

# Washington

FALL 1995

WASHINGTON · UNIVERSITY · MAGAZINE · AND · ALUMNI · NEWS



THE PRIMATES OF  
PROFESSOR JANE PHILLIPS-CONROY



## Move-in Days

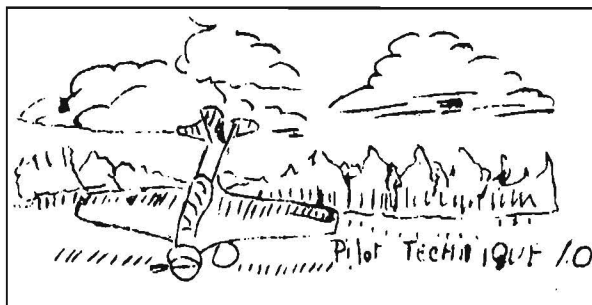
Saturday or no, Chancellor Mark S. Wrighton's first day in office on July 1 found him in his office, unpacking boxes he had sent ahead from Boston to North Brookings Hall. On Monday morning (see photo, above), he had only a few cartons to go. By day's end,

his files and books were in place, a bowl of mini-Hershey bars was on his desk, substantial business had transpired, and Washington University's new chancellor was ready to take his son to Fair St. Louis on Tuesday to celebrate the Fourth.

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**Cover:** Anthropologist Phillips-Conroy, shown with hamadryas baboons at the St. Louis Zoo, studies this and other species in the wild (see page 10). Photo by Joe Angeles.

**Right:** The personal log of David Hughes, A.B. '42, describes learning to fly during World War II (see page 14). Drawing by the pilot.

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Bread-basket of St. Louis. (See page 32.)



**Dean Stuart Greenbaum** (right) talks with Professors Nick Baloff and Russ Roberts (left to right) and MBA students Harold Citron and Tim Salmon at the dean's welcoming reception in May 1995.

## Stuart Greenbaum Named Business School Dean

Stuart I. Greenbaum, associate dean of the J.L. Kellogg Graduate School of Management at Northwestern University from 1988 to 1992, was named dean of the John M. Olin School of Business. Greenbaum has served as director of the Banking Research Center at Kellogg since 1976.

Greenbaum assumed the post on July 1, succeeding acting dean Lyn Pankoff and Robert L. Virgil, who served as dean from 1977 to 1993.

Greenbaum, Norman Strunk Distinguished Professor of Financial Institutions at Kellogg, is a highly regarded teacher and researcher in banking and finance. He has published two books and more than 75 articles in professional and scholarly journals. He is founder and managing editor of the *Journal of Financial Intermediation* and has served on the editorial boards of eight other academic journals.

"I see my job as extending the great unfinished work of my predecessors and supporting the efforts of our new chancellor," says Greenbaum. "I think the institutional challenge boils down to this: to teach mastery and leadership, and to practice what we teach."

Greenbaum received his doctorate in economics from The Johns Hopkins University in 1964, and his bachelor's degree in economics from New York University in 1959. He and his wife, Margaret Elaine Wache Greenbaum, A.B. '60, have two children.

## '95 Grad Invents Cystic Fibrosis Device

Kraig Kirkpatrick, M.D. '95, has invented a sonic device to clear the airways of cystic fibrosis patients. His work, begun while he was a student in the School of Medicine, was described in a May poster presentation at the

American Thoracic Society/American Lung Association International Conference in Seattle, Washington.

Cystic fibrosis patients must dislodge mucus from their airways several times a day; the standard method is manual percussion, during which a respiratory therapist repeatedly strikes a patient on the back to loosen phlegm.

Kirkpatrick's method uses low-frequency sound waves to resonate the airways and shake off the mucus. His sonic percussion prototype consists of a plastic board, two speakers on stands, acoustic mufflers, a power amplifier, and an audio oscillator. A patient lies on the board as speakers direct sound waves to the chest for 20 minutes.

The treatment appears as effective as manual percussion when combined with deep breathing and spontaneous coughing. Kirkpatrick will continue testing the device as a resident in radiology.

## Vietnam Veterans Show Higher Mortality Rates

Preliminary results of a study conducted at the School of Medicine reveal a high mortality rate among Vietnam War veterans, especially for those who were drug users while in the service. The study's researchers, led by principal investigator Rumi Kato Price, research assistant professor of epidemiology in psychiatry, say these results indicate the enduring impact Vietnam has had on many soldiers.

The study compared the death rates of three groups: male veterans whose drug use was confirmed by a drug test when they were coming home; returning veterans whose drug tests did not reveal recent drug use; and civil-

ian controls of similar age and background. Researchers found that the cumulative death rate for these men, now mostly in their mid-40s, is almost four times higher among Vietnam veterans who tested negative for drugs than among men of similar age who did not go to Vietnam. In addition, the death rate among drug-positive veterans is more than nine times higher than that of the civilian controls.

### Student's Practicum Unites Neighborhood

Natalie Clapp, M.S.W. '95, was looking for a field study practicum that would be both challenging and rewarding. She found such a project in her effort to get residents of a particularly blighted



**Natalie Clapp, M.S.W. '95,** with neighborhood improvement project participants.

block of homes in Midtown St. Louis to work together to improve the neighborhood.

Undeterred by boarded-up buildings, vacant lots that served as garbage dumps, drug houses, and gang graffiti, Clapp surveyed community leaders, business owners, and residents and then developed a list of needs and concerns. She began working with the neighborhood's Central West End Association to implement her

plans. She was able to establish a summer youth program featuring basketball games, a litter brigade, swimming parties, and field trips to St. Louis' Kiel Center. She also encouraged adults to volunteer to conduct a study program for children.

### Ann Rubenstein Tisch Establishes CBS Student Internship Program

Washington U. College of Arts and Sciences students now have the chance to go behind the scenes at CBS headquarters in New York, thanks to Trustee Ann Rubenstein Tisch, A.B. '76. Tisch has established an internship program in which seniors in the College of Arts and Sciences can serve as full-time news interns under Eldra Gillman, manager of professional advancement and internship at CBS News.

Last summer, seven student interns participated in the program—six working at CBS and one working at ABC (also arranged by Tisch). Tisch herself worked as an NBC news correspondent from 1984 to 1991, occasionally filling in for Jane Pauley on the *Today* show. From 1979 to 1984 she was an anchor/reporter for WCCO-TV, a CBS station in St. Paul-Minneapolis, Minnesota.

The program's campus coordinators are Warren Davis, assistant dean in the College of Arts and Sciences, and Nancy Sutherland, career counselor in the Career Center. They look for students who have strong writing skills and have shown an interest in journalism; students of all backgrounds are encouraged to apply. Those interested in learning more about the internships may call Davis at (314) 935-6806 or Sutherland at (314) 935-4613.

### Centennial of First WU Doctorate Observed

In May 1895, Anna Isabel Mulford became the first person ever to receive a doctorate from Washington University. A student of the Henry Shaw School of Botany, in conjunction with the Missouri Botanical Garden, Mulford came to St. Louis in 1889 to study under Botanical Garden director William Trelease. Her dissertation subject was the plant genus *Agave* (known as century plants), and she made extensive general specimen collections in Idaho in 1892 and in the southwestern United States in 1895. Mulford's Idaho collection comprised almost 1,100 plants, including four new species named after her.

Mulford was born in 1848 in East Orange, New Jersey. She graduated from State Normal School in Trenton, New Jersey, in 1883, and in 1886 earned both her A.B. and A.M. degrees from Vassar College, in Poughkeepsie, New York. After receiving her doctorate, she taught in St. Louis and was president of the Engelmann Botanical Club in 1902. She died in 1943 in East Orange.

Mulford's handwritten dissertation, *A Preliminary Study of the Agaves of the United States*, is part of the University Archives collection.





## WU's Newest College Songs Premiered

The two winning songs from a recent competition launched by the University's Chamber Choir received their world premieres by the choir on April 30, during the fifth annual Chancellor's Concert in the Saint Louis Art Museum Auditorium in Forest Park.

*Our Dear Washington* and *Fight for Washington*, both composed by Chris Tess, A.B. '93, are the University's newest sentiment-

tal song and fight song. The two songs will be added to the University's official songbook—joining the *Alma Mater* and other chestnuts. Amazingly, the songbook was updated last in 1922.

Competition judges were John Stewart, associate professor and head of the vocal music program in the music department; David Truman, a third-year law student and president of the choir; Matthew Cooper, assistant director of the choir; Dolores Pesce, associate professor of music; and John Lawless, A.B. '64, a member of the National Council for the Faculty of Arts and Sciences.

## Washington People

**Bernard Becker**, professor emeritus and head of the Department of Ophthalmology and Visual Sciences in the School of Medicine, has received both the Helen Keller Prize for Vision Research and the Mildred Weisenfeld Award for Excellence in Ophthalmology at the annual meeting in May of the Association for Research in Vision and Ophthalmology.

**Carl Bender**, professor of physics in Arts and Sciences, has been awarded a Fulbright grant to lecture and conduct research in mathematical physics at Imperial College, London, during the summer and the 1995–96 academic year. He also was awarded a distinguished Lady Davis Fellowship to teach and conduct research at Technion-

Israel Institute of Technology in Haifa, Israel, in fall 1995.

**W. Edwin Dodson**, professor of pediatrics and neurology in the School of Medicine, was elected in May to a two-year term as president of the Epilepsy Foundation of America, which serves a network of affiliated epilepsy organizations in 125 U.S. cities.

**Stanley J. Korsmeyer**, professor of medicine, pathology, and molecular microbiology, was elected to the National Academy of Sciences, considered one of the highest honors that can be given to a U.S. scientist.

**Samuel A. Wells Jr.**, Bixby Professor of Surgery and head of the Department of Surgery, has been elected to a one-year term as president of the American Surgical Association at its 115th annual meeting in Chicago.

## School of Art Dedicates the Weitman Gallery

The School of Art honored retired Washington U. photographer Herb Weitman, B.S.B.A. '50, by dedicating the Weitman Gallery of Photography during a March 30 reception at the School's Lewis Center.

Weitman, the University's main photographer for more than four decades, retired last spring as director of Photographic Services. The gallery will be used to showcase photography by students and alumni. A committee of art school alumni, many of them former students of Weitman, are raising funds for an endowment to be called the Weitman Photography Fund.

## Center to Train in STD Prevention

The School of Medicine will play a leading role in training health-care professionals to detect, treat, and prevent sexually transmitted diseases (STDs) by helping establish the regional St. Louis STD/HIV Prevention Training Center.

The project is being funded by a five-year, \$2.1 million grant from the Centers for Disease Control. The grant was awarded to the St. Louis County Department of Health, in partnership with the School of Medicine and the City of St. Louis Department of Health and Hospitals.

The School of Medicine will receive \$1.48 million of the grant to establish and maintain training center operations, according to Bradley Stoner, assistant professor of medicine and anthropology, and the project's medical director.

**Edison Theatre**  
1995-96 Season

**OVATIONS!**

*STOMP\** (Sold Out)  
Fri.-Sat., Sept. 22-23

*Maureen McGovern & The Duke Ellington Orchestra*  
Conducted by Mercer Ellington  
Sat., Sept. 30

*Inti-Illimani*  
Fri., Nov. 17

*Stephen Petronio Dance\**  
Fri.-Sat., Dec. 1-2

*Needles and Opium*  
By Robert Lepage  
Fri.-Sat., Jan. 19-20

*K Impressions of The Trial by Franz Kafka*  
Adapted/directed by Garland Wright; presented by The Guthrie Theater  
Thurs.-Fri., Feb. 1-2

*The Joshua Redman Quartet*  
Fri., Feb. 9

*Black Light Theatre of Prague in Peter Pan*  
Fri.-Sat., Feb. 16-17

*MOMIX in Baseball\**  
Fri.-Sun., March 15-17

*Mark O'Connor with special guest Vassar Clements\*\**  
At The Sheldon  
3648 Washington Ave.  
Fri., March 29

*Camerata of the 18th Century*  
Sat., April 27



*Inti-Illimani interweave voice and 30 other instruments to make music ranging from Stravinsky to Salsa to ballads. Nov. 17.*

**Stage Left**

*Jordan: One Woman's Journey*  
By Anna Reynolds  
With Moira Buffini  
The Dark Horse Theatre Company (London)  
Fri.-Sun., Nov. 10-12

*Guy Klucevsek*  
Solo accordion  
Sat.-Sun., Jan. 27-28

*Rinde Eckert in The Idiot Variations*  
Fri.-Sun., March 1-3

**ovations! for young people**

*Rockapella*  
Sun., Oct. 1

*Rhythm in Shoes*  
Sun., Oct. 15

*MOMIX in Excerpts from Baseball\**  
Sat., March 16

\* Co-sponsored by Dance St. Louis  
\*\* A co-presentation with The Sheldon

**Performing Arts Department**  
1995-96 Season

*Dance Close Up*  
Fri.-Sat., Sept. 15-16

*The Servant of Two Masters*  
By Carlo Goldoni  
Fri.-Sun., Sept. 29-Oct. 1,  
Oct. 6-8

*Marat / Sade*  
By Peter Weiss  
Fri.-Sun., Nov. 3-5, 10-12

*Stories from Generation X (Y, Z...)*  
Created by Joan Lipkin and Annamaria Pileggi in collaboration with students at Washington University  
Wed.-Sun., Nov. 29-Dec. 3

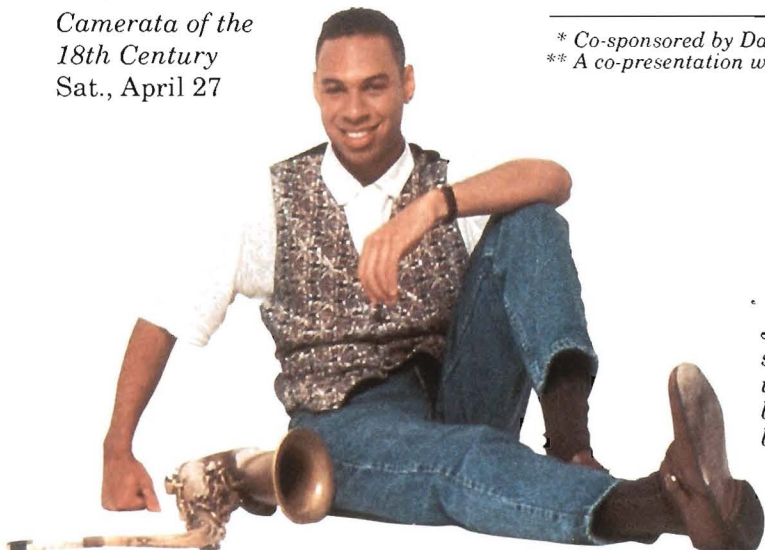
*Washington University Dance Theatre*  
Fri.-Sun., Jan. 26-28

*The Double Inconstancy*  
By Pierre Carlet de Marivaux  
Fri.-Sun., Feb. 16-18, 23-25

*Romeo and Juliet*  
By William Shakespeare  
Fri.-Sun., April 12-14, 19-21

*A.E. Hotchner Student Playwriting Competition*  
Premiere performance of winning play by a Washington U. student  
Thurs.-Sun., April 25-28

**For more program and ticket information, please call the Edison Theatre box office at (314) 935-6543.**



*Joshua Redman serves up original works, classic jazz ballads, and the blues. Feb. 9.*



## William H. Gass Portrait Unveiled

Widely acclaimed author William H. Gass, the David May Distinguished University Professor in the Humanities and director of the International Writers Center, was honored in February with the installation of this portrait in the John M. Olin Library. This year also marks the publication of Gass' novel *The Tunnel*, a 26-year creative endeavor by Gass, who has written two other novels, three books of essays, and a collection of short stories.

## AIDS Study to Focus on Exercise and Growth- Hormone Therapy

Researchers at the School of Medicine have received a \$1.1 million grant to study the effects of exercise training and growth-hormone treatments in HIV-positive patients. The four-year grant comes from the National Institute of Diabetes, Digestive, and Kidney Diseases.

Principal investigator Kevin E. Yarasheski, research assistant professor of medicine, said the study's researchers will attempt to learn why so many AIDS patients lose weight and muscle, and they hope to discover if resistance exercise or growth hormone therapy can prevent the protein and muscle wasting common in AIDS patients.

The investigators will work with 100 HIV-positive patients; patients with muscle wasting will either exercise or will receive growth hor-

none. No proven therapy now exists, but the investigators believe such interventions might help prevent or delay the wasting process.

## Hitzeman Honored with Search Award

Herbert F. Hitzeman Jr., B.F.A. '53, retired senior vice chancellor for university relations at Washington University, received the 1995 William Greenleaf Eliot Society Award at the society's annual banquet on April 11, held at The Ritz-Carlton St. Louis.

The award was made in recognition of Hitzeman's outstanding service to the University during his 24 years as a member of the University administration and for his continued association with the University since his retirement in 1990.

During Hitzeman's leadership of the advancement program,

Washington U.'s national and international visibility increased significantly. Hitzeman built the University's fund-raising program for more than two decades and guided Washington University through what at that time was the most successful fund-raising campaign in the history of American philanthropy.

Hitzeman joined the University's development staff in 1966. In 1983 he planned and directed the ALLIANCE FOR WASHINGTON UNIVERSITY campaign that was completed in 1987 with a grand total of \$630.5 million in gifts and commitments.

## Student's Short Stories Win Writing Awards

Ethan Bumas, A.B. '91, has received the Associated Writing Programs Award for Short Fiction for his first book, *The Price of Tea in China*, a collection of short stories published this year by the University of Massachusetts Press.

The competition was judged by short story writer and poet Grace Paley, who described Bumas' stories as "risky in their variety and generosity." William H. Gass, director of the International Writers Center, describes them as "the real rich original itself...they widen the mind as they delight the imagination." A May 7 book review in the *St. Louis Post-Dispatch* calls the collection "worth reading for the mastery of its prose. Anyone who appreciates good short stories will look forward to the future results of a promising career." Bumas is a doctoral candidate in English and comparative literature at Washington U.

Individual stories from the collection have also received awards.

# WASHINGTON BEARS

## New Bear Reflects WU's Own Athletic Identity

The 40-year-old athletic logo—the scowling bear in the sailor's cap—has been retired. Replacing it is a new, stronger, more bear-like image that is the culmination of four years of effort by a committee of alumni, students (both athletes and non-athletes), faculty, and staff. The new logo, which is being trademarked, features a partial profile of a bear head with the words *Washington Bears* as a backdrop. The bear head by itself and a full-bodied bear also are official athletic logos.

The design concept came from Warren Pottinger, B.F.A. '93, who as a student made sketches that he refined on the computer using feedback from the committee. Stacey

Harris, B.F.A. '88, made further refinements. "The project was a labor of love for Warren," says committee chair Justin Carroll, dean of student affairs. "With the old bear, that Washington U. tie-in didn't exist."

Another problem with the outgoing version was that it was based on logos of other colleges that share the nickname, and it too closely resembled the U.S. Coast Guard Academy's symbol, right down to the frown and the cap.

"Washington U. is strong enough in its own right to develop and create its own identity," said

John Schael, director of athletics since 1978. "Although we all have fond ties with the old bear, it was the right time to introduce a new character."

"As a former student-athlete, I am fond of the old logo," says Mitch Margo, president of the University's W Club. "But with the modern renaissance of Washington U. athletics, it was time we came up with this new identity."

## Athletics Program Boasts Record Year

It was a record-setting school year for Washington University's athletics program in 1994-95 as the Bears captured nine University Athletic Association (UAA) titles—a league record.

Washington U., along with the University of Rochester, held the previous single-year mark of

seven. Rochester won its seven UAA titles in 1987-88, the first year of UAA competition, while the Bears captured seven UAA crowns in 1989-90.

The Bears took home league hardware in football, women's volleyball, men's soccer, women's cross country, women's basketball, men's basketball, men's outdoor track and field, women's track and field, and baseball.

In addition, four Washington teams were invited to NCAA Division III postseason tournaments, with the Bears' volleyball squad winning their fourth consecutive national championship.

The future looks bright for 1995-96 as several teams welcome back top student-athletes. This fall, Larry Kindbom's football squad, seeking its fifth winning season in six years, returns 18 starters. Ty Keough will have seven men's soccer starters back, including all-region honorees

Justin Reed and Scott Engroff.

Teri Clemens and her volleyball Bears, including All-America Shelley Swan, are primed for a fifth consecutive NCAA title. Incoming cross country coach Rich Schilling gets a welcome-aboard present with the presence of All-America Jerylin Jordan. And Doug Hippler's women's soccer team, which closed 1994 on a 5-2-1 tear, graduated just one senior.



Warren Pottinger



Women's volleyball team members Emmy Sjogren (l.) and Shelley Swan.

• LASTING •  
LESSONS

**W**ashington University's superb teachers have changed the lives of the many students who have learned from them. Here, three alumni describe faculty whose lessons will last a lifetime.

**Harry W. Jones (1911–1993)**

**Assistant Professor of Law**

"Harry Jones was an excellent—and I mean *excellent*—professor. He knew how to teach and get his subject across. He got results.



"He was outgoing, and yet he had a thoughtful manner. I believe he was the youngest professor on the law faculty at that time, and he related easily to the students. He had the knack of eliciting comments from all the students—it was a very participatory classroom.

"I also had the opportunity to work closely with Harry Jones when I became editor of the *Law Quarterly*. I was a neophyte—only 21 years old—and I appreciated his shoulder. He taught me a great deal.

"He was just a great guy—personable and easy to know and like. A delightful man."

**Fred L. Kuhlmann, A.B. '38, LL.B. '38**, is former vice chairman of the board, Anheuser-Busch Companies. He is National Vice Chair of Organizations for the School of Law's Building for a New Century Campaign. Now retired, he lives in St. Louis.

**Jeffrey Pike**

**Professor of Art**

"I credit Jeff Pike with shaping me into a professional.

"He made me acutely aware of the value of *concept*, an element that puts illustration into higher gear. Concept moves illustration from the rather passive state of simple re-creation into active visual metaphor, visual commentary, visual statement.

