a year marking the hundredth anniversary of women's education at Brown. All were honored during the ceremonies on the Green.

Known informally on her own campus as Sister President, **Johnnetta B. Cole** received an honorary doctor of humane letters for her accomplishments as the first black woman to head Atlanta's Spelman College, the nation's oldest college for black women.

Yale Child Study Center child psychiatrist **James P. Comer, M.D.**, received a doctor of science for his conviction that building children's self-esteem is critical to academic success and for his teacher-training methods to help low-income children develop that self-esteem to perform as well as their wealthier peers.

Kathryn S. Fuller '68 received a doctor of humane letters for her "commitment to the conservation of animals in their natural habitat" as the first woman to head a major international environmental membership group, World Wildlife Fund.

Trustee **Marie J. Langlois '64**, co-founder of and partner in Phoenix Investment Management Company, Providence, was given an honorary doctor of laws for service to the larger community and to Brown. Langlois was Brown's first woman treasurer.

Social historian **Joan Scott** received a doctor of humane letters for her con-

tributions as a scholar, teacher, and a longtime friend of the Brown community. Now at the Institute for Advanced Study at Princeton, Scott was the Nancy Duke Lewis Professor at Brown, pioneering women's studies and serving as founding director of the Pembroke Center for Teaching and Research on Women.

Research psychologist **Rosemary Pierrel Sorrentino '53 Ph.D.** received a doctor of humane letters for her leadership of Pembroke as its sixth and final dean, immediately prior to the merger of Brown and Pembroke in 1971.

Rhode Island Supreme Court Justice **Joseph Robert Weisberger '42** received a doctor of laws for his accomplishments as a trial judge, an appellate justice, and a legal scholar and teacher. — C.B.H.



JOHN FORASTÉ (2)

President Gregorian (bottom, left) presented honorary doctorates to (first row) James Comer and Johnnetta Cole, (second row) Rosemary Pierrel Sorrentino '53 Ph.D. and Joan Scott, and (back row) Kathryn Fuller '68, Marie Langlois '64, and Joseph Weisberger '42.



Leading the Commencement procession was Chief Marshal Harvey M. Spear '42, a New York attorney.

Graduate School confers 394 degrees, honors four alumni at morning convocation

Not even the sheltering walls of the buildings ringing Lincoln Field could warm the 394 degree recipients and their friends and relatives who gathered on the lower campus for the Graduate School Convocation in Monday morning's frigid weather.

A trio of short but absorbing speeches, however, by a faculty member and two Ph.D. recipients helped the time pass quickly, as did the awarding of citations to four very different and very distinguished alumni of Brown's Graduate School.

Graduate School Dean Phillip J. Stiles and his colleagues conferred diplomas on 134 Ph.D. and 260 master's-degree recipients during the convocation, which began at about 9:30 a.m., after the candidates had taken a turn around the Green in the University's traditional Commencement procession.

The four honored with Graduate Alumni Citations were:

▪ **Asger Aaboe** '57 Ph.D. (history of mathematics), who is retiring from Yale, where he has taught the history of science and medicine since 1961. His research demonstrated that Babylonian astronomy was the foundation of all subsequent Old World astronomy. His introductory text on the early history of mathematics has been translated into six languages.

▪ **Winston A. Anderson** '66 Ph.D. (biology), professor of zoology at Howard University. An expert on estrogen function, he specializes in interrelations between morphology and bio-

chemical function. He has received several awards for research and teaching.

▪ **Edward T. Pryor** '66 Ph.D. (sociology), director general of Statistics Canada, the Canadian census bureau, since 1982. Formerly chairman of the sociology department at the University of Western Ontario, he has studied the changing structure of the family and Canada-U.S. immigration patterns.

▪ **P. Craig Taylor** '69 Ph.D. (physics), chairman of the physics department and associate director of the Laser Institute at the University of Utah. An expert in amorphous semiconductors, Taylor has done research with ramifications for solar cells and other semiconductor technologies.

In her address, "Liberal Education in a Liberal Sense," Annalisa Crannell, a 1992 Ph.D. recipient in mathematics, argued on behalf of the value of teaching undergraduates and of reaching beyond disciplinary boundaries for those scholars who choose a life in academe.

"The subject of pedagogy is still disparaged" in graduate schools, Crannell suggested. "Pedagogy is not just the method, but the *art* of teaching. Graduate schools are becoming more and more centers for advanced research, and less and less centers of liberal knowledge. . . . Universities hire [specialists] rather than scholars in the broad sense.

"The rewards for specializing at the expense of extradepartmental activity are tangible: promotion, tenure." Reaching beyond one's own discipline, Crannell concluded, may bring other, intangible rewards. "In an ideal world," she

Sudden Place."

"Too often," Davis said, "we are educated toward stability and we are unprepared for the world to be such a sudden place" where unexpected and even chaotic events occur. In order to make an impact upon the world, she suggested, each individual must nurture and preserve a vision of one's self as connected to others. "The preservation of self," she said, "becomes an



Graduate Alumni Citations were given to Brown Ph.D. holders (left to right) Craig Taylor ('69), Winston Anderson ('66), Edward T. Pryor ('66), and Asger Aaboe ('57). At right is Dean of the Graduate School Phillip J. Stiles.

said, "we would become teachers of wisdom — *doctors of philosophy*." Crannell has accepted a teaching position in the mathematics department at Franklin & Marshall College, in Pennsylvania.

James P. Cullen, whose new Ph.D. is in American civilization, followed Crannell with his address, "A Shared Culture." His remarks are reprinted on the last page of this magazine.

The third featured speaker at the convocation was Professor of English Thadious Davis, who warned the graduates that, in the words of her title, "The World Is a

anchor, a buoy, in a sudden, uncertain world."

Receiving presidential teaching awards of \$2,000 apiece at the convocation were six teaching assistants/fellows: Linda Grasso (American civilization), Anne Hart (religious studies), Jody McQuillan (French studies), Ron Meyers (biology and medicine), Nobel Sanjay Rebello (physics), and Hannelore Rodriguez-Farrar (history of art and architecture). Eight other students received honorable mention for their teaching excellence. — A.D.

Gown and mortarboard as billboard



Messages on caps and gowns abounded on Commencement morning. The one above belonged to parent-educator Rosalie Haut, mother of Elliott '92.

JOHN FORASTE (5)



Paul Phillips conducted guest soloist Eugenia Zukerman (mother of Arianna '94) and the Brown Orchestra in a Sunday-night concert benefiting the Nieman Archive of Sound Recordings at Brown.

Four faculty honored with citations

Graduating seniors and medical students honored four faculty members with special citations at Commencement ceremonies.

Recipients of the Barrett Hazeltine Citations, presented by the senior class, were Edward Beiser, professor of political science and associate dean of the Medical School, and Robin Rose, dean of student life. The Hazeltine Citation, formerly called the Senior Citation, was renamed in 1985 in honor of the engineering professor who has received it thirteen times.

Beiser was cited for his combination of "rigorous academic demands and attentive advising," and Rose for her work with stu-

dent organizations and advocacy programs.

Dr. Allan Erickson received the Medical School Citation. A member of the medical faculty since 1975, he received the medical school's senior teaching award in 1983 and 1990.

Dr. David S. Greer, who has retired after heading the medical school since 1981, was presented with a special citation. He will continue as professor of community health, pursuing his research interests in gerontology. "Under your leadership," his citation read, in part, "the Brown Medical School has earned a worldwide reputation for promoting the development of the total student and cultivating the care of the total patient." — J.R.

'Look beyond your white coats and into your hearts'

The medical school ceremonies, held at the First Unitarian Church on Benefit Street, mixed graduation euphoria with grim reality: the bright career promise of the eighty-two newly-bestowed M.D.'s juxtaposed with the serious problems facing urban caregivers in this country and with a dreadful assessment of the global health catastrophe called AIDS.

For a young doctor, the 1990s may well be the best of times and the worst of times.

Dr. Hiroshi Nakajima, director general since 1988 of the World Health Organization (WHO), United Nations, spoke on "The Global Impact of the AIDS Epidemic." Now is the time to be a global citizen and think about the global impact of the AIDS epidemic, he said. "You must live with AIDS as a physician and as a citizen." Ominously, he re-counted that while the epidemic is only in its early stages, it is already affecting not only health issues, but the social and political agendas of the countries of Africa and Southeast Asia.

What has to be done, Dr. Nakajima said, is no small task. "We must change value systems; we must change beliefs; we must change customs," he said. Nowhere is that more apparent than with the plight of women afflicted with AIDS. Then he recited the awful numbers, current and projected. By the year 2000, he said, WHO estimates that AIDS cases worldwide will reach 40 million; according to an article in the June 4 issue of *The New York Times*, that is a conservative estimate.

In the major cities of sub-

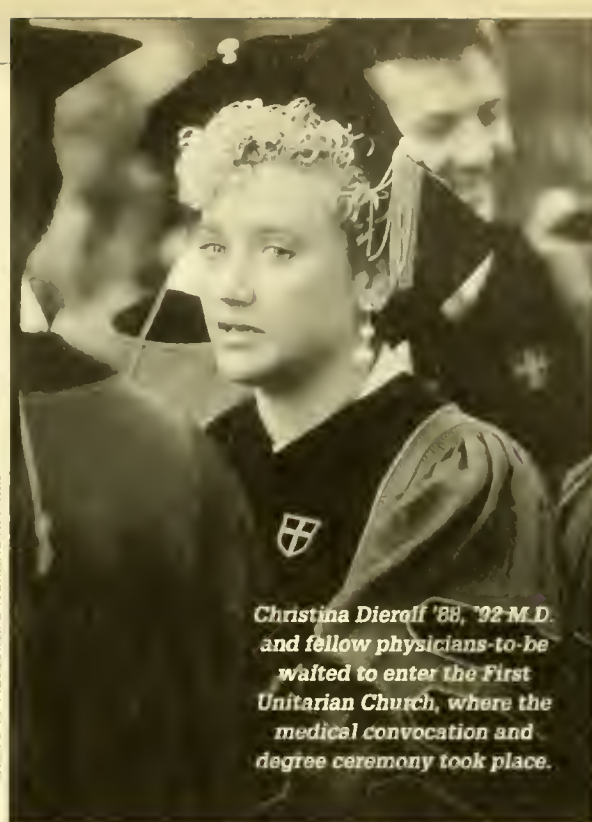
Saharan Africa, one of every three males under the age of fifty is HIV-positive; and by 1995, ten million children in Africa will be orphaned as a result of AIDS. What is occurring in Africa will soon occur in Southeast Asia, Nakajima warned, adding, "I do not see the development of a preventative vaccine in the near future."

In the post-Cold War era, he said to the new physicians, "we cannot be insensitive to the suffering of the emerging world. Your commitment must be to heal sometimes, to relieve pain often, and to comfort always."

Dr. Reed Tuckson, president of Charles Drew University of Medicine and Science, Los Angeles, warned the 1992 M.D.'s of another impending disaster: the problems endemic to those who inhabit this country's inner cities. But he was optimistic; this is "the dawning of a new day." He spoke of the challenges facing those who minister to the poor and he spoke of the need for a commitment to end unnecessary and preventable deaths.

You have been trained to change the world, he told the class, but there is very little time left. "Time is neutral, but stagnation, or lack of action, brings disease. You must look beyond your white coats and into your hearts. Pity and compassion in a world of pain mean nothing if they don't lead to change."

Welcome to the team, he concluded. "Welcome to the art of medicine: the music and celebration of life. As Pablo Casals said, 'Never underestimate life: your own, or that of others.' " — J.R.



Christina Dierolf '88, '92 M.D. and fellow physicians-to-be waited to enter the First Unitarian Church, where the medical convocation and degree ceremony took place.

SCHOOL OF MEDICINE EXTERNAL AFFAIRS

Donald J. Marsh named Dean of Medicine and Biological Sciences

In May, Donald J. Marsh, of the University of Southern California School of Medicine, was named Brown's first dean of medicine and biological sciences, filling a new senior position that combines those previously held by David S. Greer, dean of medicine, and Pierre M. Galletti, vice president for biology and medicine. Marsh, who is chairman of USC's department of physiology and biophysics, will head Brown's School of Medicine and will be chief executive officer for the Division of Biology and Medicine.

Internationally known for his research on the kidney and on blood pressure regulation, Marsh plans to bring his laboratory and research team to continue that work, which is sponsored by the National Institutes of Health

and the American Heart Association.

His appointment, announced June 4, follows a search that began a year ago after Galletti and Greer announced their intention to retire from administration. At President Gregorian's request, Greer has delayed his retirement and will meet with Marsh during a transition period this summer before the new dean officially takes over at the start of the fall semester. Both Greer and Galletti plan to continue their research at Brown, in gerontology and artificial organs, respectively.

Marsh's wife, Wendy G. Clough, a physician specializing in infectious diseases, will join the medical faculty with a clinical appointment in the Department of Medicine. — C.B.H.

Commencement forums look at life in space, racism on Earth, and the possibility of long, hot summers to come

There were no heads of state or superstar celebrities speaking at Commencement forums this year. Instead, the day offered some interesting insights into the issues of our time, from global warming to racism in America to life in space, and the challenge of writing biography.

Some observations from the field (or from the air-conditioned lecture hall):

The view from above

On March 24, 1992, the space shuttle *Atlantis*, powered by an Atlas I rocket, climbed into orbit. Among the crew was Byron Lichtenberg '69, on his second mission. The shuttle returned to Earth on April 2, after traveling 3.7 million miles and orbiting the Earth 143 times. Back at Brown, Lichtenberg gave a slide presentation and lecture about his experiences in space.

The crew took ozone readings and made other atmospheric investigations, had a little fun with the Oscar on Academy Award night, and conducted an intriguing array of experiments, including some that might prove useful in the treatment of osteoporosis.

During the question-and-answer period that followed Lichtenberg's lecture, he was asked if he was nervous about being blasted into space and then orbiting the Earth at break-neck speed.

"There have been forty-seven manned space missions and only one major tragedy," he replied. "You can't dwell on fear. You have to balance risk with rewards.

I was in Vietnam. Everyone there was trying to kill you. [In the space program] everyone is trying to keep you alive."

Race and the American Dream

Is there a new racism afoot in America? Or is it just the old racism in new clothing?

Opening a panel on that subject, Professor of History William McLoughlin gave a scholarly and preacherly look at America's conviction that it was a chosen nation – for the chosen (white, Anglo-Saxon, Protestant men) – and its relationship to the American Dream.

That dream, which said hard work and virtue would lead to success in a free enterprise system, has failed, for blacks and whites alike – for blacks, McLoughlin speculated, precisely *because* it has failed for whites. The new agitation against affirmative action is white fear of seeing the playing field leveled: "The new racism is really the old racism exacerbated by the growing gap between white and black, rich and poor," he said.

"This country not only needs a new social and political agenda – a major political and economic restructuring – we also need a new American dream: one that provides a basis for hope, self-esteem, and true equality of opportunity for all; one that builds community, not alienation, sharing, not self-aggrandizement. In short, an American dream that is more consistent with our original claim as a nation that it is self-evident that all human beings are created

equal, and that, in a classless society, everyone has the chance to live up to his or her full potential."



JOHN FORASTÉ (2)

Take this life, please

Sleuth fits the description; but so do other more evocative ones, such as garbage-picker, trashologist, nag, and pest. A biographer sorts through the "leavings of a life," D.H. Lawrence said. But how to judge the leavings, and how to assemble them? There's the rub.

Edmund Morris, Ronald Reagan's official biographer and author of *The Rise of Theodore Roosevelt*, winner of the Pulitzer Prize and the American Book Award in 1980, indicated in his forum there are many obstacles facing the biographer. As Oliver Goldsmith said about Samuel Johnson, "The more you try to understand him, the less you know about him."

"Documents purported to be factual are often not factual at all," Morris said. A marriage certificate, for example, may contain inaccuracies to protect the couples' vanity. Other snippets may



Pulitzer Prize-winning biographer Edmund Morris (top) and science writer Andrew Revkin '78 (left) were speakers at Commencement forums.

be telling in an odd sort of way. In looking through lunch receipts, Morris found that for an eighteen-month period, Theodore Roosevelt, when eating at a certain club, always ordered the double mutton chops.

And Tolstoy, the great Russian novelist, when he discovered that his private diary was not so private after all, began writing with his clandestine audience in mind. He kept another diary, this one secret until the biographer's intrusion, for his innermost thoughts and reflections.

Hot times ahead?

On a day so hot that global warming seemed certain, Professor of Geological Sciences Thompson Webb opened with some charts that boiled down to one simple conclusion: if the projected increases *do* happen, we would see in one century the same magnitude of change (5° Celsius) that took place between the

glaciers and the periods between them. The odds are only 50/50, he said. "My concern is not that this will occur, but that it *may* occur. This is a matter of extreme concern for us."

With Webb was Andrew Revkin '78, author of *Global Warming: Understanding the Forecast*, published in conjunction with the American Museum of Natural History's current exhibition on the subject. "We're conducting a giant experiment," he said. "Maybe it's only 50/50 odds that it will happen, but we're sitting in the test tube."

Among the facts he cited: "There is a greenhouse effect; that is what keeps Earth from freezing." Venus, with a surface temperature of 890° Fahrenheit, "has a runaway greenhouse effect," he said, and Mars is like Antarctica. "It's the Goldilocks phenomenon," Revkin said: Earth is just right for life as we know it.

Another fact: the percentage of carbon dioxide, which traps heat in the atmosphere, has been growing since the industrial revolution. "Between 1860 and 1960, we pumped 240 billion tons of CO₂ into the air; between 1960 and 1990, we pumped another 240 billion." Methane traps twenty times as much heat as carbon dioxide, and chlorofluorocarbons trap 16,000 times as much.

"And then there's this recent warm spell," Revkin said. "The 1980s were the hottest decade on record, and the first two years of the 1990s were even hotter." New York now has about fifteen ninety-degree days each summer; with more global warming, it would see forty-eight days that hot. Dallas would hit ninety degrees about 100 days a year.

Rising sea levels would cause a new political phe-

nomenon: eco-refugees. Already, officials of the Maldives Islands, in the Indian Ocean, all less than six feet above sea level, are negotiating to see what other nation will take them in.

Among Revkin's recom-

mendations: planting trees, which pull carbon dioxide from the atmosphere; using technology such as wind-farms to harness carbon-free energy; and just plain conservation: more energy escapes through drafty Amer-

ican windows than flows through the Alaskan pipeline each year, he noted.

"Whether we like it or not, we are now truly stewards of the planet. We need to turn that awareness into action." — C.B.H. and J.R.

A protest against censorship highlights a forum on political correctness

One of the ironies of Commencement Weekend came Saturday afternoon at a forum on political correctness, given by historian Joan Scott, the former Nancy Duke Lewis Professor and founding director of the Pembroke Center for Research and Teaching on Women, who is now on the permanent faculty of the Institute for Advanced Study at Princeton. Scott's topic was anti-intellectualism in the United States and its current manifestation in the anti-PC hoopla that conservative politicians and the media have stirred up.

But, as if to dramatize the complexities of the issue, a little Brown hoopla preceded the main event: entering List Art Center, where the forum was held, the audience passed three women students displaying black-and-white photographs: one depicted a woman's torso, with her breast in a black leather harness; another was of a woman licking another woman's inner thigh.

"These are photographs that [Sarah Doyle Women's Center Director] Elizabeth Weed ['73 Ph.D.] censored from the student show at the Sarah Doyle Gallery," the students explained. The women's center occupies the former Pembroke Alumnae Association office opposite the Pembroke campus,

with a library, meeting rooms, and an informal exhibition space, which was holding open hours Commencement Weekend. The students held up four other photographs, which they said "were allowed to remain." The latter were also erotic, basically heterosexual, perhaps a little less graphic, though by Mapplethorpe or even *Penthouse* standards, all six were fairly tame. The artist, Jenny Fallesen '93, stood with a clipboard, taking signatures to protest the censorship.

"That's what all the fuss is about?" a man was overheard commenting. "What's the big deal?" What many didn't know was that earlier in the afternoon local TV stations had filmed a protest against the removal outside the women's center on Meeting Street.

Inside List's lecture hall, however, things were quiet, if packed. The forum started with a presentation honoring the tenth anniversary of the Pembroke Center and the centennial of women's education at Brown. In recognition of that, poet Denise Levertov had allowed a volume of her poems, *Range*, to be hand-printed, illustrated with woodcuts by visual arts professor Walter Feldman, and bound in a special edition by Brown's Ziggurat Press.

As Elizabeth Weed, who is also associate director of the Pembroke Center, stood to accept the volume of poetry, a male student several yards away pointed a large pink triangle bearing the word "UNFAIR" at her head. Weed, a feminist probably more accustomed to the ire of the right than of the left, seemed an unlikely target for such a protest.

In a printed statement handed out to the audience, she explained her decision to order the two photographs removed. They had been part of an earlier student show, and Weed said she supported their inclusion in a show that provided a context for audience response and criticism. "There might be a way to present such challenging work, even at Commencement, in a context that frames the issues involved and where people knowingly come to see the material," she wrote. "Open hours at the Women's Center, on Commencement Weekend, where young siblings, older people, and a general public comes for varied purposes, do not provide that context."

Joan Scott's talk shed an interesting — if not definitive — light on the conflict. She looked at the history of anti-intellectualism in America, quoting from Richard Hofstadter's book by that name,

which was written in response to the McCarthy era. Common to those politicians and conservative journalists who have railed against what they call "politically correct" views is their aversion to open dialogue and criticism, Scott argued. "They claim to defend tradition, while attacking the foundations of that tradition," she warned. "No democracy can survive this."

For our civilization to learn to live with the variety of views and norms and experiences of its populace, she argued, will require "the kind of critical work that is our universities' *raison d'être* and highest form of achievement." It will not be easy. "The liberal idea of 'I'm ok; you're ok; we're all friends'" is pie-in-the-sky, she said, and the "process of politics is necessarily contentious." For free debate to work, we have to be willing to undergo the unpleasantness of thrashing things out.

"Universities are democratic places; democratic

places are places of conflict. What the Reagan/Bush Administrations want to do is de-fund precisely that aspect of education. . . . What has to prevail is the possibility of discourse."

In a lively question-and-answer period after the lecture, Scott was asked whether she felt that renegade scholars such as Leonard Jefferies, whose racist and misogynistic views have caused an uproar at City University of New York and in the academic world at large, should be fired. She said no, that students should vote with their feet by not enrolling in such scholars' classes, but that controversial views were no grounds for dismissal. The process of challenging established views "isn't always going to be pleasant," she warned, "and you're not always going to get your way. But that doesn't mean you stop fighting for it."

A lesson Jenny Fallensen may take to heart. —C.B.H.

Why educate women?

Historian Mari Jo Buhle looks at the arguments for educating women in the Gilded Age

In the nineteenth century, those lobbying for women's education tended to argue from one of two positions, Professor of American Civilization and History Mari Jo Buhle told an audience crowded into the intimate lecture room of the Annmary Brown Memorial this spring. One approach was idealistic — vintage Enlightenment — holding that knowledge was the source of freedom, hence the right of all citizens. The second was more pragmatic, stemming from the republican conviction that women needed education to raise and teach the sons who would govern the land.

That latter argument evolved over time to define the scope of women's work more broadly (with wealthy

clubwomen struggling to get their daughters into places such as Brown and working-class women learning job skills at industrial exchanges), but its emphasis remained pragmatic, rather than idealistic.

Had those who saw women's education as "a matter of simple justice" (in the words of Brown trustee and noted Quaker poet John Greenleaf Whittier) prevailed, Buhle theorized that post-industrial lines between classes and races of women might not have been as sharply drawn.

Buhle's address opened an exhibition entitled "A Matter of Simple Justice" celebrating the hundredth year of women's higher education in Rhode Island. Nineteen ninety-two marks the centennial of both the founding of the University of Rhode Island and women's admission to Brown. Bringing together an eclectic sampling of diaries, photographs, and other artifacts ranging from gym bloomers to ERA banners, the exhibition was sponsored by the Pembroke Center for Teaching and Research on Women, the Brown libraries, and the class of 1949, which paid for the catalogue. The exhibition includes items from the Brown Archives as well as from other schools and sources statewide.