"Pike shows his students that an illustrator is an artist who works both with the mind and the hand. That is a double challenge that doubles the artist's and the viewer's satisfaction when the artwork is successful.

"I also admired his ability to find promise in every student's effort—including the ones I initially dismissed to myself as hopeless when I was a bystander during the crits [periods in which the professor comments on each individual's work in the presence of the class]. I quickly learned from Pike not to be arrogant like that.

"Demanding, challenging, funny, analytical, no-nonsense, corky at times, Jeff Pike created with this mixture a sense of excitement around every project. It mattered immensely to me whether he liked and approved of my effort, or not.

"To a degree, I am still seeking Pike's approval: I faithfully send him my tearsheets, but I instinctively eliminate certain pieces that I feel might disappoint him!"

**Adam Niklewicz, B.F.A. '89**, is an award-winning illustrator in New York City whose work regularly appears in publications such as *Newsweek*, *Time*, *The Atlantic Monthly*, and *The New York Times*, and in various professional publications including the *Society of Illustrators Annual* and the *American Illustration Annual*.



**Burton M. Wheeler**

**Professor of English,  
Arts and Sciences**

"Burt Wheeler will always be Dean Wheeler to me. I first knew him when he was dean of the College of Arts and Sciences [1971 to 1978] and I was a Mylonas Scholar [a recipient of the George E. Mylonas Honorary Scholarship in the Humanities]. He seemed to be the ideal of an academic administrator, with a sense of duty and honor and service to the community, whose integrity—and good judgment—everyone recognized and respected.

"Dean Wheeler did something for me that changed my whole sense of myself. I had been nominated for a Rhodes Scholarship and reached the finals, but I didn't get the scholarship. So I was in his office, talking about life, and he read me the letter he had written to the Rhodes committee. He got past my academic achievements in one sentence, saying they were obvious; the rest of the letter described

specific aspects of my character. It was very good for me, because all through school I had been completely focused on my grade point average and on being a smart

kid—and then suddenly to get this idea that people might see in me something other than a brain! The generosity of that. I was grateful for the cheering up at a difficult time, but when you consider that he was a dean, with a lot of people to deal with, and so many students who came and went...

"Burt Wheeler has done a lot of good at the University, and I could round up a whole batch of people from my class alone who would say that same thing—people who admired him enormously. And that was just my class."

**Elizabeth Knoll, A.B. '78**, has a doctorate in the history of science and is senior science acquisitions editor for *W.H. Freeman*, in New York City. She has recently moved to Boston.



# Maximize Your Retirement INCOME

ONE HUNDRED YEARS AGO,  
Robert S. Brookings shaped the future  
of Washington University and supported  
it through substantial planned gifts.  
Today, Planned Giving donors continue  
to strengthen the University through  
such popular options as the Charitable  
Unitrust illustrated here.

Their gifts are recognized through  
the Robert S. Brookings Partners.



Recognizing the Importance of Planned Gifts  
Washington University in St. Louis

The advantage is clear as to which option maximizes the retirement income from your appreciated securities.

Here is one example showing the benefits of a Washington University Charitable Unitrust.

<b>Assume</b> stock valued at	\$ 50,000
Stock purchase price	\$ 25,000
Dividend yield	2.5%
Holding period	more than one year

### Option A: Keep the stock.

**Your income from this stock: \$ 1,250**

### Option B: Sell the stock and buy bonds.

Selling price	\$ 50,000
Capital Gain	\$ 25,000
Federal Capital Gains Tax (28%)	\$ 7,000
Amount Remaining to Invest	\$ 43,000
<b>Your income from 6% bonds:</b>	<b>\$ 2,580</b>

### Option C: Benefit four ways from a Washington University Charitable Unitrust.

Donation to Unitrust	\$ 50,000
Capital Gain	\$ 25,000
✓ Tax on Capital Gain	\$ 0
✓ Amount for Unitrust to Invest	\$ 50,000
✓ <b>Your income from Unitrust at 6%:</b>	<b>\$ 3,000</b>
Federal Income Tax Deduction*	\$ 19,016
✓ Federal Income Tax Savings	\$ 5,895
Total Tax Savings	\$ 12,895
[tax on gain (\$7,000) + saving from deduction (\$5,895)]	

\*Donors—husband and wife—both age 70 at the 31% bracket. This plan works well for people over age 60. For people at younger ages the Deferred Payment Gift Annuity or a Term Trust are available.

For a personalized calculation or to learn more about the Robert S. Brookings Partners, complete the attached reply card or call the Washington University Office of Planned Giving at 1-800-835-3503 or 314-935-5848.

# “Field work is so wonderful!”



**“Monkeyshine” defined:**  
In Guyana, a pet capuchin monkey takes a shine to Jane Phillips-Conroy’s hat.

*Take it from anthropologist Jane Phillips-Conroy: the hassle and the hazards of research in the wild are far outweighed by the appeal of the animals, the fascination of remote areas, and above all, the importance of the inquiry.*

by **Brenda Murphy**

**W**hen biological anthropologist Jane Phillips-Conroy is asked to describe the challenges of conducting primate field research in remote and often politically unsettled regions of the world, she talks first about the pleasures. “People go skiing and risk breaking their necks all the time,” says Phillips-Conroy. “Field work is so wonderful. The animals are wonderful, the research is worthwhile, and the places are interesting. I want to see things not everyone else has seen.”

Interviewed recently in the urban environment of the School of Medicine, Phillips-Conroy in her flowing skirt seemed only remotely related to the rugged outdoors-woman whose photographs of wild baboons and monkeys line her office walls in the Department of Anatomy and Neurobiology. And when she first spoke of challenges, what topped her list is familiar to many colleagues in state-of-the-art laboratories.

“When you’re working on a decades-long research project, finding continuous funding is difficult,” says Phillips-Conroy, associate professor of anatomy in the medical school and neurobiology and anthropology in Arts and Sciences.

Of secondary concern to the scientist is that once she gets to a remote site such as Ethiopia’s Awash National Park, she may then be caught in the crossfire of feuding nomadic tribes, who periodically try to settle ancient disputes by traditional means.

## **Life in the Hybrid Zone**

The research that took Phillips-Conroy to Ethiopia has been underway since 1973, when as a graduate student at New York University, in New York City, she and her graduate adviser, anthropology professor Clifford J. Jolly, investigated hybridization between the Awash region’s olive baboons

*Photographs  
courtesy of Jane  
Phillips-Conroy*

(also known as anubis) and desert baboons (sacred, or hamadryas, baboons).

Anthropologists believe that the Awash baboons may represent an animal species that began but never completed the process of speciation. Phillips-Conroy and Jolly suggest that the division occurred when members of the ancestral population of baboons moved from the lush environments into more arid regions. Today, hamadryas baboons are limited to the more arid regions of Ethiopia, Somalia, Sudan, and certain areas of the Arabian peninsula. In response to the dry climate, the species developed into desert baboons. Had they remained separated geographically, the olive and desert baboons would have continued as two totally different species. Instead, they have come into contact with one another in several parts of Ethiopia, including the Awash region.

Both olive and desert baboons and their hybridized offspring are thriving in an area of Awash National Park known as the hybrid zone. "Our work in the hybrid zone gives us a better understanding of the evolutionary process," says Phillips-Conroy, whose research was featured on television's *Wild Kingdom* in 1983. "The same process that we're studying in baboons has certainly operated in the human lineage over time. Baboons are often used as a model to study the human population."

## Beyond Politics

Phillips-Conroy has visited the region nine times in 10 years to pursue her research on the Awash baboons, gaining access to the politically turbulent country through her visiting-faculty-member status at the University of Addis Ababa, in Ethiopia's capital. She returned to the country this summer with six graduate students. Three—Shimelis Beyene, Thore Bergman, and John Parks—attend Washington University; the others are from New York University. "We do have guards with us. The risks are no greater than in many areas in this country," she says. "I explain every situation to students. They decide whether to come."



**River of life:** Kereyou nomads, who sometimes serve as researchers' guides and guards, drive their camels to the banks of Ethiopia's Awash.



**Glimpses of Guyana:** At left, the Kaieteur Falls on the Potaro River; right, Amerindians near Annai make cassava bread with the help of their roof.

Graduate students, including former student Pia Nystrom, Ph.D. '92, and Ethiopian-born doctoral student Shimelis Beyene, have focused on behavioral studies of individual animals in the hybrid zone. Nystrom examined how olive and hamadryas males compete with each other for access to reproductive females, and Beyene's research, recently completed, focuses on what features females seem to find attractive when they select mates.

The two species have very distinct mating rituals. The male desert baboon is very possessive in his protection of a harem of up to nine females with which he mates, keeping them constantly with him and biting those who stray. These males are attracted to females whether they are young or old, estrous, or with a new infant. Unlike olive males, who guard their mates only during estrus, the desert male is continually attentive to his harem. This high interest may actually attract olive females to desert males when such males enter an olive group.

"Shimelis is studying olive females to determine what male traits they find attractive, because male baboons don't

rape female baboons," explains Phillips-Conroy. Such information will increase the anthropologists' knowledge of how the hybrid zone spreads, as they study biological traits passed on by both kinds of baboons to their hybrid offspring through physical observation and DNA research.

## "I Made the Mistakes"

Phillips-Conroy has had her share of close encounters with animals' natural behavior in the wild. In Tanzania, she was challenged by baboons who saw her carrying a bag of corn used for bait.

"We lure animals to our traps by feeding them, but [feeding] also heightens aggression in the animals," says Phillips-Conroy. "Three large male baboons stared, barked, and flashed their light-colored eyelids at me as a threat." So she would not appear to challenge them, she dropped the bag and stood motionless, looking down instead of into their eyes.

She used that tactic another time when she found herself surrounded by a group of 10 screeching female baboons after she inadvertently met the gaze of a juvenile

*The work is of great interest to researchers studying the spread of the human immunodeficiency virus.*

female, who felt threatened and screamed for help. "I've felt endangered only by people," Phillips-Conroy says. "I'm never really worried about the animals. I made the mistakes."

Phillips-Conroy, Jolly, and Jeffrey Rogers, now at the Southwest Foundation for Biomedical Research, in Texas, and then a doctoral student at Yale, were studying yellow baboons, which are closely related to the forms that are interbreeding in Ethiopia. Their research involved not only the population biology of the yellow baboons, but also, in collaboration with researchers at the New England Primate Center, the presence of antibodies to SIV in yellow baboons. SIV is a monkey virus similar to human immunodeficiency virus, or HIV. Phillips-Conroy and Rogers, together with their virologist colleagues, made the first observation of SIV in wild Tanzanian baboons. Although the Ethiopian baboons do not seem to be infected with the virus, the grivet monkeys that share the habitat with the baboons do have a high incidence of SIV. Phillips-Conroy and Jolly have shown that the virus is transmitted

## Linking Primates Past and Present

"If it were to open its mouth, this fuzzy, big-eyed creature would scare the hell out of you," says anthropologist D. Tab Rasmussen. The researcher was referring not to a living mammal but to his most recent fossil find: the complete skull of a 35-million-year-old prosimian in the Fayum region of Egypt. The discovery, made with his colleague Elwyn Simons, of Duke University, provides the scientific community with the earliest fossil evidence for modern prosimians, one of the three evolutionary lineages for primates.

Until now, Rasmussen said, "the origins of the modern prosimians have been a mystery. This find proves that

the evolutionary group that gave rise to modern prosimians was in the Fayum [an area north of Cairo and west of the Nile renowned for its fertile soil and archaeological resources] 35 million years ago."

Fossil evidence of the other lineages, anthropoids and tarsiers, already had been found in the region. Egypt thus is the only place in the world with evidence of all three branches of primates, which suggests that all primate groups evolved in Africa—and that the long-sought-after common ancestor linking humans and other primates may yet be found there.

Another first came with Rasmussen's find: fossilized evidence of a jutting prosimian "tooth comb" formed by the

lower incisors and canines. The comb was used for grooming. "The argument



**Found:** This toothy skull is an important piece of the primate puzzle.

in the literature has always been how difficult it would be to find a preserved tooth comb, but we have it," Rasmussen says. He adds that the nocturnal creature, *Plesiopithecus teras*, had a small

brain and a good sense of smell, ate plants and insect treats, and spent its time in trees to avoid being "scarfed by predators in a second." Details appeared late last year in *Proceedings of the National Academy of Science*.

— Tony Fitzpatrick

largely through sexual contact and rarely through bites. Mother-infant transmission is well documented for humans; however, Phillips-Conroy and Jolly have never documented that route of transmission in grivets. Thus, their work is of great interest to researchers studying the spread of the human immunodeficiency virus.

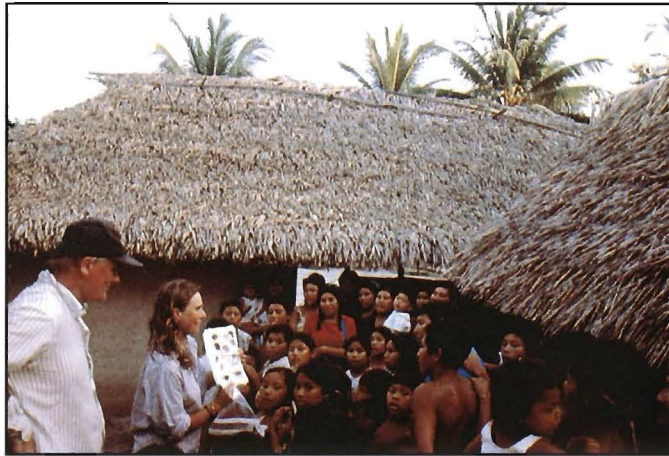
Pathogenic dangers are ever-present, of course. In Ethiopia, Phillips-Conroy contracted a severe case of viral hepatitis. In the tropical forests of Guyana, where she has done her most recent field work, the threat of malaria, cholera, typhoid, and amebic dysentery demanded numerous precautions.

### Growth, and Preservation Too

The Guyanese field research was the collaborative effort of Phillips-Conroy and Washington University Professor of Anthropology Robert W. Sussman, who had been one of Phillips-Conroy's professors at NYU. Sussman was instrumental in attracting both Phillips-Conroy and her husband, paleoanthropologist Glenn Conroy, to Washington U.'s School of Medicine in 1983 to teach gross anatomy. Increasingly, biological anthropologists are teaching the subject in prominent medical schools, Phillips-Conroy says.

Robert Sussman's earlier field research had been focused on lemurs, arboreal primates in Madagascar, a country with its own history of political unrest. When Guyana's president invited a delegation of St. Louisans to Georgetown to explore establishing friendly interactions in science, commerce, and the arts, Sussman invited Phillips-Conroy to join him. They visited Georgetown, Guyana, in late 1989 and established relations with both the Walter Roth Museum of Anthropology, in Georgetown, and the University of Guyana.

After securing funding from the National Science Foundation and the National Geographic Society, Sussman and Phillips-Conroy spent January and February of 1994 in Guyana conducting the first broad-scale survey since 1975 of the country's primates. They surveyed the density and distribution of eight primate species and suspect the presence of a ninth. Overall,



**Show and tell:** *Top, Schoolchildren in Rewa, Guyana, tell Jane Phillips-Conroy whether they've seen the monkeys she seeks.*

**In the "land of many waters":** *Above, Jane Phillips-Conroy surveyed rivers, banks, and trails in Guyana to locate primate populations.*

they found that a significant drop in group densities had occurred in the past 20 years; they ascribe that to increased hunting pressures and destruction of animal habitats. Washington U. graduate student Shawn Lehman is continuing

their research there.

The anthropologists' findings can play an important role in helping Guyana develop economically without great ecological harm. "The kind of international knowledge we have can be used in consultations," says Sussman. "We can help people get through to their government that they're better off to develop sensibly."

Washington University and the University of Guyana plan to establish a key field station for ecological research, graduate student training, and conservation efforts with indigenous peoples. "We don't want to be people who come into a country, do a study, and leave without giving anything back," Phillips-Conroy says.

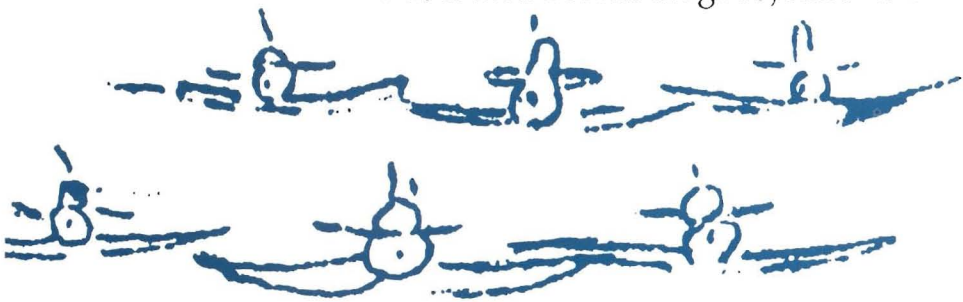
For this principled researcher, all the rewards of her work balance the risks. Another insight into Jane Phillips-Conroy comes from Robert Sussman: "Jane considers her field work a normal way of life. Inherent in that view is great inner courage." ■

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Brenda Murphy is a St. Louis-based writer.

# "The War Has Been

To many, World War II, which ended 50 years ago, will always be "the war." One who died in that war was David Ferrar Hughes, A.B. '42.



**T**he war that ended in 1945 profoundly affected members of the Washington University community and their families. University alumni went to war—5,723 in all; 150 lost their lives. Among them was David Ferrar Hughes, son of Arthur Hughes, professor of physics and department chair from 1923 to 1952.

During part of David Hughes' flight training at naval air stations in Pensacola and Jacksonville, Florida, and in San Diego, California, from April 18, 1943, to April 10, 1944, he kept what he called a personal log.

He ended his log on April 10, 1944, as he headed out to serve in the *Dive Bombing Squadron Twenty* on the *Essex* and the *Lexington*, and sent it to his close friend Jack Hunstein, B.S.B.A. '41, M.A. '46, with a note that read in part:

*I'm busy packing, and I don't have much time to write. I am sending you these two notebooks to keep for me. From time to time I have been putting down thoughts that come to me. They are fairly personal,... and I don't want them read unless I am dead or very thoroughly missing.*

*Just in case a slight possibility becomes a hard reality and old Hugo becomes one of the missing, I want you to send them to Mother and Dad.*

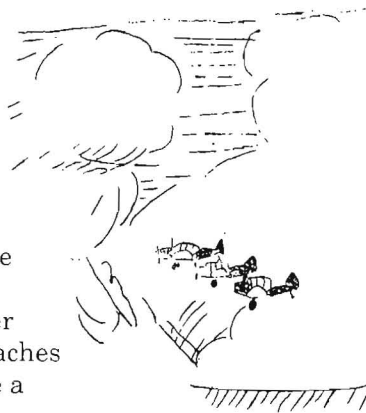
**April 18, 1943 + Palm Sunday** No matter what [squadron assignment] we get, there is some chance of getting killed—not enough to get on your nerves, but nevertheless a chance. Every now and then a plane spins in and kills its crew. It is partially for that reason that I am writing this notebook—to leave some thought behind me, and to let my parents know that I am very thankful for all they have done for me: for the 20 summers in Canada, for the year at prep school, for the fraternity, and for making such a nice family. For their sake I am sorry I did not go on in physics, but you can't be raised on *Kidnapped*, *Captain Blood*, *The Three Musketeers*, *Treasure Island*, and the like and not jump at a chance to learn to fly....

I am pretty sure the war has been good for me so far.... The war has been responsible for my learning to fly, to navigate, and it has taught me something about engines, about aeronautics, and naval history.... The war is giving me a \$26,000 education in aviation—something I never would have gotten in peacetime.

Don't think that I like or approve of war.... My benefits from the war are not remotely worth the suffering it is causing.

I think that even if I am due to be killed, it has been worth it to me to get this flying. Nothing I have ever done before approaches flying in giving me a thrill.

The other day the instructor took us up to 7,000 feet, where we flew in great, dazzling-white valleys. Sometimes we would be groaning up the side of some fleecy cloud at 105 miles per hour, and at other times we would be diving down through a hole in the clouds at 170—



# “Good for Me So Far...”



down to the cold gray world beneath the overcast.

Later on we flew through rain with lightning flashing not far away. In a picture show they would have used *The Ride of the Valkyries* or the *Prelude* to the Third Act of *Lohengrin* for background music....

**May 30, 1943** † Today I am 23 years old.... Twenty-three years ago I lay in a bureau drawer in a room of the maternity building of the Kingston General Hospital, Kingston, Ontario,... because of the overcrowded condition of said institution. For three years I lived in Kingston in a nice little stone house by the lake. Dad was a professor of physics at Queen's University....

After that, Dad got a position succeeding [Arthur Holly] Compton as the head of

**Wings of man:**  
“Nothing I have ever done before approaches flying in giving me a thrill,” wrote David Hughes, shown above. His personal log included the drawings reproduced on these pages.

the physics department of Washington University, St. Louis. My sister Elizabeth, better known as Epie, was born two years after I was, and Peter [B.S.B.A. '48] was born two years after Epie.... When I compare our family to some others I have known, I think that we were one of the happiest of the lot.... One of the greatest reasons for our happiness was our cottage in the Thousand Islands.

Eighteen miles east of Kingston [Ontario] there is a town of 2,000 people called Gananoqui. At Gananoqui, the St. Lawrence is nine miles wide. Ten miles further east it is only a mile and a half wide. In this funnel extending from Lake Ontario at Kingston to the point 28 or so miles further east there are roughly a thousand islands....

We had a cottage on a small island known as Apahaqui Island. Our cottage had the more or less euphemistic title of “The Oriole’s Nest.” Put together, it gave us a very romantic sounding address: The Hughes, The Oriole’s Nest, Apahaqui Island, Gananoqui, Ontario.

Dad would study every morning while Peter and Epie and I were kept far enough from his study to prevent his being disturbed....

We used to go on picnics with half the kids in the locality and various mothers and fathers. We made small boats for ourselves and in later years fooled with diving helmets.... I can still close my eyes and see the big pine tree in front of our cottage, dark green against a very blue sky. I can smell the varnished boats in the water and hear the waves lapping at their undersides.

It is the most beautiful place in the world. I’d like to buy an island and build a cottage and spend all the summers of my life there.

**June 25, 1943** † The government has persuaded Dad that he should do some work for them instead of teaching physics. He is leaving his 17-year-old job

for some secret government project. [Arthur Hughes had been appointed “official investigator” by the War Department’s Office of Scientific Research and Development to oversee some secret experiments using Washington University’s cyclotron. He was transferred to Los Alamos, New Mexico, where the Manhattan Project was underway, and served as assistant director from July 1, 1943, to September 15, 1944.] He can’t even tell me where he will be until he is definitely stationed there. Mother will stay in St. Louis until Peter goes into the Navy and until I come home on leave. In the meantime she will endeavor to sell the house and car.

When all that has happened, she will go to live with Dad. The big frame house at 7065 Waterman will no longer be the home of the Hughes family. The Hughes family itself will be spread all over the country: Epie at Corpus Christi with her ensign husband; Peter in the Navy somewhere; I in the Navy somewhere else, and Mother and Dad on the West Coast. After two decades of more or less static living, the family has broken up in nothing flat.

I know the other members of my flight better now. As far as flying goes,... I’m still an enigma. I don’t think I ever will find out whether I am a good, bad, or indifferent pilot. My gunnery grades were high, but that is no proof of my flying ability. I tilted that J up on its nose two weeks ago, but so have lots of others.

**August 4, 1943 † Jacksonville, Fla.**

On July 6, I became an Ensign (A-V (N)), USNR, qualified as a naval aviator and further qualified “to proceed on instruments in single engine aircraft.” I was given five days to get to Jacksonville for operational training. As soon as I could get out of Pensacola,... I caught a Pullman for St. Louis....

Dad is at his secret “Shangri La” in New Mexico. He and mother will not be allowed to leave it even to visit relatives ...And we relatives will not be allowed to visit them, so for an unknown length of

time all communication will be through that thin needle’s eye known as P.O. Box 1663, Santa Fe.

I was somewhat in love when I got to St. Louis and violently so when I left. Three dates with Jayne were all that were required. I certainly would like to get married if it weren’t for the work I’m doing....

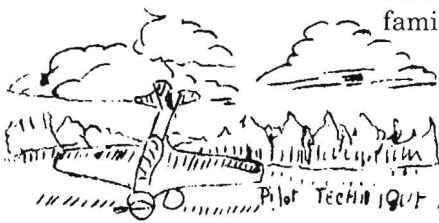
I arrived at the Jacksonville Air Station on July 12. I was sent out to Cecil Field the next day and have, except for liberties, been here ever since....

Most of the humor between fliers around here is slapstick in which crashing planes are substituted for custard pies. The other day Jackson (from Flt. 18 at Pensacola, now in Flt. 66 at Cecil) took off on the wrong runway.... At the same time a Beechcraft (SNB) took off on the right runway. Neither saw the other until the last minute. Then they both made climbing turns away from each other, missing each other by inches, and putting their planes in a dangerously slow, near-stall [condition]. Jackson is living on velvet today. I am living on borrowed time (ever since landing the wrong way). Every second person you meet has cheated death in some manner or other. Every tenth person is dead.

**August 5, 1943 †** Two days ago I walked into the room across the hall that belongs to Rosen and Hopkins...Rosen was in there very white-faced. He said, “My roommate is dead, you know.” Just like that. No expression on his face....

He had been joining up on Hopkins [at the beginning of a flight training exercise]. Apparently, just as Rosen was almost in position, Hopkins decided to turn to the left to shorten the rendezvous time. Hopkins suddenly turned right into... Rosen’s wing and rear section, killing Rosen’s gunner instantly with the propeller, and knocking the whole rear part of Rosen’s fuselage....

Both Hopkins and his gunner were killed. The plane—both planes—burned fiercely. Rosen...had landed knee-deep in a swamp and had run wildly around calling for Hopkins....



**August 30, 1943** † I was thinking today of how matter-of-factly we now take flying.... I am not sure, however, that I can analyze the thrill....

Today, for instance, there were six planes out over the ocean. It was one of those days that is called sunny on the ground but is called hazy by an aviator. We were about 30 miles from shore, but the shore was invisible through the slight haze. You couldn't see the horizon. All you could see was blue-ness, dark below, fading to lightness where the horizon should be and deepening to dense blue above.

In the center of that sphere of blue were six planes practicing the art of killing; one plane towing a target sleeve and five attacking the sleeve. Yet it was beautiful to watch. Six blue-and-white planes doing a fantastic ballet in the very center of a sphere of blue. It was all silent to the pilots. Pilots never seem to hear their planes.

The five planes took up a position above and to one side of the tow plane, flying in a perfect step-down echelon. For a few seconds the ballet was stationary, and then the first of the five planes seemed to hesitate. It leaned toward the target plane, leaned away again, and leaned back towards the target plane... and curved up and back to take its place at the end of the staircase echelon....

But before it had completed its aerial dance and returned to the chorus line, the second dancer had leaned this way and that and arced down on the target. It was as if five ballet princes were paying court in some strange dance to an unimpressed queen.

Nothing on the ground can touch a thing like that. The picture is so clean, six planes in a sphere of blue. You have to force yourself to realize that they are doing a dance of death; otherwise it is like some fascinating continuous motion which, like a fire, or a waterfall, or the

bow wave of a ship, one could watch for hours.

**April 10, 1944** † Well, we're finally going out. This will be my last entry in this semi-diary.... I'll be

glad to leave this place [the San Diego Naval Air Station].

If I slip up out in the Pacific, it will probably be my fault and not the Navy's. I still think that there is as much or more

chance of being killed by pilot error as there is of being killed by a Japanese bullet.

I would like to say again to my parents, thanks for a wonderful childhood. I have now a very great desire to marry the St. Louis brunette, if it turns out to be all right with her....

With that I'll close. I'm off to the wars. I am not sure how much patriotism there is in me; I am pretty certain that it's only a quest for adventure....

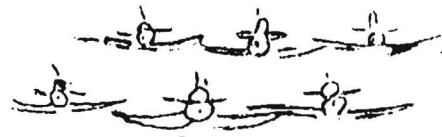
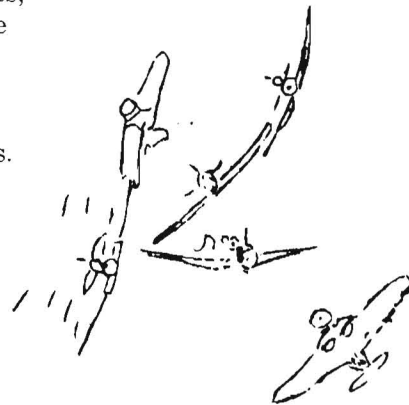
For the last time I say I'm going to close. I'll spend many an hour at sea daydreaming of the Thousand Islands and of the blue-eyed brunette.

† † †

*On January 16, 1945, on a long-range search mission accompanied by two Navy fighters, the flight was attacked by six Zeros off the coast of Hainan Island. David Hughes and one of the fighters were shot down; the other fighter was badly damaged. One fighter pilot was picked up by a submarine. Hughes was reported Missing In Action—a year later Presumed Dead. He was awarded the Distinguished Flying Cross and the Navy Cross "for extraordinary heroism...in action against units of the Japanese Fleet during the Battle for Leyte Gulf in the Philippines, October 25, 1944."* ■

— Mary Ellen Benson

Mary Ellen Benson is senior director of publications.



# The Intricate Fabric of *Freedom*

Tracing the threads in modern freedom's tapestry is a goal of a landmark project at the Center for the History of Freedom.

by Jim Russell



© Peter Back

Say the word “freedom,” and images abound: a flawed but venerable bell in Philadelphia; Liberty personified on a French coin; tanks, bullets, and tears in China’s Tiananmen Square; high spirits and a crumbled concrete wall in Berlin; and now the jarring memory of the price sometimes paid for freedom—the shattered Federal Building in Oklahoma City.

“Throughout history, people have always had to weigh their desire for liberty against their desire for order,” says Richard W. Davis, director of Washington University’s Center for the History of Freedom, founded in 1985. Davis and his colleagues at the Center are creating a one-of-a-kind, 18-volume history of modern freedom, from its 17th-century Western origins to its current global spread. The series, published by Stanford University Press, is called *The Making of Modern Freedom*; to date, eight volumes have been completed, including the recently released series introduction, “The Origins of Modern Freedom in the West.”

“Although this volume is really the introductory volume of the series, it was not commissioned until we were some way into the series and saw what we needed to address,” says Elisabeth W. Case, the Center’s house editor. Case says she works with the volume editors and contributors—a mix of seasoned and new historians, all of whom are outstanding scholars—“to help them do better what they’re doing” by editing the volume chapters for consistent style and length. “What we have in mind is to make the volumes more than a collection of essays,” says Case. “We want them to be more than the sum of their parts.”

The synergy of the series is its greatest asset, says David T. Konig, professor of history and member of the Center’s advisory committee, which meets once or twice a year to set forth the overall direction of series volumes and Center activity. “Contributors from totally different areas of history are brought together on a single question [for each volume], which is a very productive kind of fusion,” says

*The statue of Freedom atop the Capitol rotunda in Washington, D.C.*



*“Throughout history, people have always had to weigh their desire for liberty against their desire for order.”* Richard W. Davis

Konig. This fusion, however, does not result in a homogenous concept of what modern freedom is. “One of the insights we’ve found is that the word freedom means different things to many different people,” he says. “We’re emphatically not imposing any particular definition of the term.”

Because they are exploring modern freedom, scholars at the Center begin with the Western origins of personal liberty revealed in major events and documents. “We start, for example, with the first crisis in modern freedom: the struggle in 17th-century England between the early Stuarts and their parliaments,” says Davis. “Here was the first emergence of what in retrospect we can see as a clear concern for individual freedoms—unlike the group freedoms that existed in the Middle Ages—concerns such as arbitrary and capricious taxation, cruel and unusual punishment, and imprisonment without recourse.”

“Nobody has ever tried to do anything like this before,” says advisory committee member Douglass C. North, Henry R. Luce Professor of Law and Liberty and 1993 co-recipient of the Nobel Memorial Prize in

***Faces of freedom:***  
*Colleagues at the Center for the History of Freedom include, seated from left, Douglass C. North, Elisabeth W. Case, and Richard J. Walter. Standing are Richard W. Davis and David T. Konig. The tapestry behind them is called Interlude, by Ute Schweitzer Levi, A.B. '67, M.A. '74, M.S.W. '93.*

Economic Science. “I think this series is going to have an enormous impact on the history profession, the political science profession, and, in part, even my profession, economics.” North also has written the opening chapter of the series’ new introduction. “Called ‘The Paradox of the West,’” North says, “the chapter is really an attempt to explain how a backward part of the world—which was the Western world in the year 1000—became the center of modern freedom.”

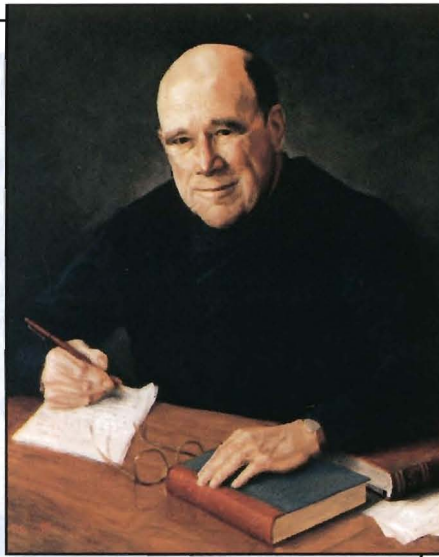
Although the Center traces modern freedom’s origins to the Western world—particularly England and the Netherlands—the rise of modern freedom in the non-Western world will be explored in subsequent volumes. “As we move to the 19th and 20th centuries, we’ll probably be including areas such as Africa, Asia, and the Middle East—thematically, rather than geographically,” says advisory committee member Richard J. Walter, professor of history and chair of the history department. “When non-European and non-American examples suggest themselves, we incorporate them.” *Revolution and the Meanings of Freedom in the Nineteenth Century*, which includes Walter’s chapter,

## The House That Jack Built

The architect of the Center for the History of Freedom is Washington University's J.H. (Jack) Hexter, John M. Olin Professor Emeritus of History of Freedom. Whereas other historians carefully constructed histories of science, industry, politics, and global conquest, freedom's history remained mostly untouched until 1982, when ground-breaker Hexter stopped to ask why. By 1985, he had laid the foundation for the Center, upon which he hoped others would continue building for decades.

"Jack's idea was that most of the other great formative forces in history had had a history of their own, but nobody had ever done a history of the ideas and institutions of liberty," says Richard W. Davis, director of the Center since 1989 and associate director during Hexter's founding directorship. "He thought the desire for liberty was an important force in the world—and would become more important." Davis points out that the world events of 1989 proved Hexter to be absolutely correct. "He can claim to have seen before anyone else the real importance of the desire for freedom in the history of the world—certainly most people weren't thinking about it in 1982."

Davis first heard the idea from Hexter in 1982; Hexter, a septuagenarian at the time, called Davis to enlist help and



*This portrait of J.H. Hexter, on display at the Center, is by Hexter's daughter Anne Green.*

support for a project he anticipated would last much longer than his active years as a scholar. Of course Davis agreed, and three years later—after many conferences and much planning—the Center was born. Hexter led the Center until 1989, at which time Davis assumed the directorship.

Since 1985, in addition to ongoing funding from the University, the Center's supporters have included the National Endowment for the Humanities, Liberty Fund Inc. of Indianapolis, the John M. Olin Foundation, the Lynde and Harry Bradley Foundation, the Andrew W. Mellon Foundation, and the Exxon Education Foundation.

For additional information on the Center's 18-volume series, *The Making of Modern Freedom*, please call (314) 935-4593.

—J.R.

"Revolution, Independence, and Liberty in Latin America," is a mix of thematic discussions of French, Spanish, Latin American, Irish, English, Italian, German, and Russian milieus.

"We've not yet gotten to the Third World, though what we'll probably see there are the indigenous roots of the kinds of freedom that have developed there, though they will certainly have been influenced by the Western model," says Davis. "Yet people like Gandhi had their own very important contributions to make, such as asking, 'How can you be racist and believe in liberty?' Gandhi—and later Martin Luther King Jr.—pointed out this very large beam in Western eyes."

Once the series is complete in approximately 10 years, its 18 volumes will stand as a landmark work of history for future generations. The published volumes already have enjoyed extensive use in the international community of scholars, Davis says, because the common threads that hold the series together are timeless.

"Some people encourage the idea that history repeats itself, that those who ignore the past are condemned to relive it," says Davis. "That's not actually true, but what does happen is that problems recognizable from the past continue to recur, and we have to deal with them on the basis of our present situation and knowledge. This doesn't give you a blueprint for action in the present, but it does give some basis of knowledge for action."

Walter agrees. "Freedom is a vital and ever-continuing topic of discussion and concern. I can't imagine any circumstances—100, 200, or 300 years down the road—in which freedom would not be of concern," he says. "Either there is too much, or it's just right, or there is not enough. It's basic to human existence, and these volumes provide anyone with a good source to get into the issues involved with the making and maintenance of freedom." ■

Jim Russell is assistant editor of Washington University Magazine and Alumni News.



*Martin Dubetz and Chris Myers.*

# *One Big Byte of the World*

**It's called *wuarchive*. Created on the Washington University campus, it is the best-known and one of the most widely used data domains on the Internet, and a powerful educational tool. by Tony Fitzpatrick**

**I**t used to be you started college with a portable typewriter and maybe a tape recorder, and you were ready for your run at the dean's list. But today's college students, who have been around computers since their toddler days, can use tools that may smack of *Star Trek* gizmos to many of their baby-boomer parents.

Students at Washington University, for instance, have access to the best-known computerized information source on the information highway. It's called *wuarchive*, and it is one of the largest data domains on the international computer network known as the Internet. Although it's not as camp as

## Up and Humming

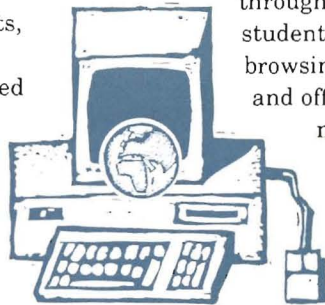
*wuarchive* is one of many computer initiatives in place, in progress, and incubating at Washington University. Here, some recent additions to WU's advanced computing and telecommunications resources:

### ON THE HILLTOP

- McDonnell Hall, NASA, and the world**  
 More than 3,000 square feet of McDonnell Hall in the Department of Earth and Planetary Sciences is occupied by NASA's Geoscience Node. Established in 1990 as the lead geoscience node of NASA's Planetary Data System, the facility stores and distributes NASA data collected from missions to Mercury, Venus, the moon, Mars, and the larger satellites of the outer planets, as well as Earth. The node, where information is accessed worldwide, connects NASA scientists and planetary scientists by an "optical jukebox" across the Internet—researchers can select stunning pictures of Mars and Venus instantaneously. Also available are data including sample information and remote sensing observations from U.S. spacecraft missions. Information is distributed worldwide from WU on compact disc.
- Electronic course listing eliminates steps**  
 A new and complete electronic course listing of all available courses across the University eliminates both manual registration and pre-registration. The new system will help students make decisions about courses and reduce paperwork and red tape. With a few keystrokes, they can see their grade histories, whether they have been admitted to their classes of choice, and how many credits are needed to complete their degrees.
- Computerized registration saves time—and standing around**  
 Last spring, students registered for fall

1995 classes electronically, using the dozens of computers around campus. In time they will be able to register from their residence hall rooms. A new drop/add process called "open registration" facilitates adding or dropping courses to meet students' needs.

- Students in campus housing are set to "surf"**  
 Residents of the South 40 residence halls, Millbrook Apartments, Fraternity Row, and the common areas in Olin Residence Hall on the medical campus have been connected to the campus "backbone." This fiber-optic link enables students to converse electronically with friends, family, faculty, and others—on campus and around the world



through Internet. In addition, students can surf the 'net, browsing through libraries on and off campus, touring art museums, making travel plans—all without leaving the residence halls. The link now extends to most of the Washington

University community.

- Local information spotlighted on student-designed "home page"**  
 Three innovative undergraduate students—a math major, a business major, and a computer science major—teamed up to design a students' home page on the Internet that has drawn the attention of computer users from as far away as France. Accessed through the Internet, an institution's home page resembles an on-screen poster, often with photographs and special type treatments. The pages include simulated buttons; one needs only to point and click to open banks of information about the institution. Jason Kint, Class of '96, Brett Adler, B.S.B.A. '95, and Jonathan Pollack, Class of '98, designed a page as a central

resource for students within Washington University's existing home page system. The students' page points to instant information about student activities, library resources, student services, local eateries, a campus tour via a clickable map, and much more. The lively design has been adapted for WU's overall home page.

- Speed-of-light research**  
 To take advantage of the countless ways that fiber-optic communications can advance research, Project Zeus, a campus-wide computer research network, switched on in 1991. One of only a few such university programs in the world, the project brings together researchers on both campuses in an ultra-speedy interactive visual environment. Biologists and neuroscientists, for instance, can collaborate through cyberspace in "real time" with electrical engineers and computer scientists. The result is more efficient research and applications, such as teleconferencing and medical consultation. Since fall 1993, Project Zeus has received more than \$7.5 million in funding from agencies including the National Science Foundation, the Advanced Research Program Agency, and Rome Laboratories.

### ON THE MEDICAL CAMPUS

- Health-care "information superhighway" may become world's first**  
 The School of Medicine is involved in a three-year partnership to develop a computerized clinical information system that could be the world's first health-care "information superhighway." Project Spectrum, implemented late last year, allies the School of Medicine, the BJC (Barnes, Jewish, Christian, Missouri Baptist) Health System, IBM's Integrated Systems Solution Corporation, Eastman Kodak, and SBC Communications. The network will track and deliver patient care, allowing medical information—such as teleradiology, video

consultation among professionals at various locations, clinical workstations, and medical records—to be transferred among all 39 BJC hospitals and physicians who have access to the network.

- **High-tech services, on-line research—and books, too** The newly named Bernard Becker Medical Library is one of the few medical libraries providing a broad range of information services, including network design, engineering, and management; computer systems management; personal-computer training, computer-assistance on-line to library users; and new education and service programs tailored to individual students' needs. Research activities include developing software for network-linked computers with wall-sized screens that instantly respond to handwriting with a "pen." In addition to greatly enhancing teaching, the computers will allow interactive research across campus or around the world. Collaboration software systems are also in the works.

#### SOURCES OF PROGRESS

During the past two years, the 17-member Information and Computing at Washington University Committee, chaired by Provost Edward S. Macias, has coordinated most computer initiatives on the campuses. Members are faculty and administrators from the Hilltop Campus and the School of Medicine, including representatives from the individual schools, the libraries, Information Systems, Academic Computing and Networking, Computers and Communications, the Faculty Senate Council, and Student Financial Services. In September, saying that "we need to expand our academic information resources beyond those associated with the core of books, journals, and periodicals of our own libraries," Chancellor Mark S. Wrighton named Shirley K. Baker vice chancellor for information technology as well as dean of University Libraries, effective October 1.

—Kristin Bakker, Tony Fitzpatrick,  
and Susannah Webb

MTV nor as esteemed as the BBC news, it is a new communications arena with endless possibilities, according to its creators, Martin Dubetz, director of academic computing and networking, and Chris Myers, now president of Starnet, a St. Louis-based Internet provider.

"The archive is a powerful educational tool as well as a developing technology with potential uses we haven't even dreamed of yet,"

says Dubetz. "It's a communications tool on the one hand, whereby people from around the world can exchange ideas electronically.

And on the other, it is an educational vehicle, where people can gather vast amounts of information for research. In terms of computer software, it's the cheapest way to window-shop in the world."