The centennial also coincides with the tenth year of the Pembroke Center's efforts to "chronicle the struggle for education of women in Rhode Island," Karen Newman, associate

Three trustees elected

Three new alumni trustees have begun six-year terms as members of the Brown Corporation. They were chosen by mail ballot from a list of nine candidates by the 60,000 members of the Associated Alumni of Brown University (AABU). One-third of the forty-two Corporation trustees are nominated by the AABU and elected to office by the Corporation itself.

Elie Hirschfeld '71, New York City, has been a partner at Hirschfeld Realty since 1976. He has been class president since 1971 and has chaired the 5th, 10th, and 15th class reunions. He has served on the executive committee of the Brown Annual Fund since 1983, and received the Young Leadership Award in 1986 and the Alumni Service Award in 1989.

Frank G. Abernathy '84 is a senior associate with McMackin, Garfinkle, McLemore & Walker in Nashville, Tenn. Before moving to Nashville, he was a member of the board of directors of the Brown Club of New York. He is active with NASP and the Third World Alumni Network Steering Committee.

Anne Jones Mills '60 worked for IBM for twenty-six years beginning in 1965. She is now vice president for business affairs at Ottawa University in Kansas and will also teach five courses at the University of Denver next year. She was president of the Associated Alumni from 1989 to 1991 and a member of the executive committee for ten years. Mills received the Alumni Service Award in 1985. —J.R.



RHODE ISLAND SCHOOL OF DESIGN LIBRARY ARCHIVES

professor of comparative literature, English, and women's studies and director of the Center, noted at the lecture. The exhibition was curated by Heddy Startup of the Pembroke Center, with additional funds from the Rhode Island Committee for the Humanities.

The Gilded Age saw tremendous shifts in American social structure, said Buhle, who last year received a MacArthur Fellowship for her work in American women's and labor history. "Not only did thousands of men and women find new jobs in manufacturing and in the booming service sector which accompanied industrialization, but also in new professional fields," she said, noting, too, that these new professionals cemented their social standing by forming clubs and associations to distinguish their rank.

Colleges and universities saw a complementary boom. "Between 1870 and 1910, the number of colleges and universities grew from 563 to nearly 1,000, and enrollments more than doubled," she said. The 1862 Morrill Education Act supported the development of state universities, which

from the start admitted women.

When women began pressing for greater educational opportunities, they confronted firm beliefs about the purpose of women's education. If Vassar's founding in 1861 marked a breakthrough in academic standards, Buhle said it still promised, in Mathew Vassar's words, "to furnish women 'the means of a thorough, well-proportioned, and liberal education, *but one adapted to their wants in life.*'"

Brown President William Faunce argued that in education "imitation is suicide, and the freedom to be womanly is the only safety."

In contrast with Vassar and Faunce, Buhle quoted Judith Sargent Murray, whose essay "On the Equality of the Sexes" argued that "it was women's ignorance, imposed by men, that kept them subordinate; and education that would bring liberty."

Frances Wright, in the 1820s, "chastised men," Buhle said: " 'Well ye pleasure yourselves in the varied paths of knowledge,' [Wright] charged, 'to imagine that women hoodwinked and unawakened will make



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the better servants and the easier playthings.'"

These early feminists, Buhle said, were arguing from the enlightenment position that knowledge is the right of all citizens. But she drew her title, "The Dawning Light of a New Era," from a 1887 speech by suffragist Mary Seymour Howell.

In addition to supporting the Enlightenment view, Howell took another tack, articulating expedient reasons for women's higher education. But instead of taking the old line that women needed to be educated to perform better their jobs as mothers and teachers, Howell simply expanded her vision of the realm in which educated woman might perform. "I see [woman] speaking her soul from platforms, preaching in pulpits. . . . I see her pleading before the

Images from Rhode Island women's colleges from the past (left, a drawing class at the Rhode Island School of Design in the 1890s) and the present (two recent Brown graduates, below) appeared in an exhibition at the Annmary Brown Memorial this past spring.

courts, using her brains to solve the knotty questions of the law. Woman's sphere is the wide world, her sceptre the mind that God has given her, her kingdom the largest place that she has the brains to fill and the will to hold," she told the audience at the 1887 convention of the National Woman Suffrage Association.

Locally, Providence educator and champion of women's education Sarah Doyle defined women's sphere as having "infinite and indeterminate radius."

This philosophy of expediency brought enormous gains in women's education and lives, and the first generation of college-educated women was remarkably successful professionally. But it had another effect, Buhle said. While wealthy women studied at the prestigious women's colleges, those in the working classes were more likely to learn cooking, dressmaking, millinery, typing, and stenography through the industrial exchanges that sprang up in cities across the country.

Buhle concluded that by arguing for the expediency of women's education, its supporters may have unintentionally "subverted the principle of justice – and with it the expectation that an education universal in scope would prove the great equalizer." – C.B.H.

Murney Gerlach has been named assistant to the president, filling the position vacated by **John K. McIntyre '39**, who retired after forty-five years in the administration, assisting the past six Brown presidents. A historian, Gerlach was formerly special assistant to the president at the University of San Diego. In addition to working with President Gregorian, he will serve as secretary to the Corporation and will assist the Trustees, Fellows, and Corporation standing committees.

In a ceremony at the Rhode Island State House on April 30, **Aaron Wold**, the Vernon K. Kriebel Professor of Chemistry, received this year's Governor's Scientific Achievement Award from the Rhode Island Partnership for Science and Technology.

Elizabeth Kirk, the Nicholas Brown Professor of Oratory and Belles Lettres, has been awarded a fellowship to spend next year at the National Humanities Center in North Carolina. A medievalist, Kirk has chaired the English department for the past several years. She plans to use her time away on a project entitled "Standing in Unknowing: Faith and Consciousness in Fourteenth-Century English Poetry."

Terrence Hopmann, professor of political science and director of Brown's international relations program, has been awarded a Pew Faculty Fellowship in International Affairs "in recognition of his academic accomplishment, dedication to teaching, and leadership abilities, as well as of [Brown's] commitment to faculty and curriculum development." He will be one of twenty-four fellows participating in a summer institute on the case method of teaching at Harvard's John F. Kennedy School of Government this summer, and will also receive a \$9,000 stipend for course development incorporating the case method.

Assistant Professor of Political Science **Edith Barrett** has been awarded a Bunting Fellowship, which will allow her to spend next year at the Mary Ingraham Bunting Institute at Radcliffe, studying the political socialization of adolescents. Her research will use data from surveys of Rhode Island teenagers to study their political awareness and involvement, specifically asking whether those who have grown up using social welfare programs are more active politically than other teens. Barrett's book *Support for the American Welfare State: Views of Congress and the Public* will be published by Columbia University Press next fall.

Brown rallies around East Timor

In March, several members of the University community mobilized the campus in support of the people of East Timor, a tiny island nation off Southeast Asia.

A Portuguese colony until 1976, East Timor was invaded and annexed by neighboring Indonesia shortly after it achieved independence. Since then, human rights agencies have reported that some of the worst rights abuses in the modern world have taken place, including systematic torture of opponents of the occupation. More than 200,000 people – one-third of East Timor's population – have been killed either by the Indonesian army or by starvation attributed to Indonesian control of resources.

The American media have been mostly silent on the situation in East Timor. Even after Western journalists witnessed the gunning down of more than 100 civilians in a funeral procession last November 12, few American news outlets mentioned



the event. Indonesia is considered important to U.S. security arrangements in the region, and this country provides Indonesia with an overwhelming majority of its military aid.

Assistant Dean of the College David Targan has been following events in East Timor for several years, and one of the reporters to witness the November 12 massacre is a longtime friend. Shortly after the massacre, Targan noticed an article about East Timor in a new Brown publication, *The Journal of Third World Affairs*. He contacted Loren Ryter '92, the article's author, and suggested that they try to

get involved.

Ryter had lived in Southeast Asia for some years and focused on the region in his academic work. He's also a critic of U.S. foreign policy and argues that East Timor provides a clear example of the "hypocritical" way America conducts itself abroad.

Ryter, Targan, and a small group of other members of the Brown community pushed ahead on three fronts. They met with Rhode Island Senator Claiborne Pell, chairman of the Foreign Relations Committee, to explain the situation and argue for a cutoff of aid to Indonesia.

Second, Ryter, Targan, Steve Falbo '92, Jeff Bekes '92, and Rami el Samahy '92 traveled to Australia to join a peace mission to East Timor. Human rights activists, journalists, students, and others from around the world were on their way by boat from Portugal to East Timor, stopping to pick up supporters at ports along the way.

Ryter, Falbo, and Samahy joined the mission at Darwin, Australia, with the intention of landing in East Timor's capital and laying a wreath at the cemetery where the November massacre occurred. (Because the mission was behind schedule, Targan and Bekes had to return to Brown.) When the mission entered waters claimed by Indonesia (the United Nations, which does not recognize the annexation, says the waters belong to East Timor), the Indonesian navy intervened and turned the ship back to Australia.

Back in Providence, the newly-formed East Timor

Action Network (ETAN) worked to involve the Brown community, using educational posters and articles and op-ed pieces in the *Brown Daily Herald*.

On March 13, more than 800 people crowded into Salomon Hall to hear two journalists who witnessed the November massacre —

Pacifica Radio's Amy Goodman and Targan's friend Allan Nairn. Rhode Island Rep. Ronald Machtley, who also spoke that day, later attached an amendment striking down further aid to Indonesia to the foreign aid bill passed by the House of Representatives on June 25.

Later Brown's ETAN

helped to organize a similar forum at Harvard, featuring MIT professor Noam Chomsky, a representative of the State Department, and journalists Goodman and Nairn. Unfortunately, only about a dozen Harvard students attended and only one volunteered.

While many Europeans

already are concerned and involved, U.S. pressure is considered crucial to persuading Indonesia to respect East Timor's independence and its residents' human rights. For the time being, Brown remains one of the most important catalysts for change in East Timor.

— Jacob Levy '93

In April, Executive Vice President Robert A. Reichley called a morning news conference to tell the local news media that a class-action lawsuit was to be filed charging Brown with sexual discrimination in women's athletics. Later that day, Trial Lawyers for Public Justice (TLPJ), a Washington, D.C. group representing the plaintiffs, announced the lawsuit at their own press conference. TLPJ, a public-interest law firm, has handled similar cases at the universities of New Hampshire and Oklahoma, William & Mary, and Temple.

The original plaintiffs in the suit were nine members of the gymnastics team. Now, as amended on April 30, the group includes three members of the volleyball team and one member of the women's rugby team.

The suit contends that Brown discriminated against women by cutting two women's sports, thereby violating Title IX of the 1972 U.S. Educational Amendments, which mandates equal opportunity for men and women to participate in athletic programs.

Last year, as part of a University-wide budget reduction, Brown eliminated four varsity teams: men's water polo, men's golf, women's volleyball, and women's gymnastics. Thirty-seven men and twenty-three wom-

en, about the same proportion of men to women as in the entire sports program, were affected. Reichley said that the teams were chosen because of the small number of students involved and because the programs had no corresponding opposite-gender teams.

Reichley said Brown's "record as a leader in women's athletics is clear." For the past twenty years Brown has been "building and expanding its program of women's athletics." It ranks second in the number of NCAA-sponsored sports it offers to women and men.

Brown fields twenty-seven varsity teams: fourteen men's teams and thirteen women's teams. If football, which has no women's sport equivalent in the varsity squad roster and so represents that extra or twenty-fifth team, is erased from the athletic department operating budget, 52.9 percent of the money available is spent on men's sports and 47.1 percent on women's sports. With football in the picture, 67.2 percent of monies are spent on men's sports and 32.8 percent on women's sports. Forty-nine percent of Brown students are women, and 38.9 percent of them participate

in varsity sports programs.

Providence attorney Julius Michaelson '67 A.M., representing Brown, filed two motions subsequent to the announcement of the suit: one to challenge its class-action certification and another to have the case dismissed on the grounds that the U.S. District Court cannot grant what the plaintiffs request, that is, the reinstatement of the two sports. "The law does not provide for that remedy, nor does it specify relief by reinstatement," Michaelson said. "There is no precedent for such a procedure."

Title IX mandates relative equality of opportunity for women and men to participate in varsity athletic programs. "More men participate in sports than women, but that does not mean that the opportunity is any different. The key word in the lawsuit is opportunity," Michaelson said.

On May 12, Senior U.S. District Judge Raymond J. Pettine, who is hearing the case, certified the class-action status of the suit, acknowledging that certification was, he wrote, "based on the pleadings and accepting as true statements recited in the memorandum."

University sued over cuts in women's sports

Lynette Labinger, of Roney & Labinger, Providence, one of the two attorneys working with TLPJ and in behalf of the plaintiffs, said in a June 17 telephone interview that there were legal precedents to indicate that requesting a consent order for relief, which Michaelson also challenged, was appropriate.

Labinger agreed that the "opportunity to participate" clause in the Title IX amendment was crucial to the case, but her interpretation of the language differed significantly from Michaelson's. Of the women who were members of the gymnastics and volleyball teams, she said, "Their ability is acknowledged; they are qualified to compete," and the elimination of funding from the University budget cancels their "opportunity to participate." Saying they can compete if they raise their own money, Labinger added, is not an adequate remedy.

Labinger said that Brown has worked toward equal opportunity in men's and women's sports, but stopped short of the goal. "It's a question of the University saying, 'We've done enough,' and our saying, 'No, you haven't.' " Brown may have been equitable in the four sports programs it eliminated, she said, but the cuts did not emanate from an equal system. — J.R.

Sports

By James Reinbold

The best men's freshmen crew

At the 47th annual Eastern Sprint Championships, May 16, on Lake Quinsigamond in Worcester, Massachusetts, **men's crew** won championships in the second varsity and freshman heavyweight events and tied Harvard and Princeton for first place in heavyweight competition.

The second varsity eight won its event for the first time since 1988, overtaking Navy in the final third of the race and pulling away from Pennsylvania in the last ten strokes, and the unbeaten freshman eight lived up to its number-one seeding, beating Princeton by eight seconds and winning the event for the first time in Brown history.

The varsity team was KO'd from the grand finals by Northeastern, but it rowed much better in the afternoon, finishing second in the petite final.

Three weeks later, Brown captured championships in freshman eights and open fours, won third-place medals in second-varsity eights, and won the petite finals for varsity eights at the 90th Intercollegiate Rowing Championships (IRA) in Syracuse.

Brown oarsmen finished

fourth among the twenty-four teams competing for the James Ten Eyck Trophy.

The freshmen, stroked by Carl Palmer, again beat Princeton, concluding an unbeaten season and establishing themselves as the best first-year crew in Brown history. The open-four, stroked by freshman Peter Bartle, finished a length ahead of Georgetown. The second varsity eight, stroked by Andy Hull '93, finished behind Navy and Wisconsin. And the varsity, which had sunk itself with slow starts in the first two days of the regatta, got off fast in the petite finals and, with Tony Padula '93 setting the pace, won by two-and-a-half seconds over Northeastern, the same team that had knocked the Bears out of the finals of the Eastern Sprints.

Track team travels to England

Thirty-two members of the **men's** and **women's track** teams spent June 13 to July 1 in England and Ireland as part of an athletic and cultural exchange. Twenty-five track team members from Dartmouth also went on the trip. The itinerary included meets at University College,

Dublin, and Oxford, as well as sightseeing excursions in Dublin, Waterford, and Killybegs, Ireland, and London.

Among the eighteen women's team members who made the trip was Susan Smith '93, a native of Waterford, Ireland. Smith was named outstanding athlete at the Heptagonals and holds all Brown hurdle records. She will be team co-captain next season. Also among the women were Meredith Saillant '93, a two-time NCAA qualifier in cross-country, and Sara Hennessey '92, who was the indoor Heptagonals champion in the 800-meter run.

Among the fourteen men was Zack Uribe '92, who recently qualified for the semifinals in the 400-meter hurdles at the NCAA Outdoor Track Championships in Austin, Texas. Uribe holds the Brown record in the event. Jason Pankau '92, IC4A New England discus champion and Brown record holder, and Mike Lynch '94, New England high-jump champion, also participated in the exchange.

This is the second trip to England and Ireland for the track team, which first visited in 1988. "Ostensibly, we're going for the athletic competition," Track Coach Bob Rothenberg '65 said. "But the far more important purpose of the trip is the cultural exchange among the students."

Names

Darren Lowe '92, the second all-time leading scorer in NCAA lacrosse history (he finished nine points short of the record 325 career points), was presented the Lt. Raymond Enners Memorial Award as the Division I Player of the Year by the U.S. Intercollegiate Lacrosse

Association at the All-American Luncheon at Towson, Maryland, in June. Lowe is a three-time All-American and the 1992 Ivy League Player of the Year. He scored thirty-six goals and had sixty-six assists this season to lead **men's lacrosse** into the 1992 NCAA tournament. Brown beat Loyola in the opening round of action and then lost to North Carolina in the quarterfinals.

During his four-year Brown career, Lowe broke virtually every scoring record. He set career marks for points (316) and assists (205); single-season points (102) and assists (66); and single-game records for points (13) and assists (12).

Four **women's lacrosse** players earned All-Ivy honors. Melanie Bartol '93 and Ghislaine Trombert '93 were named to the second team, and Leigh Ernst '93 and Anna Saalfeld '93 were honorable mention.

Sepp Dobler '93, Joe Mocco '93, and Chris Tokarski '93 were named captains of the 1992-1993 **wrestling** team. Dobler's only losses last season were at the NCAA championships. Mocco was undefeated, with one tie, in seventeen dual meets, and Tokarski had an 18-10-1 record.

Women's track's Susan Smith '93 was named outstanding woman athlete at the 1992 Outdoor Heptagonal championships held in May at Yale. Smith, the meet's only three-event winner, won the 100-meter hurdles, 400-meter hurdles, and the 100-meter dash.

Baseball players Todd Carey '93, shortstop, and Tom Vallone '92, outfielder, were named to the Eastern Intercollegiate Baseball League (EIBL) all-star team.

E

Books

By James Reinbold

Coal miners' doctor

Appalachian Passage by **Helen Brush Hiscoe** '40 Sc.M. (University of Georgia Press, Athens, Georgia, 1991). n.p.

For a year, beginning in June 1949, Dr. Bonta Hiscoe, a young physician, committed himself to the care of coal miners and their families in a remote hollow in southwestern West Virginia. He had graduated from Columbia's College of Physicians and Surgeons, assisted by the Navy's V-12 program, and had completed his two-year payback at the Great Lakes Naval Training Center.

Now, Hiscoe wanted to pursue a surgery residency; but in lean times, and with a wife and infant daughter, he could not afford it. A year in Coal Mountain, West Virginia, would offer him an opportunity to practice medicine and to save enough money to support himself and his family throughout the period of his planned residency.

Appalachian Passage is based on the diary Helen Brush Hiscoe kept for that year. As she notes in the prologue: "The prospect of living in a coal camp in West Virginia filled us with excitement. We felt it would be a real adventure. Certainly it would give us an opportunity to work together; we wanted to bring the miners and their families the best medical care Bonta knew how to provide. We were naive, idealistic, enthusiastic, and unaware of labor-management tensions in the coalfields. We foresaw no problems at all, so long as we were together."

The book is not splintered by original diary entries, but is a smoothly-written narrative, divided into chapters, and reading often like fiction. A sociological study of the manners and mores of a mining community, it is also a testament to the relationship, tested often by the magnitude of the doctor's task, between a young married couple with a small child. Hiscoe provides a unique view of the labor strikes, which pitted John L. Lewis and the United Mine Workers against George Love and the newly-formed Bituminous Coal Operators Association.



Hiscoe helped her husband in his office and assisted him in home deliveries of babies and with countless other medical emergencies. While they had to tiptoe around Hatfield-McCoy-like family feuds, their care and affection for their patients was often repaid, sometimes with the gift of a live chicken. With no trained help and substandard facilities, Dr. Hiscoe cared for the more than 400 miners and their families who lived in Coal Mountain. Helen Hiscoe's life is revealed vividly in her three roles: mother raising first daughter, doctor's wife, and medical assistant.

Hiscoe writes with calm and compassionate reflection, whether she is recounting a harrowing night-time emergency run over a dried-up creekbed to reach a miner's wife already deep into labor, the squalid living conditions of most of the families, gruesome accidents at the mines, or the bruised and battered – and sometimes gunshot-wounded – victims of domestic violence and feuding. And there is always a sense of control, a quality needed in abundance by both doctor and wife to deal with that year in Coal Mountain.

The intensely personal way all events – domestic, social, and historical – are recounted adds "another priceless dimension to this book," Barbara Ellen Smith writes in her forward. "Even as it captures the ambience of a place and time, Helen Hiscoe's record stands as a provocative reminder of the difference between history as it is conventionally written and history as it is lived."

At the time of his retirement, Dr. Hiscoe was associate dean for clinical services in the College of Human Medicine at Michigan State University. Helen Brush Hiscoe is professor emerita in the department of natural science at Michigan State.

Noted

◆◆ *Success: New and Selected Stories* by **Hilary Masters** '52. (St. Martin's Press, New York, 1992). \$17.95. This is the second collection of short fiction by Masters, the author of six novels and a memoir. The stories appeared previously in sundry periodicals. Masters teaches English and directs the creative writing program at Carnegie-Mellon University.

◆◆ *Back In The Blue House* by **Jeff Giles** '87. (Ticknor & Fields, New York, 1992). \$19.95. An autobiographical novel about growing up in Cohasset, Massachusetts. Giles toils anonymously for *The New Yorker* and gets recognition for his articles in *Rolling Stone*, which include a cover story about Robin Williams.

◆◆ *A Handbook For Drowning* by **David Shields** '78. (Alfred A. Knopf, New York, 1991). \$19. A collection of connected short stories by the author of the novels *Heroes* and *Dead Languages*. Shields lives in Seattle with his wife and is a member of the English faculty at the University of Washington.

◆◆ *A Scholar's Conscience: Selected Writings of J. Saunders Redding 1942-1977* edited by Faith Berry. (The University Press of Kentucky, Lexington, Kentucky, 1992). \$37, cloth; \$15, paper. The first anthology of the diverse writings of Redding ('28, '32 A.M.), "the dean of Afro-American scholars."

◆◆ *Harriet Beecher Stowe: Woman and Artist* by **Edward M. Holmes** '59 A.M., '62 Ph.D. (Northern Lights, Orono, Maine, 1991). \$12.95. A biography of the author of *Uncle Tom's Cabin* wherein the author argues the literary merits of that book and Stowe's other novels and places her in historical and social contexts.

◆◆ *Beakless Bluebirds and Featherless Penguins: Observations of a Naturalist* by **Sr. Barbara Ann (Underhill)** '59. (Scriptorium Publications, P.O. Box 3127, Catonsville, Maryland, 1991). \$10. The care of two orphaned bluebird chicks by the Episcopal nuns focuses this glimpse into day-to-day life at All Saints Sisters of the Poor, Catonsville, Maryland. Proceeds from the sale of the book go to hospice work carried on by the sisters.

B

Your First Year of Post-college ANGST

A
MONTHLY
PLANNER

Every May, the ritual is the same. The president, magnificently garbed in a gown the color of the richest Belgian milk chocolate, ascends the steps of the podium in front of University Hall and gazes out at the assembled throng. With the time-honored incantation, "*Obesa cantavit*" ("The fat lady has sung"), and a wave of his hand, he sends a new generation of Brown students into the world.

But what next? What happens in the year that follows – that first year out of Brown, the year in which the University stops demanding your money and starts asking for it politely? The year President Gregorian begins leaving those insistent, plaintive requests for donations on your answering machine?

It's a tough, angst-ridden year. But what, exactly, are the sources of this angst, and how does it work its way into your everyday life? Does it spring from profound confusion over your future, or is it caused by your eviction from the safe routines of college life? Does it result from the wistful abandonment of youth and the reluctant embrace of a future of lawn care and hair loss? Or is it manufactured somewhere off the Jersey Turnpike? As a public service to all alumni and alumni-to-be, we now examine these and many other only vaguely and tangentially related issues in a May-to-May exposé.

Written and illustrated by Brian Floca '91 and Jeff Shovel '91



May

Commencement lasts thirty-four hours. It is less a celebratory send-off than a triathlon run by academics – a relentless series of speeches and relays in which you, outfitted in heat-absorbing gowns of a material resembling pleated wax paper, cap off four years of growth, successes, setbacks, exams and papers, melodrama, loves, losses, and coffee consumption of such magnitude that it has brought economic stability to several Latin American countries.