*wuarchive* is a potpourri of publicly accessible data that is the equivalent of 30,000-plus floppy disks. From their PCs or those in academic departments, WU students can get information from thousands of sources. The array includes electronic bulletin boards, card catalogs from libraries nationwide, government publications, video demonstrations, software packages, a call-in talk show (for those with the right PC and modem), and, for the overworked, computer games. Everything from the King James Bible to government environmental reports can be found—and accessed—on *wuarchive*. There are even plans to put the entire works of Shakespeare on the Internet, which would be "mirrored"—copied—on *wuarchive*. A scholar could then search the plays for soliloquies or witches and call up *Hamlet* or the witches of *Macbeth*.

*students  
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information  
from thousands  
of sources*

For well over 10 million users of Internet in more than 40 countries, *wuarchive* is as familiar as CNN. In peak periods—fall and late winter—an average of 25,000 Internet surfers worldwide access *wuarchive* each day; up to 50,000 may be turned away daily since the system cannot accommodate such numbers.

So how did an academic service attain the status of cult legend?

"We started with 50 to 100 megabytes of computer data in 1989, much of it in software," Dubetz relates. "We thought then, 'If we're going to the effort of gathering data for an archive, why not make it available to everyone?' From there, the whole thing started snowballing. Internet users around the world began to see the usefulness of the

archive and began requesting space to put their own data on. We give them space on the archive and accounts, and they share their data with the world. We began to see that there was an academic purpose here."

In 1992,

Dubetz and former *wuarchive* manager

Chris Myers received a three-year, \$245,000 grant from the National Science Foundation that enabled them to buy equipment and hire research assistants to maintain the archive. When the network speed increased in 1993 to 3 million bits per second, traffic exploded, and so did interest in managing *wuarchive*.

"Internet users started getting hooked, and they offered to manage sections of the archive," says Dubetz. "Most of our human resources are volunteers, some in Australia; Sweden; South Africa; the University of Kentucky; Apple Computer, in California; and Washington U."

In the spring of 1993, noted MIT computer scientist, author, and *wuarchive* fan Marvin Minsky contacted former academic computing and networking software engineer Charlie Fineberg for permission to put two unpublished chapters of his science fiction novel, *The Turing Option*, on the archive. Minsky thought the chapters, deemed too technical by the book's editors, helped explain the text of his novel. Dubetz and Fineberg eagerly complied; instantaneously millions of fans of the artificial intelligence expert were privy to a different version of the book.

*wuarchive's* monthly usage reports show that 47 percent of the traffic is from the educational community, 51 percent from corporations, and 2 percent from the government. Every Fortune 500 company has Internet access, as does nearly every university library in the United States. The most popular data accessed are, in descending order, computer software programs (thousands can be downloaded and tried out), images, audio data-digitalized music, and a half-hour Internet talk show.

The *wuarchive* teaser is hundreds of games; another feature is Internet movies. The archives contain video shorts such as travelog films of the world's exotic places, films of coal-burning and early diesel engines, and computer-derived images of Venus from the 1989 Magellan Mission.

An unexpected windfall from *wuarchive* is the recognition it has brought the University. Many graduate students became interested in the University because they were loyal users of *wuarchive*. Similarly, several new engineering faculty members say *wuarchive* provided their first introduction to Washington University.

"It's given us a positive image," says Dubetz. "We've become a household word on the Internet, and as that network grows, so will our reputation." ■

Tony Fitzpatrick is senior science editor in Washington University's Office of University Communications.

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# Alumni News



David Kipper

## *Memories Are Made of This*

*Degrees of joy:  
Dorinda De  
Forest and  
Rosemarie  
Stonehill, both  
M.B.A. '95.*

*Like any other  
year, the May 19–21*

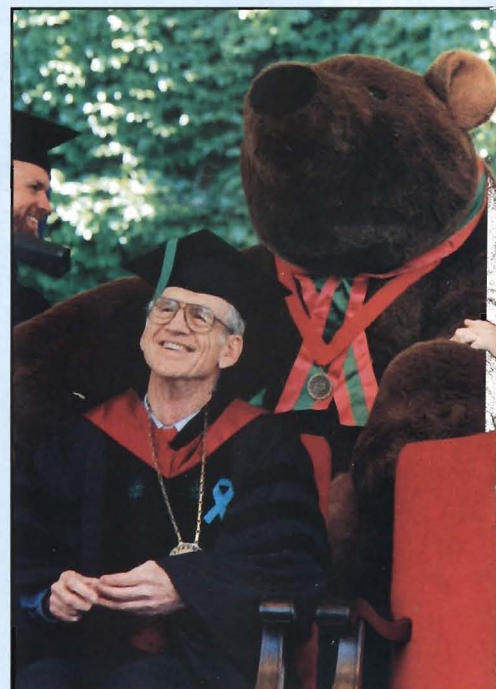
Commencement/Reunion Weekend 1995 began with flourishes and fanfare. Like any other year, a sea of caps and gowns flowed into Brookings Quadrangle, carrying on its crest a once-in-a-lifetime mix of newness and nostalgia. Like any other year, there was joy and sadness.

But, unlike any other year, the Washington University family paused a moment in silence to remember Melissa Gail Aptman, awarded her degree posthumously. And unlike any other year, Chancellor William H. Danforth himself “graduated,” as did first lady Elizabeth Gray Danforth, who received an honorary doctor of humanities degree. Unlike



any other year, Chancellor Danforth's brother, former U.S. Senator John C. Danforth, addressed the Commencement gathering, and the crowning degree presentation was a larger-than-life diploma and an enormous stuffed WU Bear that students gave to Chancellor Danforth. Finally, unlike any year in recent memory, the graduating class, in unison, exuberantly sent mortarboards skyward. No one is sure whether the caps soared as high as the hopes of the Class of 1995, but if any did, they are surely in orbit by now.

The presence of so many students, alumni, family, and friends made the weekend an unforgettable celebration full of fun and laughter. Perhaps the camera captures best why Commencement/ Reunion Weekend 1995 will be long remembered by those whose hearts are all for "fair Washington."  
—Jim Russell



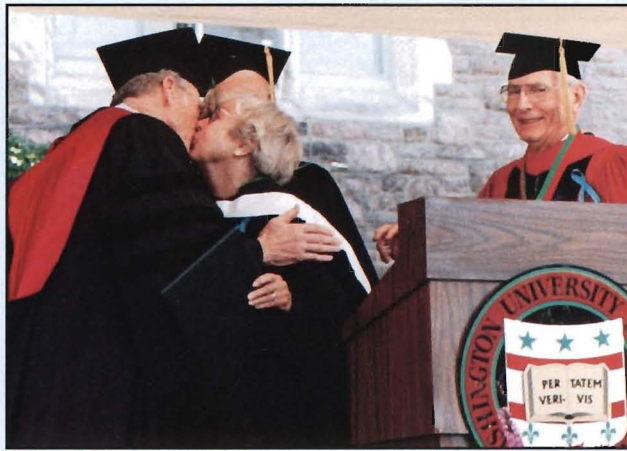
**"WU Bears" on parade:** Top left, members of the 40th Reunion Class make a grand entrance.

**Chats and hats:** Top right, Sally Higginbotham, A.B. '40, at left, catches up with Charlotte Flachmann Hagemann, A.B. '38.

**Big gift:** Above, Chancellor Danforth and the larger-than-life stuffed bear from the Class of 1995.



**House party:** Festive balloons in University colors decorated the reunion sites, such as the Class of 1990 gathering at Stix International House.



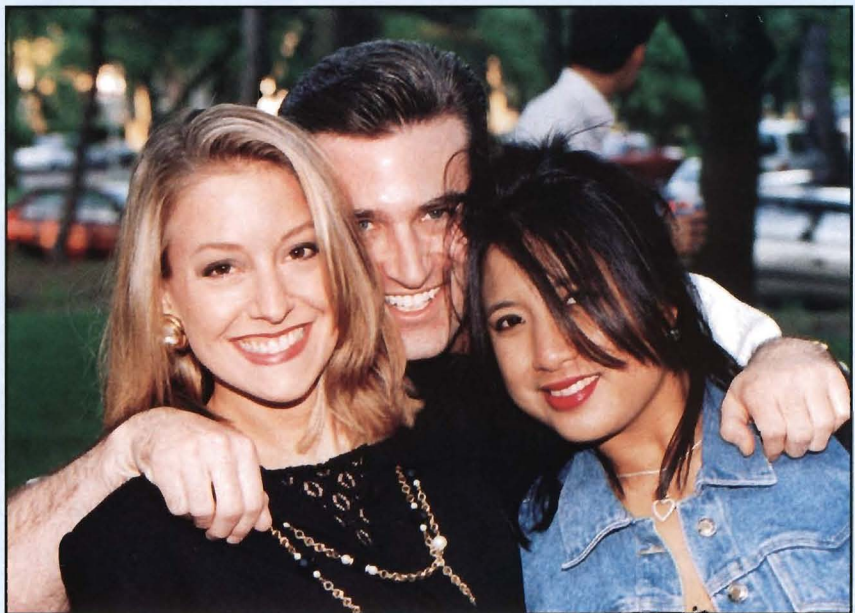
**Cap for keeps:** Far left, Roger J. Waxelman, A.B. '65, proudly displays the definitive WU keepsake, a freshman beanie.

**A new doctor in the house:** Left, Chancellor Danforth gives wife Ibby, who received an honorary degree, a congratulatory kiss. Now two heads will turn when someone asks for Dr. Danforth.



**Ties that bind:** Far left, Stanley Lopata, A.B. '35, and E. Desmond Lee, B.S.B.A. '40.

**Worth a thousand words:** Left, pals Gloria Donnell, A.B. '45; Virginia H. Duffy, B.S. '45; and Ruth A. Seever, A.B. '45, share memories.



**It won't be long now:** Above, Michele Hanshaw, A.B. '95, and Daam Barker, A.B. '95, seem to happily anticipate Commencement during the College of Arts and Sciences Recognition Ceremony.

**Friends forever!** Smiles were coin of the realm for (l. to r.) Amy Behle, B.S.B.A. '90; Matt Levenson, B.S.B.A. '90; and Melissa Fabito, A.B. '90.



**Three of a kind:** Top, (l. to r.) Gail Tubbs, B.S. '85; Russ Shaw, B.S.B.A. '85; and Michael E. Van Valkenburg, B.S. '85.

**First among her peers:** Above, Margaret H. Calhoun, B.S.B.A. '20, talks with Frank J. Bush Jr., B.S.B.A. '30, at this year's Chancellor's Luncheon for senior alumni. Calhoun was the first woman to receive a degree from Washington U.'s business school.

**Two in the afternoon:** Top, Willie Jackson and wife Arlene D. Jackson, B.S. '93, joined then-Chancellor Danforth and some 60 Black Alumni Association picnickers on May 20.

**Having a "pair-fect" time:** Middle, Emeritus Trustee Raymond H. Wittcoff with wife and Trustee Roma Broida Wittcoff, B.S.B.A. '45.

**The way we were:** Above, Gail Fudenberg, A.B. '75, and Joe Moro, B.S.B.A. '75, M.B.A. '76, with a poster of the past.

Commencement and reunion photography by Joe Angeles, Mary Builtkus, Dan Donovan, Rick Graefe, Carol House, David Kilper, Doug Miner, Bill Stover.



Joe Angiles

*Jerry Brasch and fan—grandson Joshua Chrisler, aged nine.*

# *Pulling Out All the Stops*

Whether he's running companies, playing the organ, or helping others by working for WU, Jerry Brasch delivers a virtuoso performance.

**By Cheryl Jarvis**

**T**hroughout a very lively life as an engineer and CEO, Jerome F. Brasch, B.S.Ch.E. '44, M.S.Ch.E. '47, has always made time for two passions: playing the organ and volunteering for Washington University. Both interests took hold after his arrival on the Hilltop as a 16-year-old freshman on partial scholarship.

Brasch's original plan was to study business, as his older brother, Norvell, B.S.B.A. '32, had done before him. But when Norvell asked him why he had chosen the field, Jerry's answer was "Because I like mathematics."

"Then you should study engineering," Norvell told him. Brasch took the brotherly advice.

As he moved through the curriculum, Brasch also developed the musical talent he had demonstrated since childhood. "I studied the piano until I was 14," he says. "But then I heard the pipe organ at Radio City Music Hall on a trip to New York City with my family, and I was fascinated. When we returned to St. Louis, I started taking lessons, and I walked as much as five miles each way twice a week to practice the organ at Westminster Presbyterian Church, where my teacher was the organist."

By the age of 16, Brasch had his first professional gig—playing for a Sunday church service in exchange for streetcar fare. "At the end of the year," he says, "the church gave a dinner in my honor and presented me with a wallet filled with \$51. I was floating on cloud nine."

After graduate school, Brasch held down four jobs: He worked for Anheuser-Busch in research and development, taught math in University College, was both a church organist and choir director, and ran a mail-order company with his brother and mother. "I wrapped packages afterward till midnight," he says. "You can do those things when you're young and don't have a family." He cut back to two jobs in 1955: working as an engineer in the electric heating field (he founded his own company in 1964) and teaching mathematics at University College.

Although his last professional performance was in 1954, he continues to play the organ at home and at friends' weddings, and plays a number of theater pipe organs around the country.

But mostly the distinguished, soft-spoken engineer makes music at his St. Louis County home, where he designed a 47-foot-long, acoustically live, cathedral-ceilinged room for his three-manual Allen Digital-Computer Organ with 122 fixed stops as well as 50 alterable stops. Brasch has added a computer with 60 special sounds; a synthesizer



David Kipper

with 334 orchestral and other sounds; an array of bells and whistles that he found in Kansas City; mechanical instruments from 1926 theater pipe organs, including a glockenspiel, a xylophone, and a metal-bar harp; and modern mechanical equipment for the cymbals, triangle, and tambourine. All these are played from the organ console. And he talks about the possibility of adding more: sleigh bells and a snare drum.

Because the organ is computerized, Brasch—who plays primarily by ear—can listen to a piece of music he likes, play it on the organ, record it, and then receive a printed score of what he played. If he wants to change the key, the computer simply rewrites the music accordingly. Brasch's synthesizer also can sample and layer sounds to create an effect similar to an orchestra,

but, he says, "I don't do much of that. I don't have much need for an orchestra!"

Although Jerry Brasch's real love is theater organ music, he also enjoys classical organ music and jazz. Fifteen years ago, he took lessons from jazz organist Bob Kroepel. "I wanted to learn new styles of playing," he says. "I think it's important to always be learning something new."

### *Helping the One and the Many*

Something else Jerry Brasch has learned is the satisfaction of giving back, "especially when we're older, without as many family responsibilities." Brasch's commitment to Washington University began in 1974 when fellow engineering alumnus Bill Tao, M.S.M.E. '50, asked him to join the School of Engineering's Century Club. Next, Brasch took on the chairmanship of the Engineering School's scholarship program. For 20 years, he has provided several student scholarships, including an endowed one: the Norvell Brasch Memorial Scholarship, in honor of his brother, who died at the age of 38. (An endowed scholarship is one from which only the income is used in perpetuity.)

*At the age of 70,  
Brasch still works  
five and a half  
days a week at  
his plant in  
Maryland  
Heights.*

Scholarship recipient Darren Klug, B.S.C.S. '90, B.S.E.E. '91, is one of the former students with whom Brasch has remained in contact over the years. Says Klug, who also plays the organ: "The reason I've kept in touch with Mr. Brasch is because he is a very endearing person. Also, he's been a mentor. When I first met him, he invited me to see his plant. It's a rare thing for a student to see an engineering plant, especially one that started from scratch. Since that time, he's given me career advice. When my wife, Rose, B.S.C.E. '90, and I got married recently, we wanted our reception at Whittemore House, and Mr. Brasch sponsored us so that we could have it there."

As Brasch has affected individual lives, so he has affected the broader life and growth of the University. He chaired the Alumni Board of Governors in 1991–92, and his 50th Class Reunion celebration in 1994. Today he is as indefatigable as ever, serving on the buildings and grounds committee, which oversees new construction underway on both campuses—from the three new buildings at the Medical Campus to the psychology building and the new law school buildings on the Hilltop Campus.

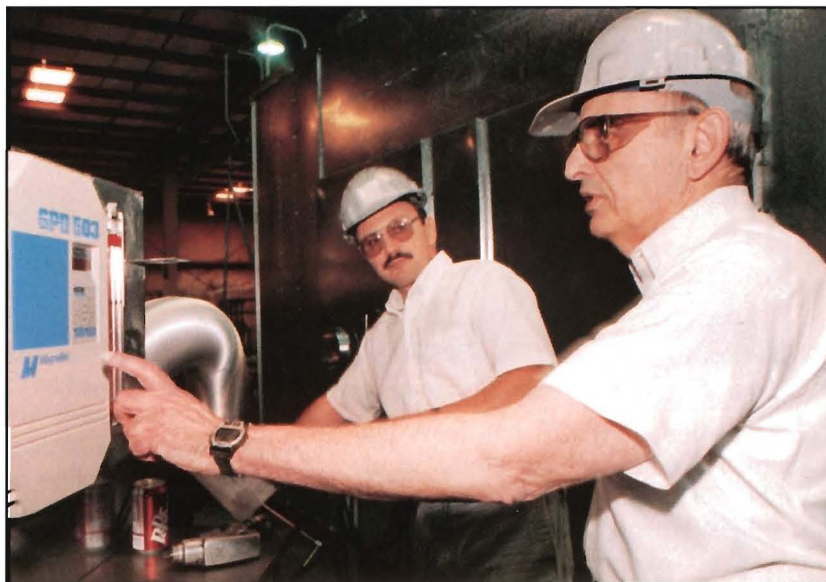
"Jerry is inquisitive and is always looking for the best solutions," says fellow committee member Bill Tao. "He likes to get things done, not just talk about them."

Another of Brasch's major volunteer efforts is chairing the Planned Giving Committee. In this role, he encourages donors to consider the many available estate planning vehicles, including charitable remainder trusts. Through such trusts, individuals obtain lifetime incomes for themselves and/or a second beneficiary. Donors may use cash, appreciated securities, or appreciated real estate to fund the trust. With gifts of long-term appreciated property, donors need not pay capital gains tax. They may also designate how the funds will be used after death. "It's a win-win situation for the giver and for Washington University," says Brasch.

### *"Chief Worrier" and a Piano Teacher, Too*

At the age of 70, Brasch still works five and a half days a week at his plant in Maryland Heights, where he runs two companies. Marcraft manufactures custom air-conditioning units for industrial, commercial, and institutional use; the Brasch division of Brasch Manufacturing makes gas sensors and electric heating products. "Today, my job is chief worrier," he quips.

Once he gets home, he unwinds by playing



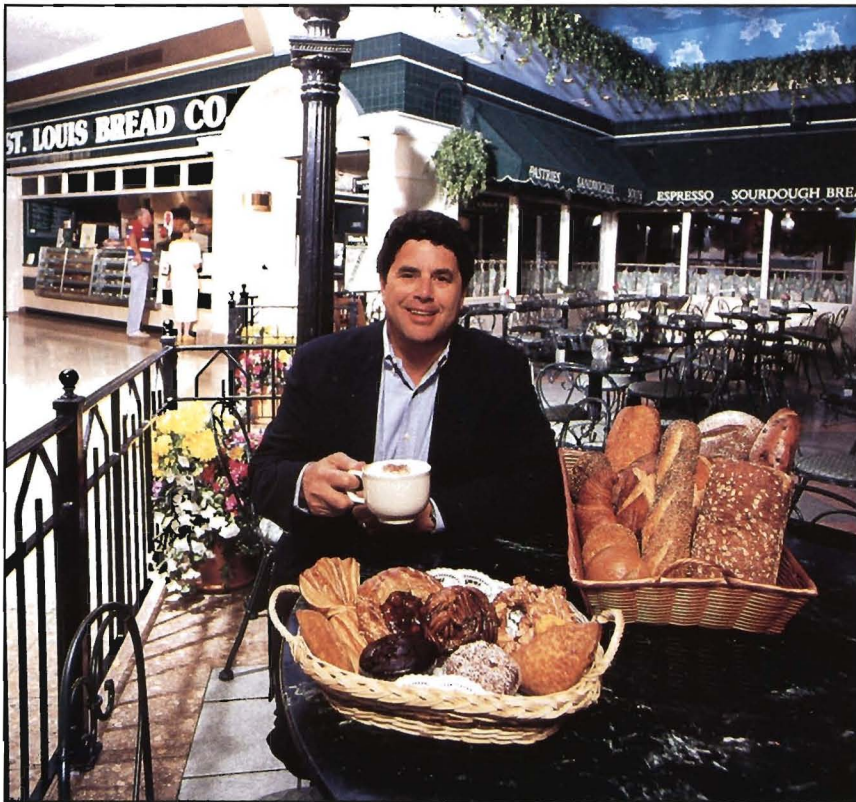
David Kilger

Broadway tunes by George Gershwin or Irving Berlin, or by teaching two of his 11 grandchildren to play the piano "when I can catch them."

But Washington U. never seems far from his mind. Though he has been honored with the Distinguished Alumni Award and the Engineering School's Alumni Achievement Award, he minimizes his contributions in his modest fashion. "I really haven't done that much. There are many others who do more. I like being a part of Washington University—it's a first-class institution. I am enamored of what the school has accomplished, and I'm continually impressed by the quality of students. They're bright, well-rounded men and women. The engineering students always have had high math SAT scores, but today they have high verbal scores, too. They sure didn't in my day."

**Quality first:**  
Jerry Brasch (r.) checks a custom air-conditioning unit on the manufacturing floor. With him is quality control inspector John Varisella.

Cheryl Jarvis is a St. Louis-based writer.



Joe Angeles

*Myron Klevens at a Bread Company store in Chesterfield, Missouri.*

# Builder, Baker, a

**Myron Klevens doesn't try to create business opportunities—he knows them when he sees them and just grabs on.**

**by Gloria Shur Bilchik**

**T**he career climb **Myron Klevens, B.S.B.A. '65**, has made from low spot on the construction scaffolding to the top of the baker's rack has been an exercise in persistence and determination—and very good timing.

"Timing has been everything," says Klevens. He is one of three partners in the St. Louis Bread Company, which made business headlines when the eight-year-old firm was purchased by Au Bon Pain, a Boston-based company that operates cafe-bakeries in cities nationwide.