You have successfully (more or less) completed four years (more or less) at Brown, and now a seemingly credible group of professors and politicians and unidentifiable men and women in brazenly colored bathrobes and big

floppy novelty hats assembles to lock the gates behind you. At least one of the speakers likens you to an Apollo rocket on the launchpad of life, on the countdown to the lunar landscape of international importance. Dizzy with the onset of heat stroke, you nod with agreement and mumble something in Latin about freeze-dried “McNuggets.”

Leave the ceremony with the notion that you’ll awaken the next morning, have a quick bowl of bran, and straighten out those complications in the Middle East with time left for a quick game of squash before lunch.

Wake the next morning with a diploma in a dead language and a killer case of hat head.

June

Strive to begin your post-college life with cheerful optimism. After all, this *is* summer vacation. And as you don’t have to be back at Brown in late August, the “life-as-one-big-endless-summer-vacation” metaphor strikes you as particularly compelling.

The “life-as-one-big-endless-summer-vacation” metaphor strikes your parents as less than compelling. Mom and Pop throw cold water on your standard summer plans – inhaling Cheez Kurlz in front of “I Dream of Jeannie” reruns – and insultingly suggest that the neighborhood McDonald’s is offering “Food, Folks ‘n’ Fun.” Flee.

Begin to tackle four years’ worth of laundry.



July

Rent a squalid apartment. Query the landlord as to whether the poodle-sized rats violate the "no pets" rule. Rig your 1962 vintage black and white 9" TV with an aluminum foil antenna and watch "I Dream of Jeannie" through bursts of static. Weave among the aisles of the local 7-11, looking for Cheez Kurlz and stepping over the empty cartridges from last night's hold-up. Decide that it would be silly superstition to consider this a bad omen.

Realize that all of your friends and acquaintances – your whole frame of reference – have vanished, as if into the crowd at Funk Night. Buy stock in the long-distance phone company of your choice.

Begin job application process by penciling a rough draft of your résumé on the back of a Hershey's wrapper. Estimates of your life's potential drop like a celebrity's single-engine plane. Compare your prospects to those of the Commonwealth of Independent and Former Soviet But Certainly Not United States.



August

Situation worsens. Compare your prospects to those of the Democratic Party.

Sense that the Apollo rocket of the Commencement speech has blasted you into the cold void of outer space, where no one can hear you scream, though your upstairs neighbors seem to make a hell of a lot of noise. Spend sleepless nights inventing creative superlatives for your résumé; settle on "bestest" and "Fahrvergnügen."

Absorb the sinking realization that your entire circle of friends has been spread like peanut butter across the loaf of the world. Conclude that with-

out forced daily interaction with 7,000 students, you are left with the social life and breeding habits of a brine shrimp.

HEY, BABY...
WHAT SAY WE HEAD BACK
TO MY PLACE AND SLIP OUT
OF THESE EXOSKELETONS?



September

Subscribers to life-avoidance theories enter grad school and stop reading here. Resume reading from the top upon completion of graduate studies (in one to thirty-seven years).

As the school year begins without you, find yourself repeatedly jerking awake in the middle of the night, thumbing through old course announcement catalogues in search of a chem lab that doesn't meet during "C" hour. This confirms fears that you have contracted what several respected physicians, some associated with high-profile medical journals such as *People*, refer to as "Post-Collegiate Angst." While some of your classmates took only brief commercial breaks between the regularly scheduled programs of their lives, you have stumbled into one of those endless info-mercials selling catalytic converters that double as stomach toners.

Friends from home make matters worse by announcing engagements to junior high school sweethearts. As you purchase wedding gifts in the novelty aisle of Wal-Mart, balance gratitude for being single with fears of going the rest of your life without a date.

October

Great strides in adjustment: you resolve to stop referring to this time of year as “that really hellish time between Parents Weekend and midterms,” and instead try out the term “autumn.” Coffee consumption increases out of habit. Begin to discern the truth of the Apollo rocket metaphor: you are more like the disposable fuel tanks on the space shuttle, sucked dry and jettisoned to burn up in the atmosphere.

On Halloween, mistake a six-year-old dressed as Donald Trump for someone who might actually give you a job. Release him to his parents only after he promises to keep your résumé on file.

November

Resolve to spend the entire month alone in your apartment, penning despondent letters and watching Bergman films on late-night TV; during commercials revise your résumé.

Read up on the intriguing concept of “welfare” and develop a renewed respect for Franklin D. Roosevelt. Increase your fluency in such topics as car maintenance and insurance. Feel yourself getting rustier at deconstructing Latin American cinema.



December

Mock younger siblings still in school taking finals. Feel betrayed as they return from college and accuse you of becoming part of the hegemony. Boast to them of the pleasures of graduate life, though they fail to understand the notion of “reading for pleasure.” Spend the holidays at your par-

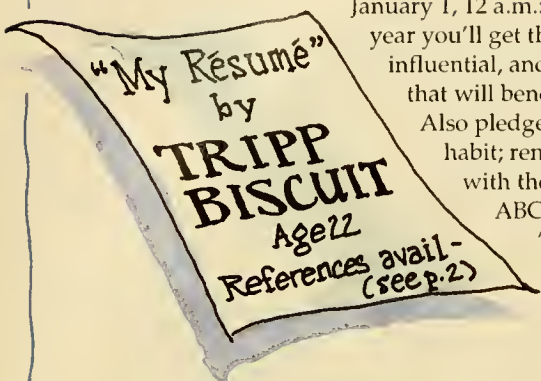
ents’ house, attempting to overlook your old bedroom’s new decor.

Receive an offer of a job delivering small, unmarked packages to a guy at the airport named Vito. Hold out for something with better benefits.

Would it help if your résumé were typed?



January



January 1, 12 a.m.: Resolve that *this* year you'll get that powerful, influential, and high-paying job that will benefit humanity.

Also pledge to kick the TV habit; renege at 12:05 a.m. with the premiere of ABC's wacky new "Gardening Blunders and Practical Jokes."

Successfully complete a draft of your résumé that fills almost an entire page. Potential employers praise it as a stirring testament to "your abilities to manipulate font sizes and toy with margins," but still no job offers.

Newly married friends announce the imminent arrival of their first set of spawn. Calculate months since wedding. Regard seven-dollar movie price-tag as a bargain as friends add on the price of babysitters.

Return books to the Rock.

February

First sign of encouragement: form rejection letter hints that you may actually have been considered for the job. The letter even *thanks* you for applying. Redouble efforts: enclose letters of recommendation from *both* sets of grandparents.

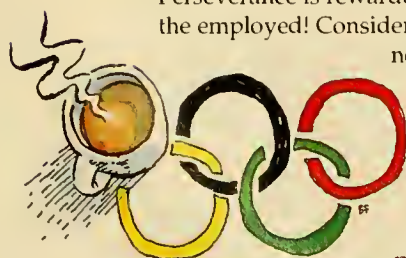
Become absurdly nostalgic for coastal New England weather. Attempt to recreate that special Providence feeling:

- 1) Fill your bathtub with several Slurpees™ from your neighborhood 7-11.
- 2) Wade.

Removed from a classroom environment, your friends from college seem incapable of writing on a regular basis. Replace them with Captain Piccard and the rest of the *USS Enterprise* crew, weekdays at 6 and Saturdays at 7:30.



March



Perseverance is rewarded – you join the ranks of the employed! Consider the fact that your job does not require the wearing of a uniform a major life victory. Still, a nametag might help remind your boss that your name is not "file boy." High coffee tolerance proves to be a disadvantage, as it takes six cups in the morning

before you can toast bread. You do, however, impress your co-workers by capturing "Rookie of the Year" in the office caffeine olympics.

Acquaint yourself with the sensual touch and smell of a paycheck. Upon seeing the portion forfeited in taxes, experience a wave of nausea as you repress an urge to blame "that damned fool Roosevelt." As a gesture of repentance, put the "Mondale/Ferraro '84" placard back up on your wall.

Call the IRS to determine whether you can claim rats as dependents.



April

Settle into one of the rhythms of professional life:

- 1) work-sleep-work-sleep
- 2) work at work-work at home
- 3) sleep at home-sleep at work.

Spend your free time deciding how to spend your free time.

Students go on Spring Break. Feel old. Respond either by embracing aging process and cursing "those lousy kids and their wild shenanigans," or by making yourself ill for a week seeing if you can still funnel a six-pack in case of an emergency.

May

Experience vivid flashbacks to your own graduation; attribute them to Post-Collegiate Traumatic Lost Innocence Syndrome and scan the Yellow Pages for a support group.

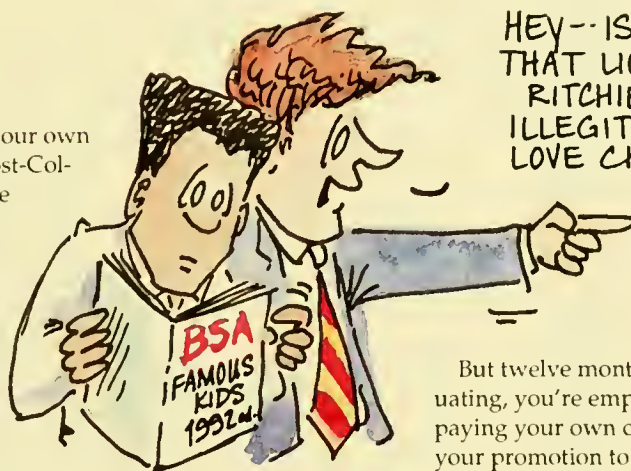
Attend Campus Dance.

Cynically avoid your class reunion group hug. As proof of your financial success, unwisely offer to buy a round of drinks for "all my old buddies here on the Main Green."

At the Commencement ceremony, fail to impress graduates shivering in raincoats as to just how God-awful hot it was the year you graduated.

New alumni come to you for advice. Laughingly dismiss their fears, but admit that "it is hard to believe the job market is even *worse* this year."

Return from Commencement feeling a Zen-like sense of completeness and just a little bit smug. Sure, there were awkward moments – your ill-fated attempt to lead the Brown Band in a rendition of Bob Dylan's "Talkin' Bear Mountain Picnic Massacre Blues"; that little tussle with Dean Blumstein over those "obvious typos on my transcript"; and your regrettable purchase of BSA's *Guide to This Year's Graduating Offspring of Celebrities*.



HEY-- ISN'T THAT LIONEL RITCHIE'S ILLEGITIMATE LOVE CHILD?

But twelve months after graduating, you're employed, you're paying your own cable bill, and your promotion to "fax boy" seems imminent. You still look

back fondly at Brown, but you've constructed at least the shell of a new, post-collegiate life. And you're too overworked to feel angst-ridden these days. As you relax in the embossed captain's chair you bought for a song at the Brown Bookstore, the only thing disturbing your peace of mind is the persistent drone of your answering machine: "Hello... are you there? This is President Gregorian. Look, I *know* you're in there... Hello?" **B**



Brian Floca '91 of Providence is illustrating a children's book by the author Avi, to be published next year. Jeff Shesol '91, whose cartoon collection, *Thatch: Featuring PC Person*, was published in 1991, recently completed his first year as a Rhodes Scholar at Oxford. His cartoons appear in the *London Observer*.

.....

Tools of the trade: to find traces of the Big Bang, physicist Peter Timbie is mapping the microwave background radiation of the cosmos. And it's cold: 2.7°C above absolute zero (or -460°F). To measure it, he needs an incredibly sensitive thermometer, housed in a super-cold refrigerator – the blue cylindrical cryostat behind him, which gets colder than $.1^{\circ}\text{C}$ above absolute zero. The fridge and thermometer will fly in NASA's Space Infrared Telescope satellite, as part of the Great Observatories program after the turn of the century.



PHOTOGRAPHS BY JOHN FORASTÉ

LOOKING FOR THE COSMIC BLUEPRINT

*When – and
how – did the
universe begin?
Two Brown
physicists are
attempting to
understand
what happened
in the first few
microseconds
after the
cosmic birth*

BY BRUCE FELLMAN

Now, my suspicion is that the universe is not only queerer than we suppose, but queerer than we can suppose....

I suspect that there are more things in heaven and earth than are dreamed of, in any philosophy.

– J.B.S. Haldane, *Possible Worlds* (1927)

When Haldane, one of the most prominent scientists of his era, voiced that opinion, most learned heads nodded in agreement. Sixty-five years later, the universe remains a queer place, but time and discovery have stretched our ability to suppose and dream.

So it is that Peter Timbie, assistant professor of physics, toils in his laboratory in the Barus and Holley basement. There he is designing and building an instrument whose purpose is understanding the origin of the cosmos. In Haldane's day, such an undertaking would have seemed the height of hubris – and folly. These days, however, theorists and experimentalists are treading on territory that historically was set aside as the philosopher's garden.

Timbie and his colleague, Robert H. Brandenberger, associate professor of physics, represent the physics department's recent entry into the intriguing research aimed at investigating the early years, even microseconds, of the

universe's creation. In addition to their efforts, other Brown physicists are hunting for the sun's "missing" neutrinos [sidebar page 31], and, in collaboration with visiting scientist Viachaslav Mukhanov of Moscow's Institute for Nuclear Research, attempting to understand what goes on in the center of a black hole, a problem that demands the rewriting of Einstein's theory of general relativity [sidebar page 28].

Timbie and Brandenberger are searching for a kind of cosmic blueprint: an explanation for the perplexing observation that the modern universe has a large-scale structure that wasn't present right after the "Big Bang" that scientists believe started it all.

"By structure, we mean that the density of the universe is not uniform," Brandenberger explains, "and we always knew this was true – we see stars and galaxies – but we didn't know how big the structures were, or what they looked like."

During the last decade, astronomers have located giant clusters of galaxies, along with enormous voids. Perhaps the most famous structure is the "Great Wall," a cosmic fence whose dimensions are astronomical even by astronomical standards. The Wall is roughly 500 million light-years long (light travels about 6 trillion miles in a year), 200 million light-years wide, yet only a mere 15 million light-years thick. It's the largest thing anyone has ever seen, and it has scientists scratching their heads.

BEYOND EINSTEIN AND INFINITY

When visiting cosmologist Viachaslav Mukhanov talks about travel, the journeys he discusses are a bit more perilous than his flight between Rhode Island and the Institute for Nuclear Research in Moscow. "If my fate when I fall into a black hole is not terrible, what will I find?" the thirty-five-year-old researcher wonders.

Black holes, of course, are for bidding regions of space-time in which the pull of gravity is so enormous that nothing, not even light, can escape. Using Einstein's equations, scientists discovered that in such places, the curvature and density of the universe reaches infinity, which creates an impossible-to-analyze situation called a singularity.

"Physics breaks down," says Mukhanov. "We can't apply our

physical laws beyond this point."

But what if Einstein was missing something?

Just as the theory of relativity enabled physicists to deal with a world in which Isaac Newton's laws no longer applied, Mukhanov is attempting to write equations that get beyond singularities – and into the heart of black holes and the beginning of our universe. He's working on this mind-boggling problem at Brown with Associate Professor of Physics Robert Brandenberger and graduate student Andrew Sornborger, and the trio has made some remarkable progress.

Their success rests on a bold assumption: curvature and density get very, very large, but they don't go to infinity. "We constructed a theory that lets us escape the singularity,"

says Mukhanov, adding that the effort enabled the scientists to "journey" – theoretically; a real journey would be fatal – inside a black hole. What they found is stranger than science fiction.

"Every black hole is the source of a new universe, and so in principle, we could travel to other universes. Indeed, if we could create a black hole in the laboratory, we could actually create a new universe!" declares Mukhanov, whose work enables him to put into proper perspective the events that sent the Soviet Union down the black hole of history.

"Compared to this," he says, pointing to the equations of eternal creation and re-creation, "what happened in my country is a small thing. – B.F.

"Our theories all assume that the universe starts out homogeneous," says Brandenberger, "so we have to ask the question: are there processes that can create inhomogeneities?"

His research has generated a cautious "yes." The device Timbie is crafting will determine whether or not his colleague – indeed, most of cosmology – is on the right track.

The current research path began in 1929, when astronomer Edwin Hubble discovered that, instead of sitting still, the universe is actually expanding at a pace that increases the farther out in space one looks. Hubble's watershed finding enabled scientists to run the expansion movie in reverse and to date creation as having occurred approximately 15 billion years ago, give or take 5 billion. Hubble's work also meant that everything in existence came together at one point in time.

In other words, there was a real beginning.

Incidentally, not all cultures accept this notion. "Know that the world is uncreated, as time itself is, without

beginning and end," notes the *Mahapurana*, the "Great Legend" of ninth-century India. There are also modern "multiverse" theories – accounts of universes within universes – that echo this Eastern viewpoint, and answer that nagging, childish question, "What happened before the universe started?", with a simple, "There was no 'before.'"

The Big Bang theory disagrees, and while it doesn't offer a reason for why the beginning began, it does posit a start. When Brandenberger entered graduate school at Harvard in 1978, theorists also started providing a plausible mechanism for creating inhomogeneities. "Until that time, questions concerning the origin of large-scale structures in the universe tended to be philosophical," says the Swiss-born scientist, who studied at the same undergraduate school that Einstein attended. "But suddenly, you could show that there might be a physical explanation for what we observed, and cosmology became a real part of theoretical physics."

After obtaining his doctorate, Brandenberger honed his skills at Cam-

bridge University on the research team led by Stephen W. Hawking, the brilliant English cosmologist whom many consider Einstein's heir. (Readers interested in more information on cosmological topics are referred to Hawking's best-seller, *A Brief History of Time*.) In 1987, Brandenberger joined the Brown faculty, where he enjoys a reputation as a riveting lecturer and a tireless investigator.

The thirty-seven-year-old scientist explains that his work doesn't start quite at the moment of creation, for in the beginning, to change the words of Genesis a bit, was a singularity, a place that mathematics and physics can't, at this writing, penetrate. Existing theory simply assumes that all was perfect and unified in one fundamental force.

Alas, perfection didn't last. The briefest fraction of a second after creation – 10^{-35} second, or a decimal point followed by thirty-four zeros and then a one, to be exact – imperfection entered the scene. There, Brandenberger begins his investigation.

To envision the early universe, Brandenberger suggests thinking about what happens to a molten metal as it cools and crystallizes.

"In the fluid phase, the metal is more or less homogeneous," the scientist explains. "There's a lot of action going on, with all the atoms moving rapidly, but the entire picture is that of a uniform body. If you cool the system down rapidly, though, defects often form in the resulting crystal, which is then inhomogeneous with distinguishable defect lines."

The deformation process requires extra energy, and so a key property of each defect line is that it contains more energy than its surroundings. Since, as Einstein pointed out, energy is equivalent to mass, the lines are also more massive than anything else in the neighborhood, which means they exert an extragravitational attraction on whatever else is close to them. If the theory is correct, these imperfections, which cosmologists call "cosmic strings," are the seeds of the structures we see in the heavens.

The early universe, of course, was not a molten metal. As near as anyone can determine, the initial cosmos was an incredibly hot and dense field of energy in which all the separate forces we know today were unified. The universe itself was also very small, not much larger than the radius of a hydrogen atom.

At 10^{-35} second, strings that represented places that fell short of crystal-line perfection suddenly appeared and stretched across the entire extent of this infinitesimally tiny speck. As the universe grew, so did its defect lines, which writhed and wiggled like snakes far queerer than anything Haldane, or indeed, almost any of us, might imagine. As an example of the bizarre beasts in the cosmological zoo, try to envision a serpent as long as the cosmos, and yet much thinner than the lone proton making up the hydrogen atom nucleus. Despite its svelte appearance, however, a bit of string the size of this atomic center would weigh more than ten tons.

"If such particularly potent strings truly exist, astronomers may not be too desirous to observe them close-up," writes Marcia Bartusiak in *Thursday's Universe* (Times Books, 1986), an excellent account of modern cosmology. The gravitational field, a consequence of

each string's enormous weight, would "wreak havoc," she notes. "If this string sliced through you, your head and feet would proceed to rush toward one another at 10,000 miles per hour."

Not even supermarket tabloids have reported such encounters, and in lieu of observing some unfortunate person go literally head over heels at supersonic speed, researchers look for subtler signs of their quarry's existence. One line of evidence, says Brandenberger, comes from the distribution pattern of galaxies and galactic clusters that astronomers have documented.

To explain how theory predicts observation, the scientist heads to the chalkboard. "If you have a long string that's wound up, it can form a loop that splits off," he begins. "Now each loop, which you can think of as a relativistic elastic band, oscillates back and forth rapidly, and emits gravitational radiation."

Just as the Earth attracts the moon, these centers of gravity attract material. "Loops of string will result in clumps of matter, and it turns out that the minimum separation of loops is approximately the minimum separation of clusters that we observe," says Brandenberger.

Score one for the string model, which also predicts the existence of sheetlike structures. At the chalkboard, Brandenberger draws a line that he asks the viewer to imagine is moving at close to the speed of light. "The effect is like a motorboat on a pond," he continues. "It produces a disturbance – a wake – behind it, and into this wake mass flows."

The result of a string's passage could be a Great Wall.

But these correlations, while certainly tantalizing, are not the definitive proof of what one wag has called the "cosmic dental floss" model of Creation. For the theory to be accepted, researchers require that strings be caught in the act of doing something measurable. This brings us to the Barus and Holley basement, where Peter Timbie and the machine-shop wizards are constructing what he modestly calls "a portable refrigerator."

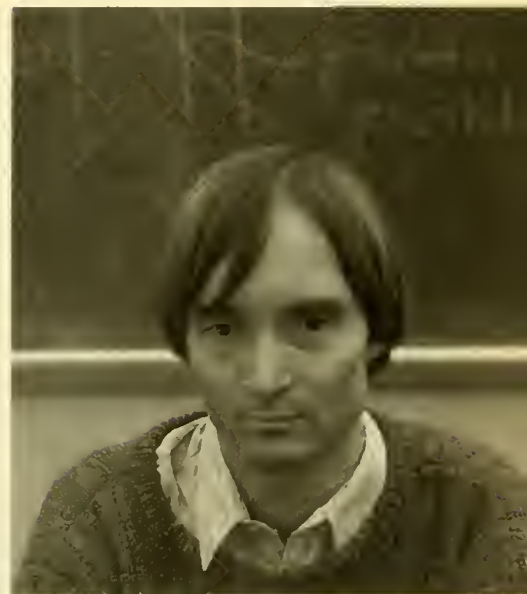
Tinkering, explains the thirty-four-year-old scientist, who joined the facul-

ty in 1990, is in his blood. "My grandfather was an engineer who used to tell me how to build things out of wood and metal, and how to design," Timbie notes, adding that the early training has served him well in ways he couldn't have envisioned.

Physics captured his imagination in high school and college. "It seemed so fundamental, and it was easy to see how you could use it in any number of fields," says Timbie. "I liked the fact that you could come up with a physical problem, write down all the steps it took to get the answer, and there'd be something that was exact and perfect."

In graduate school at Princeton, he heard cosmology's siren song, and the scientist quickly came up against the chief difficulty confronting the relatively young field. "Cosmology is a data-starved science," Timbie notes. "There are plenty of models for how the structure of the universe formed, but we're trying to relate the models to reality by finding something observable that gives us real contact with the early universe. Unfortunately, there aren't a lot of ways to do that."

Theorists such as Brandenberger could tell observers what to look for, but confirming theory wasn't simply a



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Before coming to Brown, theoretical physicist Robert Brandenberger worked on the Cambridge University research team led by cosmologist Stephen W. Hawking.

matter of pointing a telescope at the heavens and measuring a particular parameter. Often, the proper detecting equipment didn't exist. "First, you have to develop new instrumentation, and that takes a long time, because you can't get the components you need off the shelf," says Timbie. "You have to create them, and though nobody starts off in this business as an engineer, the science quickly drives everybody doing experimental work in that direction."

Timbie was already so inclined, and he plunged into the land of blueprints, electrical testing equipment, superconductors, and cryogenics. His current goal is to provide the most detailed maps available of the "cosmic microwave background radiation [CMBR]," a faint echo of the Big Bang. The CMBR was created about 300,000 years after the beginning, when the hot hydrogen and helium gas that made up the expanding universe "cooled" to roughly 11,000° F, the same as the surface of the sun. At the hotter temperatures that prevailed before that important date, the photons that make up radiation would interact with the highly-ionized gas cloud and lose their identities. After the cooling, however, they could travel unimpeded.

"It's as if the universe suddenly became transparent," Timbie notes, "and that's critical, because stored in the photons is information about the conditions that prevailed during this very early time period. Assuming they don't interact with anything between then and now, we have a perfect picture of what it was like back then."

All researchers have to do is figure out how to develop the portrait. Since 1966, when the CMBR was inadvertently discovered, researchers have used increasingly sophisticated detectors, including the Cosmic Background Explorer (COBE) satellite launched in 1989, to map the radiation. What they've learned is that 15 billion years after it was emitted, the CMBR is now cold, a scant 2.7° C above absolute zero (which is about -273° C, or -460° F). The other important fact they've learned is that the CMBR is uniform.

"COBE and other observations tell us that there's no structure out there that can be seen," says Timbie. "Everywhere you look, the CMBR is smoother than a billiard ball."

If the cosmic string model of the universe is right, however, the smoothness

has got to be an illusion. Sometime since creation, the CMB photons must have crossed the path of a string, and its massive gravity would have slowed them down an almost imperceptible amount. The result would be what cosmologists call an "anisotropy," a wrinkle in the CMB fabric. Given sensitive enough detectors, observers should see these anisotropies as tiny differences – on the order of one-millionth of one degree centigrade – in the radiation's already frigid temperature.

Timbie, armed with \$750,000 in grants from the National Science Foundation and NASA, is building what are essentially ultra-high-tech thermometers, each roughly the size of a pinhead. The instruments, which are known as bolometers, will be housed inside a refrigerator, which is technically referred to as a "liquid helium cryostat." This blue, two-and-a-half-foot-high by one-foot-wide steel cylinder will be capable of generating temperatures of somewhat less than one-tenth of a degree C above absolute zero. "The colder the detectors, the more sensitive the measurement," says the scientist.

The creation of this instrument package is itself a technological *tour de force*. "The strength of our machine shop has been the key to doing this project," says Timbie with evident pride. "Nobody has ever built a refrigerator that can cool things to this temperature and is both transportable and reliable."

The technology, both in the detectors and the refrigeration unit, will eventually be used in NASA's Space Infrared Telescope satellite, which is scheduled for launch sometime after the year 2000 as part of the space agency's Great Observatories program. But first, the entire package is going to have to prove itself closer to the ground.

If everything goes according to plan, in 1994 Timbie's device will be attached to a helium-filled balloon almost 100 feet tall and launched at night into either the Texas or New Mexico skies. Once it reaches an altitude of about twenty miles, a radio-telescope, which is part of the instrumentation, will direct CMB radiation into the refrigerator and onto the bolometers, which will record a temperature profile.

After twelve hours of monitoring

the cosmos, the payload will descend to Earth by parachute where it can be retrieved for the next flight.

Or so Timbie hopes.

"The NASA people who run the balloon launch facilities do everything they can to recover your precious experiment, but there are all these horror stories," says Timbie, who relates a tale about a balloon flight in Brazil, where the controllers couldn't bring down the instrument package. "Several years later, the scientist who headed the project got a phone call telling him that the payload had been found: the local people had taken it apart, and there were pieces stashed in a cave, as well as on display at the local bar."

Assuming his handiwork avoids that fate and the instruments perform well, Timbie will have data that can be used as a reality check for the existing models. "Either there's something there, or there's something dramatically wrong with our understanding of where the cosmic microwave background radiation is coming from," he notes. "So whatever we see, whether it's a continuation of the temperature smoothness, or a genuine temperature difference, has tremendous implications for our understanding of the development of structure in the universe."

The researcher will not lay odds on the outcome of his experiment, but he does express worry about what will happen to theory if it turns out that the CMBR continues to be more like the skin of a newborn than the face of a teenager. "We're really at the edge of running out of explanations that anyone would consider reasonable," says Timbie. "If we rule out our current models, God knows."

Update: Shortly after this article was written, scientists analyzing data from NASA's COBE satellite announced the discovery of small temperature variations in the CMBR. They found that the microwave radiation temperature differs by some six parts per million in large regions of the sky.

"This discovery from the early universe," says Brown's Peter Timbie, "is extremely encouraging to our researchers. We can now expect to see similar effects in smaller regions in our own experiment, and we can make direct comparisons between the observations and our theoretical models." **B**

FINDING THE GHOSTS IN THE SOLAR MACHINE

Something is missing in the sun, and, to cosmologists, finding it is of utmost importance to theories explaining the origin and future of the universe.

The solar truants are subatomic particles called neutrinos that are created during the high temperature reactions that power stars and that occurred after the Big Bang. The problem for scientists is that when we monitor the sun, we don't detect nearly enough neutrinos to satisfy theory. It isn't that the particles aren't there; rather, it's that they write their signatures in invisible ink.

Well, *almost* invisible ink.

In another bustling lab in the Barus and Holley basement, physicists Robert E. Lanou, Jr., Humphrey J. Maris, George M. Seidel, and their colleagues have figured out a novel way to glimpse the ghosts in the solar machine.

"Neutrinos can travel through

miles and miles of material, even the entire Earth, without doing anything at all," Lanou notes. "But rarely, they do *something*."

Perhaps they make noise. The idea – a "wild one," Lanou admits – is that when a neutrino strikes an electron, the collision generates sound waves called phonons. These can't be heard directly, but the Brown scientists suspected that phonons would make their presence known in the right material: liquid helium.

Several years ago, armed with a nearly half-million-dollar grant from the U.S. Department of Energy, the researchers started putting together their now-functioning prototype neutrino detector. At its heart is a two-liter copper bottle filled with helium chilled to 50 millikelvins, which is one fifty-thousandth of a degree above absolute zero. A thin wafer of sapphire sits above this frigid liquid.

True to prediction, recoiling electrons generate phonons, and their

energy causes helium atoms to evaporate onto the sapphire. This energy transfer process raises the sapphire's temperature by 0.05 millikelvins, an infinitesimal, but still detectable, amount.

"We look for these little temperature pulses," says Lanou, "and so far, the prototype has been very promising."

However impressive its performance, this device is too small to detect actual solar neutrinos, the scientists explain. But by monitoring neutrino proxies, the detector has determined the signature of the real thing. Given at least five years and a few million dollars, the researchers may be able to start "listening" to ten tons of liquid helium to learn the whereabouts of these missing particles. The discovery will tell us about the sun, as well as whether the fate of the cosmos is another bang, or a whimper. – B.F.



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In the cosmic lab (the Neutrino Cryogenic Detector Laboratory, to be specific), counterclockwise from the top: engineering Professor Humphrey Maris, graduate students Scott Porter and Simon Bandler, physics professors George Seidel and Robert Lanou, and graduate student Chris Paine.

Faces from the Rising Generation

There is no typical student on financial aid at Brown, as these seven undergraduates attest

By Anne Diffily and Charlotte Bruce Harvey
Photographs by John Forasté

Students on financial aid. Upper-cased, the term denotes a specific student organization. As it stands, it describes the 33 percent of the undergraduate student body who receive grant aid directly from the University. (Another seven percent receive only "self-help" aid – jobs and loans.) This coming year, they will cost the University \$19.2 million – money assembled from unrestricted revenues (\$14.6 million), endowment earnings (\$3.6 million), and gifts (\$1 million).

With so much attention focused this spring on access to higher education and the concept of "need-blind admissions," the question inevitably arises: Who receives financial aid?

Even a brief examination of statistics and individual cases produces this conclusion: there is no "typical" financial-aid student at Brown. With annual family incomes ranging from poverty level (well below \$20,000) to above \$100,000, the cohort cannot be stereotyped economically. Nor racially: 58 percent of Brown's financial-aid recipients are white, 19 percent black, 12 percent Hispanic, and 11 percent Asian-American.

These students come from small towns and big

cities. From public schools and private academies. From homes where parents have Ph.D.'s and homes where no English is spoken. They are athletes, scientists, pre-meds, musicians, future teachers, community volunteers, activists.

They are, every one of them, members of the "rising generation" that is a focus of Brown's new capital campaign, which aspires to raise at least \$75 million for financial aid, \$40 million of it targeted for undergraduates.

Perhaps the best way, we decided, to talk about this diverse and energetic segment of the rising generation was to get to know some of them. So we did. Two BAM staff writers canvassed deans, faculty, administrators, and student leaders and came up with a short list of students on financial aid. Each has made a difference at Brown, and each appears likely to make an impact on the larger world after graduation. Without financial aid, they wouldn't have been here.

These, then, are seven of the faces – among many – in Brown's rising generation. (A more detailed examination of the financial-aid process will appear in the BAM this fall.)



On the field and in the classroom: Micah Davis '93

Here are the stats on MacKenzie "Micah" Davis:

*Defensive line
Junior, 6'2", 255 lbs.
Home: Brunswick, Maine*

Although he was captain of his high school football and lacrosse teams and was an all-star in Maine's Southern Division, Davis was, in sports talk, a "walk-on" at Brown. "They don't really recruit in Maine that much," he says with a trademark grin that runs clear from one ear to the other – a not-inconsiderable distance. Nevertheless, he earned a varsity letter as a Brown sophomore.

Davis started out in mathematics and physics, following in the footsteps of his father, who teaches both at the high school Davis attended. "I learned that I don't have the kind of theoretical mind that [advanced physics and math] require," he says. So he decided to take what he loved: history. And on the side, he decided pragmatically to do a second concentration in mathematical economics. When he lists the courses he's taken, it's a sampling of the University's toughest.

For cash, Davis tutors Brown students in math and economics, and he works "behind the desk at the Pitz" and delivers kegs for a Providence liquor store. He has spent his summers painting houses. And "you *have* to mention Big Brothers!" he says emphatically. "My little brother is named Aaron Simas; I don't get to see him that much during football season, but we talk on the phone."

Davis's parents divorced when he was five, and as he describes them, it's easy to see values he has gleaned from each. He describes his mother's house in town as "a very social place," with his sisters, his mother, and friends coming and going. Davis clearly thrives on the camaraderie of football and life in Delta Tau. "The fraternity is not as bad as it sounds; we get a lot of bad PR," he says.

At his father's house on the coast, he found time alone, in the woods and on the water. "I could sail, fish, go shooting, do 'boy things,'" he says, laughing at himself. "You know: building forts, trying to fix things. . . . You don't watch a lot of TV at Dad's house! I miss that chance to be by myself in the city sometimes."

Next year, he plans to apply to law school, and he'll probably interview with recruiters on campus for business jobs. Mostly, he wants to take the little beetle cat sailboat that belonged to his grandfather and get out on the water. Do boy things.

Davis raves about the faculty he's studied under and been advised by and effuses about his football experiences ("Coach K is wonderful; a great person. We haven't won a lot this year, but

you should see the kids he's bringing in. . ."). But he's decided he doesn't like city living: "I come from the kind of place where people don't lock their houses," he says.

Also, he has "been surprised by how inflexible people here are at times." Of this spring's financial-aid protests, he says pensively, "I guess I'm skeptical. It just seems to me that Brown is trying hard to do the right thing, and that of all the schools in this country, I think Brown would be the last to deserve this. I guess it's the way I was brought up. . . . To say that the demonstrations are like a social event trivializes what people are trying to accomplish, but. . ." He pauses for a minute. "In a sense it's like being on a sports team. There's this sense of hardship that we all go through together. And an 'Us vs. Them' mentality. Then we go out on the field, and. . . well, I don't want to judge, but I'd like to ask [the demonstrators] to show me proof, real concrete evidence, that the University is not doing something it *could* be doing. I'd like to ask them 'What is right? What is equal?' Things can't be 50/50/50/50."

Harmonizing: Lori Hill '92

One day in seventh grade, Lori Hill came home from school with an application to a program called A Better Chance, which plugs gifted kids from poor school systems into college preparatory programs elsewhere – usually at prestigious (mostly white) boarding schools. Her father, an assembly worker at Ford in New Jersey, objected.

"He didn't want me living away from home," she says. But Hill argued that filling out the forms would be good practice for applying to colleges later, and when she was admitted to Groton School in Connecticut, she convinced her parents to let her go.

Hill was one of two blacks in her class at Groton. "It's an old-boy, white, English-style school," she says, "where everybody loved everybody else. The way that worked is that we maintained the image that we were all the same." When she was in tenth grade, the school was shaken by an inflammatory talk a student gave in chapel criticizing blacks for not taking responsibility for their



fates and whites for kowtowing to minority demands. "People walked out," she recalls. "Some cried . . . and some of us stayed." With a friend, she planned a school-wide forum to look at the issues raised by the talk: "The first issue was race," Hill says, "why we don't talk about it. The second was sexism."

She has been discussing those topics ever since, convinced that only by airing and sharing our differences will we get to know each other better and to work together better. It is characteristic that Hill became both a resident counselor and a minority peer counselor at Brown, feeling it was important to make the two programs talk to each other. Also, she was named a member of Groton's Board of Governors.

Serendipitously, Hill became hooked on sociology her freshman year, taking "Racism and Democracy: the American Heritage," taught by Professor of Sociology Martin Martel (now emeritus), and talking him into taking her on as an advisee. At the end of the year, Martel asked her to help him expand his syllabus to include more minority women's perspectives. Through the Odyssey Program, Hill received a stipend to spend the summer identifying journals, writers, and media sources that shed light on the issue. This year, for the second time, she is Martel's teaching assistant. And she has completed two more curricular development projects with Associate Professor of Education Fayneese Miller, both aimed at exposing students to the work on the teacher's side of the desk.

"Lori is going to be an academic," says Associate Dean of the College Karen Romer, who runs the projects. Early on, Romer began taking Hill to the annual conference of the American Association of Higher Education to speak about her experiences. This spring, while working on her honors thesis, Hill was also filling out applications to graduate programs in sociology, which she plans to enter in 1993-94.

Like many financial-aid students at Brown, Hill is familiar on campus because of the job she holds to make ends meet: she works the 6:45-8:45 a.m. shift in Faunce House's newsstand. But the aspect of her life that is most important, she says, is the Voices of Inspiration, the Gospel choir, which rehearses Friday evenings. "It's not just a support group," she says. "It's a Christian support group." When bypassers hear the music, "they often come in to listen, but end up hearing the language as well. We're a collective ministry," she says, listing the religious backgrounds of the people who make up the choir: Methodists, Baptists, Catholics. In music, as in the rest of her life, Hill seems to be pursuing a harmony that comes from individuals, each distinct, capitalizing on their differences and working together.



Filling in the gaps: Quang Dang '93

Quang Dang moved to the United States when he was three. His parents had packed up their four children and left their home in Saigon just before the city fell to the Vietcong in April 1975. For several years, the family lived in Alabama, while Dang's father, a dentist, repeated his training so that he could practice in the U.S. Then they settled outside Washington, D.C., and Dang's parents began saving to get their children the best education possible. Dang's father now teaches at Howard University, running a private practice on the side, and his mother, who was a pharmacist in Vietnam, helps run the practice, working as a hygienist and handling the books. They have man-



aged to put four children through college. Dang is the youngest. "I'm always amazed at how much my parents have been able to save," he says. "They spend very frugally. They always wanted the very best for us, and now that I am at Brown, I feel it's important to make the most of my time here; I find myself thinking how much each class costs."

For Dang, high on that list has been the chance to do public service work, often a luxury for financial-aid students who must earn cash as well as attend classes during the school year and summers. Making it easier have been work-study grants that pay the bulk of his salary in public service jobs, enabling him to do work he would otherwise have had to forgo in favor of paying jobs elsewhere. For instance, last summer Dang was one of eight students chosen to participate in the Brown Program in Leadership, jointly sponsored by the Center for Public Service and the Office of

Psychological Services. Focusing on a different issue each year – last summer the topic was children affected by the Rhode Island housing crisis – the program places each intern in a different public agency, and they meet to share their perspectives. Dang worked at Interim House, a shelter for homeless women and families, developing a summer children's program.

During the school year, he has worked two years as a resident counselor, this past year as a head counselor. He plays men's volleyball and is paid to coordinate the intra-mural program. In addition, he volunteers with the Broad Street Mentoring Program, which matches at-risk third graders with older students who help with their school work and serve as role models. In conjunction, he was part of a Group Independent Study Project on "Mentoring in Urban Education," which examined the impact of the kind of one-on-one work he and the other volunteers were doing. Next year Dang will be educational projects coordinator on the Brown Community Outreach Board. "I want to see more Brown students involved," he says; "if there's one thing [Brown students] know how to do it's learn: teaching kids how

to study is something they are good at."

Dang is completing two concentrations, one in public policy, in which he is an honors candidate, and another in European history. This summer, he has a fellowship to participate in the Government Scholars Program, run by the city of New York, which places students in city agencies for the summer. One of the primary lessons Dang says he has learned is how crucial volunteers are, filling the gaps between a community's needs and families' and public agencies' abilities to provide. Next year, in his honors thesis, he wants to examine those gaps more closely.

And after Brown? "I'm pretty sure I will work in the public sector," Dang says. If he can get a graduate fellowship, he plans to attend graduate school in public policy. If he doesn't get enough aid to do an academic degree, he says he may try law school.

Dancing on gelatin: Johanna Fernandez '93

There is a handful of facts about Johanna Fernandez's background that almost anyone on campus could recite, so often have they been repeated in the press or through a mike at rallies for need-blind admission: Her parents, who have no formal education and speak no English, moved to the U.S. from the Dominican Republic in 1968; her father, a janitor in the Bronx, makes less in a year than Brown costs. He also badly wanted his kids to receive the education he missed. Fernandez attended public schools in the South Bronx – when she attended school at all. Freshman year, her father learned of her truancy and, irate, enrolled her in Manhattan's Center for Science and Mathematics.

This spring Fernandez emerged as an outspoken

leader of SAMA – Students for Aid and Minority Admission – the group that took over University Hall on April 22, demanding that Brown increase its campaign goal to make possible a need-blind admission policy (Under the Elms, May).

Her image that day, leaning from a University Hall window, screaming to those outside not to believe the administration – “They are *evil!*” she yelled – contrasts strikingly with the image she presents for an interview. The wild hair and Latino accent have been replaced with lizard cowboy boots, sleekly curled-under hair, vivid red lipstick. She peers sternly over funky eyeglasses, pronouncing her words slowly, with the nearly accentless accent of one who has learned English from the English: “I felt, *personally* – not everyone would agree with this – that we have an opportunity to make financial aid and access to education a national issue. This is not just about Brown. My goal was to get media attention for the whole issue of access to education and really the *racism* that surrounds this issue.”

While in high school, Fernandez was tapped for a program run by Columbia that pairs students with professionals in potential career fields and helps with college applications. Fearing she wouldn't get into Brown, she also applied to a post-graduate program in England. When both accepted her, she deferred Brown to spend a year at an elite British boys' preparatory school, where she was given a full scholarship. “It was *nightmarish*,” she says. “But academically it was a good move. I learned how to write in English.”

By her sophomore year at Brown, “I had decided I wanted to teach. I felt there is a need for teachers of color – good ones. There's a need for teachers who can see themselves in their students.” She enrolled in education courses, and, junior year, student-taught at Central High School. “It was very painful,” she says. “It reminded me of my own education. These kids are bright and able, but they need an opportunity, and they need a means to grab that opportunity. They need a school and teachers who care about them and their histories. I think it's analogous to my experience at Brown. I feel in the middle, on the margins: It's like dancing on gelatin.”

Through the Center for Public Service, she became involved in the Mayor's A-Team, which links “at-risk” Providence teenagers with older student mentors. “I felt three hours a week wasn't enough,” she says. So, with two other students and with funding from the center, she helped put together a Saturday program, running workshops on drug abuse, race and class issues, teen pregnancy, and child abuse. Using Brown's facilities, they enrolled about twenty-five kids each week, involving them in different projects: a newsletter, a video project, an oral history; in the afternoons, the kids could swim or play basketball. “We wanted to turn these kids on to education,” she says.



In addition, Fernandez teaches adult education courses in citizenship in South Providence. And she received a grant through the Dean of the College's Office to work on a course on Latina writers next year. She will spend the first semester working with Suzanne Oboler, an assistant professor of American civilization, helping develop a curriculum; then second semester, they will collaborate on teaching the course. Fernandez plans to write an honors thesis on Latinas in the United States and to teach after she graduates.

The self-supporting volunteer: Rebecca Bliss '92

She's the Girl Next Door – tall, wholesome, and outgoing. In her four years at Brown, history concentrator Rebecca Bliss was a leader in student volunteerism, one of those students whom "everybody" knows.

Obscured by Bliss's sunny manner and devotion to helping others, however, is the darker side of her four years at Brown. Since the age of seventeen – within months after she was accepted by Brown – she has been self-supporting and entirely independent of her troubled family, which was shattered in May of her high school senior year. At that time, legal and health crises financially ruined her father, a Brown alumnus who had been, until then, a prosperous attorney. Bliss's parents filed for bankruptcy, the family home in southeastern Massachusetts was foreclosed upon, and eventually her parents divorced.

Having grown up privileged, almost overnight Bliss was dispossessed. Changing her financial status officially to independent, she was able to persuade Brown to award her a hefty financial-aid package. From that time on, she has worked at least forty hours a week in order to pay her living expenses.

"I could have gone to UMass and gotten a good education," Bliss muses. "But I might not have been challenged. Here, I've been pushed – academically, and by being exposed to amazing people, to different cultures and values. This is the priceless part of Brown" – the part that made it worth her while to work "in almost every department in the University," she jokes.

For-pay work was only the half of it. Bliss's on-campus activities included serving as a head counselor in a freshman dorm, a member of the Bruin Club, a teaching assistant, a leader of the Brown Adventure Program's "ropes course," and a collaborator, with Associate Dean of Student Life Toby Simon, on sexual-assault peer education.

Off-campus, she tutored at the Rhode Island School for the Deaf, was a Big Sister, worked with at-risk teenage mothers in a program at Women & Infants Hospital, and served as a patient escort at



the Women's Medical Center. "If I was going to live in Providence for four years," Bliss explains, "my response was to give something to the community and to learn from it."

Outside Rhode Island, she was a member and organizer of the first Brown volunteer group to spend winter break (1991) in Pawleys Island, South Carolina, where students rebuilt a poor family's rundown home. As a senior, Bliss served as coordinator of Brown Community Outreach, the umbrella organization that helps to link students with local volunteer opportunities.

Balancing academics, work, and service, Bliss admits, isn't always easy. "It helps if you have a high energy level. Of course it's hard having to be such a planner all the time, to be so practical. I haven't had time to just be a kid. I'm turning twenty-two next week and I feel *old*. But I haven't had a miserable four years. It has been wonderful. I've gotten so much out of Brown because I've said to myself, 'I *have to*.'"

Shortly before she graduated, Bliss received a 1992 Joslin Award, given in memory of the late Alfred Joslin '35. The awards recognize students who have "contributed significantly to the welfare of their fellow students."

Distanced physically and emotionally from her

mother and brother, Bliss had hoped that her father could attend Commencement – but a new round of legal problems made that impossible. “It has been tough,” Bliss reflects. “I think I became especially involved with the Brown community because I didn’t have a family to turn to.”

After teaching a class on community service for high school students at Wellesley College this summer, Bliss will begin studies at Stanford toward a master’s in education administration and policy analysis. She has been appointed coordinator of Stanford’s Women’s Center, a job that will pay her half-time tuition and all of her living expenses. Ultimately, Bliss says, she would love to work in college administration.

A quiet style of leadership: Lara Tannenbaum '92



Lara’s not the rah-rah, cheerleader type of student leader,” says Dean of Student Life Robin Rose. “She’s not someone who’s going to stand up and speak passionately in front of a group.” On first meeting, Tannenbaum seems outdoorsy, quiet, self-effacing. When told that she’d been singled out as an example of the leadership Brown would lack were it not for financial aid, she looks bewildered. She was, nevertheless, one of the eight students (along with Rebecca Bliss, profiled on page 37) selected to receive Joslin Awards this spring for their contributions “to the welfare of their fellow students.”

Tannenbaum graduated from public high school in the Piedmont foothills of Greenwood, South Carolina, in 1988. Both of her parents (Aron ‘63, ‘72 Ph.D. and Karen ‘64) are from the Northeast, so the transition to Brown was not the culture shock it might have been. Speaking softly, with no trace of a Southern accent, she says, “In my high school, I was politically more liberal than most people . . . at Brown, I’m pretty middle-of-the road. For me, this was the first chance to be around people who were interested in some of the same things I was.”