"You can't create opportunities. You have to know them when you see them and grab on," Klevens says. "All along the way, I've been in the right places at the right times."

A look at Klevens' ascent bears him out, and it helps explain the change in direction from building to baking.

Growing up in University City, Missouri, Klevens dreamed of being a builder. During his undergraduate years, as a member of Sigma Alpha Mu fraternity, he hammered away at that vision by nailing together plywood booths for Washington University's annual Thurtene Carnival. Then he graduated to a job with a large Chicago construction company, swabbing basements and doing odd jobs on building projects. At night, he inspected metal parts in a machine tool

company. In these early jobs he was "lower than a catfish in the ocean," but he calls them character-building lessons in humility and work ethic.

Then the building industry slowed in the late 1960s, whereas the war escalated in Vietnam and demand increased for weaponry and metal parts. After a year, Klevens quit his construction job and changed from part to full time at the Ridge Tool Company in Chicago.

"I was more lucky than smart," says Klevens. "The company was growing, and there was a vacuum for young people willing to work hard. In four years, I went from shift supervisor to production supervisor to manager of distribution and then director of plant operations. Next, Emerson Electric bought the company. It was a turning point for me.

"Everything I had studied in business school—long-range planning, market analysis, ABC budgeting, and employee mentoring systems—all the best business practices—Emerson was doing them," says Klevens, who moved back to St. Louis to oversee a major downsizing in the company's defense operations. "It was a learning experience beyond anything I could have devised for myself."

Despite his success to that point, construction was still Klevens' love, and in the 1970s he left Emerson for the Permaneer Company, a fast-growing manu-

# Toolmaker, and More

facturer of building materials in St. Louis.

"It was a unique opportunity to be involved in rapid growth and all its pitfalls," he says. "The company made all the classic mistakes—too much debt, too much overhead, not enough planning. We should have looked ahead. In business, you know the next recession is just around the corner. When the 1973 oil embargo hit, we weren't ready. In the end, as president of a Permaneer division, my job was to work with the bank to sell the company's operating units to other companies."

Finally, Klevens decided to go into the construction business for himself. His company, Bellington Realty, specialized in renovating single-family homes. He also brought his building expertise home to Washington U. when he served as general contractor for a major renovation of the Sigma Alpha Mu fraternity house in the 1980s.

His reputation as a builder and his experience in real-estate trans-

actions had caught the attention of St. Louisan Ken Rosenthal, founder of the St. Louis Bread Company. In 1987, Rosenthal enlisted Klevens' help in creating a business plan and finding the fledgling company's first location—in Kirkwood, Missouri. Klevens continued to play a key role as the company soared to success—serving as general contractor for new stores and eventually becoming a partner and chief operating officer in 1990.

At the Bread Company, Klevens was instrumental in creating Operation Dough Nation, a program in which the company donates unsold baked goods to a local food pantry.

"At a staff meeting, someone mentioned that the local food pantry was running on empty," says Klevens. "It was natural for us to ask, 'What can we do to get involved?' It wasn't a brand-new idea, but we were able to shape it to our circumstances. For every five cents customers contribute, we're able to deliver 20 cents' worth of products to the food

pantries. We want to be a part of our community, to help out where there's a need. We feel strongly that we should give something back to the community that has allowed us to reap such rewards. It is a privilege to be able to contribute."

Klevens also is active in Dough for Kids, which

raises money for enrichment supplies for more than 50 St. Louis-area schools.

Since the buyout, Klevens has remained an active member of the management team, charged with designing and building new stores.

"We make each one a little different," he says, noting that he's currently overseeing construction of new stores in Chicago and Atlanta. "We try to build stores that have the feel of a corner bakery, that capture the character of the suburban neighborhood they're in. What works in Chicago might not fit in Springfield, Missouri. The soul of our company is the neighborhood concept. It's my job to keep us true to that idea."

**K**levens' off-the-résumé activities reflect his neighborhood orientation, too. An active community volunteer, he was one of the founders of the American Medical Center board in St. Louis and has taken a leadership role in the Life Skills Foundation, the Jewish Federation of St. Louis, and his temple board. His positive outlook is reflected, he says, in his avid interest in gardening, a hobby he shares with his wife, Billie. Their garden includes more than 100 varieties of perennial plants; in the future they hope to add orchids. He also enjoys many weekend activities with his grown children, Michael and Tracy.

Describing his life as a book-in-progress with about five chapters written to date, Klevens likens his varied experiences to building blocks and is philosophical about what he has accomplished.

"I consider myself successful if people think of me as a *mensch*, a good person," he says. Then he adds: "We're all given this little thing called life. Our job is to make the best of it." ■

Gloria Shur Bilchik, A.B. '67, M.A.T. '68, is a St. Louis-based writer.



Joe Angeles

## Schools Honor Outstanding Alumni

### *School of Architecture*

The School of Architecture conferred its Distinguished Alumni Award on four alumni and its Dean's Medal for Service on a fifth at its second annual awards dinner, held March 24 at the Mahler Ballroom in the Central West End of St. Louis.

*Presented with Distinguished Alumni Awards were:*

**Anthony Abbatte, M.Arch. '82**, who helped set up a hotline in the aftermath of Hurricane Andrew offering storm victims free advice from architects, for his design accomplishments and his involvement in the architectural community.

**Rex Becker, FAIA, B.Arch. '34, M.Arch. '35**, who was instrumental in establishing a \$1.5 million trust fund for financial aid to promising St. Louis architecture students, for his contributions to the local and national architectural communities.

**Joseph Bilello, M.Arch. '76**, director of education programs for the American Institute of Architects (AIA) from 1987 to 1995, for his commitment to education and for his efforts to establish stronger links between practitioners and educators.

**Harold Roth, B.Arch. '56**, a 30-year member of the Yale University design faculty and designer of several major projects on the Yale campus, for his design accomplishments, his contributions as an educator, and his involvement with the AIA.

Dean's Medalist **Norman Moore, B.Arch. '33**, whose philanthropy has been instrumental in the growth and success of the School, for his dedication to architectural teaching and his generous, continuing support of the School.

### *John M. Olin School of Business*

The John M. Olin School of Business honored four alumni and the recipient of the School's 1995 Dean's Medal during its April 4 awards dinner at The Ritz-Carlton St. Louis.

The Olin School's Distinguished Alumni Awards are presented annually

to graduates of the School who have attained distinction in their careers. Recipients are selected on the basis of leadership, progressive thinking, high standards, uncompromising integrity, commitment, courage, and confidence.

*Receiving the 1995 Distinguished Alumni Awards were:*

**John P. Dubinsky, A.B. '65, M.B.A. '67**, who is president and chief executive officer of Mark Twain Bancshares, in St. Louis.

**J. Stephen Fossett, M.B.A. '68**, who is president of Marathon Securities, based in Chicago.

**Nancy J. Mattson, M.B.A. '78**, who is managing director of Argent Group Ltd., in San Francisco.

**Jack C. Meng, M.B.A. '68**, who is president and chief executive officer of Schreiber Foods, located in Green Bay, Wisconsin.

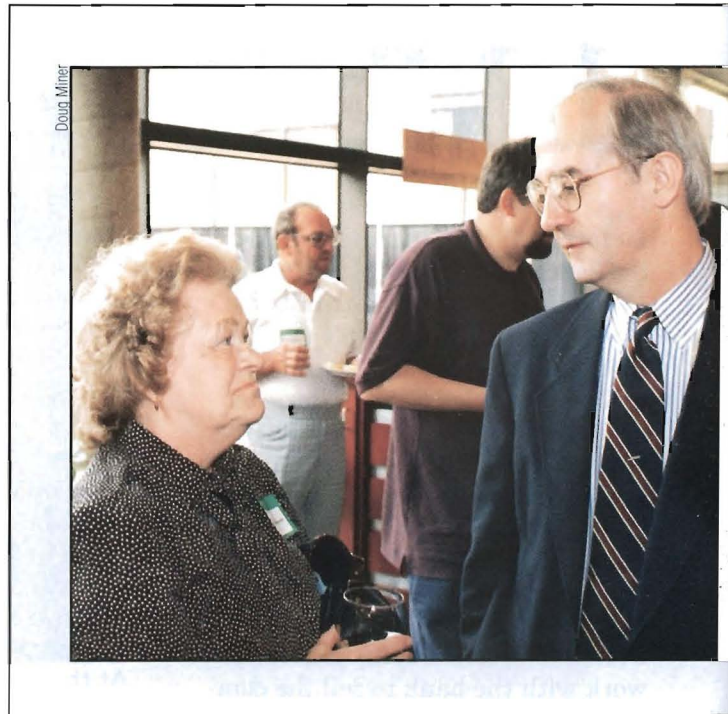
**Nicholas Dopuch, Hubert C. and Dorothy R. Moog** Professor of Accounting and director of the Olin School's doctoral program, received the 1995 Dean's Medal, awarded to individuals whose dedication and service to the Olin School have been exceptional.

### *The School of Engineering and Applied Science*

The School of Engineering and Applied Science honored seven distinguished individuals at its 21st annual Alumni Achievement Awards Dinner, held April 6 at the Living World of the St. Louis Zoological Park.

*Receiving Alumni Achievement Awards were:*

**Paul J. McKee Jr., B.S.C.E. '67**, CEO and co-owner of Paric Corporation, a \$45 million design-build firm in



St. Louis, and of Environmental Management Company, a major full-service operations firm in the wastewater and water industry.

**William F. Patient, B.S.Ch.E. '57**, president and chief executive officer of the Geon Company, a leading manufacturer of vinyl polymers headquartered in Cleveland and formerly a division of B.F. Goodrich Company.

**Stanley I. Proctor, B.S.Ch.E. '57, M.S.Ch.E. '62, D.Sc. '72**, president of Proctor Consulting Services in St. Louis, a private consulting firm focused on technology and people management, founded in 1993 after his retirement from Monsanto Company.

**Nick A. Schuster, B.S.E.E. '41, Ph.D. '51**, who holds 50 patents in the field of oil exploration and retired in 1980 as vice president of research and development for Schlumberger Ltd., a \$6.1 billion manufacturer of technology for oil producers.

*The recipient of the 1995 Young Alumni Award was:*

**Gregory A. Sullivan, B.S.S.S. Math. '81**, president and founder of G.A. Sullivan, a leading software develop-

**Mallinckrodt meeting:** On June 4, some 200 members of the Mallinckrodt family, one of the University's great benefactors, toured the Medical and Hilltop campuses and attended a program at Edison Theatre saluting Mallinckrodt philanthropy. Here, Audrey M. Mallinckrodt of Dayton, Ohio, meets Philip Stahl, Edward Mallinckrodt Jr. Professor and head of the Department of Cell Biology and Physiology in the School of Medicine. Also attending were two alumni, **Catherine "Casey" Mallinckrodt Reese, A.B. '77,** and **Laurence E. Mallinckrodt Jr., A.B. '79.**

ment company, and co-founder of Hamilton & Sullivan Ltd., a national provider of software and technology services for financial institutions.

*Co-recipients of the 1995 Dean's Award were:*

**Lucy and Stanley (A.B. '35) Lopata.** The award honors individuals whose dedication to engineering education has enhanced opportunities for students and faculty of the School of Engineering and Applied Science.

### **School of Law**

The School of Law presented its Distinguished Law Alumni Awards at the School's annual dinner, held on May 20 at The Ritz-Carlton St. Louis.

*Awards were conferred upon:*

**Walter Freedman, A.B. '37, LL.B. '37,** senior partner of the Washington, D.C., law firm of Freedman, Levy, Kroll & Simonds since 1948 and an active participant in several civic and professional organizations.

**Thomas R. Green, LL.B. '58,** a practicing attorney, real estate developer, president and majority shareholder of National States Insurance Company, and founder and majority

shareholder of Royal Bancshares, a St. Louis bank holding company.

**Robert L. Proost, J.D. '62,** corporate vice president and director of administration for A.G. Edwards & Sons Inc., the St. Louis-based brokerage firm, and member of the firm's board of directors and its executive committee.

**Edward L. Welch, J.D. '60,** associate professor of law at Southern Illinois University, specializing in labor and employment discrimination law, after a career in private practice emphasizing representation of major institutions controlled by African Americans.

### **School of Medicine**

The Washington University Medical Center Alumni Association held its annual awards dinner May 13 at The Ritz-Carlton St. Louis.

*Receiving Alumni Achievement Awards were:*

**Philip O. Alderson, A.B. '66, M.D. '70,** James Picker Professor of Radiology and chair of the department of radiology at Columbia-Presbyterian Medical Center, in New York City, and major contributor in the field of pulmonary and cardiovascular nuclear medicine.

**Dennis P. Cantwell, M.D. '65,** Joseph Campbell Professor of Child Psychiatry at the University of California at Los Angeles School of Medicine and a pacesetter for much of the current research in child psychiatry.

**Margaret C. Telfer, M.D. '65,** director of the Hemophilia Center at Michael Reese Hospital, in Chicago, where she also is interim director of the division of hematology/oncology, and associate professor of medicine at the University of Illinois.

*Receiving the Alumni/Faculty Awards were:*

**Llewellyn Sale Jr., M.D. '40,** professor of clinical medicine at the School of Medicine, president of Central Medical Group Inc., and from 1972 to 1992 associate director of the department of internal medicine at Jewish Hospital, in St. Louis.

**Gustav Schonfeld, A.B. '56, M.D. '60,** William Kountz Professor of Medicine and director of the atherosclerosis, nutrition, and lipid research division at the School of Medicine, and an expert in the areas of lipoproteins and atherosclerosis.

**Arnold W. Strauss, M.D. '70,** director of the David Goldring Division of Pediatric Cardiology at St. Louis Children's Hospital as well as professor of pediatrics and of molecular biology and pharmacology at the School of Medicine.

*Receiving the Distinguished Service Award was:*

**Phillip E. Korenblat, M.D.,** professor of clinical medicine at the School of Medicine and medical director of The Asthma Center, whose approach to asthma management serves as a model for other such centers, and of the Clinical Research Center, both located at Barnes West County Hospital.

### **George Warren Brown School of Social Work**

The School of Social Work Alumni Association will present its 1995 Distinguished Alumni Awards during the School's 70th anniversary banquet held at the University Club in St. Louis on October 14.

*Recipients are:*

**James O. Billups, D.S.W. '70,** president of the Inter-University Consortium for International Social Work at the College of Social Work, The Ohio State University, and also an associate professor in the College of Social Work at Ohio State.

**Phyllis A. Rozansky, M.S.W. '74,** a leader in children and family matters and first executive director of Missouri's landmark Family Investment Trust, a public-private partnership charged to change the way the state delivers services for children and their families.

**Toshio Tatara, M.S.W. '69,** an expert in child substitute care and adoption statistics and elder abuse, director of research and demonstration for the American Public Welfare Association, and director of the National Center on Elder Abuse, both in Washington, D.C.

**W**e want to hear about recent promotions, honors, appointments, travels, marriages (please report marriages after the fact), and births so we can keep your classmates informed about important changes in your lives.

Please send news (see form) to: *ClassMates*, Alumni News, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130-4899. By fax: (314) 935-4259. By e-mail: p72245jr@wuumd.wustl.edu. (Deadline for Winter 1995 issue was July 15. Deadline for Spring 1996 issue is October 15.)

### 1920s

Attention, 1920s alums! Please send us your news to use in *ClassMates*! Use the box provided on page 42.

### 1930s

**Vernon W. Piper, BU 35**, former president of ACL Haase Co., of St. Louis, received an honorary degree from Westminster College on April 2.

### 1940s

**Edwin G. Krebs, MD 43**, received an alumni achievement award at the University of Illinois commencement ceremony May 14. Krebs shared the 1992 Nobel Prize in Medicine with Edmond Fischer for their discovery of a basic process in human cells linked to cancer and the rejection of transplanted organs.

**Agnes Ferry, SW 46**, reports that she is "enjoying her lovely apartment" in Scottsdale, Ariz.

**Walter Barker, FA 48**, recently exhibited a retrospective of his work covering 44 years of painting, including a piece from the Washington University Gallery of Art collection.

### 1950s

**Samuel Halperin, LA 52, GR 56**, has recently received the President's Medal of George Washington University; the Lifetime Achievement Award of Jobs for the Future; and the Harry S Truman Award of the American Association of Community Colleges.

**Dale P. Brautigam, EN 53**, vice president of manufacturing and engineering, LubeCon Systems Inc., was presented the 1995 Cast Metals Institute Directors Award for his dedication and professional service in the foundry industry's continuing education program.

**Neil Knott, EN 56**, is co-founder of Saint Springs bottled water company in Moscow. Profits from the company help fund repairs on Russian Orthodox churches and monasteries.

**Donald L. Stein, BU 56**, retired from Gulf States Paper Corp. after 29 years. He was vice president and controller at the time of his retirement.

**Del Schwinke, BU 59**, is advertising manager for the *St. Louis Post-Dispatch* newspaper.

**Paul R. Smith, LA 59**, celebrated his 30th year as senior pastor of Broadway Baptist Church in Kansas City, Mo. He has published his second book, *Is It Okay to Call God Mother? Affirming the Feminine Face of God*.

**Olly Wilson, LA 59**, was elected to the American Academy of Arts and Letters. He composes chamber, vocal, and orchestral works, and has received commissions from the Boston and San Francisco Symphonies, the American Composers Orchestra, the New York Philharmonic, and others. In 1993 he collaborated with poet Maya Angelou on *I Shall Not Be Moved*.

### 1960s

**Floyd E. Bloom, MD 60**, was named editor-in-chief of the weekly journal *Science*, which is the world's largest peer-reviewed science magazine. His appointment was announced by the American Association for the Advancement of Science.

**Perry King, GR 60**, retired on Jan. 1, 1995 as vice president of quality assurance from Mallinckrodt Chemical.

**Bennett A. Shaywitz, LA 60, MD 63**, led a study by a team of Yale University School of Medicine researchers that in February reported the first clear evidence of sex differences in the functional organization of the brain for language. Their findings appeared in the Feb. 16 issue of the British scientific journal *Nature*.

**Glen E. Stuckel, EN 60**, is a builder and remodeler based in Louisville, Ky. He competed with remodelers from seven southeastern states to win two prestigious Chrysalis Awards from *Southern Home Builder and Remodeler* magazine.

**Stan Frager, BU 61**, is professor of social work at the University of

Louisville, in Kentucky; a 14-year Boy Scout scoutmaster; a practicing psychologist and consultant; and a radio call-in show host. In March, he held a "Celebration of Life" party to commemorate the 20 years since his successful colon cancer surgery.

**Lawrence S. Goldberg, EN 61**, was appointed director of the division of electrical and communications systems at the National Science Foundation.

**George S. Hand, GR 61**, was appointed assistant dean for admissions at the School of Medicine at the University of Alabama at Birmingham.

**Verna Smith, GR 61**, is a recipient of the Women of Worth Award from the Gateway Chapter of the Older Women's League based on her contribution to the improvement of the image and status of middle-aged and older women in the St. Louis community. She is the editorial director for OASIS (Older Adult Service and Information System) and teaches classes for senior citizens.

**Michael J. Kearney, EN 62**, was elected assistant general treasurer of chapter finances for Beta Theta Pi International Fraternity. He is vice president of DG Bank in New York City.

**Arnold B. Zetcher, BU 62**, president and chief executive officer of Talbots, was named industry award winner in *Financial World* magazine's 1995 "CEO of the Year" competition.

**George L. Welsch, EN 63**, is owner and president of Welsch Heating and Cooling, which celebrates its 100th anniversary this year. George, whose great-grandfather founded the St. Louis firm, is married to **Carolyn Hilbert Welsch, LA 64**; they have a daughter, **Wendy Welsch, GR 90**.

**Eugene Zeffren, LA 63**, was named senior vice president and president of Helene Curtis U.S.A., an international producer of personal care products.

**Marlene Jahss Le Gates, LA 64**, teaches women's studies at the University of British Columbia and history and women's studies at Capilano College. She is author of the book *Making Waves: A History of Feminism in Western Society*.

**Micki (Glassman) Lippe, FA 65**, is one of 15 craftspeople and jewelers to have been invited to spend five days at Haystack Mountain School of Crafts in Deer Isle, Maine, to investigate the possible artistic use of precious metal plasticine, a new product being introduced into the United States by Mitsubishi of Japan. The material

looks and behaves like clay, but when fired is revealed to be solid silver or gold.

**Judy E. Meador, GB 66**, publisher and editor of the *St. Louis Small Business Monthly*, was elected state chair of the Missouri delegation for the 1995 White House Conference on Small Business.

**Bart O'Connor, UC 66**, is vice president for finance and university services at Webster University, in St. Louis.

**Dorothy Hash, PT 69**, recently moved to Bolivar, Mo., with her three children: Roscillin, 5; Guy, 3; and Bethany, 2. She is program director and chairperson of the physical therapy department at Southwest Baptist University and is developing a graduate-level physical therapy program.

**Maury Poscover, LW 69**, chair of the management committee of Husch and Eppenberger, was elected president of the American College of Commercial Finance Lawyers, an honorary organization of attorneys who are nationally recognized experts in commercial finance law.

### 1970s

**Jeffery Balter, EN 70**, retired after practicing dentistry for 20 years. He, his wife **Nancy (Green) Balter, LA 70**, and their 14-year-old twin daughters are moving to the foothills of the Rockies near Golden, Colo.,

### Alumni Codes

AR	Architecture
BU	Business
DE	Dentistry
EN	Engineering
FA	Fine Arts
GA	Graduate Architecture
GB	Graduate Business
GD	Graduate Dentistry
GF	Graduate Fine Arts
GL	Graduate Law
GM	Graduate Medical
GN	Graduate Nursing
GR	Graduate Arts & Sciences
HA	Health Care Administration
HS	House Staff
LA	Arts & Sciences
LW	Law
MD	Medicine
MT	Manual Training
NU	Nursing
OT	Occupational Therapy
PT	Physical Therapy
SI	Sever Institute
SU	Sever Institute Undergraduate
SW	Social Work
TI	Technology & Information Management
UC	University College

where Jeffery will produce limited-edition sculptural kaleidoscopes. Nancy will continue her career as a medical toxicology consultant (thanks to faxes and modems!), and they will spend as much time as possible hiking and exploring.