She started out pre-med, but was miserable, straining to pass her science courses and having to

skimp on the humanities courses she loved. As a sophomore, she switched to anthropology, where she was happier, and, in addition to working at Food Services, she became a resident counselor in a freshman dorm. She also became active in the Brown Adventure Program, which Dean Rose ran, leading groups of students through a ropes course and other outdoor activities designed to help groups learn to cooperate better. “I’ve taken out counseling units, sports teams, fraternities,” she says. In addition, she was trained as one of thirty student leaders for the fall sophomore trip to the White Mountains, also run by the student life office. That summer she took off on her own, accepting a job at the Museum of Northern Arizona in Flagstaff. But in the fall, she headed for New Hampshire with seventy sophomores in tow, armed with a little backpacking experience and by then a healthy dose of interpersonal and leadership skills. Rose hired her to help organize the trip for the following year.

Junior year, in addition to serving as a mentor and friend to a little boy whose brother had cancer, Tannenbaum became interested in the South Bronx Project begun by Paul Lipson ‘87, which annually brings a group of Brown students to New York to work with local kids on a community garden. She was chosen by the Center for Public



Service as one of the thirteen student supervisors. "We lived together, worked together, ate together, and fought together for eleven weeks," she says. By the end, she was too burned-out even to talk about the experience. "It was so difficult at times," she says. "The kids we worked with weren't like any little kids I'd met before: they are grown-ups in little-kid bodies."

But her burn-out was short-lived, and last fall she re-enlisted, taking a year-long job at the Center as one of the project's two paid coordinators. This summer, after graduating from Brown, she returned to the South Bronx to help run the project on-site.

Beyond that, Tannenbaum is thinking about teaching, perhaps environmental education. After a summer in the Bronx, she figures she may be ready for the mountains. In her not-too-distant future, she hopes, will be a stint in the Peace Corps. And along the way, "I want to learn to play the guitar and to speak Spanish."

Having an impact on a child's life: Marc Harrison '92

Marc Harrison remembers telling his mother repeatedly, when she urged a teaching career on him, "But I don't *want* to teach."

This fall, however, Harrison – an educational studies major – will be teaching middle school science at the Moses Brown School in Providence. His plans include graduate school in educational administration or educational psychology.

"I changed my mind when I was exposed to kids in a classroom," Harrison explains. As a Brown Resource Scholar, he conducted a research project on minority sixth-graders. From them, he discovered that "kids really *want* to learn. You can see the impact you've had on a child's life."

Born in the Bronx, Harrison moved to Bermuda at age eleven when his mother married a Bermudian. He is still an American citizen, however. Before Brown, he attended a private school in Bermuda for six years. Harrison turned down a full scholarship from Boston College and accepted Brown's offer, which included financial aid, but with a larger "self-help" component. He had visited Brown that spring and found it "a place where I'd be happy," and he knew the University had a good psychology department.

"Since I was six, I wanted to be a child psychologist," Harrison says, recalling a single session with a skilled therapist who helped him as a very young child. He also had been active in high school in volunteer drug-prevention work. Among the surprises that awaited Harrison was the behavioral-research orientation of Brown's psychology department. He took four courses, but decided

to major in education, with an emphasis on social and educational psychology.

Another early interest that Harrison developed at Brown was astronomy. For the past two years, he worked as a teaching assistant in Brown's introductory astronomy course. He also supported himself beginning his sophomore year by counseling in the Resident Counselor (RC) program in freshman dormitories. As a junior, he was a head counselor; and last year he was an area supervisor in Morriss-Champlin, serving as a resource for the RCs in that dorm.

"I've held two jobs I enjoyed," Harrison says, "and that has helped. When you like something, it doesn't seem like work." He spent his summers in Providence, since getting a job as a U.S. citizen was easier here than in Bermuda. Two summers ago, through the Center for Public Service's Program in Leadership, Harrison worked with the Providence Urban League and the Substance Abuse Council, doing drug-prevention work with young inner-city people; and counseled adolescents in the Mayor's A-Team project. Last summer he worked at the Brown-based Coalition of Essential Schools and helped to plan and run the Brown Summer High School for local teens.

The thesis Harrison prepared as a Resource Scholar examined how the inclusion of racial role models in the curriculum affected motivation, interest, and self-esteem among forty-one black sixth-graders in two Providence schools. "Growing up as a black male child," Harrison says, "the only role models I was exposed to were white, particularly in the classroom. Only by reading *Ebony* and *Essence* did I learn about blacks who had achieved. I found that these sixth-graders wanted to learn more about famous people, historical figures. For instance, we talked about the black inventor who created the machine that attaches the upper part of the shoe to the sole – the sort of person I never heard about in school."

Harrison found that such exposure strengthened young students' self-concepts and the way they viewed being black. "In sixth grade," he adds, "kids are starting to formalize their attitudes. We found that they are still *very* hopeful about their own lives. It's a chance to positively affect a student's will to achieve."

The first in his family to go directly from high school to college and, in four years, to graduate, in May Harrison was looking forward to Commencement, when "twenty-plus" relatives and friends from Bermuda, New York, and other parts of the U.S. were coming to campus. "I've only been able to afford going home once a year," he says. "Being away for so long has made me realize the importance of family." ■

The Classes

By James Reinbold

26

Malcolm A. McKenzie, North Amherst, Mass., writes that in March the Massachusetts Tree Wardens and Foresters Association, founded in 1913, made an award from the Dr. Malcolm A. McKenzie Scholarship Trust to a University of Massachusetts, Amherst student. Malcolm was a lecturer in botany for six years at Brown before accepting an appointment at UMass, Amherst in 1935. He was named professor emeritus in 1973.

27

Gertrude Squires Crooker is living at Wesley Glen Retirement Center, Columbus, Ohio, near her daughter, who lives in Worthington, Ohio. "We take trips together," Gertrude writes. "Wesley Glen is a delightful place." Gertrude's husband, **Allyn** '28, died in 1986.

29

Dr. Everet H. Wood is serving on the board of Western North Carolina Visual Rehabilitation Center in Asheville, N.C. He is also on the board of the Black Mountain Kiwanis Thrift Shop. He writes that he is enjoying life at Highland Farms Retirement Community, Black Mountain, N.C.

31

Bernard V. Buonanno, Providence, was inducted into the Rhode Island Heritage Hall of Fame on May 3. He was a prominent schoolboy athlete at Classical High School, Providence, and at Brown, and a former member of the state Board of Regents.

Gwendolyn Hainer Morrison (see *Noteworthy*, page 43).

Walter Niles and his wife, Helen, celebrated their 50th wedding anniversary in April. Friends joining them to celebrate included Sara Holmes Boutelle, widow of classmate **Dr. William E. Boutelle**, and two of their sons, **Dr. William Boutelle, Jr.** '62 and Christopher. Bill's son, **Jonathan**, is class of '94. Walter and Helen live in San Francisco.

33

Mary Manley Eaton and **Ken Eaton** celebrated their 55th wedding anniversary this year. They live in Peterborough, N.H. Mary also sent news of "The Eaton Bunch," four children and two sisters, all of whom are Brown graduates. Those notes follow (classes

of '37, '60, '66, '69, '72 and graduate school).

Jenny Lind Ghering, Butler, Pa., writes that her grandson, **Timothy**, is '94. His mother is **Ann Ghering Flynn** '68, of South Pasadena, Calif.

34

John R. Hall, Arlington, Va., reports that 1992 is a good year for his family of writers. In May, **John R. Hall, Jr.** '67 received an award as co-author for the best 1991 article in a technical journal (see note in '67), and in June, his daughter, **Judith Hall**, published a book of poetry with William Morrow Press. John's own book, *Swansea 1675*, will appear in September.

35

Walter L.S. Bopp, Larchmont, N.Y., writes that **Lillian Bopp**, his sixth grandchild, was born recently; she is the daughter of **Walter S. Bopp** '73.

Irving Brodsky, Providence, writes that his legal career was enhanced by his confirmation, in February, as associate justice of the Providence Housing Court. This followed his appointment, in January 1991, as the Providence City Solicitor. "I am, indeed, grateful for continued good and vigorous health, and for these public recognitions."

W. Wallace Buxton, Carmichael, Calif., was one of the Brown University engineers from the class of 1935 who attended the annual reunion from June 15 to 18. This year it was held at the home of **Bruce Ritenburg** in Cassadaga, N.Y.

Ross A. deMatteo II, Bradenton, Fla., is the Brown representative on the board of directors of the Ivy League Club scholarship committee, which awards scholarships to needy Ivy League college applicants.

Dr. Nicholas Sholler, Fairfield, Conn., celebrated his 80th birthday on April 15. He has been retired for five years.

37

Ruth Manley Powers is living in Boston. She is the sister of **Mary Manley Eaton** '33.

38

Margaret Allenson Whitehead has been an officer and volunteer at the Kaiser Permanente Medical Center in San Diego for eighteen years. Recently, she took a cruise on the

QE2 to England and West Africa. She adds that she is recovering nicely from two throat operations and is ready for more cruising. She wishes she could return to Brown for more class events. Margaret lives in Del Mar, Calif.

40

Herman Goldstein sold his foreign trading company, HBG Export Corporation, in 1991. "My first big shock after retirement was to find that there are no days off. I keep busy lecturing and doing a small amount of consulting in textile processing." Herman and his wife, **Myrtle** (University of Rhode Island '42), live in Chester, S.C., and celebrated their golden wedding anniversary on June 7 with a gathering of their clan for a clam-bake in Seekonk, Mass.

45

Edmund T. Peckham retired last September from his position as vice president for student affairs and dean of students at California State University, Northridge, where he lives.

Jeannie C. Stewart, Cambridge, Mass., has been named 1991-1992 International Woman of the Year by International Biographical Centre, Cambridge, England. She was honored for her service to international friendship.

46

Robert B. Cook, Lititz, Pa., reports he is still "in fairly decent health. Jean and I continue to do a few antiques shows each year. The joy of our lives continues to be our twin grandchildren, Robert and Jillian."

G. Frances Martin Costelloe is assistant director of prospect research in the development office of Boston College. At Christmas, she visited her son, **Kevin Costelloe** '74, in Berlin, Germany, where he is news editor for the Associated Press. Her daughter, **Ann Costelloe Landenberger** '77, is the principal of a small marketing and public relations firm in Providence. Gee's oldest son, **Paul Costelloe**, is a contractor in western Massachusetts. "The 45th reunion was great, especially the 'lump-in-the-throat' march down the Hill. I worry about the cost of college today, and wonder if any of my eight grandchildren will be able to enter 'Brunonia's halls.'"

In semi-retirement, **Dr. Paul Goldstein** continues to teach and supervise primary-



Dorothy Haus Testa '62
(second from right) and friends
lead the thirtieth-reunion class
on Monday morning.

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care pediatrics to residents and students at Yale Medical School and Yale New Haven Hospital, and is a consultant in primary care in the department of pediatrics at Yale and to the Hospital of St. Raphael. He has two grandchildren: Sonja Freeman, 2, daughter of Jill Goldstein '76; and Daniel, 4, son of Lynn Tauber. "Sorry we couldn't make the 45th, but no question about 1996." Paul lives in Branford, Conn.

John B. Henderson is "living blind and well" aboard his Gulfstar 37' sloop on Biscayne Bay, Coconut Grove, Fla. "But I need a bigger boat for all you visitors and so I'm looking at things like a Hatteras 53'." John attended Brown's campaign kick-off weekend in April.

Bob Lowe's boat, *Sweet 'n Lowe*, was the committee boat for the Olympic trials for the men's and women's Olympic sailboard (wind surfing) trials, which took place in April and May off Fort Pierce, Fla., where Bob lives.

John L. Randall and his wife lead AMC overseas excursions; they went to Hawaii in January and are scheduled to go to Austria in September. They are volunteers with the United Way Endowment and Food Bank and with AMC hiking trail maintenance. They have eleven grandchildren. "They are doing nicely and we are fortunate to be able to watch them develop." John and Vel live in East Lyme, Conn.

48

Comdr. Stanley W. Birch, Jr., USN (Ret.), is enjoying the sun in Bonita Springs, Fla., and sends best wishes to friends.

Robert B. Britton, West Trenton, N.J., retired last June as chief of the bureau of plant engineering and operation for the New Jersey Department of Transportation after thirty-three years. He is enjoying a second career in real estate as a sales associate with the A.A. Weidel Corporation in Lawrenceville, N.J.

49

Phyllis Whitman Beck (see **Andrew T. Greenberg** '82 in *Noteworthy*, page 43).

Bob Galkin (see **Ellen Galkin Kenner** '75).

Theodore F. Low, Providence, traveled to Korea last fall as a guest of the Korean Army and was awarded the Ambassador of Freedom Medal. Ted was a captain in the U.S. Army in Korea in 1951-52.

John F. Prendergast (see **Steven M. Dorsey** '80).

William Seamans, who was an ABC news correspondent and Tel Aviv bureau chief for twenty years, has announced his retirement. In addition to covering the 1991 Gulf War, he also covered the Iran/Contra affair and the hostage crisis in the Middle East. He received numerous honors for his Middle East coverage, including a producer's Emmy Award and

the Alfred I. du Pont-Columbia University Award for excellence in broadcast journalism for "Nightline in the Holy Land" in 1988. Bill joined ABC News in 1963 after a decade as a writer-editor at CBS News. In 1972, he was producer for all the pool television coverage of the Democratic National Convention in Miami Beach, Fla. Bill lives in Spofford, N.H., and plans to devote his energies full-time to writing, lecturing, and commentary.

50

Marcia Rosenberg Bellin writes that her husband, Al, has been retired from General Electric in Lynn, Mass., for four years. Their son, Steve, a doctor, is married with two children; and their son, **Jeff** '79, a dentist, is married with two children. Marcia and Al recently moved from Swampscott, Mass., to Newton Centre, Mass., to be nearer their children and grandchildren.

Richard W. Brackett, Eaton Center, N.H., writes that he is as busy in retirement as when he was working. He is a member of the board of directors and development committee of Goodwill-Hinckley School in Hinckley, Maine. He has been a Rotarian for twenty-nine years and is director and co-chairman of the spring district conference, and chairman of the International Service Committee. He enjoys traveling and is planning a golf cruise to Bermuda in September.



These men from the fiftieth-reunion class were among a large crowd enjoying cocktails outdoors on Saturday evening at the East Side home of John Sapinsley '42.

JOHN FORASTE

Caroline Decatur Chick and Bruce B. Chick (see **Deborah Chick Burke '77**).

C. James Colville, Jr., has "formed a partnership at Shearson Lehman Brothers allowing Jean and me to enjoy semi-retirement status. We spent five weeks this winter in our vacation home in Lakeland, Fla." When not in Florida, the Colvilles live in Sanford, Maine.

Maurice H. Gordon (see **Nancy Gordon Solomon '81**).

Z. Stephen Kalarian and his wife, Catherine, have owned their own real estate agency for four years, but have been in real estate for twelve years. They have four children and five grandchildren, with two more on the way. Steve has been on the Smithfield (R.I.) town planning board for three years. He and Catherine live in Greenville, R.I.

Charles A. Pleasance and his wife are residents of Naples, Fla. Charles spends his time writing and enjoying the weather of southwest Florida. "Two years ago, I published a book on the history of the independent telephone industry. The book sold well enough to pay all its costs. After talking to other authors, I learned this is something of an accomplishment."

David Rosenfield, Bayonne, N.J., was in-

stalled in April for his eighth term as commander of Bayonne Post #18, Jewish War Veterans of the U.S.A. He was installed as Hudson County Council Commander of Jewish War Veterans on May 31.

Kenneth S. Sisson, Newton, Mass., retired in April.

Fredi Kovitch Solod has left her position as director of publications and donor programs in the Brown Development Office to return to freelance writing and fiction. "I discover I have also been working my way through the travel alphabet over the years - Australia, Brazil, China, Denmark, Egypt, Finland, etc., and now have plans to go back and finish the A's with Africa and Alaska, and go on from there." Fredi has two grandsons. Philip is the son of **Lisa Solod '78** and John Lambeth of Lexington, Va. Matt Brodeur is the son of Nina and Mark Brodeur of Cuttyhunk, Mass. Nina and Margo Solod own and run the Allen House Inn and Restaurant on Cuttyhunk Island. Fredi lives in Providence.

51

George Wolfson (see **Audrey J. Wolfson '77**).

52

Dwight R. Ambach and his wife, Betsy, moved recently from Washington, D.C., to Aldendale, P.O. Box 26, Susan, Va. 23163.

Wini Blacher Galkin (see **Ellen Galkin Kenner '75**).

Fred Mac R. Longee retired in June after thirty years on the faculty of Central Connecticut State University. He plans to catch up on his reading and travel.

53

Thomas H. Patten, Jr., a professor at California State Polytechnic University, has written eight books and more than 200 articles. He and his wife, Jule (University of Michigan), live in Claremont, Calif. They have three children, Laurie, Rhonda, and Jenny.

Rita Schorr-Germain runs her own consulting and writing business in Lancaster, Pa., "now that my responsibilities of raising, educating, and marrying my two daughters are done." Emily Lucy Germain-Lee is completing her training in pediatric endocrinology at Johns Hopkins and begins her faculty appointment at Johns Hopkins Medical School in September. Her husband is an as-

sistant professor at the medical school. Micah Adah Germain was married in June to Murray Becker. Micah is a senior urban planner in the Bronx, and Murray is a post-graduate fellow at Cornell University Sloan Memorial Institute. Rita's husband, Sumner, continues university teaching and writing.

Dale W. Strand, Stamford, Conn., is president and CEO of Bedford/Comstock, Ltd., an advertising firm. Some years ago, he wrote for "The Dick Van Dyke Show" and "The Danny Thomas Show" on television. Dale transferred the 1953 class film, *Prelude to Broken*, from 16mm to videotape.

Nancy Siderowf Wolfson (see **Audrey J. Wolfson** '77).

Ralph Zalusky (see **Beth Zalusky Finkelstein** '83).

Noteworthy



31 Last year, **Gwendolyn Hainer Morrison**, Naples, Fla., was a passenger on the first-ever crossing of the Arctic Ocean via the North Pole by ship. "I flew to Murmansk, Russia, where I boarded the *Sovetskiy Soyuz*, a nuclear-powered icebreaker. There were no elevators or stabilizers on the ship. We crashed and banged as we broke through the ice. Incidentally, we had a barbeque on the ice at the North Pole. I left the ship at Provideniya, Russia, which is just across the Bering Strait from Nome, Alaska."

54 Dr. **Gerard N. Burrow**, vice chancellor for health sciences and dean of the University of California-San Diego School of Medicine, was named dean of the Yale University School of Medicine, effective July 1. He is a 1958 graduate of Yale's medical school and was a member of its faculty for ten years, from 1966 to 1976. At San Diego since 1988, he guided the construction of a new hospital, an ambulatory care center, an eye center, and three research buildings. He is the co-editor of *Medical Complications During Pregnancy* (W.B. Saunders, Inc.), now in its fourth printing. He is married to **Ann Rademacher Burrow** '55.

74 **Jonathan B. Sallet** is the chief counsel to the standing committees on platform, credentials, and rules for the Democratic National Convention. A partner in the Washington, D.C., office of the Chicago-based law firm of Jenner & Block, he has been counsel to the Democratic National Committee's rules and bylaws committee since 1990. He lives in Washington, D.C.

75 **Susan Holloway Scott** is associate director of public information at Bryn Mawr College and editor of *Bryn Mawr Now*. She and her husband, **Jay Scott** '76, a musician, and children, Cameron, 5, and Lydia, 2, live in Paoli, Pa. Susan writes historical romances under the pseudonym of Miranda Jarrett. *Steal the Stars* (Harlequin Books) is set in Providence in 1772, and *Columbine*, available in September, is set in western Massachusetts during Queen Anne's War. Her third book, *Spindrift*, is already sold and scheduled for publication in early 1993.

82 **Andrew T. Greenberg** was recently named Pennsylvania's secretary of commerce. He was sworn into office by Pennsylvania Superior Court Judge **Phyllis Whitman Beck** '49.

will be entering Brown this fall as a freshman. Janet lives in Concord, Mass.

58

Thomas J. Brennan has moved to Dallas. "After twenty-five years as a commuter to New York City, Dallas is great. I highly recommend it for lifestyle, blood pressure, etc."

Sallie Decker Plummer and her husband have been living in Keene, N.H., for the past five years, "a change from Connecticut and a real change from our years in Mexico. I would love to hear from classmates."

Eleanor Marks Zexter writes that she, **Lois Hammersberg Lowry**, and **Hannah Dunn**

Miller had a reunion of sorts at the Nathan Bishop Middle School in Providence on May 12 when Lois was guest author for the school's "Famous Author Day." Lois has written twenty-two young-adult books, including the "Anastasia Krupnik" series and the Newberry Award winner, *Number the Stars*. Ellie, who established "Famous Author Day" six years ago with Lois as the first speaker, has taught French at Nathan Bishop for twenty-two years. Hannah has taught fifth grade for three years since returning to the Providence area. Her husband, Joe, is a minister. **Susan Adler Kaplan**, Providence School Department English administrator, also joined the group. Eleanor lives in Providence.

54

Betsy Lee Jeffers Bishop (see **Margaret E. Bishop** '91).

Dr. **Gerard N. Burrow** (see *Noteworthy*, page 43).

Jeanne Powell is the first person named to the Elsie Damon Simonds Chair in the Life Sciences at Smith College, Northampton, Mass. She has taught at Smith since 1967 and lives in Woodmere, N.Y.

55

Nancy Jo Intlehouse Jackson and her husband, Dave, have lived in Rockport, Maine, for twenty-six years. Nancy Jo is a garden designer and has a business that is "at its most demanding in May and June, making it difficult to leave for such wonderful things as college reunions."

Edmond A. Neal has been named president of Russell Harrington Cutlery, Inc., Southbridge, Mass. He has been with the company for eighteen years and previously was executive vice president and COO. He is immediate past president of the American Cutlery Manufacturers' Association. Ed lives in Warwick, R.I.

56

Martin L. Ludington, Christiansted, St. Croix, Virgin Islands, has been elected to the board of governors of the St. George Botanical Gardens.

Jack D. Samuels (see **Linda Tveidt Samuels** '85).

Mike Schaughency will retire this year from IBM after thirty-five years, having accrued "one patent, many publications, and the odd award. I don't expect to be inactive, what with projects around a new house on nine acres in Vestal, N.Y., hobbies, travel, and volunteer work for Watkins Glen International and for my church."

57

Paul B. Franz, Reston, Va., is a line check captain on the B767s for United Airlines out of Dallas.

Janet Tella Toomey's daughter, **Deborah**,

59

Richard E. Grenier, Ambler, Pa., celebrated thirty years with Corning Inc., selling in the science products department. A son and daughter have graduated from Gettysburg College, and another son graduated from

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Lafayette College this year.

Eleanor Levinson Lewis is teaching English as a second language to adults. Brown is the location for the worksite ESL grant, and Eleanor is teaching in Marston Hall, "where I once took French 14." She and her husband, Dr. **David C. Lewis** '57, continue to sing in the Providence Singers and at the Berkshire Choral Institute in the summer in Massachusetts. Daughter **Deborah** '85 is the chef at Cafe Fontebella in Oakland, Calif., and **Steven** '87 is planning to attend graduate school in urban planning. Eleanor and David live in Providence.

L. Aaron Mendelson, Longmeadow, Mass., has changed careers after thirty-one years in the retail business, the last sixteen as owner and operator of Crocketts Ltd., a women's clothing store. Since last April, he has been an agent with Northwestern Mutual Life Insurance Company concentrating on personal estate and retirement planning and on executive benefits. He lives in Longmeadow, Mass.

Lynda Erickson Morford, Bainbridge Island, Wash., writes that Amy has completed eleventh grade at Stoneleigh-Burnham School in Greenfield, Mass. Husband, Jim, is still with PaineWebber in Seattle. "While we are island home-based, we're still itinerant enough to keep our bags packed."

Vail Berkman Palomino writes that they lost their house in the Oakland, Calif., fire of Oct. 20. "Recovery from that event has been quite an experience. Fortunately, no one in our family was hurt and we managed to get quite a few things out. We are rebuilding."

60

Dr. **Judith Eaton Galea** practices psychiatry in Worcester, Mass. Her husband, Robert Galea, recently retired as director of Spectrum House in Westborough, Mass. Their son, Peter, is 17.