**Robyn Hershenhorn Frankel, LA 70**, has reopened Frankel Public Relations after a five-year hiatus while she served as executive vice president and general manager of the St. Louis offices of two national public relations agencies.

**Nancy Barta Levesque, LA 70**, was elected president of the British Columbia Library Association for 1995-96.

**Charles Chamberlin, EN 71**, was named Humboldt State University's outstanding professor for 1994-95. He is professor of environmental resources engineering at Humboldt State.

**Gerald P. Greiman, LA 71, LW 75**, recently won a case in the U.S. Supreme Court and was appointed to the Missouri Human Rights Commission. He is a principal in the St. Louis law firm Dankenbring, Greiman, Osterholt, and Hoffmann.

**Miles DeCoster, FA 72**, was appointed assistant professor of communication design at Kutztown University in Pennsylvania and is creative director at Art Machine Interactive.

**James D. Henry, GB 72**, the American Collectors Association Inc.'s national treasurer and the owner/chief executive officer of R.C. Wilson Company, in St. Charles, Mo., was selected Missouri's small business person of the year by the United States Small Business Administration.

**Albert H. Hiller, LA 72**, has joined the Houston office of Haynes and Boone, where he will continue his real estate practice.

**Jeanne Ericsson Lewin, OT 72**, is president of the Tramble Co. and has begun a continuing education division dedicated to the improvement of occupational therapy within health care.

**Michael Burgin, LA 73**, was appointed president and medical director of the Health Care Group of Central Ohio Inc., a physician group practice closely affiliated with The Prudential Health Care System.

**David Newell, LA 73**, was promoted to senior vice president for public affairs at the First Fidelity Bank.

**Andrew J. Steinberg, LW 73**, executive director of Western Massachusetts Legal Services, was elected chair of The Project Advisory Group, the national organization of legal services programs for the poor.

## Seeing Beyond the Disease

**Susan Gilbert, A.B. '59, M.S.W. '79**, loves her job. "Being a therapist is a privilege," she says. "It's a very special relationship that you etch out with your client—mutual respect and love. You find that you reverberate with other people's experiences. Sometimes you recognize issues of your own." Gilbert's clients include AIDS victims, young adults, and married couples.

Gilbert has always been interested in therapy and human psychology, from her college days as an English major who appreciated the relationship between author and character, through 20 years as the full-time mother of four who worked toward a degree in music therapy, to her days as a graduate student who interned in a college re-entry program for second-career women and in a VA hospital working with Vietnam veterans.

Since earning her master's degree from the George Warren Brown School of Social Work, Gilbert has worked as a therapist in many settings. She spent years as a psychiatric social worker at Missouri Baptist Hospital and as a counselor at a high school for troubled adolescents.

In 1990 Gilbert started a private practice counseling adolescents and young adults. When a close friend died of AIDS in 1992, she became interested in working with victims of the disease. Gilbert heard about Delta Mental Health, a program that included counseling AIDS victims and their families, and she quickly volunteered. Initially, she counseled people who had a family member stricken with AIDS. Then she gradually took on clients who had the disease. Today, people with AIDS make up about half of her clientele.

"Counseling people with AIDS is a challenge," Gilbert says. "AIDS victims have many burdens to confront: They have to deal with the stigma of having the disease and must face dying a potentially painful death, often at a young age."

Many individuals with AIDS come to her in terrible emotional pain. "I respect them for having the courage to want to see their lives evolve when they have this horror always in view," she says. "When you're 30 years old and forced to believe

Martin Schweig Studio



*Susan Gilbert*

that you're not immortal, it pushes you to get a lot done. After my clients have become comfortable and have resolved the immediate, urgent stress, they begin to think of this time as an opportunity.

"They have a tremendous drive to learn who they are," Gilbert continues. "They continue to think about the disease every single day of their lives, but it isn't foremost in their minds. They don't have to probe and look around it to think about life: being productive, having a future, going back to school."

Emphasizing that AIDS is not limited to gay individuals, Gilbert says her clients also include women and heterosexuals. She believes that no one should treat AIDS sufferers as outcasts. "These are just wonderful people who aren't supposed to be dying at 30, 35, and 40 years old."

Some of Gilbert's other clients are Washington University students; she enjoys working with students from WU and other schools on issues facing young adults because "they push me to think in new ways," she says. Gilbert also remains part of the University community by spending time on campus enjoying many of the same events and activities she participated in as a student and, before that, as a child growing up two blocks from the Hilltop. She attends concerts, swims in the Athletic Complex pool, and takes piano lessons.

"I love that campus," she says. "I take long walks there every week." ■

—Laureen Schipsi

**Branch Morgan III, LA 74**, has his 20th anniversary as a professional dancer/choreographer this year. He was selected to participate in the 1995 Maryland State Dance Showcase Workshop for Choreographers, led by Jennifer Muller.

**Robert A. Rosenblum, HS 74**, left ophthalmology after 25 years to join A.G. Edwards and Sons in Essex, Conn., as an investment broker. In June he received an M.S. in finance from Polytechnic Institute of New York.

**Wendell E. Wickerham, LA 75**, was promoted to senior associate at the Boston architectural firm of Shepley, Bulfinch, Richardson, and Abbott.

**Melanie Cobb, GR 76**, is associate professor of pharmacology at the University of Texas Southwestern Medical Center at Dallas. She received the Max Planck Research Award for her work as the leader of the cell regulation and signal transduction program in the Harold C. Simmon Comprehensive Cancer Center at UT Southwestern.

**Allan Trautman, LA 76**, received an M.F.A. from the California Institute of the Arts in 1978 and has worked steadily as an actor and puppeteer. Among his TV credits are *The Letter People*, *Dinosaurs*, *Muppet Classic Theatre*, and *Unhappily Ever After*. A film, *Babe: The Gallant Pig*, was released this fall. He is married and has two sons, aged 7 and 5.

**Deb Rich, LA 77**, is a psychologist and director of the Rape and Sexual Assault Center in Minneapolis, Minn. She is in private practice, specializing in perinatal bereavement counseling and education. She volunteers with Red Cross National Disaster Mental Health Services and performs with the Minneapolis Community College Gospel Choir. Deb lives in St. Paul, Minn., with partner Gregg Eichenfield and 8-year-old daughter Yael.

**Julie Sattlor Rosene, LA 77**, is a co-founder of the Betty Brinn Children's Museum in Milwaukee, Wis. She was also named a *Milwaukee Magazine* 1995 Milwaukeean of the year for her efforts in founding and creating this new facility.

**Mitch Binder, LA 78**, and wife Pamela have a son, Matthew Kennedy, born April 3, 1995; they live in Silver Spring, Md.

**Neil B. Caesar, LA 78**, was named to the advisory board of *Managed Care* magazine; he is a contributing editor and authors the magazine's "Legal Forum" column. He and his wife, Alison, live in Greenville, S.C., with their children, Lindsay Kate and John-John.

**Patricia E. Wirth, SI 78, SI 80**, was honored at the annual Tribute to Women and Industry award dinner in recognition of her significant contributions to AT&T Bell Laboratories in Holmdel, N.J., where she is department head for teletraffic theory and system performance.

**Paul DeMuro, LW 79**, a partner at Latham and Watkins law firm, was elected to the Healthcare Financial Management Association's national board of directors.

**Peter G. Leemputte, EN 79**, was appointed vice president and controller at Armco Inc. He lives in a suburb of Pittsburgh with his wife and four children.

**Jane Jones Peck, GR 79**, received elementary and reading certification from Iowa Wesleyan College and now teaches reading in Ft. Madison, Iowa, where she lives with her 13-year-old son.

**Karen (Harting) Weltzin, PT 79**, was recently married and lives in Brandon, Iowa.

## 1980s

**Vivian Goldman Bloch, LA 80**, and **Nathan L. Bloch, BU 80**, have a son, Aaron Solomon, born March 21, 1994; he joins siblings Benjamin and Naomi. They live in Skokie, Ill.

**Bob Danforth, LA 80**, is an attorney with McGuire, Woods, Battle, and Boothe in Charlottesville, Va., where he practices in the area of estate planning and administration. He also teaches a course in this subject at the University of Virginia School of Law.

**Virginia Kirkpatrick, UC 80**, of CVK Personnel and Management Training, was appointed capital formation chair of the Missouri delegation for the 1995 White House Conference on Small Business.

**Betsy Ross Sandford, LA 80**, and husband **Scott Sandford, GR 81, GR 85**, have a son, Nathan Ross Sandford, born March 28; they live in Santa Clara, Calif.

**Patti Berendzen Siegel, LA 80**, has a son, Joseph David, born Feb. 4, 1994; he joins siblings Matthew and Rachel. They live in Manchester, Mo.

**Vic Chandhok, LA 81**, and wife Sarah Albert have three daughters: Laura, 9; Carrie, 6; and Susannah, 3. They live in Dallas, Tex., where Vic has been a partner with the law firm of Conant, Whittenburg, Whittenburg, and Schlachter since January 1992. Classmates can find Vic on the Internet at 75014.1170@compuserve.com.

**Frederick L. Heger Jr., GB 81**, was promoted to plant controller at Monsanto's Delaware River Plant in Bridgeport, New Jersey. He resides in Chadds Ford, Pa., with wife Eleanor and daughters Amy, 7, and Beth, 5.

**Elizabeth K. Quigley, LA 81**, is vice president and director of insurance operations with Holton Associates, in St. Louis.

**Jorge A. Raichman, HS 81**, and his wife **Deborah R. Raichman, GR 81, GA 83**, have a son, Avraham Pinchas, born April 7, 1995; he joins siblings Moshe Chaim, Arieh Leib, Chaia Etoile, and Judith Elisheva; they reside in Houston, Tex.

**Peter Douglas Steinberg, LA 81**, is an account supervisor at Stratis Health Communications, in New York City.

**Jeffrey E. Fine, LW 82**, has been appointed a shareholder in the St. Louis office of the law firm Polsinelli, White, Vardeman, and Shalton.

**Lee Fleischer, LA 82**, received an M.D. degree from McGill University in 1987 and completed a general surgery residency at Beth Israel Medical Center in New York City in 1992. He is a partner in a surgical practice in Suffern, N.Y., where he lives with his wife, Marla, and children, Brian and Lauren. E-mail from fellow classmates is welcome at FSlee@aol.com.

**Jerry Foshage, EN 82**, received a technical achievement award from Honeywell Satellite Systems Operations (formerly Sperry) for his innovative work on a high-speed motor/generator for flywheels. He is a principal engineer who has worked with Honeywell for the past 10 years on electromagnetic subsystems for spacecraft. He is married to **Virginia Eastland Foshage, GR 85**; they have two daughters, Allie and Audra, aged 2 and 5.

**Avram Glazer, BU 82**, was named president and chief executive officer of Zapata Corp., the Houston-based natural gas service company founded by former President George Bush in 1953.

**Jennifer Goldberg Low, LA 82**, and husband Daniel have a daughter, Hannah Ruth, born Jan. 6, 1995; they live in St. Louis.

**Heidi Schelling, HA 82**, and **Dana Bertogli, HA 81**, have a daughter, Erica Helene, born March 6, 1995; she joins 6-year-old Michael, and they live in Evanston, Ill.

**Howard Dworsky, EN 83**, married Yvonne Villareale Nov. 6, 1993; they live in Rochester, N.Y.

**Deborah A. Edwards, LW 83**, is vice president and general counsel of United Financial of Illinois, in Naperville, Ill.

**Debra (Dinkin) Feldman, LA 83**, and husband Gene have a son, Jay Aaron, born Dec. 22, 1994; they live in Buffalo Grove, Ill.

**Joshua Haims, BU 83**, has paired up with Chicago artist Jane Talman to form Jane Talman+, a manufacturer of whimsical, high-end accessories and children's furniture. He is responsible for manufacturing, financial management, marketing, and strategic planning. He also continues to work as an artist representative.

**Brian Shaffer, LA 83**, assistant professor of English at Rhodes College in Memphis, received the college's top faculty award for scholarship for demonstrating significant scholarly activity.

**Paul Breuer, FA 84**, of St. Louis, was Afton School District's nominee for the Sallie Mae First Class Teacher Award recognizing outstanding elementary and secondary school teachers in their first year of teaching.

**Lisa Henner Criste, LA 84**, and husband Michael have a son, William Walter, born Sept. 8, 1994; they live in Chicago.

**Suzanne Garry, LA 84**, is the senior brand manager at Leaf North America, one of the country's largest confectioners.

**Michael W. Lochmann, LW 84**, was included in the current edition of *International Who's Who of Professionals*. He is an attorney with Stinson, Mag, and Fizzell, P.C., of Kansas City, Mo.

**Renee (Speck) Luba, LA 84**, received a D.D.S. degree from Georgetown University in 1988. She and husband Don were expecting their fourth child in July. Renee would like classmates to write to her at 24110 Mallard Ct., Salinas, Calif. 93908.

**Lori (Hollander) Moldovan, LA 84**, and husband Fred have adopted Rachel Hanna, born Dec. 1, 1994. Lori has left her position as a trust officer for Northern Trust Bank of Florida to pursue full-time motherhood and part-time business as a food consultant.

**Alan J. Moltz, LA 84**, and wife Sharon have a son, Eric Daniel, born Dec. 5, 1994; he joins sisters Lindsey and Jill. Alan has a private dental practice in downtown Chicago.

**Adam Segal, LA 84**, married Carol-Jane Rand Sept. 18, 1994; they reside in Brooklyn, N.Y. They have changed their last name to Segal-Isaacson and have an article,

"Antioxidant Supplementation in HIV/AIDS," published in the July issue of *The Nurse Practitioner*.

**Sandy Spatz, LA 84**, and Tracy Hultgren have a daughter, Emma Spatz Hultgren, born Nov. 14, 1994; they live in Chicago.

**Thomas J. Stueber, LA 84**, was elected a shareholder of Kinney and Lange, a Minneapolis law firm specializing in intellectual property law. He continues to practice patent, trademark, and copyright litigation.

**Deborah Cohen Abenante, LA 85**, and husband **Vincent Abenante, LA 85, GR 88**, have a daughter, Sarah Marie, born Jan. 22, 1995; they reside in Long Island, where Vincent will be doing his residency in internal medicine.

**David S. Blumberg, BU 85**, and **Sydney Duffey-Blumberg, EN 85**, have a daughter, Hannah Louise, born Oct. 12, 1994; they live in New York City.

**Michael Kasen, BU 85**, was promoted to senior internal auditor of gaming for Hilton Hotels and is living in Las Vegas.

**Elizabeth Weissman Lorry, LA 85**, married David Samuel Lorry on Aug. 27, 1994; they live in Wynwood, Pa. She is an attorney with Marshall, Dennehey, Warner, Coleman, and Goggin, and David is an attorney with Dechert, Price, and Rhoads.

**Janet Metz, LA 85**, married Michael Unger; they live in Sherman Oaks, Calif. Janet is an actress; Michael, a director/producer.

**Fran Teplitz, LA 85**, is executive director of the Peace Action Education Fund in Washington, D.C. She received an honor roll award from the Washington Center for Internships and Academic Seminars.

**Alice M. Treumann, LW 85**, married Robert H. Ripley on Feb. 1, 1995; they live in St. Louis.

**Randall Brown, GR 86**, was promoted to associate professor of physics at Luther College, in Decorah, Iowa.

**James J. Callahan, EN 86**, is a specialist in engineering automation at McDonnell Douglas Aerospace East in St. Louis. He received a "teammate of distinction" award in March for developing, testing, and documenting new software called PJS, which provides a common system for printing and plotting at McDonnell Douglas.

**Dawn Wallarab Conn, LW 86**, and husband Michael have a son, David Michael, born Nov. 7, 1994; they live in Virginia Beach, Va.

**Kathleen Fagan Eldridge, OT 86**, and husband Brian have two children, Elyse Marie, born Jan. 4,

## Bridging the Diagnosis Gap

**F**rank Vinicor, M.D. '67, heads one of the country's biggest missing-persons operations. The people he's looking for, as recently elected president of the American Diabetes Association (ADA), are the estimated seven million adults who have diabetes but don't know it.

"Only half of those who have diabetes are diagnosed. The rest are asymptomatic or only mildly symptomatic," says Vinicor. For the past 19 years, Vinicor has worked as a volunteer with the ADA, the nation's leading voluntary health organization supporting diabetes research, information, and advocacy. The ADA has offices in every state and more than 800 communities.

"The statistics about undiagnosed diabetes are particularly troublesome because diabetes is the leading cause of blindness, kidney failure, and amputation in this country," says Vinicor. "This diagnosis gap is even more tragic because recent research shows that proper management of diabetes can prevent its complications."

As president of ADA, Vinicor's agenda includes supporting a new nationwide educational campaign about diabetes, promoting increased support for research, and monitoring changes in health care delivery to ensure that diabetes care does not get shortchanged by cost-cutting strategies.

Vinicor's professional and volunteer activities continue a long tradition of Washington University leadership in the study and treatment of diabetes. And he will be followed in the presidency by another Washington University-trained endocrinologist, Philip E. Cryer, professor of medicine at the School of Medicine.

"I had my first exposure to endocrinology in med school," says Vinicor. "The Washington U. faculty in endocrinology and metabolism was impressive. They were the big names—William Daughaday, David Kipnis, Robert Utiger. They got me fired up. The rest is history."

That career history includes internship and chief residency in endocrinology at Indiana University School of Medicine; serving as chief of the department of hospital clinics at Ireland Army Hospital, in Fort Knox, Kentucky; and numerous articles, papers, lectureships, and fellowship in the American College of Physicians. In 1993



**Frank Vinicor**

the ADA honored him with the Charles H. Best Award for Distinguished Service in the Cause of Diabetes.

That same year, Vinicor switched from clinical and academic medicine to public health, earning a master's degree from the University of North Carolina School of Public Health, in Chapel Hill.

"Over the years, I began to see that, while the one-to-one relationship between doctor and patient would always be important, the public health aspects of medicine—setting standards of care and working toward prevention—can make an enormous difference in the overall quality of care," he says. "And the most positive impact is when private medicine and public health medicine work together."

Vinicor applies those perspectives as director of diabetes translation at the National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, a position he has filled since 1989. His job is to help translate research findings into information and programs for clinicians and their patients—to move research results from the lab to the doctor's office.

With a national agenda to promote, Vinicor still finds time for outside activities, notably scuba diving and running.

"I like to describe myself as a fairly typical Type A who wants to do the proper things when I take on a responsibility," he says. "My therapist would probably call me driven."

—Gloria Shur Bilchik, A.B. '67, M.A.T. '68

1993, and Mason DeBow, born July 12, 1994. They live in Goshen, Ind., where Kathleen works as supervisor of in-patient services at St. Joseph's Medical Center in South Bend, Ind.

**Carol (Lovisek) Gottschalk, LA 86**, married Mark Gottschalk July 16, 1994; they live in Agawam, Mass. After teaching math for three years and working in systems development for Massmutual Life Insurance for five, Carol is a systems consultant with Securities Software and Consulting.

**Randi Val Morrison, LA 86, LW 89**, returned to St. Louis from Phoenix to serve as in-house counsel for Venture Stores, focusing primarily on real estate law. She would love to hear from classmates in the St. Louis area.

**Jose L. Nieto, LA 86**, and **Gloria (Colon) Nieto, FA 87**, live in Puerto Rico with two-year-old daughter Glori and are happily anticipating the birth of their second daughter. Jose is a partner in the law firm of Totti, Rodriguez, Diaz, and Fuentes in San Juan.

**Steven R. Selsberg, LW 86**, and his wife, Lita, have a son, Bradley Dylan, born Feb. 1, 1995; he joins two-year-old Jared Michael. Steve is a litigator at Weil, Gotshal, and Manges in Houston, Tex.

**Robert C. Strain Jr., LA 86**, received a master's degree in international management from the American Graduate School of International Management (Thunderbird), in Glendale, Ariz., in August 1993 and accepted a position with Sigma Chemical Co. in St. Louis.

**Jerry Abrahams, LA 87**, is an assistant vice president in the capital markets group at Smith Barney in New York City.

**Omer Ahmed, LA 87**, and **Karen Hunt Ahmed, LA 90, GB 90**, have a daughter, Ozakh Jehan, born Nov. 20, 1994; they live in Dubai, United Arab Emirates. Omer is a private banker with Merrill Lynch International, and Karen is a financial consultant.

**Penelope H. Barber, LA 87**, and husband Howard S. Bell have a son, David Howard Barber Bell, born Oct. 13, 1994. Penelope and Howard are both pastors in the United Methodist Church.

**Joseph G. Brin, GA 87**, is an architect and fine art painter who has a new solo architectural practice based in Philadelphia, Pa. He was awarded third prize in a national architectural design competition for college housing.

**Joy S. Copper, GB 87**, is director of corporate planning and development for Mallinckrodt Group, a

St. Louis-based company that provides human and animal health products and specialty chemicals.

**Jaime Friedenbergl, LA 87**, and husband Ted have a son, Benjamin Matthew, born Jan. 15; they live in North Tarrytown, N.Y.

**Paul W. Eykamp, LA 87**, finished his doctorate at the University of California, San Diego, and his second term as vice president of the Graduate Student Association. He says he is living the Midwestern dream, as his home is half a block from the Pacific Ocean with a great view from the pool.

**Andrea Greene Goldman, LA 87**, practices real estate law in New York and is married to Michael Goldman, an orthodontist practicing in Port Jefferson and Shirley. They have a son, Jonathan Aaron, born Nov. 26, 1993.

**Cindy Grushin, LA 87, GB 93**, is a corporate planning analyst/economist at Anheuser-Busch Co., in St. Louis.

**Erik Kocher, GA 87**, is a vice president at Hastings and Chivetta Architects in Clayton, Mo., and recently had his Liberty Community Center project published in the municipal projects issue of *Progressive Architecture*.

**Richard Lambakis, BU 87**, is the marketing manager of AMC Theatres' west division and lives in Manhattan Beach, Calif.

**Shawn McNulty, LA 87**, and wife **Julie McNulty, LA 87**, have a son, Patrick Benjamin, born March 15, 1995; he joins 4-year-old Christopher Matthew. Shawn and Julie welcome e-mail from their classmates at [mcnulty@netaxs.com](mailto:mcnulty@netaxs.com).

**Cori Holsinger Hartje, GR 88**, received a certificate of recognition from Kansas governor Joan Finney for Cori's work for the last two years on the Governor's Commission for Partners in Post Secondary Education in Kansas.

**Julie M. Jones, LA 88**, married Gregory J. Rohde in September 1994; they live in St. Louis, Mo.

**Harshini Joshi, EN 88, SI 90**, married Stephen Delity in a traditional Hindu ceremony (yes, he arrived on a white horse) on Sept. 4, 1994. Stephen, a mechanical engineer, is attending Harvard to obtain an M.B.A., and Harshini is a process engineer at ENSR and on assignment in Australia.

**David Kindermann, LW 88**, and **Anna Kindermann, LW 90**, have a son, Graham Louis, born Jan. 18, 1995; he joins 2-year-old Stephen Charles, and they live in Rockville, Md.

**Jim Krekeler, GB 88**, is a general principal in the Jones

Financial Companies, the holding company of the financial services firm of Edward D. Jones and Company.

**Colleen Louise Wapole, LA 88**, married **Michael Pastreich, FA 90**, on July 19, 1992. She received her master's degree in bilingual education from National-Louis University in 1990 and teaches elementary school in San Jose, Calif. Michael received a Fulbright scholarship upon graduation and studied at the Design Institute in Lahti, Finland, for a year. He is currently the concerts manager of the San Jose Symphony.

**Juris Breikss, LA 89**, would like to locate some of his fellow classmates; he can be contacted by e-mail at [73524.2237@compuserve.com](mailto:73524.2237@compuserve.com).

**Ivan J. Dolowich, BU 89**, and wife Gayle have a daughter, Jill Tara, born July 1, 1994.

**Andrew S. Epstein, LA 89**, is an associate in the litigation department of Porzio, Bromberg, and Newkman P.C., with offices in New York and New Jersey.

**Diana Laulainen, LA 89**, married **Joel Corey Schein, MD 95**, on May 27 in Sioux Falls, S.D. Joel began his residency in radiology at the University of Minnesota on July 1. Diana will be pursuing a doctorate in history.

**Pravin B. Rao, GB 89**, received a J.D. from the University of Illinois College of Law and is a member of the Illinois Bar. He is serving as an assistant state's attorney in Cook County, Ill.

**Steven K. Sims, LW 89**, was named assistant general counsel of United States Can Co. of Oak Brook, Ill.

**Julia Weber, LA 89, SW 94, LW 94**, works in the Family Court of St. Louis County on child custody cases and has taught a course on law and gender for Washington U. Women's Studies. Julia would like to hear from classmates via e-mail at [jfweber@icon-stl.net](mailto:jfweber@icon-stl.net).

**Michael S. Weinstein, BU 89**, married **Suzanne Osborn, BU 90**, on Sept. 17, 1994, in Cedar Rapids, Iowa. They reside in Northbrook, Ill.

## 1990s

**Garrett Gregg, LA 90**, married Colette Brandes in July 1994. He served over three years with Missionary Athletes International as a nondenominational Christian missionary, using soccer as an outreach tool. He is now a graduate student in Spanish at the University of California, Irvine, and his wife teaches at Friends Christian School.

**Jesse Hade, LA 90**, received an M.D. degree from New York Medical College and is now a resident in ob/gyn at Kings County Medical Center, in New York City.

**Cynthia Haywood, EN 90**, married Roger Kerkemeyer May 21, 1994; they live in Ballwin, Mo. Cynthia is employed by AT&T Network Systems.

**Lori J. Kutka, LA 90, MD 95, GM 95**, completed a master's degree in developmental neuroscience as a Howard Hughes Medical Student Research Fellow at Washington U. School of Medicine. She has begun a pediatrics residency at St. Louis Children's Hospital.

**Scott J. Ladewig, EN 90, GB 95, SI 95**, is manager of information systems at VisionAire Corp., in Chesterfield, Mo.

**Katie Marantette, LA 90**, is a financial analyst in mergers and acquisitions with Montgomery Securities in San Francisco, Calif.

**Elena Noto Marcelle, LA 90**, married Tom Marcelle January 14, 1995. After her dental residency is complete this year, they plan to move to Albany, N.Y.

**Keith D. Mortman, LA 90**, married Kristy Deal on June 11, 1995; they live in Silver Spring, Md. Keith is a resident in general surgery in Washington, D.C., and Kristy is completing her nursing degree and works for an area medical center.

**Wendi Niad, LA 90**, married Steven Chasman Oct. 30, 1994; they live in Marina del Rey, Calif. She is a motion picture literary agent at International Creative Management in Beverly Hills, where Steven is a motion picture talent and music agent.

**Charles Dirk Peterson, LW 90**, joined the Washington, D.C., office of Mayer, Brown, and Platt as an associate in the financial institution regulatory group. He was a senior counsel with the U.S. Securities and Exchange Commission, where he received the 1994 chairman's award for excellence.

**Jodi Sheldon Polzin, LA 90**, and husband David have a son, Samuel Sheldon, born Sept. 7, 1994; they live in St. Louis.

**Barbara Robinson, SW 90**, retired from Missouri's Division of Children's Services after 18 years. She has a private practice in individual, family, and group counseling.

**Bob Carrico, LA 91**, is the legislative assistant to Congressman Steve Chabot of Cincinnati. He sends out warmest good wishes to everyone.

**Julia Denney, LA 91**, placed fourth among women when she ran the Hyannis Marathon and also placed 328th among 2,000 women in the Boston Marathon. She plans to pursue a master's degree in environmental education through a traveling program co-sponsored by Lesley College and the Audubon Institute.

**Scott Gulinson, LA 91**, graduated from University of Colorado Health Sciences Center and began ob/gyn residency at the University of Texas Health Sciences Center, in San Antonio, Tex., on July 1.

**Eric T. Heist, EN 91**, married **Amy E. Chapline, LA 92**, on December 30, 1994, in Oklahoma City. Eric is a platoon leader in the U.S. Army at Ft. Drum, N.Y.

**Jon Hodapp, EN 91**, has received a master's degree in applied physics from Johns Hopkins University and will be attending St. John's College in Annapolis, Md., this fall. He enjoys biking, backpacking, fencing, and making home brew. He says the highlight of the past year was a three-week trip across West Africa.

**Susan Josephson, LA 91**, works in the New York University School of Law Office of Development and Alumni Relations as a coordinator of reunion activities and fund-raising events. She previously worked in Washington, D.C., as a fund-raising conference planner for the Council for Advancement and Support of Education (CASE).

**Rachel Leiner, LA 91**, received her M.A. in Spanish literature from the University of Michigan in April 1995.

**Michael Pfeifer, LA 91**, published an analysis of Iowa's last lynching in the fall 1994 issue of *The Annals of Iowa*. He received his master's degree from the University of Iowa, where he is a doctoral candidate in history.

**Sophia Pierroutsakos, LA 91**, married **Garth Silvey, LA 89**, on Nov. 26, 1994 in St. Louis. They reside in Champaign, Ill., where Sophia is a Ph.D. student in developmental psychology and Garth is a sales representative for Sentry Insurance and a collegiate basketball official.

**Anne Stepp, FA 91**, married Tony Rotondo in April; they live in Missouri City, Tex. Anne has worked for a Houston advertising agency for almost two years.

**Gerald Wilhite, GB 91**, is the general manager of Abbey Press in Saint Meinrad, Ind. He, his wife Laurie, and three children reside in Santa Claus, Ind.

**Corey N. Berger, LA 92**, is an actuarial specialist with Towers

## Entertaining Her Readers—and Herself

**A**bbey Frucht, A.B. '78, is known for her tendency to exaggerate—hardly a laudable trait in most professions, but an estimable exaggeration is characteristic of most fiction.

"Fiction tends to stretch and heighten whatever it is that is being examined at the time," she says. "The novel I'm currently working on is somewhat surreal, but I also exaggerate characters and ideas in the other extreme. My last book, *Are You Mine?* is hyper-realistic. The idea is not to create an otherworldly universe, but to shape a book's skewed mood and slightly unnatural law with conviction and purpose."

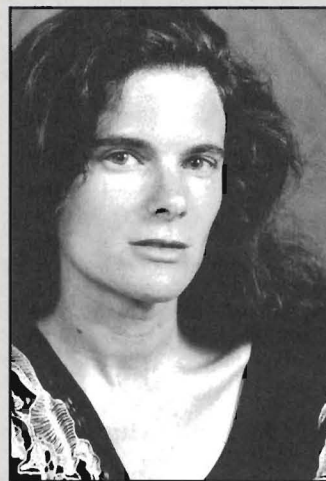
Frucht's books—*Snap* (1988), *Fruit of the Month* (1988), *Licorice* (1990), and *Are You Mine?* (1993)—have been lauded by *The New York Times Book Review* and have garnered literary awards. Reviewers often describe them as sensory experiences.

"Most people describe my books as sensual—not in reference to sex but to the way the world is perceived through all of the senses," says Frucht. "My books tend to be playful. I'm generally optimistic, and that tendency shows. The book I'm working on now is about a fatal illness, yet there's a sense of magical discovery in the midst of a serious topic."

Despite these threads of similarity, she says each book is quite different. In *Snap*, Frucht says she was determined to create entirely invented characters. But an opposite technique was used in *Licorice*: the main characters were affectionately exaggerated versions of herself and her friends; the setting of *Licorice* is "a psychotic version" of the Ohio town where she lived while she was writing the book.

"I don't want to work in any one format continuously," says Frucht. "It's important to keep entertaining myself if I want to entertain my readers."

Frucht decided to be a writer "probably at age eight," she says. "I never questioned the impulse." As a student at Washington University, Frucht studied English with a creative writing emphasis. Her short fiction began showing up in literary reviews in 1978, the same year she



**Abby Frucht**

graduated. She says she thoroughly enjoys her "life as a writer."

"I like the varied texture of my days. During any given week I might be working on my novel, reading someone else's book for review, and then writing the review, going over my students' work, and composing a column or essay."

Frucht has taught creative writing classes and workshops throughout most of her career. Currently she works with MFA students in the writing program at Vermont College, in Montpelier, Vermont. Her awards received include the 1991 New Voices Award for fiction, for *Licorice*; the 1987 Iowa Short Fiction Award, for *Fruit of the Month*; and a National Endowment for the Arts Fellowship for fiction. Both *Snap* and *Are You Mine?* appeared on *The New York Times Book Review's* list of notable books. Frucht's essays and reviews have been published in periodicals including *The Village Voice*, *The New York Times Book Review*, *The Boston Globe*, and the *Philadelphia Inquirer*.

At the time she was interviewed for this article, Frucht, who lives in Oshkosh, Wisconsin, with her two sons, Alex and Jess, was working on an essay about how writing and motherhood intersect.

"The main thing I'm realizing is that there will never be secrets or emotional distance from my children," Frucht says. "Everything that's closest to me and most important is right there on the page." ■

—Kristin Bakker

Perrin of Atlanta and an associate of the Society of Actuaries.

**Michelle Crowell Coburn, BU 92**, is a benefits administrator for MCI and is certified as a sales perceiver specialist. She uses a new interviewing method developed by the Gallup Organization.

**Jamie Cope, EN 92**, married Amy Adams in November 1994. He started Destiny Images, a computer animation company. One of his animations won the West Virginia International Film Festival. Classmates are welcome to write to him at P.O. Box 317, Alderson, WV 24910.

**Donna Ford, GR 92**, has moved from Missouri to West Virginia, where she is herbarium curator and assistant professor of biology at West Virginia University, Morgantown.

**Jill Gressin, LA 92**, is in her third year of medical school in New York.

**Dan Kaliner, LA 92**, and **Cheri Stiefel, LA 92**, were married in St. Louis in March. Dan graduated from Penn Law this spring, and Cheri is teaching elementary school outside Philadelphia.

**Andrew Kleine, LA 92**, married Kelly Lindsley on Sept. 9, 1995; they live in Arlington, Va. Andrew received a master's degree in public policy in 1994 and is presidential management intern in the Office of the Secretary of Transportation in Washington, D.C.

**Athanassios Papaioanu, SI 92**, is an M.B.A. student at Goizueta Business School of Emory University and works as an associate

banker with Legacy Investment Group.

**Rhona Seidman, BU 92**, married Lou Fromm on Nov. 19, 1994; they live in Philadelphia, Pa.

**Brandon Troy Smith, FA 92**, reports that he has started his own apparel line of "sexy, glamorous dresses" under the label "Troy," which is sold at the finest boutiques in New York and South Beach, Fla. He is seeking investors to "take the business to the next level and beyond."

**Karen Ellen Weiss, LA 92**, earned a J.D./M.B.A. and will begin her work as an attorney with Anderson, Kill, Olick, and Oshinsky in September.

**Elizabeth Williams, FA 92**, married **Jeremy Gerard, LA 91**, May 28, 1994; they live in St. Louis. Elizabeth is a graphic designer for a consulting firm and Jeremy is working on a master's degree in opera at Washington U.

**Robert O. Buer, GB 93**, was elected central region vice president of the the American Compensation Association, a not-for-profit association headquartered in Scottsdale, Ariz.

**Robert Dunaway, EN 93**, and wife Michele have a daughter, Alison Joelle, born March 18, 1994; they live in Kirkwood, Mo. Bob is managing the air quality engineering group at Environmental Science and Engineering.

**Laura M. Gorbea, LA 93, FA 93**, married **James A. O'Malley IV, EN 92**, in September 1994 in San Juan, Puerto Rico. Laura is working on her doctorate in anthro-

pology at Stanford University, and Jim works for Mass. Electric Company and is involved in the extension of the Bay Area Rapid Transit System; they live in Oakland, Calif.

**David Halliburton, BU 93**, and **Amy Fisher, LA 93**, were married on Sept. 10, 1994; they live in Chicago, where David works for Comerica Bank and Amy works for Stein and Company.

**Deborah Handler, LA 93, OT 94**, married **Gary Solomon, LA 92, OT 93**, March 18, 1995; they live in Chicago, Ill. Both are occupational therapists; Debbie is on staff at St. Francis Hospital and Gary at Rush University Medical Center.

**Erik G. Trusler, EN 93, GB 93**, is a lieutenant in the U.S. Army and is stationed at Fort Riley, Kans.

**Laura C. Berendson, GB 94**, was one of five finalists for Washington U.'s Tandy Prize for best ethics paper and won the Towle Prize for strongest academic achievement in human resource management and organizational behavior. She is now a developmental editor in the medical division in the St. Louis office of Mosby-Year Book.

**Michael Peters, LA 94**, married **Lora Norback, BU 94**, on July 16, 1994, in Minneapolis, Minn. Both are USZ missionaries in Helena, Mont.

**Bryan Sayler, LA 94**, is employed by the JET Program, teaching English and working in City Hall in Shimbabara, Japan. He has traveled to many Japanese cities and spent spring break in Malaysia and Singapore.

## In Memoriam

### 1920s

Wallace L. Rinehart, EN 22; 3/95.

Gervais Dean Smith, MD 22; 1/95.

William L. Reiman, BU 23; 6/95.

Juna L. Reynolds, LA 23; 1/95.

Helen D. Gallandt, LA 24; 3/95.

Alfred M. Langenbach, MD 25; 12/83.

Florence (Rich) Myers, DE 26; 5/95.

Egon A. Siegerist, EN 26; 4/95.

Walter D. Claus, LA 27, GR 29, GR 31; 5/95.

Oscar A. Elsner, DE 27; 4/95.

Edwin J. Euler, EN 27; 6/95.

Maude Jacobs, LA 27; 3/91.

Ross H. Bradley, DE 28; 9/94.

Jesse V. Westerman, DE 28; 3/94.

Emma Inman Williams, LA 28; 4/92.

Margaret (Lewis) Hervey, NU 29; 2/95.

Bernice Hosch, LA 29; 11/94.

Alice Bradford (Maggee) Johnson, LA 29, GR 30; 5/95.

Max Kramer, EN 29; 12/94.

James M. MacNish, MD 29; 2/95.

Harold L. Smith, EN 29; 5/95.

### 1930s

William O. Daley, BU 30; 4/95.

Charlotte (Wiegard) Fahey, LA 30, GR 31; 2/95.

Jane (Philippi) Hanke, FA 30; 6/95.

Laura C. Pickel, GR 30; 3/95.

Mary Seibel, NU 30; 11/93.

Gustav C. Thym, EN 30; 3/95.

Ward L. Cornwall, LA 31; 4/95.

Embert Watson Dwyer, LW 31; 4/95.

Marian (Ervin) Monroe, LA 31; 6/95.

Pendleton S. Tompkins, MD 31; 6/94.

James R. Amos, MD 32; 1/95.

John V. Blake Jr., MD 32; 9/94.

Harold H. Bowerman, GR 32; 4/95.

Eda H. Houwink, LA 32, SW 33; 5/95.

Paul E. Johansen, BU 32; 6/95.

Adelaide M. (Melville) Laughlin, LA 32; 3/95.

## ClassMates:

The ClassMates editor can be reached by mailing this form and also by fax and electronic mail. By fax: (314) 935-4259. By e-mail: p72245jr@wuvmd.wustl.edu. Send U.S. mail to: *ClassMates, Alumni News*, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130-4899.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Class Year: \_\_\_\_\_ School or College: \_\_\_\_\_ Phone: \_\_\_\_\_

Check here if this is a new address.

Please tell my classmates (use an additional sheet of paper if necessary):

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Ruby Marie (Hill) McCall, LA 32; 12/94.  
 Donald M. Paton, MD 32; 11/94.  
 Jack H.M. Gregory, EN 33; 2/95.  
 Ernest C. Havemann, LA 33, GR 34; 6/95.  
 George L. Mareschal, BU 33; 12/94.  
 Christopher H. Martin, MD 33; 11/94.  
 Howard M. Sloan, EN 33; 2/94.  
 Rosalie Solomon, LA 33; 4/95.  
 Marian Stolp, LA 33; 3/94.  
 Joe W. Daily, DE 34; 1/95.  
 Howard B. Graves, GR 34, GR 36; 1/95.  
 Lawrence M. Kotner, LA 34, MD 38; 5/95.  
 Charlotte Norma Wheeler Rankin, UC 34; 4/95.  
 Alfred K. Baur, LA 35, MD 39; 3/95.  
 G. Murray Coffey, EN 35; 4/95.  
 John A. Growdon, MD 35; 3/95.  
 Maria (Regnier) Krimmel, LA 35; 3/95.  
 Karl Magidson, LA 35; 3/95.  
 Vivian G. McCraven, LA 35, GR 36; 9/92.  
 Ruby L. (Taylor) Milliken, LA 35; 3/95.  
 V.M. Robertson, GR 35; 2/95.  
 Jean (Berger) Roufa, SW 35, SW 41; 3/95.  
 Ruth Frances (Bowling) Wasley, LA 35; 1/95.  
 Wallace E. Allen, MD 36; 10/94.  
 Mary Lee Epstein, LA 36; 2/95.  
 Joseph L. Hartley, DE 36; 12/92.  
 Lenna (Thomas) Mueller, AR 36, GA 37; 6/94.  
 Gerald T. Rosamilia, DE 36; 10/92.  
 William L. Sellers Jr., MD 36; 2/95.  
 Louis E. Zell, BU 36; 1/95.  
 Willis G. Geselbracht, EN 37; 8/94.  
 Mary E. (Barker) Hardy, LA 37; 4/95.  
 Cedric A. Miller, BU 37; 6/95.  
 Vincent Palmer, FA 37; 11/94.  
 Henrietta S. Smith, GR 37; 3/95.  
 H. Laveine Townsend, MD 37; 1/95.  
 Harold G. Meenen, BU 38; 2/94.  
 William P. Steinkamp, EN 38; 12/94.  
 John Elwin Taylor, GR 38; 11/94.

## A Rare Fusion of Science and Art

**P**lease don't touch the artwork" is an admonition that **Jay Krueger, A.B. '78, B.F.A. '78**, can safely ignore—at least on his job in the National Gallery of Art, in Washington, D.C., where he is conservator of modern paintings. Getting his hands on paintings by modern greats like de Kooning and Rothko is Krueger's business, one that embodies a rare fusion of science and art.

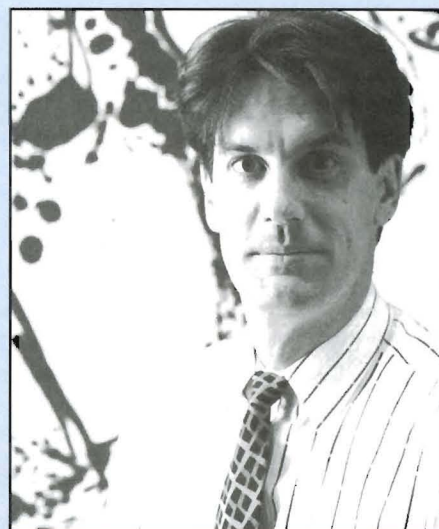
"I have one of the most beautiful hybrid occupations," says Krueger. "My first responsibility is to keep artworks from being damaged; once something is damaged, I have to make corrections, with an intricate understanding and respect for the artist's original intent and materials—that's where the chemistry comes in."

Working with modern paintings is quite different from the conservation of older paintings, Krueger says. Artists from earlier periods used only a very narrow scope of materials; but what Krueger calls an "incredible explosion" of artistic materials occurred after World War II, creating new challenges for conservators. Krueger, however, doesn't allow the science of his profession to mask the beauty of the objects he's conserving.

"I know for a fact that I've got one of the best jobs anywhere," he says. "I work with wonderful, beautiful objects every day. The feeling of awe I have is still very fresh. It's a delight to come to work."