Linda Woodworth Keado (see **Kristen E. Keado** '90).

61

David Groh and his wife, Karla, announce the birth of Spencer Arthur on Jan. 2, "and look forward to the prospect of him being a member of the class of 2013." They live in Sherman Oaks, Calif.

Linda Costigan Lederman has been promoted to professor and chair, department of communications, at Rutgers University, where her research focuses on the emotional and behavioral dynamics associated with verbal communication. She has written four books, twenty book chapters and/or journal articles, presented more than 100 conference papers and professional seminars, and designed/published a variety of communication simulations. She is immediate past editor of *Communication Quarterly*, and has served as president of the Eastern Communication Association, president of the Tri-State Communication Association, and chair of the commission on experiential learning, Speech Communication Association. Linda lives in

Princeton, N.J., with her son, Joshua, a junior at Clark.

Marcia Solomon Simon and **Rosalind Pace** co-authored "Image-Making," the feature article in the January-February issue of *Teachers & Writers* magazine. The article is about the workshop they have taught at Truro Center for the Arts, Truro, Mass., every summer since 1976. Rosalind is a poet and artist and lives in Truro. She has two sons: Erik, a composer and musician in California; and Tim, an art major at Virginia Commonwealth University. Marcia is a child therapist and the author of *A Special Gift* (1978), which was made into an ABC-TV "Afternoon Special" and won a Peabody Award. Her husband, James, is the author of several books on the U.S. Supreme Court and is dean of New York Law School. Marcia and Jim have three children: David, who works in sound production in New York City; Lauren, a student at Boston University Law School; and Sara, a high school student. They live in West Nyack, N.Y.

62

John P. Bassler has joined Korn/Ferry International, an executive search firm, as managing director and partner in charge of the New York general practice. He was previously a partner in and director of Heidrick & Struggles Inc., where he was head of the consumer products specialty practice worldwide and vice chairman of the marketing committee. John lives in Darien, Conn., with his wife, Sally, and their two children.

63

Paul Brandon, a member of the psychology department at Mankato State University in Minnesota, writes that his two sons are both enrolled at Brown. **Daniel** will be a freshman, and **Joshua**, who graduates from Harvard, will be a graduate student in mathematics.

64

Jo-Anne Palumbo Vaughn has been an evacuation and crisis management officer with the family liaison office of the Department of State since 1990. She and her husband, Tony, a Foreign Service officer with USIA, returned from Singapore in 1989 and expect to be in Djakarta in 1993. They have three children, Tonya, 17, Sarina, 16, and Andrea, 13. Stateside, they live in Bethesda, Md.

65

The Rev. **Peter G. Kreidler** has resigned from parish ministry and formed Earth Service Inc., a non-profit environmental corporation in Santa Monica, Calif. He is the author of two books, *Affair Prevention* (1980) and *The Flatiron* (1990).

William H. Staas recently received the Dr. Theodore P. Grayson Award for outstanding achievement in business from the Wharton Evening Alumni Association of the University

of Pennsylvania. He is business unit director for Monomers, one of Rohm and Haas Company's nine major businesses and its largest manufacturing operation. Bill graduated from Wharton's Evening School in 1985. He lives in Churchville, Pa., with his wife, Lynne, and their son, Rick. Rohm and Haas's corporate headquarters are located in Philadelphia.

66

J. Roderick Eaton and his wife, **Florence Castelle Eaton** '69 M.A.T., live in Seekonk, Mass. Rod has been a teacher, coach, and placement counselor for nearly twenty-five years at Providence Country Day School in East Providence, R.I. A number of his lacrosse teams have won prep-school championships. Florence is an admissions officer at Johnson & Wales College, Providence. Sara is 8.

67

John R. Hall, Jr., Norwood, Mass., was co-author of "Fire Risk Analysis: General Conceptual Framework for Describing Models," which appeared in *Fire Technology*, the National Fire Protection Association's (NFPA) quarterly technical journal. The article won the 1991 Harry C. Bigglestone Award for Excellence in Written Communication of Fire Protection Concepts, awarded at NFPA's annual meeting in New Orleans in May. John is director of the fire analysis and research division at NFPA in Quincy, Mass. His father is **John R. Hall** '34.

Judith Marks Hershon, a 1984 graduate of Hofstra Law School, has worked since 1989 as assistant general counsel for 21 International Holdings, Inc., and general counsel and vice president for 21 Club Inc. She has two children, Joanna, 20, and Jordan, 17. "At this time of year, life revolves around the New York Yankees. My husband, Stuart, an orthopaedic surgeon in private practice, is the team physician."

Ross Marlay has been promoted to professor of political science at Arkansas State University. He recently wrote twenty-three short articles on Philippine history for the *Historical Dictionary of the Spanish Empire*, published by Greenwood Press this year.

68

Ann Ghering Flynn (see **Jenny Lind Ghering** '33).

69

Jonathan L. Entin, Shaker Heights, Ohio, spent the 1991-1992 academic year at the Federal Judicial Center. In July, he will return to his position as professor of law at Case Western Reserve University and will also begin a five-year term as co-editor of the *Journal of Legal Education*.

Louisa Eaton Gralla taught science at the Dalton School, New York City, for fourteen years. Her husband, Dr. **Richard J. Gralla**, formerly an oncologist at Sloan Kettering

Memorial Hospital in New York City, is chairman of the oncology department at the Oschner Clinic in New Orleans, where they now live. Katie is 5.

Berry Lyons is a professor of hydrogeochemistry at the MacKay School of Mines, University of Nevada, Reno, and director of the hydrology/hydrogeology graduate program, which has sixty graduate students and twenty faculty.

70

Bruce Clark can be reached via e-mail at baclark@attmail.com.

71

Christopher Aadnesen has been appointed senior assistant vice president of field operations for Union Pacific Railroad, Omaha, Nebr. Formerly, he was assistant vice president for employee development and involvement.

Jeffrey A. Carver and Allyson Palmer announce the birth of their second child, Julia Dakota Carver, on Jan. 7. Their address is 102 Melrose St., Arlington, Mass. 02174. Jeff's most recent science fiction novel, *Dragons in the Stars* (Tor Books), was published in April.

Joan M. Markey, formerly assistant general counsel for Gruntal & Company, Inc., announces the opening of her office in New York City for the general practice of law with

an emphasis on securities litigation and arbitration.

David B. Thurston writes that his business, Cambridge Associates, Inc., has moved to One Winthrop Sq., Boston, Mass. 02110. (617) 457-7500.

72

Gerald Manley Eaton is corporate counsel, Public Service Corporation, in Manchester, N.H. He is married to Anne Cloutier, former deputy commissioner of labor for the state of New Hampshire. They live in Concord, N.H., with their daughter, Johanna, 2.

Dr. **Peter A. LeWitt** is professor of neurology at Wayne State University School of Medicine. He lives with his wife, Janice, and their son, Eli, 17 months, in Birmingham, Mich.

73

It's coming! And planning for our 20th reunion is underway. Join the excitement and work with the reunion activities committee to prepare for the great events. We need class members to work from any site in the continental U.S. If you are interested in helping, please contact Dr. **Mark W. Moritz**, class secretary, 95 Madison Ave., Morristown, N.J. 07960. (201) 538-5544.

Walter S. Bopp (see **Walter L.S. Bopp** '35). **Eric Buermann** has been appointed to a

Attention Brown Graduates! Fellowships

All the following fellowships are open to recent graduates. Those of you who had top grades and qualify as good citizens are cordially invited to apply for any of the following:

		Maximum Age	Application Due
Rotary	1 year in most countries	28	July 15 (contact local Rotary Club)
Marshall	2 years in Britain	25	October 12
Fulbright	1 year in most countries	none	October 31
Rhodes	2 years at Oxford	24	Early October
Luce	1 year in East Asia	28	Late October
Mellon	1 year in Humanities USA		November 2

For information on the specific requirements of these and other fellowships, write to:

Dean Lynn M. Gunzberg
Brown University Box 1865
Providence, RI 02912

four-year term as a commissioner to the Florida Elections Commission. A real estate attorney, he lives in South Miami with his wife and two daughters.

William P. Hankowsky, president of Philadelphia Industrial Development Corporation (PIDC), shared an award given by the National Council on Urban Economic Development for the best example of public/private partnership. The award recognized the Philadelphia Center for Health Care Sciences, a medical research and health-care facility.

Barbara S. Jeremiah has been named an assistant general counsel of Aluminum Company of America in Pittsburgh. She is married to John M. Wilson, and they live in Allison Park, Pa., with their daughters, Rachel and Abby.

Paul D. Sampson will be returning to Brown for the fall semester as part of his sabbatical from the University of Washington, where he is a research associate professor in the department of statistics. He will be conducting research while visiting the applied mathematics department. In January 1993, he and his wife, Sandy, will continue his sabbatical at the Centre de Géostatistique in Fontainebleau, France.

74

Kevin Costelloe (see **G. Frances Martin Costelloe** '46).

Patience A. Fuchs, Short Hills, N.J., is regional administrative manager at CH2M Hill, an environmental engineering firm.

Lawrence E. Joseph lives in the Park Slope section of Brooklyn and is working on his second book, *In Search of Common Sense*, due out from Addison-Wesley in 1994.

Jonathan B. Sallet (see *Noteworthy*, page 43).

George G. Woody III is vice president of marketing for Coca-Cola's foods division in Houston.

75

Gregory H. Barnhill lives in Stevenson, Md., with his wife, Lisa, and their son, Scott, born on Aug. 24. Greg is a principal at Alex. Brown & Sons, Inc., where he is an investment banker in the international division.

Nancy Fitch is still living in Missoula, Mont., "happily remarried, stepmother to two teenaged girls, and mother to Ben, 9." Nancy is director of health services at the University of Montana and "actively trying to interfere (constructively) in the sex lives of college students." She would enjoy hearing from old friends.

Neill E. Goltz, Minneapolis, is director of planned giving for the Hazelden Foundation. The position involves lots of travel, and Neill hopes to see friends from Brown when he is on the road.

Dr. Susan T. Kaye was promoted to director, family practice education, at Overlook Hospital in Summit, N.J., last August. Her husband, Roger Bilheimer, is vice president, executive director of publicity, for Dell Publishing Company, New York. They live in

Westfield, N.J., with their children, Alicia, 7, and Evan, 4.

Ellen Galkin Kenner, who recently received her Ph.D. in psychology, has been a fellow at Harvard Medical School for the past two years. She and her husband, Harris, have two children, Naomi, 12, and Ryan, 10. Ellen's mother is **Wini Blacher Galkin** '52, and her father is **Bob Galkin** '49. Her maternal grandmother is the late **Esther Gleckman Blacher** '29.

David Quinn received his Ed.D. from Columbia in May 1991. He is an education consultant and teaches English as a second language and is academic coordinator for Columbia's American Language Program. Last year, he published an advanced-level ESL listening and conversation text with Frances

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For information, call the alumni office (401-863-1946) or the program's coordinator (800-635-7801).

Boyd, also at Columbia, based on Garrison Keillor's "News from Lake Wobegon" monologues, which are part of the humorist's popular radio show, "A Prairie Home Companion," aired on public radio. David lives in New York with his wife, Leslie, and their daughter, Leila Roxanne, 2.

Dr. Mark F. Scott ('86 M.D.) and **Diane DiGianfilippo Scott** announce the opening of Mark's solo obstetrics/gynecology practice in Warwick, R.I. They live in Cranston, R.I., with their three children, Mark II, 9, Jonathan, 7, and Dana, 5.

Susan Holloway Scott (see *Noteworthy*, page 43).

76

Todd Abraham and **Anne Opila** announce the birth of their second daughter, Aliza, on March 6. Todd is a director of marketing and Anne an engineering manager at Pillsbury. They live in Edina, Minn.

Amy Maurer Goldstein and **Bruce Goldstein** '75 have two children, Evan and Ilana Jill, born on March 12. They live in Pawtucket, R.I.

Jill Goldstein (see **Paul Goldstein** '46).

Ronald Lichwala is director of worldwide products for InspeX, Inc., in Billerica, Mass., a manufacturer of laser-based scanning systems for use in particle detection in the semiconductor industry. Ron lives in North Hampton, N.H.

Lloyd I. Miller and his wife, Kimberley, announce the birth of their second child, Lloyd I. Miller IV, on Nov. 20. Lloyd is a registered investment advisor and a member of the Chicago Board of Trade. The family lives in Barrington Hills, Ill.

Jay Scott (see *Noteworthy*, page 43).

Susan Alexander Simpson and **Richard Simpson** have relocated to Belgium for the next three or four years. Their address is Chemin de Ransbeck, 4, 1410 Waterloo, Belgium. Rick's overseas assignment is with ACRI, where he has held a compiler development position since February. Sue is looking forward to acting as tour director for Christie, 9, Amy, 7, and David, 4.

Dr. Debra A. Spiceland and **Dr. Daniel Leonard** (Yale '76) have three sons, Mike, 9, Alex, 5, and Jeremy, 3. Debra has a consulting private practice in infectious diseases. The family lives in Pleasantville, N.Y.

J. Patrick Truhn, after postings in Seoul, Milan, and Casablanca, moved in June to Sofia, Bulgaria, where he will serve as administrative officer of the American Embassy for the next three years.

77

Deborah Chick Burke and her husband, Francis, announce the birth of Kelly Madden and Stephen Francis on Oct. 24. The twins join Melissa, 3. Relatives include grandparents **Caroline Decatur Chick** '50 and **Bruce B. Chick** '50, and aunt **Nancy Chick Hyde** '80.

Ann Costelloe Landenberger (see **G. Frances Martin Costelloe** '46).

Eleanor Earle Mascheroni and her husband, Mark, announce the birth of Isabella Starbuck Mascheroni on March 10, 1991. She and her sister, Olivia, 4, celebrated their birthdays six days apart. "What fun we're having," Eleanor writes. The family lives in New York City.

Gerard A. Muzzillo and his wife, Joan, announce the birth of Elisa Marie on March 7. Nicholas is 4. Gerard and Joan live in southern New Jersey (Mantua) and both work in the Philadelphia area. Gerard was elected to the President's Club for U.C. Industries, Inc., for the 1991 sales year. He says hello to all his friends from the class of 1977 and encourages them to stop when in the Philadelphia area.

Don Siegel (see **Leslie Kamen Siegel** '83).

Audrey J. Wolfson was married to Rob Forman (Princeton '78) on March 2 at the Water Club in New York City. A number of Brown alumni attended, including the bride's parents, **George** '51 and **Nancy Siderowf Wolfson** '53. Audrey is a production consultant in theatre, television, and film, and Rob is director of network radio newsfeed at CBS News, where he is also a producer and reporter.

Jan Zlotnick has been named vice president and associate creative director of Gianettino & Meredith Advertising in Short Hills, N.J. He worked for a number of New York advertising agencies before joining Gianettino & Meredith in 1987. His television, radio, and print ads have won more than thirty awards. Jan lives in West Caldwell, N.J., with his wife, Melanie Kartzman, and sons, Jared and Tyler.

78

Dr. John Blebea has moved to Cincinnati, where he is assistant professor of vascular surgery at the University of Cincinnati Medical Center and chief of vascular surgery at the Cincinnati VA Medical Center. His wife is assistant professor of radiology. Their daughters are Elena, 4, and Christine, 2.

Karen Carter Owens and **Stephen A. Owens**, Phoenix, announce the birth of John Carter Owens on Feb. 20. Karen is a partner at Lewis & Roca, specializing in health-care law and commercial litigation. Steve is a partner with Brown & Bain, specializing in environmental law. He was recently appointed chair of the Phoenix Environmental Quality Commission.

Karen L. Robertson announces the birth of Elizabeth Robertson Sloan on Oct. 25. Alec is 6. They live in Whittier, Calif.

Roosevelt Robinson III is in his second year of owning the Ford dealership in Middletown, Ohio. "It looks like we'll be here for a while. The National Hot Air Ballooning Championships will be here the next three years. Anyone attending, please stop by. You can't miss us as you drive into Middletown."

Lawrence P. Sanford and his wife, Christina, announce the birth of Lily Blanche on Aug. 5. They live in Trappe, Md.

Dr. Robert B. Shpiner practices pulmonary and critical care medicine at the UCLA Medical Center in Los Angeles. He is married, "with kids on the way."

Lisa Solod (see **Fredi Kovitch Solod** '50).

79

Jeff Bellin (see **Marcia Rosenberg Bellin** '50).

Nathaniel D. Chapman II writes that in June, after two years in Hamburg, he and his wife, Liza, a sculptor, moved to Bonn, Germany, where he continues with the U.S. Consulate Service.

Susan Ekimoto Jaworowski, Mililani, Hawaii, received the first-ever president's award in 1990 from Hawaii Women Lawyers, of which board she has been a member since 1987. She is vice president of the Hawaii Women's Legal Foundation. Susan also announces the birth of Nicholas Edward Ekimoto on Jan. 28. Katya is 3.

Dr. Lauren McDonald and her husband, Howard Cole (Bucknell '77), announce the birth of Alexander McDonald Cole on March 4, 1991. Lauren is a nephrologist in Dallas.

Dr. Martha J. Sack and her husband, Daniel Hyman, announce the birth of Emily Rachel in March. Benjamin is 3. Martha is as-

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JOHN FORASTE

The class of '67 went for a record with their twenty-fifth reunion gift, here being presented in the form of a giant check to President Gregorian by Susan Jacoby, David Santry, and (at lectern) Alan Fishman. The ceremony took place at Sunday morning's Hour with the President.

sistant professor of pathology at the Hospital of the University of Pennsylvania. The family lives in Erdenheim, Pa.

80

Steven M. Dorsey and Julie Prendergast announce the birth of Eleanor Anne Dorsey on Sept. 30. The grandparents are **John F. Prendergast** '49 and his wife, Eleanor. Steve and Julie live in El Paso, Texas.

David A. Durfee ('87 Sc.M., '92 Ph.D.) continues as director of hardware engineering for Bay Computer Associates, a contract design firm in Providence. He has worked as an electronics and software design engineer for several companies while completing his studies at Brown, including Design Lab, TSS Ltd, and Codex Corporation. David lives in Scituate, R.I., with his wife, Patricia, and three children.

Wendy Cohen Handler and her husband, Larry, announce the birth of Jeffrey Scott on Feb. 18. They live in Chestnut Hill, Mass.

Nancy Chick Hyde (see **Deborah Chick Burke** '77).

Alison L. Kane, Brooklyn, has completed her Ph.D. in clinical psychology; her dissertation is on creativity. She lives in Park Slope and works in Brooklyn.

Dr. Ann C. Morrill ('84 M.D.) and her husband, Dr. Lars Cisek, announce the birth of Sarah Megan Cisek on Jan. 26. Elizabeth Ann Cisek is 16 months old. Lars is in the midst of his urology residency at Johns Hopkins Hospital, and in June, Ann completed her fellow-

ship in endocrinology, also at Johns Hopkins.

Rock Tate has been elected second vice president/financial consultant for Shearson Lehman Brothers. He has been with Shearson for ten years and is located in the West Palm Beach, Fla., office. Rock lives on Hypoluxo Island, Fla., with his wife, Lyn, his daughter, Linda, 5, and son, Rocky, Jr., 2.

81

John Atcheson and his wife, Elizabeth, announce the birth of Laine Nance Atcheson on Feb. 5. Page is 2. They live in San Francisco.

Anita E. Flax married Charles A. Moore III on Sept. 8, 1990, in Hope Valley, R.I. Many Brown alumni attended the wedding. Sara Redinger Moore was born on March 14. Anita is a lawyer in Providence; the family lives in Cranston, R.I. Anita sees **John S. Hoar** '85 and **William B. Smylie** '82 on a regular basis, and visited **Liz Rawson Berg** '83 in Chicago last spring.

Dr. Lawrence M. Lesperance and his wife, Elke, announce the birth of Kaley Marguerite Lesperance on March 22. Kaley's "uncles" are **Michael Audie** and **Kenan Siegel** '82, who also live in Miami.

Dr. Marion M. Pandiscio ('85 M.D.) is looking forward to rejoining the ranks of civilians in July 1993, when she completes her four-year military obligation. She is serving in Panama City, Fla.

Nancy Nyquist Powell and her husband, Ted, announce the birth of Laura Jane Powell

on Aug. 18. Nancy and Ted live in Jacksonville, Fla., and both work in marketing for AT&T Universal Card Services. Nancy writes that she attended the wedding of **Sharon Peachey** and Oley Sheremeta in West Palm Beach, Fla., on April 4. **Barbara Robertshaw** was maid of honor.

Dr. Christopher S. Sewell and his wife, Lisa, announce the birth of their second daughter, Jessica Mary, on Nov. 24. They live in Willington, Conn. Chris has opened an orthopaedic surgery practice, The Fallon Clinic, in Worcester, Mass.

Nancy Gordon Solomon and **Harold Solomon** announce the birth of Benjamin Louis on Feb. 5. Sarah is 3. Their grandfather is **Maurice H. Gordon** '50. Nancy and Harold live in Sharon, Mass.

Mary Kondon Toth, Virginia Beach, Va., announces the birth of Peter Anderson Toth on Dec. 29, 1991. Nicholas is 2. "Both my boys can't wait to meet all of the new Barnes Street babies. Also, we are moving to Boston in July."

82

Honey Forman is teaching privately in Saudi Arabia after finishing her master's in education at Harvard last spring. Prior to school, she had been living and working in Vermont, and over the last several years has spent summers in Tongass National Park in Alaska, tracking grizzly bear, cruising and camping out among the islands, and enjoying the wilderness. She would love to hear

from friends c/o Lauretta Forman, 20 Jupiter Ln., Levittown, N.Y. 11756.

Susan Grimes Gernhard writes that she is looking forward to the November 1992 wedding of **Aliza Knox '81** in Sydney, Australia. **B.J. Miller '80** is also planning to attend. **Morgan Kennedy Moody's** second child, William Rush Moody, was born in January. She lives in Houston with her husband, Brad, and daughter, Chandler. Susan writes from San Francisco.

Bliss, Barefoot & Associates, Inc., a corporate/marketing communications firm based in New York City, changed its name to Bliss, Gouverneur & Associates, Inc., to recognize the contributions of **Abby Gouverneur**, who joined the firm in 1983. She is a member of the New York Society of Association Executives and has been a guest lecturer in communications at Fordham Graduate School of Business.

Andrew T. Greenberg (see *Noteworthy*, page 43).

Ted Greenwald and **Merrill Gruver '83** were married April 12 at the Mohonk Mountain House in New Paltz, N.Y. A number of Brown alumni attended. Ted and Merrill live in New York City.

April Harding Wolf has been appointed deputy director of building safety for the department of inspection and standards for the city of Providence by Mayor Vincent A. Cianci, Jr. Previously, for five years, she was executive director of the Elmwood Foundation for Architectural & Historical Preservation, also in Providence.

83

David A. Bristol, Jr., and his wife, Marcie Baria (Bucknell '81), have a new address: 5626 Summer Snow Dr., Houston, Texas 77041.

Andria Singer Eisen and her husband, Joel, announce the birth of Rebecca Brianna on March 9. They live in Toronto and would love to hear from old friends at (416) 638-1278.

Beth Zalusky Finkelstein and **Stuart Finkelstein** announce the birth of Samuel Louis on April 13. Dr. **Ralph Zalusky '53** is Sam's grandfather, and **Jeff Zalusky '81** and **Katherine Wheaton '81** are uncle and aunt. Beth is a freelance illustrator, and Stuart is an attorney at the law firm of Skadden, Arps, Slate, Meagher & Flom. They live in New York City.

Steven J. Frank is a partner in the Boston law firm of Cesari and McKenna, where he practices intellectual property law. His book, *Learning the Law: Success in Law School and Beyond*, will be published by Carol Publishing Group in July. His wife, **Andrea Manzi Frank '82**, is the fine arts slide curator at Boston College. They live in Newton, Mass.

Leslie Kamen Siegel and Dr. **Don Siegel '77** announce the birth of Jennifer Shane on March 20. Leslie is director of psychological programs and services for the Nutri/System Corporation at its corporate headquarters in Blue Bell, Pa. Don is an assistant professor of pathology and laboratory medicine at the

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University of Pennsylvania School of Medicine and attending physician in the blood bank/transfusion medicine section of the Hospital of the University of Pennsylvania. They live in Horsham, Pa.

Buffy Stoloff Vehse is assistant director of the University of Chicago Alumni Association. Her husband, **Ted**, submitted his Ph.D. thesis proposal to the University of Chicago Divinity School this spring. He studies the history of religions and will write on German Judaism in the nineteenth century. Their address is 1311 East Madison Park, Apt. 2, Chicago 60615.

84

Dr. Scott P. Bruder and Lisa Markowitz (Ohio State University '89) were married on Nov. 16 in Cleveland. A number of Brown alumni attended. Scott received his Ph.D. in cell and molecular biology in 1990 and his M.D. in 1992 from Case Western Reserve University. After a transitional year internship at Albert Einstein Medical Center in Philadelphia, he will begin a residency in ophthalmology at the Scheie Eye Institute of the University of Pennsylvania. Lisa has a master's degree in special education (Cleveland State University '92) and is a special education teacher in the Philadelphia area. **Brad Simons** '91 Ph.D., '92 M.D. will be starting his residency at Scheie along with Scott in July 1993. Scott and Lisa can be reached at 2331 North 58th St., Apt. C-3, Philadelphia, Pa. 19131. (215) 477-5520.

Ariane Cherbuliez, a mathematics teacher at the Hackley School, Tarrytown, N.Y., attended a 1992 summer seminar, "Great Theorems of Mathematics in Historical Context," sponsored by the National Endowment for the Humanities at Ohio State University in Columbus.

Lillian R. Schlessinger Meyers and **Andrew J. Meyers** '83 announce the birth of Jacob, who joins Aaron, 19 months, and Katie, 4. Lillian enjoys being a full-time mother, and Andrew is vice president, director of marketing, at Thomson Investor Services in Stamford, Conn. Their address is 5 Hedgerow Common, Weston, Conn. 06883.

85

Dr. Eve Colson and her husband, **Dr. Jeffrey Stein** (University of Rochester '78), announce the birth of Rebekah Ann Stein on March 19. Eve and Jeff are finishing residencies at Strong Memorial Hospital in Rochester, N.Y.

Leslie C. Harris has joined the Atlanta office of Fleishman-Hillard Inc. as an assistant account executive. Previously, she was marketing assistant at Fernbank Museum of Natural History in Atlanta.

Randy Haykin and his wife, **Patty**, announce the birth of their second child, **Juliana Marie**. Randy has been with Apple Computer for the past four years and is manager of programs for the Apple Worldwide Multimedia group. He and **Patty** live in San Jose, Calif., and encourage old friends to visit or call (408) 866-7943.

Noteworthy



GS Luther Luedtke '71 Ph.D. has been named the fifth president of California Lutheran University, Thousand Oaks, Calif. Luedtke, who is professor and chair of graduate studies in the department of English at University of Southern California, will assume the presidency on August 1. He is the author of several dozen essays on American literature, values, and culture, and his two most recent books are *Nathaniel Hawthorne and the Romance of the Orient* (1989) and *Making America: The Society and Culture of the United States* (1992). Luedtke is active in Trinity Lutheran Church in Pasadena, Calif., where he serves as head of the church council. He has also served as president of the alumni association of Gustavus Adolphus College, where he graduated in 1965, and on review committees for Fulbright scholars in American literature, grant review panels for the National Endowment for the Humanities, and the U.S. Department of Education. He lives in South Pasadena, Calif.

William H. Courtney '80 Ph.D. has been appointed the first U.S. Ambassador to Kazakhstan. Robert A. Summers, who worked with Courtney on nuclear weapons policy at the State Department, sent the note. Summers writes that Courtney is "an outstanding selection considering his Russian language capability and knowledge of the nuclear weapons area." Summers, who is chief of the Defense Programs and Analysis Division of the Bureau of Nonproliferation Policy, reports that his son, **Robert L. Summers**, is class of '94.

MD Maj. John Reasoner, USA, '80 M.D. served for eight months on the front lines with the 101st Airborne Division as part of Operation Desert Shield/Storm and received the Army Air Medal and the Bronze Star. He has since resumed his teaching/staff position with the family practice residency program at Eisenhower Army Medical Center, Fort Gordon, Ga. Prior to his "unexpected trip" to the Middle East, he had the "opportunity to work with the athletes at the 1990 Olympic Festival in Minneapolis, which made it possible for my selection to the medical staff for the 1992 Summer Olympic Games in Barcelona. The selection was a great reward after eating sand and living out of a rucksack for eight months," he writes.

Deborah Lewis (see **Eleanor Levinson Lewis** '59).

Dr. Louis Jesus Novoa and **Kendall Takara** were married on June 6 in the Hawaii Temple of the Church of Jesus Christ of Latter-Day Saints. They live in St. Louis, where Kendall is continuing medical school, and Louis is interning at Jewish Hospital. Louis's married name is **Louis Novoa-Takara**.

Adam Randolph, Chevy Chase, Md., had a one-person show of his oil paintings at Blue Sky Court Gallery, Nashville, Tenn., during the month of May.

Sarah Goff Raslowsky, a mathematics and science teacher at Dedham Country Day School, Dedham, Mass., attended a 1992 summer seminar, "Great Theorems of Mathematics in Historical Context," sponsored by the National Endowment for the Humanities at Ohio State University in Columbus.

Sharon Saline and her husband, **Kenneth**

Hahn (Harvard '82), live in Oakland, Calif. Sharon received her master's in psychology in June 1991 from New College of California and is working as a family therapist. She would love to hear from friends at 5345 Miles Ave., Oakland 94618.

Linda Tveidt Samuels and **Don Samuels** '83 announce the birth of **Andrew D. Samuels** on Jan. 17. **Jack D. Samuels** '56 is the grandfather. Linda and Don live in Los Angeles, where Don is an attorney with Sidley & Austin, and Linda is the director of marketing for Canter & Associates.

Mark Torpey, a development engineer for Foster Wheeler Development Corporation, Livingston, N.J., has been selected as a leadership development initiative intern by the American Society of Mechanical Engineers (ASME). He will work with the society's council on engineering, which directs the technical interests of the society.

86

Alison Fink and **Jesse Deutsch** (Pennsylvania '86) were married on May 24. They met at New York University Business School, where they both graduated in 1990. **Michelle Wallach** was maid of honor, and **Deborah Klein Sokal** and **Carolyn Bassam** '85 were bridesmaids. Several other classmates attended the ceremony. After a honeymoon in Spain, they returned to White Plains, N.Y. Alison is a financial analyst for IBM in Somers, N.Y., and Jesse is a planning analyst for Philip Morris in New York City, N.Y.

Christienne M. Genaro is working for J.P. Morgan in Paris, France. "Work keeps me busy, but I still have time to participate in the Brown Club here, as well as meet Brown alumni, notably, **John Bojanowski** '89 and **Christoph Sahar** '90, now back in New Jersey. In New York, I left behind **Dana Levenberg** and **Connie Ho**." Friends can write c/o Terradot, 100 rue Amelot, 75011 Paris, France.

Dr. **Leon L. Haley** was recently named chief resident of emergency medicine at The Henry Ford Hospital in Detroit. His wife, **Carla** (Penn State '86), is in the second year of her pediatrics/internal medicine residency at Detroit Medical Center. Leon returned to Brown for the graduation of his sister, **Lisa**, in May.

Liz McLarney graduated from Albany Medical College, New York, in May, along with **Michael Sacca** '87 and **Victor Chang** '87. She has begun an orthopaedic surgery residency at Yale, and welcomes friends at her beach condo: 111-7 Casey Beach Ave., East Haven, Conn. 06512. (203) 467-8033. **Jeff Garrison** '87 is also beginning his orthopaedic residency at Yale. Liz adds that she attended the weddings of **Risa Dinman** and **Lisa Bishop**. "It seems as if orthopaedic surgery is the career choice of the Pandas who go into medicine. Including myself, there is **Kristen Carroll**, **Sarah Burrow**, and **Kimberly Les** '88."

Susan Shafer-Landau and **Russell Shafer-Landau** announce the birth of **Max Jacob** on March 1. "The commencement of parenthood coincides with graduation from graduate school for both of us." Russ received his Ph.D. in philosophy, and Sue her J.D. They have moved from Tucson, Ariz., to Lawrence, Kansas, where Russ has accepted a position as assistant professor at the University of Kansas.

87

Elise Bolger married **Jeff Linscott** on May 2. They live in Arlington, Mass.

Sarah Brown has had two plays published by Samuel French, Inc. Both plays won honors in French's 16th Annual Play Festival, judged by New York critics and the staff of Samuel French, Inc. Sarah attends Yale School of Drama.

Dianne Hui was married to **Tom Jones** on Feb. 22. Among the Brown alumni who attended were **Lily Barberio**, maid of honor, and **Joy Tsien** and **Joanne Ortiz**, bridesmaids. Dianne and Tom work for The Pru-

dential in Newark and live in Whippany, N.J.

Steven Lewis (see **Eleanor Levinson Lewis** '59).

Elizabeth McCabe and **John Cowles** '88 were married on March 28 in Natick, Mass. Included in the wedding party were **Jim Stoddard**, **Bill Douglas**, **Michael Fitzpatrick**, **Steve Clark** '88, **Miriam Gonzales**, and **Judy Hellerstein**. Another large contingent of Brown alumni joined the celebration. Liz and John live in Burlington, Mass.

Claudia Morgan will begin the Ph.D. program in social policy at the Heller School for Advanced Studies in Social Welfare at Brandeis in September. "I am still full of hell, although I haven't blown anything up in several months. People now know me as Nefertuti, the Undisputed Queen of Intellectual Garage Calypso. I may be reached for most of the summer at 43 Potter St., Pawtucket, R.I. 02860. (401) 722- 5864."

Steve Schaepe and **Karen Govertsen** were married on March 14, "after eight years, one house, and two cats." They live in Newburyport, Mass.

Marilyn Weiger graduated from Tufts Medical School in May with Alpha Omega Alpha honors, and will begin a residency in internal medicine at Beth Israel Hospital in Boston. She sends a special hello to former "volleyball team members and the Governor Street household folks."

88

Alwin Bliek received his master's degree in April from Delft University of Technology, The Netherlands. In July, he joined the Dutch Army for his mandatory service.

Dr. **Richard A. Feifer** has moved to the Boston area with his fiancée, **Marianne Goldstein** (Pennsylvania '88). Richard received his M.D. from the University of Pennsylvania in May and has begun a residency in primary care/internal medicine at Mount Auburn Hospital in Cambridge. Friends can reach him at 267 East Boylston St., Watertown, Mass. 02172.

Michael Girardi's medical thesis on how ultra-violet light treatment may prevent lupus-like diseases and aid the possible development of new treatments for lupus was judged one of the five best theses at Yale University School of Medicine's annual Student Research Day on May 12. Since 1839, the school has required its medical students to write a thesis, the oldest such requirement among the nation's 126 medical schools.

Barbara Green received her master's degree in library and information science from Simmons College, Boston, and will be starting a Ph.D. program in American studies at Boston University in the fall of 1993. Meanwhile, she is living in Providence, writing on film, and compiling a catalogue of the holdings of the Brown Film Archive. Her Bitnet e-mail address is AP201108@brownvm.brown.edu, and her address is 31 Adelphi Ave., Providence 02906. (401) 751-8716.

Claire Hayes and **Claeton Giordano** (Harvey Mudd College '85) were married on Oct. 5 at St. Peter's Church in Concord, N.H.

Among the Brown graduates who attended were **Nawal Nour**, maid of honor, and **Momi Furuya Akeley** '89, a bridesmaid. **Claire** and **Claeton** are both software engineers at Sun Microsystems, Inc., and live in San Francisco.

Jimmy Hexter will return to the U.S. in the fall to begin Harvard Business School, after living and working for McKinsey & Company in Taipei, Taiwan, for the past several years. He spent the spring working on a project in Sydney, Australia. Jimmy would love to catch up with friends, who can write him at his parents' address: 2928 Falmouth Rd., Shaker Hts., Ohio 44122.

Anahaita N. Kotval is trying to contact **Leon S. Lewis**. Information should be sent to Anahaita at 8 Verne Pl., Hartsdale, N.Y. 10530.

Andrew G. Moore is enjoying his third year at Vanderbilt Medical School, Nashville, Tenn. He is currently on his surgery rotation.

Joel T. Park II and **Jeannette Downing Park** announce the birth of **Kayla Faye Park** on Feb. 29. Joel is a student in Brown's M.D./Ph.D. program.

Dan Reardon is working in Hong Kong for the U.S.-China Business Council and welcomes any letters as he watches the clock for 1997 to arrive. He can be reached at 357 Hennessy Rd., 12/F, Wanchai, Hong Kong.

Laura K. Sherry received her M.D. from University of Massachusetts Medical School in June. She will do her residency in internal medicine at the New England Deaconess Hospital in Boston. Classmates are welcome to write and visit at 10 Emerson Pl., Apt. 8-H, Boston, Mass. 02214.

Veronica Torralba is the Texas Regional Director for Teach For America. Friends can reach her at home: 10755 Meadowglen Ln., No. 224, Houston, Texas 77042. (713) 226-1314.

Peter J. Wolfenden is "still in perpetual Ph.D. mode. I may see some of you at **Samir Shah**'s June wedding." Peter can be reached at wolfen@math.ucla.edu.

89

Jonathan F. Bastian has his EMT-I certification and is working on Firefighter III certification. His address is 4717 Cross Country Tr., Loves Park, Ill. 61111. (815) 654-0446.

Kimberly L. Deasy, a second-year student at the University of Puget Sound School of Law, Tacoma, Wash., has been appointed editor-in-chief for the 1992-93 *Law Review*.

Jennifer Doran and **Allan Gold** were married on Oct. 14 in Ipswich, Mass. The entire wedding party was made up of friends from Brown. Jennifer and Allan live in Santa Clara, Calif.

Todd W. Hoffman is completing his first year in USC Film School's Peter Stark Motion Picture Producing Program. He lives in Pacific Palisades, Calif., and can be reached at (310) 459-4575.

Bryan Jones and **Elise Packard** '88 are engaged. A June 1993 wedding is planned. Bryan lives in Mercersburg, Pa.

Stacey L. Rosenkrantz is a graduate student in the psychology department at Stan-

ford. "If you're in the San Francisco Bay area, stop by and say hello," she writes. Stacey lives in Menlo Park, Calif.

David Swanson and Sally Rosenberg (University of Colorado) were married April 25 in St. Helena, Calif. They live in San Francisco, where Dave is a writer, and Sally works for Esprit Corporation. Members of the classes of 1987, 1988, and 1989 were present. **Graham Ray** sent this note.

Jessie Yuan and **George Dutton** were married on May 2 at Colt State Park in Bristol, R.I. **Jennifer Li** was maid of honor, and **Iris Chan** '90 was in the wedding party. Many recent alumni attended the reception held at the Casino at Roger Williams Park in Providence. Jessie is a third-year medical student at Brown, and George is completing his master's degree at Yale. They live in Providence. This note was submitted by **Victoria Wu**.

90

Steve Harrison has entered the West Virginia Republican primary as a candidate for the House of Delegates. He can be reached at 611 Cross Lanes Dr., Apt. #6, Nitro, W.Va. 25143. (304) 776-4896.

Kristen E. Keado and **Randy Lackner** '89 are engaged and plan to marry on Nov. 7 in Dallas. They are hoping that many Brown friends will make the trip to Dallas. Kristen's mother is **Linda Woodworth Keado** '60.

David S. Narita is a second-year medical student at the University of Cincinnati. He has been president of the Christian Medical Fellowship and just finished a year with the Urban Health Project as a program coordinator. He is currently national coordinator of the community health task force with the American Medical Student Association.

Daniel J. Quinn, Medfield, Mass., announces his engagement to **Jennifer H. Gaudette** '91. A June 1993 wedding is planned.

91

Margaret E. Bishop has been selected as one of 100 country-wide recipients of the Sallie Mae New Teacher of the Year awards, given by the American Association of School Administrators. Margaret teaches ESL to kindergarten through sixth grade at Rudolph Elementary School in Washington, D.C. In addition to teaching, she has started an after-school program for non-English-speaking parents. "Margaret is a fourth-generation Brown graduate and a fourth-generation teacher, exemplifying a proud tradition in our family," writes her mother, **Betsy Lee Jeffers Bishop** '54.

Christopher M.B. Nugent is living in Manhattan with **Peter Marshall** '90 and **Susan Tenner**. Chris plans to work for a year in the New York office of the Minneapolis law firm of Dorsey & Whitney and then attend Harvard Law School.

Matthew Specter has finished an editorial internship at *Harper's* magazine and has headed to Berlin to study German.

GS

Alice Manley McOsker '28 A.M. is retired and living in Smithfield, R.I. Her sister is **Mary Manley Eaton** '33.

Ronald E. Santoni '54 A.M., Maria Theresa Barney Professor of Philosophy at Denison University, Granville, Ohio, contributed an essay, "Nurturing the Institution of War: 'Just War' Theories, Justifications and Accommodations," to *The Institution of War* (St. Martin's Press, 1992). Santoni is president of the International Philosophers for the Prevention of Nuclear Omnicide (IPPNO).

Florence Castelle Eaton '69 M.A.T. (see **J. Roderick Eaton** '66).

Luther Luedtke '71 Ph.D. (see *Noteworthy*, page 50).

Ester Fuchs '74 A.M. is the author of *Mayors & Money: Fiscal Policy in New York & Chicago*, published in June by The University of Chicago Press.

Alice Hall Petry '79 Ph.D. is a contributor to *Literary New Orleans: Essays and Meditations*, published by Louisiana State University Press in 1992. Her essay is on the nineteenth-century author George Washington Cable. Petry is the author of *Fitzgerald's Craft of Short Fiction: The Collected Stories 1920-1935* (The University of Alabama Press, 1991). She is associate professor of English at Rhode Island School of Design and lives in Providence.

William H. Courtney '80 Ph.D. (see *Noteworthy*, page 50).

James S. Baumlín '83 Ph.D., associate professor of English at Southwest Missouri State University, received the 1991-92 SMSU Foundation Excellence in Teaching Award. Baumlín has been on the faculty since 1989.

Thomas Mitchell '84 Ph.D. has been awarded tenure by Southern Illinois University at Carbondale, where he is an associate professor of economics. He lives in Carbondale with his wife, Clare, and their two daughters.

David A. Durfee '87 Sc.M., '92 Ph.D. (see '80).

Yoshio Higomoto '88 A.M. is teaching in Japan. His address is Department of English, Doshisha University, Tanabe-cho Tsuzukigun, Kyoto 610-03 Japan.

Martin Brockerhoff '91 Ph.D. received the Dorothy S. Thomas Award at the annual meeting of the Population Association of America in Denver, Colorado, in May. The award recognizes the work of a young scholar in the field of population studies. Brockerhoff's principal advisor was Sidney Goldstein, George Hazard Crooker University Professor and professor of sociology at Brown, who was a student of Dorothy Thomas's. Brockerhoff is employed by the Center for International Research at the U.S. Census Bureau.

Brad Simons '91 Ph.D. (see **Scott P. Bruder** '84).

MD

Maj. **John Reasoner**, USA, '80 M.D. (see *Noteworthy*, page 50).

Maria da Piedade de Oliveira-Silva '82

M.D. and her husband, Adelberto, live in Sacramento, Calif., with their two children: André, 4, and Julia, 17 months. She works at the Permanente Medical Group and is a clinical assistant professor at the U.C.-Davis Medical School.

Ann C. Morrill '84 M.D. (see '80).

Marion M. Pandiscio '85 M.D. (see '81).

Mark F. Scott '86 M.D. (see '75).

James H. Johnson '91 M.D. is a captain in the U.S. Army Medical Corps on assignment in Schweinfurt, Germany. He and his wife, Sandy, can be reached c/o 24th Medical Detachment, CMR 457, APO AE 09033.

Brad Simons '92 M.D. (see **Scott P. Bruder** '84).

Obituaries

William Edward Rogers '21, Ogunquit, Maine; Dec. 12. There is no information regarding survivors.

Muriel Frances Austin '25, Chestertown, Md.; Jan. 19. She retired in 1974 as chief medical technician at Kent & Queen Anne's Hospital Laboratory in Chestertown, Md. She is survived by friends.

Horace Palmer Bill '26, Hopewell, Va., superintendent of controls with Allied Chemical Corporation when he retired in 1970 after thirty-five years with the company; Dec. 17. He was former chairman of the Hopewell Hospital Authority. He is survived by his son, Horace, Jr., 1912 Woodview Ct., Jonesboro, Ga. 30236.

Mather Hanchett '26, Rumford, R.I.; Feb. 14. He was traffic manager for the Oakonite Company for forty years before retiring in 1970. In 1986, he was honored for his community service when the mayor of East Providence, R.I., proclaimed a Mather Hanchett Day. Survivors include his wife, Marion, 111-C North Broadway, Apt. 206, Rumford 02916.

Lida Puffer Lacey '27, Foxboro, Mass.; March 20. She lived in Haiti after her marriage, while her husband served there with the Marine Corps, and then returned to Foxboro in the early 1930s. She was active in community affairs and was president of the Monday Club. Survivors include her husband, Charles, 59 South St., Foxboro 02035; and a son.

Annette C. Rivard '28, Narragansett, R.I., a laboratory supervisor at the Institute of Mental Health, Cranston, R.I., for many years be-

fore retiring in 1975; May 13. Survivors include a niece, Nancy K. Manfredi, 755 Pt. Judith Rd., Narragansett 02882.

Roger Monroe Scott '28, Peterborough, N.H., May 2. He was a mechanical and wire engineer with the former New England Butt Company, Providence, and the Morgan Construction Company, Worcester, Mass., for more than forty years. He was a member of a number of professional organizations, including a life fellow of the American Society of Mechanical Engineers, and was a corporation and trustee of the Jaffrey Gilmore Foundation and a member of the Civic Center Art Group of Jaffrey (New Hampshire). He leaves five children, including Stella Stevens Scott, of Brattleboro, Vt.

Harold Mills Baptiste '29, Palm Beach, Fla.; November 1991. There is no information regarding survivors.

Ethel Mathus Lawther '29, Southern Pines, N.C.; date of death unknown. She was a former dean of what is now the school of health, physical education, recreation, and dance at the University of North Carolina, Greensboro, before retiring in 1974, having served on the faculty for forty-three years. At the 1989 commencement ceremonies of the university, she was awarded an honorary doctor of humane letters degree. In 1935, she chaired the committee to develop the first curriculum guide for physical education in North Carolina and, in the early 1960s, she was instrumental in efforts to extend membership in the North Carolina Association for Health, Physical Education and Recreation to African-American professionals in the field. She was elected a fellow of the American Academy of Physical Education in 1971. She is survived by her husband, John, 778 Knollwood Village, Southern Pines 20387.

Vera Matteson Sundquist '29, Manchester, Conn.; Nov. 7. She was president of the Hartford County Medical Auxiliary and a member of the Women's Auxiliary at Manchester Memorial Hospital. She also wrote a history of Manchester Memorial Hospital. She was a member of the Hartford County Council of the Girl Scouts of America, and was treasurer of the local United Fund for several years. At Brown, she was a former president of the Pembroke Alumnae Association and a trustee. She was a recipient of a Brown Bear Award in 1979. She was the first woman president of Rhode Island Alpha of Phi Beta Kappa. Sigma Xi. Survivors include her husband, Alfred, 50 Wylliss St., Manchester 06040; and a daughter, **Sandra Sundquist Durfee** '57.

Frederick Nicholas Crescitelli '30, '32 Sc.M., '34 Ph.D., Los Angeles; March 22. He was professor emeritus of biology at the University of California, Los Angeles, and a member of the research committee of the Zoological Society of San Diego, the American Society of Zoologists, and the American Physiological Society, among others. Survivors include a daughter, Mrs. Monica Crane, 1000 Manning Ave., Los Angeles 90024.

Philip Marston Lingham '30, Austinburg, Ohio; Dec. 31. He was retired assistant director of purchasing for Pittsburgh Plate Glass Company in Pittsburgh. He was captain of the hockey team in his senior year and for his play was voted into the Brown University Athletic Hall of Fame. He also played baseball. He is survived by his wife, **Dorothy Hodgson Lingham** '28, 1840 Rt. 307 E, Austinburg 44010.

Roana Robinson Dearborn '31, Hopkinton, Mass.; April 1. She joined the staff of the Hopkinton Library in 1960 and was children's librarian from 1967 until she retired in 1975. She is survived by her husband, Edmund, 33 Ash St., Hopkinton 01748; and two sons.

The Rev. **Ida Van Dyck Hordines** '31 A.M., East Branch, N.Y., retired pastor of Throgs Neck Presbyterian Church, Bronx, N.Y.; May 24, 1979. She is survived by her husband, John, Harvard Farm, Box 37, East Branch 13756.

Dr. May Sherman Rosen '31, '33 A.M., St. Petersburg, Fla.; April 7. A 1941 graduate of the University of Buffalo (N.Y.) medical school, she was a pathologist who concentrated on medical writing, editing, and administration. She was an editor of the *Atlas of Tumor Pathology* and worked as a medical editor for a number of years in Washington, D.C., with several branches of the military and with various government agencies. Phi Beta Kappa. Her husband, Dr. Samuel H. Rosen, died last June. There are no survivors.

Abram Wilbert Spiro '31, Southbury, Conn.; April 11. He had practiced law in Danbury since 1934 and from 1969 with Spiro & Markosky. He was the state attorney trial referee from 1984 to the present. A member of the charter study committee of the Greater Danbury Association in the 1950s, he was a counsel to the zoning commission, the zoning board of appeals, and the planning commission, from 1960 to 1965. He was a past treasurer and member of the board of trustees of the United Jewish Center and a past member of the board of directors of the Jewish Federation. During World War II, he served as a U.S. commissioner. He is survived by his wife, Ann, 945-A Heritage Village, Southbury 06488; and a son, **Julian** '62.

John Elza Baldwin '32, Winter Park, Fla.; Feb. 14, of leukemia. He taught in Massachusetts, Vermont, and Pennsylvania before coming to Northfield (Mass.) Mount Hermon School, where, in his thirty-one-year tenure, he served as chairman of the English department, director of Mount Herman Abroad, Great Britain program, and chairman, for twelve years, of the school and college conference on English. After retiring, he moved to Winter Park, where he served for fourteen years as a volunteer teacher in the elementary school system. He was a veteran of World War II. Survivors include two sons and his wife, Alice, 1310 Magnolia Ave., Winter Park 32789.

Dr. Joseph Morris Zucker '32, Laguna Hills, Calif.; April 22. A neuropsychiatrist who practiced for thirty-seven years in Providence, he was assistant director of Providence Child Guidance Clinic and a physician at Rhode Island Hospital. During World War II, he was a major in the Army Medical Corps. He was a fellow of the American Psychiatric Association and a member of the American and Rhode Island medical and psychiatric associations. He moved to California in 1989 and is survived by his wife, Ruth, 4010-1B Calle Sonora Oeste, Laguna Hills 92653.

John Hazard Wildman '33, '34 A.M., '37 Ph.D., Mobile, Ala.; March 23. He was professor emeritus of English at Louisiana State University, Baton Rouge, and was a novelist who also published several volumes of poetry. He was a veteran of World War II. Survivors include nieces and nephews, among them Ethel Gast of Lebanon, Ohio.

William Norman Bancroft '34, White Plains, N.Y.; Aug. 7. A resident of North Castle, N.Y., for more than forty years, he served on the town planning board, the ethics board, and the parks, recreation, and conservation boards. He served three terms on the Valhalla (N.Y.) Board of Education, and was president and secretary of the North White Plains Fire Company and an original member of the North Castle Auxiliary Police. He was also a director of the North White Plains Library Board and active in the North Castle Historical Society. After World War II and until 1969, he owned Farm Specialties, a North White Plains egg and poultry business. He later was head salesman for Barn Sale Antiques in Armonk, N.Y. Survivors include a son, **W. Norman** '67, R.R. #4, Silvermine Dr., South Salem, N.Y. 10590.

Antonio Dilorio '34, Cranston, R.I.; Feb. 28. He was an engineer with Crescent Company, Inc., a wire manufacturer in Pawtucket, R.I. Survivors include his wife, Maria, 338 Auburn St., Cranston 02910; and three children.

William Henry Herbst '34, Madison, N.J.; Dec. 5, 1990. He worked in textiles with Reeves Brothers, Inc., New York. He is survived by his wife, Dolores, 14 East Lane, Madison 07940.

Minnie Spies Hereford '34 A.M., Richmond, Va.; April 15, 1985. She is survived by her husband, Earle, 7610 Cornwall Rd., Richmond 23229.

Edward Turnbull Pritchard '34, Indianapolis; Jan. 15. He was a retired real estate broker. He is survived by his wife, Mary, 5232 Lancelot Dr., Indianapolis 46208; and a son.

Warren Frick Groce '35, Selinsgrove, Pa.; Feb. 29. He was retired chairman of William F. Groce, Inc., Selinsgrove, a silk and yarn spinning company. He was a community leader, serving on many community and public-interest boards. During World War II,

he served in the Navy as a gunnery officer on convoy duty in the North Atlantic. He is survived by his wife, Charlotte, 220 University Ave., Selingsgrove 17870; and three children.

Margaret Rich Staats '35, Washington, D.C.; April 6. Survivors include three children and her husband, Elmer, 5011 Overlook Rd. NW, Washington 20016.

A. Leavitt Taylor '35, Belmont, Mass.; May 16. He was senior member of the Boston law firm of Adams & Blinn. Among his survivors are two sons: **John** '77, and **David** '67, 41 Kendall Hill Rd., Sterling, Mass. 01565.

Dr. Charles Brown David '36, Moraga, Calif., a psychiatrist and psychoanalyst; March 25, of cancer. He graduated from Loyola Medical School in 1940 and was a commander in the U.S. Navy Medical Corps from 1941 to 1946. He completed his psychiatric training in 1949 at the University of California Langley Porter Institute in San Francisco, where he remained a lecturer and supervisor of residents-in-training until 1980. He wrote extensively on the lives and works of Sylvia Plath and T.E. Lawrence, and at the time of his death was editing for publication his mother's journal describing her life in Persia. He was active on many local, state, and national medical committees, and received the Northern California Psychiatric Society's President's Distinguished Service Award in 1983 and the Meritorious Service Award in 1992. He was president of the Brown Club of Northern California for thirty years. He is survived by his wife, Catherine, of Moraga, and three children, including **Fred** '71, 121 Sotoyome St., Santa Rose, Calif. 95405.

Arthur Olney Williams, Jr. '36 Sc.M., '37 Ph.D., Doylestown, Pa., former chairman of the physics department at Brown; May 16. He began his career as an instructor in physics at the University of Maine, Orono, and then came to Brown and specialized in acoustics, where he developed programs in areas of solid state and high energy research. He became associate professor in 1947, professor in 1951, and Hazard Professor of Physics in 1975. He was chairman of the physics department from 1956 to 1976. After retirement from Brown, he served twice in the Office of Naval Research, London. In 1982, he was a visiting research professor at the U.S. Navy Postgraduate School, Monterey, Calif. He was a member of the American Physics Society and the Acoustical Society of America, which awarded him its Pioneers of Underwater Acoustics medal in 1982. He was a former member of the Board of Editors of the *BAM*. He is survived by his wife, Jean, Pine Run Community, Ferry & Iron Hill Rd., Doylestown, Pa. 18901; and a daughter.

Anne Merritt Davis '37, Holden, Mass.; March 20. She is survived by her husband, Byron, 59 Bancroft Rd., Holden 01520; and six children.

William Pettit Horn, Jr. '37, Pittsburgh; Nov. 1. He was retired supervisor of merchandising for Gulf Oil Corporation and co-owner of Jerry W. Horn Gallery in Pittsburgh. He is survived by his wife, Jerry, 425 Avon Dr., Pittsburgh 15228.

Gen. Richard Giles Stilwell '37, USA (Ret.), McLean, Va.; Dec. 25. He was chairman of the Presidential Board for a Korean War Memorial, and president of Stilwell Associates. Retiring from the Army in 1976 after a career spanning thirty-nine years and action in three wars, he continued in public service as a Deputy Secretary of Defense and later as head of the Defense Department security review commission. He is survived by his wife, Alice, 8417 Weller Ave., McLean 22102.

Alfred Augustus Angelone '38, Johnston, R.I.; May 3. He was the owner of the LaSalle Oil Company, Providence, for fifteen years before retiring in 1983, and a former member of the New England Fuel Dealers Association. He was a pianist and performed with several local bands. He was an Army veteran of World War II. Survivors include a daughter, Barbara A. Angelone, 5 Miles Ave., Tiverton, R.I. 02878.

Gordon Gale Wisbach '39, Duxbury, Mass.; May 17. He was retired president and general manager of Mayflower Chrysler, an automobile dealership in Plymouth, Mass. He is survived by his wife, **Clara Schwab Wisbach** '40, 32 Trout Farm Ln., Duxbury 02332; and three children.

Capt. William Denise Baird '40, USN (Ret.), McLean, Va.; February 1992. He retired in 1982 as assistant to the associate director of the Federal Preparedness Agency, Washington, D.C. Among his survivors are his wife, Dorothy, 1724 Oak Ln., McLean 22101; and four children, including **William, Jr.** '67.

Robert Snedeker Ware '40, Easton, Md.; Aug. 7. He was a retired manager at New Jersey Bell Telephone Company, Newark. During World War II, he served in the Army Air Force. He is survived by his wife, Nancy, 5 Dogwood Terr., c/o S. Beechwood, Easton 21601; and a son.

Maj. Myron Ellsworth Wilcox '40, USMC (Ret.), South Yarmouth, Mass.; April 24. He was a retired executive administrator of the American Red Cross. He was active in community affairs and was the first president of the Highland Light Scottish Society. During World War II, he served in the Marine Corps for four years in the Pacific and was awarded a Bronze Star. Survivors include his wife, Catherine, 3 Norma Ave., South Yarmouth 02664; and three children.

William R.T. Crolus '41, Kilmarnock, Va.; Feb. 23, of cardiopulmonary arrest following cancer surgery. He was retired vice president for government relations for Crane Company. Previously, he was manager of the Washington, D.C., office of McGraw-Hill Informa-

tion Systems. He was a member of the Washington Industrial Round Table and the Business Government Relations Council. During World War II, he served in the Navy as a ship commander in the Mediterranean. He remained in the Navy Reserve after the war until retiring as a captain in 1978. Survivors include his wife, Mary, Rt. 1, Box 3165, Kilmarnock 22482.

Michael Mordecai Cooper '42, Chestnut Hill, Mass.; May 6. He was the former vice president of Bennett, Goding and Cooper, a Boston textile firm. He was a member of Amnesty International and the Nantucket Conservation Society. During World War II, he served in Italy and North Africa as an air traffic controller with the U.S. Army Air Force. Phi Beta Kappa. Survivors include his wife, Shirley, 209 Commonwealth Ave., Apt. 3B, Chestnut Hill 02167; three children; and two brothers, **Arthur** '40 and **David** '43.

Thomas Otten Paine '42, Brentwood, Calif., head of NASA during the Moon missions; May 4, of cancer. He joined the space agency as deputy administrator in 1968 and was named administrator in 1969. During his tenure, NASA launched seven Apollo missions, in which twenty astronauts orbited the Earth, fourteen flew to the Moon, and four walked on its surface. He resigned from the agency in 1970 to become a vice president and group manager at General Electric, where he had worked for twenty-five years before joining NASA. He then went to Northrop Corporation in 1976 and retired in 1982. In 1985, President Ronald Reagan appointed him chairman of the National Commission on Space, and he later served on the advisory commission on the Future of the Space Program and the Space Policy Advisory Board under President Bush. He was a submarine officer in the Pacific during World War II. Survivors include his wife, Barbara, of Brentwood, Calif.; and four children.

Norman Phillip Ross '42, Dallas, Texas; Sept. 4, 1990. He went to work for *Life* magazine in 1947 as a researcher, reporter, and writer and rose to the position of chief correspondent (London) in 1957. He was the founding editor of Time-Life Books in 1959. He left the company in 1970, when he became a visiting fellow in history at Yale. He served in the U.S. Naval Reserve during World War II. Survivors include his wife, Jean, 3005 Hanover St., Dallas 75225; and a son, **Jeremy** '76.

Ella P. Bagley '44, Hamden, Conn.; Feb. 20. She retired in 1975 after twenty-five years as a medical technologist at Quincy City Hospital, Boston. Among her survivors are two brothers and six sisters, including Mrs. Helen Anderson, 637 Circular Ave., Hamden 06514.

Marvin Earnest Humphrey '44, Oakland, Calif.; October 1988. He was president of Ferro Enameling Company in Oakland. There is no information regarding survivors.

Ormand Thomas Muzroll '44, Huntington, N.Y.; Oct. 3, 1990. He was vice president of purchasing for F.G. Shattuck Company in New York. He is survived by his wife, Hildeward, 7 Horizon Dr., Huntington 11743; and four children.

Hamilton Castner Albaugh, Jr. '45, Short Hills, N.J., a retired stockbroker; May 1992. He served with the 503rd Paratroop Regiment during World War II and participated in the retaking of the Philippines. He was captain of the Brown tennis team in his senior year. Survivors include three daughters and his wife, June, 144 Forest Dr., Short Hills 07078.

Donald Rettew Beittel '46, Cinnaminson, N.J.; Oct. 6, 1988. He was president of Bloomcraft, Inc., New York, a home furnishings company. He is survived by his wife, Alice, 301 Arbor Rd., Cinnaminson 08077.

William Leonard Cherlin '47, Mountainside, N.J.; May 5. He was employed by Prudential Life Insurance Company in Newark and is survived by his wife, Eileen, 1339 Outlook Dr., Mountainside 07092.

Carlton William Klaiber '47, Hartford, Conn.; Nov. 16, 1977. He was general manager at Associated Engineers, Inc., Springfield, Mass. He is survived by his son, Mark, 325 Halladay Ave. W., Suffield, Conn. 06078.

Jean Brickley Brophy '48, Narragansett, R.I.; March 26. Survivors include five children and her husband, Leonard, 17 Fox Dr., Narragansett 02882.

Margaret Gray Esten '48, Plymouth, Mass.; April 28, of cancer. She was employed for many years as a registered nurse in Rhode Island and Connecticut. She then retired from Connecticut Mutual Life Insurance Company in 1982, where she had been in charge of licensing agents. She is survived by her husband, **Douglas** '48, 21 Jesse Brook Rd., Plymouth 02360; and three children.

Robert Edward Osborne '48 Ph.D., Petitediac, New Brunswick, Canada; Sept. 24. He taught Spanish at the University of Connecticut, Storrs. He is survived by his wife, Ruth, R.R. #5, Petitediac E0A 2H0.

Elsie Marsh Roberts '48, '51 A.M., East Providence, R.I.; May 4. She was a teacher in the Barrington, Lincoln, Woonsocket, and Providence school systems for fifteen years before retiring in 1967. She had previously been a secretary for the American Textile Company, Pawtucket, R.I., for seventeen years. She is survived by her daughter, **Elaine Roberts Doull** '48, 200 Pleasant St., Rumford, R.I. 02916.

William Henry Foust '49, Santa Cruz, Calif.; May 30, 1991. He was a retired stockbroker with Dean Witter Reynolds, Inc. and is survived by his wife, Dorothy, 2435 Felt St. #18, Santa Cruz 95062.

Col. Harold Read Sinclair '49, USAF (Ret.), Asheville, N.C.; April 10. He was a retired personnel officer at the Directorate of Civil Service Air Force Civilian Personnel, Washington, D.C. Survivors include his wife, Mary Jane, P.O. Box 8516, Asheville 28804; and three children.

Vardkas Hightaian '50, Falls Church, Va.; Feb. 24. He was a practicing attorney in Worcester, Mass., from 1955 to 1968, prior to joining the U.S. General Services Administration in Washington, D.C., as a senior trial attorney. He retired in 1986. He was a Navy pilot during World War II and retired as a lieutenant commander, having received numerous medals and citations. Survivors include his wife, Josephine, 3705 South George Mason Dr., Falls Church 22041.

Rita Silberberg Ulrich '50, Englewood, N.J.; Dec. 7, 1989. She was a teacher and family therapist at Bronx Lebanon Hospital Center in New York. Survivors include her husband, Murray, 77 Chestnut St., Englewood 07631; two sons; and a daughter, **Stefanie** '84.

William Walter Golden, Jr. '52, Alexandria, Va.; Feb. 1. He was associate manager at Hirsch & Company, Inc., Washington, D.C. There is no information regarding survivors.

The Rev. **Donn Russell Brown** '54, Narragansett, R.I., interim rector of the Church of the Ascension, Wakefield, R.I.; May 19. He was chaplain and an instructor at St. Anne's School, Arlington, Mass., from 1975 until retiring in 1978. Before that he served as rector of Episcopal churches in Ayer, Mass., and Foster, Pascoag, and Pawtucket, R.I. He was active in the Galilee (R.I.) Mission for Fishermen and the Massachusetts Ecumenical Cursillo Movement. He was an Army veteran of the Korean War. Survivors include his wife, Nancy, 44 Sassafras Tr., Narragansett 02882; and seven sons.

Wallace Wheaton Read '54, Foxboro, Mass.; May 12. He was a director and senior engineer at Fay, Spofford & Thorndike, Inc., a consulting engineering firm in Boston. He is survived by his wife, Carol, 142 Oak St., Foxboro 02035.

Carol Fanning Bartone '56, Providence; April 18. She was a member of the St. Vincent de Paul Society and a teacher of Christian Doctrine. Among her survivors are three brothers and four children, including Susan, 2 Tobey St., Providence 02909.

Arthur Charles Cote '60, Gambrills, Md.; March 6. He was an electrical engineer for the Westinghouse Corporation for several years before retiring because of illness. He was an Air Force veteran of the Korean War. Survivors include his wife, Maria, 937 Autumn Woods Dr., Gambrills 21054; and three children.

G. David Dryburgh '63, Greenwich, Conn.; November 1989. He was an analytical chem-

ist with Matheson Gas Products Company, Lyndhurst, N.J. He is survived by his mother, Mrs. Margaret Dryburgh, 6 Weavers Bill #6D, Greenwich 06831.

V. Guy Moreau '63 M.A.T., Pawtucket, R.I.; April 28. He was chairman of the foreign language department at Portsmouth (R.I.) High School for fifteen years and the principal for five years, before retiring in 1980. After retiring from education, he was a title search verification worker for the Commonwealth Land Title Insurance Company in Providence. He taught oral language fluency to Peace Corps volunteers, and while serving in the Army was an instructor in the Signal Corps. He was a past president of the Rhode Island Philatelic Society, and, while a member of the Slater Mill (Pawtucket, R.I.) Historical Society, coordinated its bicentennial stamp program in 1990. He was a past president of the Rhode Island Foreign Language Association and a member of the board of directors of the National Education Association of Rhode Island. Survivors include his wife, Anita, 44 Slater Park Ave., Pawtucket 02861; and three children.

Fredric Alan Strom '70, New York, N.Y.; date of death unknown. He was acquisitions editor at Clark Boardman Company, Ltd., in New York. There is no information regarding survivors.

Bruce David Handelsman '75, Owings Mills, Md.; March 9. He is survived by his parents, Dr. & Mrs. Jacob Handelsman, 2305 Logan Rd., Owings Mills 21117.

Kathy Zuercher Ghosh '88, Plainsboro, N.J., an environmental engineer for Environ, Princeton, N.J.; May 16, at the Memorial Sloan-Kettering Cancer Center, New York. After graduating, she was a Peace Corps volunteer in the Philippines for two years, teaching fish farming as a source of food supply. While at Brown, she was a volunteer in the South Providence Land Trust and the Providence School Outreach Program. She was a member of the Females in Engineering Society. Survivors include her husband, Rinko Ghosh, whom she married last December; and her parents, Mr. & Mrs. Robert A. Zuercher, 3 Puritan Dr., Warwick, R.I. 02888.

B

Finally...

By James P. Cullen '92 Ph.D.

A shared culture

In December 1962, the distinguished Brown historian Carl Bridenbaugh, who passed away earlier this year, gave a speech as president of the American Historical Association. Surveying the enormous changes in American life that had occurred in the previous 100 years, Bridenbaugh wondered how – and even if – American society would continue to support history as a useful branch of knowledge.

Bridenbaugh explained his concern in a way that is of considerable interest to me. "Today," he told his fellow historians, "we must face the discouraging prospect that we all, teachers and students alike, have lost much of what [an] earlier generation possessed: the priceless asset of a shared culture. . . .

"Many of the younger practitioners of our craft, and those who are still apprentices, are products of lower-middle-class or foreign origins, and their emotions not infrequently get in the way of historical reconstructions. They find themselves in a very real sense outsiders on our past and feel themselves shut out. This is certainly not their fault, but it is true. They have no experience to assist them and the chasm between them and the Remote Past widens every hour."

In the very month Bridenbaugh gave this speech, I was born in New York City, the product of lower-middle-class and foreign origins. My maternal grandfather immigrated from Italy at the turn of the century; my paternal grandmother, of Irish descent, was raised by an older sister in a lower Manhattan teeming with Catholics and Jews from southern and eastern Europe, earlier Irish arrivals, and other immigrant groups. Alcoholism, petty crime, and economic struggle loomed large in the lives of these people.

My parents, who grew up in the shadow of these problems, married in

1961 with a firm conviction that their children should have better lives. My father became a New York City fireman; my mother was able to quit her job in retail sales for a while, in part because blue-collar labor could then support families far more effectively than much white-collar work can today. With a degree of commitment I find ever more remarkable as I grow older, they were able to see that both of their children received Ivy League educations.

They didn't do it alone, of course. Such an achievement was only possible with the active intervention of schools such as Brown, as well as the state and federal governments, which provided loans, grants, and work/study programs that financed my own and my sister's educations. For this reason, I always react with bemusement when people talk about government as the problem, and not as the solution, to the challenges facing us today. In my work here at Brown, I have come to conclude that, whether in tax breaks or giveaways to promote business, legal intervention to insure civil rights, or aid in helping people like me to receive an education, government has long been part of many solutions in American life. I can't help but feel it can play that role again.

As I receive my Ph.D. today, I may appear to be proof that Bridenbaugh's worst fears have been realized. But I believe at least some of his anxieties were misplaced. History seems alive and well; in certain respects, it is more so than ever before. And yet I find myself in sympathy with at least one of his concerns: what he calls "the priceless asset of a shared culture." By shared culture, I suspect the Brown professor really meant *his* culture, the white, Anglo-Saxon Protestant male culture with which he was so intimately familiar. That culture means a great deal to

me as well, but so do many others.

Even those of us only passingly acquainted with the vagaries of academic life are no doubt aware of the controversies on campuses today over who – and what – should be studied in classrooms. In my work in the English, history, and American civilization departments at Brown, I have been a regular participant in these debates. I have emerged strongly sympathetic to the concerns of those groups whose cultural heritages have been historically marginalized, as indeed mine once was.

In the end, however, I do not consider myself a multiculturalist. Rather, I wish to affirm the *intercultural* dimensions of American life, the priceless asset of a truly shared culture. In my studies of popular music, for example, I have been deeply amazed and moved by the ways a European musical scale was adopted and altered by African rhythmic, percussive, and vocal traditions to create the utterly new, and distinctively American, forms of gospel, blues, jazz, country, and rock 'n' roll. Similar patterns can be seen in art, literature, and other areas of our culture as part of an ongoing dialectic of similarity and difference within the United States and its relationship to the rest of the world.

A good deal has changed at Brown and elsewhere in the thirty years since Carl Bridenbaugh gave his speech. Yet something fundamental has not – something that he, I, and many of you continue to share: a belief in the power of education to transform lives. I stand here today at the pinnacle of a ladder that I began climbing as a child, and I am very grateful for this opportunity to publicly thank my parents, Brown University, the wife I met here, and this country for the great gifts they have bestowed on me.

Yet I end with a plea that the commitment made to me be made to others like – and perhaps more importantly, *unlike* – me. Only then will the fragile, incomplete, but still meaningful American Dream continue to be a reality.

Jim Cullen received his Ph.D. in American civilization in May. He delivered these remarks to the Graduate School Convocation on Commencement morning. A freelance writer whose work has appeared in Rolling Stone, Newsday, and the Providence Journal, Cullen will remain in Providence while his wife, Lyde Cullen Sizer, finishes her Ph.D. in history. The couple are expecting their first child in August. B

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