One of Krueger's responsibilities involves protecting works being borrowed from or loaned to museums and galleries around the world. The environment in which pieces are shipped and displayed is crucial to their conservation. He has worked periodically with Washington U.'s Gallery of Art and praises its collection.

A combination of formal education and apprenticeships ushered Krueger into his specialized profession, and in 1992 into his current position, which is one of the most prestigious in his field. Krueger says Washington University's art school within its strong liberal arts university context provided an ideal springboard. In 1978 he earned both a Bachelor of Fine Arts degree in printmaking from the School of Art and a Bachelor of Arts degree in art history from the College of Arts and Sciences.



*Jay Krueger*

Krueger then entered the State University of New York, Cooperstown, which has one of three art conservation graduate programs in the country. In 1982 he earned a Master of Arts degree with a Certificate of Advanced Study in Paintings Conservation. But Krueger says formal education is just a fraction of the preparation necessary for the job.

"The combination of academic study and apprenticeship experience is crucial," he says. "You have to use your hands, not just sit in the classroom."

Krueger's experience includes conservator positions at the Kimbell Art Museum, in Fort Worth, and the San Francisco Museum of Modern Art. As an undergraduate, he was an apprentice at what then was the Washington University Center for Archaeometry. Currently, he serves as vice president and program chair for the American Institute for Conservation (AIC).

Krueger also has a close confidante who knows a lot about his field—his wife, Holly, who is a paper conservator at the Library of Congress, in the fine arts and manuscripts division. The couple has two sons, who remind Krueger of the real purpose of his work: protecting artistic resources for the future, in much the same way efforts are made daily to conserve the Earth's natural resources.

"Every day I am very consciously working toward the future," Krueger says.

—Kristin Bakker

Robert K. Byars, LA 39; 2/95.  
Margaret Ann (Ellis) Crowe, NU  
39; 6/95.  
John N. Elsworth, MD 39; 3/95.  
Ruth Peterson, NU 39; 10/94.

### 1940s

Malcolm D. Branson, DE 40;  
11/94.  
Patricia (McCown) Lehleitner, LA  
40; 4/95.  
Charles T. Dee, LW 41; 3/95.  
Florence J. Levy, SW 41; 8/94.  
Ruth W. Rothschild, LA 41, GR  
42; 6/95.  
Joyce M. Brueggeman, NU 42,  
GN 54; 4/95.  
Charles C. Jacobs, LA 42, MD 45;  
5/95.  
Marjorie (Johanning) Reitz, LA  
42; 3/95.  
Evelyn (Bly) Hackmeyer, FA 43;  
6/95.  
William G. Klingberg, MD 43;  
5/95.  
Marvin H. Knoll, BU 43; 6/95.  
Florence Ruth (Faulkner) Weber,  
LA 43; 12/94.  
Benjamin E. Marbury, MD 44;  
2/95.  
Gladys (Ishida) Stone, BU 44;  
12/94.  
Richard R. Cornwall, EN 45, SI  
46; 3/95.  
Frances (Handelman) Karty, SW  
45; 6/95.  
George R. Wolf, LA 45, LW 47;  
3/95.  
Bernell F. Dorrrough, MD 46;  
1/95.  
Lorraine (Stern) Feldman, OT 46;  
1/95.  
Richard F. Phillips, FA 46; 6/95.  
Frances St. Clair, GR 46; 2/95.  
Katharine L. (Moffat) Lynch, LA  
47; 4/95.  
James J. McMullen Jr., BU 47;  
5/95.  
Evelyn Davis (Driscoll) Amidon,  
SW 48; 5/95.  
Sally J. (Barrows) Braxton, LA  
48; 4/95.  
Dorothy (Meyers) Frank, GR 48;  
3/95.  
Mary K. Frizzell, SW 48; 1/95.  
Blanche Sybil (Shenker) Gack,  
LA 48; 2/95.  
Henry S. Marlor Jr., LW 48; 1/95.  
Morry L. Schimmel, EN 48; 3/95.

Nelson C. Vickrey Sr., UC 48,  
UC 52; 5/93.  
Shirley L. (Huff) Boyd, FA 49;  
3/95.  
Margaret A. Edmonds, OT 49;  
12/80.  
Charles E. Harris, BU 49; 2/95.  
J. Blake Heida, UC 49, GR 51;  
6/95.  
Gilbert J. McEwan, SI 49; 4/95.  
Dorothy Porterfield, BU 49.  
Frank R. Shear, BU 49; 6/95.  
Herbert H. Sweeney, BU 49;  
6/95.  
Max E. Wesner, GR 49; 12/94.

### 1950s

Donald H. Bopp, LA 50; 4/95.  
William C. Bowers, DE 50; 1/94.  
Mabel L.T. Coombes, UC 50;  
5/93.  
John N. Cupples, BU 50; 4/95.  
Mary Adeline (King) David, GR  
50; 3/95.  
Harry J. Fox Jr., BU 50; 6/95.  
Robert L. Hesse, LA 50; 6/95.  
Eva (Pilcher) Meier, UC 50;  
4/95.  
William J. Pannell, EN 50, SI 51;  
3/95.  
Raymond O. Reinhardt, BU 50;  
3/95.  
Donald W. Schaeffer, GR 50;  
2/95.  
Gerald C. Schniepp, LA 50; 5/93.  
Merle E. Schumacher, BU 50;  
6/95.  
Harold Silverman, GR 50, UC  
51, GR 52; 3/95.  
Gloria (Bott) Stith, OT 50; 5/93.  
William P. Thompson, BU 50;  
6/95.  
Peter A. Coulthard, EN 51;  
12/94.  
Leon J. Fine, EN 51, LA 52, GR  
67; 1/94.  
Hazel (Nelson) Funk, UC 51, GR  
58; 5/95.  
Lloyd R. Helm, DE 51; 2/95.  
Frank A. Jacobi, FA 51; 2/95.  
Alma S. Jolly, SW 51; 2/95.  
Letha M. White, SW 51; 1/95.  
Edward L. Woods, GR 51; 3/93.  
Lewis E. Adkins, MD 52; 7/94.  
Leonard Victor Becker, LA 52;  
11/93.  
Maurice Fine, UC 52; 11/93.  
Elizabeth M. Lotz, NU 52; 4/95.

Donald L. Opdyke, GR 52; 11/93.  
Dorothy G. Cooper, NU 53, NU  
64, GN 66; 2/95.  
Joy Ellen (Bloch) Kaplan, LA 53;  
6/95.  
Rose M. Karasek, GR 53; 3/95.  
William R. Mahne, BU 53; 8/93.  
William R. Richardson, LA 53;  
11/94.  
Joseph T. Dudley, LA 55; 3/95.  
Earl H. Greeson, GR 55; 5/95.  
Genola E. Laswell, SW 55; 5/95.  
Leona S. (Scheidler) Blowers, GR  
56; 4/95.  
Barbara (Kempf) Bolinger, OT  
56; 4/95.  
Robert L. Conrad, GR 56; 4/95.  
Jane L.C. Johanning, LA 56; 3/95.  
W. Ronald Neislar, EN 56; 2/95.  
Curtis L. Early, LA 57; 3/95.  
John B. Mathews, HA 57; 1/95.  
Nancy Voegel, MD 57; 3/95.  
Marvin J. Gibson, LA 58; 7/94.  
Marie (McIntosh) Giebler, GR 58;  
6/95.  
Mary Irene (Braswell) Palmer,  
UC 58; 3/95.  
Ernest W. Nolle, GB 59; 10/94.  
Eileen Joan (Pevnick) Rubin, LA  
59; 6/95.

### 1960s

Stuart E. Block, GR 60; 9/94.  
Ardis R. Jorndt, UC 60; 4/92.  
John P. Lampros, EN 60; 2/95.  
Mabel R. Reed, UC 60; 9/94.  
Mabel Elsie (Sutterfield)  
Dominick, UC 61; 3/95.  
Donald A. Emery, EN 61; 5/95.  
Gene A. Metz, TI 61; 9/94.  
Harold S. Petty, UC 61; 5/95.  
Christ G. Zinis, UC 61; 10/94.  
Edna Pearl Robinson, UC 62;  
5/94.  
Francis F. Zeitz, GR 62; 3/95.  
James T. Connell, LA 63; 1/94.  
Raymond Grossman, HA 63;  
1/95.  
Laverne L. Newman, GR 63;  
2/95.  
Jules C. Zirwes, UC 63; 4/95.  
William G. Bauer, UC 64; 2/95.  
Robert J. Green, EN 64; 12/94.  
Michael L. Sullivan, UC 65, UC  
66; 1/94.  
Wallace F. Walters, GR 65; 2/95.  
Daniel D. Withers, SI 65; 10/93.  
Mary Jean Berhorst, GR 66; 7/93.

Aubrey E. Boyd III, MD 66; 2/95.  
Elizabeth (Wertz) Miller, UC 66;  
6/94.  
Sanford E. Postar, UC 66; 12/92.  
Wei-Ching Tsai, SI 66, SI 70; 8/93.  
Susan R. (Irish) Virkler, OT 66;  
12/94.  
Ruth L. Reed, GN 67; 3/95.  
Franklin D. Lewis, UC 68; 5/94.  
John W. Gustafson, GR 69; 2/95.  
John C. Nelson, LW 69; 2/93.

### 1970s

George A. Eirich, LA 70; 5/91.  
Robert Lawrence Rosenfeld, UC  
70; 3/93.  
Kevin H. Rorke, BU 71; 9/94.  
Kenneth J. Lefkowitz, LA 72;  
6/89.  
Jon S. Perlman, LA 72; 11/94.  
Daniel A.K. Roncari, GR 72; 5/94.  
Richard Arnold Bennett Jr., LA 73;  
9/94.  
Benjamin G. Kunz, UC 73; 5/95.  
Daria (Tamar) Naftulin, GR 73;  
10/94.  
Gary Thomas Crank, GR 74; 3/94.  
Emmett John Manion, UC 74;  
5/95.  
Dorothy Lorraine Roper, GR 74;  
3/95.  
Joseph Herman Adrian, UC 75;  
5/95.  
Norman Eugene Camplain, UC 76;  
5/95.  
Stephen John Eckrich, UC 78;  
3/95.  
Jeffrey Scott Krewson, GA 78;  
3/95.  
Joseph Eugene Morris, TI 78; 4/93.

### 1980s

Mary Jane (Bouse) Simmermacher,  
UC 80, UC 82; 2/95.  
Douglas McLeod Reed, TI 84;  
3/95.  
Kenneth Ray Schweiss, BU 84;  
6/95.  
Jonathan Zerse Landgraf, LA 88;  
2/95.

### 1990s

Roger Eugene Burch Jr., GB 90;  
2/95.  
Elliott Evans Jr., SW 90; 1/95.  
Dean V.L. Ntanos, LA 93, GR 93;  
8/94.  
Stephen Kent Rothman, EN 93;  
6/95.

## In Remembrance

The entire campus community has mourned the death of **Melissa Gail Aptman, LA 95**, of Miami, Fla., who was murdered May 5 when she and another female undergraduate student were abducted late that evening after leaving a St. Louis City restaurant. Two young male assailants accosted the two students as they returned to their car and drove them to the East St. Louis area of Illinois, where Aptman was shot to death and her friend raped, shot, and left for dead. The surviving student, whose identity has been withheld, was hospitalized, subsequently released, and is recovering. To date, two suspects have been arrested and charged in the abduction and murder.

Aptman was awarded her degree posthumously at the May 19 Commencement ceremonies. The University held a memorial service in her honor, and the Class of 1995 also planted a tree on campus in her memory.

Aptman was the daughter of Lynn and Michael Aptman of Miami. Majoring in psychology and Spanish, she also took courses in Portuguese so that she could pursue an international career after graduation. Aptman was highly interested in children and their welfare. She also worked at the student newspaper, *Student Life*, and was an active member of the Pi Beta Phi sorority. She lived in University City.

The family has established the Melissa Aptman Memorial Fund so that gifts may be made to support programs that help children at risk in the St. Louis area. Gifts and checks should be made in the name of the Melissa Aptman Memorial Fund and should be sent to the Boatmen's National Bank of St. Louis, 800 Market St., St. Louis, Mo. 63101. Funds raised will be distributed to local children's agencies.

**Arno Cumming Becht**, professor emeritus in the School of Law, died June 1. He was 85. Becht was born in Peoria, Ill., and graduated from Colgate University in 1931. He earned his law degree from the University of Chicago and his master's degree and doctorate in law from Columbia University.

He joined Washington U. in 1940 after practicing law in New York City. He also served in the

Army in World War II. Becht was an authority on torts and environmental law, received the Washington University Alumni Faculty Award in 1975, and retired in 1978 as the Madill Professor of Law. He was a member of the Missouri Bar and a columnist for five years with the *Journal of the Missouri Bar*.

**Roland W. Bockhorst, AR 29, GA 34**, professor emeritus in the School of Architecture, died May 31 of infirmities at his home in Kirkwood, Mo. He was 90. He retired from the University in 1972, having taught courses in descriptive geometry, architectural graphics, and materials of construction and specifications for 36 years at Washington U.

He was a past secretary, treasurer, and vice president of the St. Louis chapter of the American Institute of Architects. In 1991, he received that organization's Distinguished Gold Medal award for outstanding achievements and service to the chapter and the community. He also worked as a building inspector for the city of Ladue for 20 years, retiring in 1975. In 1933, he was awarded the Steedman Traveling Fellowship.

**Alvin Goldfarb, LA 40, MD 43**, assistant professor emeritus of clinical surgery (general surgery), died March 30 at his Creve Coeur, Mo., home. He was 75. Goldfarb began his career at the School of Medicine in 1976 as an assistant professor of clinical surgery. He retired in December 1993 and attained the emeritus title in January 1994.

**Holly Hall**, curator of the University's rare books and special collections library, died of leukemia June 24. She was 48.

Hall had worked in the John M. Olin Library rare books and special collections division for 25 years. A native of Pompton Plains, N.J., Hall received her bachelor's degree in English from Wittenberg University in Springfield, Ohio, and her master's degree from the University of Leeds in England. She was awarded a Fulbright scholar grant in 1989 to conduct research at the University of Reading in England. She also was an active member of the Midwest Archivists Conference.

**Mildred Mathias, LA 26, GR 27, GR 29**, a botanist and professor at the University of California, Los Angeles, died February 16 at her Brentwood, Calif., home from complications of a stroke. She was 88.

Mathias was a botanist, horticulturist, and conservationist and a professor at the University of California, Los Angeles, from 1962 until her retirement in 1974. As an octogenarian emeritus professor, she became well known as a leader of nature-study courses for UCLA Extension, taking hundreds of non-scientists through the jungles of Africa, Central America, Australia, China, and New Guinea.

Mathias earned her doctorate from Washington U. when she was just 22 years old. She was a specialist in taxonomy and in the study of *umbelliferae* (the carrot family). She also was chairwoman of the UC Natural Reserve System, which controls 26 sites around California where ecologists do field studies. She authored 200 research papers, articles, and books. In 1979, UCLA named an eight-acre campus garden in her honor; it contains nearly 4,000 species of native and exotic plants and a research herbarium.

**John P. Merlie**, a neurobiologist, died May 27 of heart failure at his home in Olivette, Mo. He was 49. He earned his doctorate in molecular biology at the University of Pennsylvania and completed post-doctorate studies at the Pasteur Institute in Paris, studying under biologists Francois Gros and Jean Pierre Changeux.

He also worked at the Salk Institute in La Jolla, Calif., and the University of Pittsburgh. He was in Washington U.'s School of Medicine pharmacology department since 1982. He was on review boards of the National Institutes of Health and the editorial boards of leading neuroscience journals.

**Roy H. Petrie**, former professor of obstetrics and gynecology and director of the program for maternal-fetal medicine, died May 17 after a heart attack at his home in Clayton, Mo. He was 54. Petrie worked at the School of Medicine from 1984 to 1992, and he had headed the Department of Obstetrics and Gynecology at the Saint Louis University School of Medicine since 1992.

**Buford Lindsay Pickens**, professor emeritus of the School of Architecture, died June 11 of infirmities. He was 89. Pickens, a resident of Webster Groves, Mo., had taught at the University since 1953, retiring in 1974 from

teaching, while continuing to lecture occasionally.

He served as dean of the School of Architecture from 1953 to 1956, and he was director of campus planning from 1956 to 1963. Pickens received his bachelor's degree in architecture in 1930 from the University of Illinois and his master's degree in art history in 1937 from the University of Chicago.

Pickens taught art history at Ohio University, was assistant professor of fine arts at Wayne State University, and was director of the architecture school at Tulane University in New Orleans. He was president of the Society of Architectural Historians in 1950 and the Association of Collegiate Schools of Architecture from 1957 to 1959.

**Isaias Spilberg**, associate professor and rheumatologist, died June 5 after a long illness. He was 58. A resident of Clayton, Spilberg was born and raised in Peru, receiving undergraduate and medical degrees from the University of San Marcos in Lima, Peru.

He trained at New York University School of Medicine after coming to the United States in 1960. He joined the faculty at Washington University School of Medicine in 1968. He was an authority on gout and related diseases and was a staff physician at the Veterans Administration Medical Center.

**Joseph E. Varner**, Charles Rebstock professor emeritus of biology, died July 4 of cancer. He was 73.

Varner joined the Washington University faculty in 1971 and was known for his work in the field of plant biochemistry. He received his doctorate from Ohio State University in 1949. Prior to coming to Washington U., he taught at California Institute of Technology, the University of Cambridge in England, and Michigan State University. In 1986, Varner received an honorary doctoral degree from the French ministry at the University of Nancy, in France.

He was a member of the National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, a member of the American Association for the Advancement of Science, past president of the American Society of Plant Physiologists, and a former editor of the journal *Plant Psychology*.

## WASHINGTON



Joe Angeles

*John Wallace*

# John Wallace

## Bonds of Red and Green

**F**amily ties join personal commitment in binding John K. Wallace Jr., M.B.A. '62, to Washington University.

"Right before Arthur Holly Compton became chancellor, my grandfather served as acting chancellor. That's a pretty strong connection," says Wallace. His grandfather, Harry Brookings Wallace, was then president of the Washington University Corporation, a position equivalent to chairman of the Board of Trustees today. Wallace Circle, the campus drive leading to the Alumni House, honors Wallace's grandfather.

The elder Wallace was also linked to Washington University through his family. His mother, Mary Brookings Wallace, was the sister of another president of the Washington University Corporation, Robert S. Brookings. Brookings' vision was responsible for today's Washington University, and the eminence of the School of Medicine. He also founded the Brookings Institution, the well-known think tank in Washington, D.C.

John K. Wallace's connections to the University include not only past generations but also his own.

After earning an undergraduate degree at Yale and completing military service, he decided to get his M.B.A. degree at Washington University. That made it a clean sweep for the children of John K. Sr., and Margaret How Wallace. John K. Wallace's brother, Charles, received his B.S.B.A. in 1954, and his sister, Mary, now Mrs. Henri Du Pont De Compiègne Jr., received her B.F.A. in 1955. In addition, Charles' wife, Sarah Scott Wallace, A.B. '59, serves on the Board of Trustees.

Family also played a role in Wallace's career. He joined the Cupples Company, a diversified manufacturer founded by University benefactor Samuel Cupples and directed by partners and chief executives that included Wallace's great-great-uncle, great-grandfather, great-uncle, grandfather, and father.

Wallace himself rose to the position of executive vice president of the parent company and president of its Floyd Charcoal Company subsidiary. After investing about 20 years with Cupples, he decided in 1981 to invest in himself. He purchased the charcoal subsidiary from Cupples and renamed it Imperial Products Corporation. Wallace became chairman, guiding the company to third position among the nation's consumer charcoal manufacturers.

In 1991, he took another entrepreneurial leap, selling Imperial and forming The Regency Group with a partner. He continues today as chairman of Regency, a holding company for diversified small businesses, based in Clayton, Missouri.

While family ties have always connected Wallace to Washington U., the persuasion of Robert L. Virgil, dean of the business school from 1977 to 1993, led to Wallace's personal involvement.

"I wasn't active for a long period," Wallace recalls. "When I finally went to a meeting of the Business Century Club, the dean made a year-end report. I had never met or heard Bob Virgil, and I found him very impressive. Afterward, I stopped to talk with him. That opened the door, and I'm delighted it did. Not very long after that, Bob asked me to go on the Executive Committee of the Alumni Association. That was my first real connection with the School after graduating."

From that beginning, Wallace has taken on a succession of responsibilities. In recognition of his many efforts, Washington University selected Wallace to receive the University's Distinguished Alumni Award in 1988, and the John M. Olin School of Business gave him the Distinguished Business Alumni Award in 1992.

His involvement in the University has ranged from presiding over the Business Century Club, to co-chairing with his wife, Ellen, the John E. Simon Hall dedication in 1985, to serving on the Washington University Board of Trustees. After completing one term as trustee in 1993, he was re-elected to another term last May.

From 1987 through last spring, Wallace also served on the Executive Committee of the William Greenleaf Eliot Society—as membership chair for three years, Patrons Committee chair for two years, and Society president for three years. His accomplishments were many: establishing membership committees in more than 20 cities around the country, launching the first efforts to recruit members at the Patrons' level (with support of \$10,000 or

*Wallace looks forward to the future of the Olin School: "Stuart Greenbaum has some lofty goals for the School, and he will achieve them."*

more per year), setting new records for total membership and annual new-member drives, and—in the final year of his presidency—establishing the Society's Danforth Circle, which recognizes annual gifts of \$25,000 or more. Wallace and his wife, who have been Patrons of the Society since 1986, became Sustaining Charter Members of the Danforth Circle this spring.

"Every year, it seems so hard to keep setting records for total membership, new members, new Patrons, and everything else," Wallace says. The Society set records for both total membership and unrestricted gifts in 1994–95. He attributes success in these endeavors to his fellow executive committee members and all the committed alumni who volunteer, to the staff who keep the volunteers focused, and to the many generous alumni who become donors.

He gives his friend and fellow St. Louisan, former Chancellor William H. Danforth, special credit for the University's successes in winning the support of so many people: "I don't know of anyone

who has been able to balance all the constituencies of the University in such a diplomatic and natural way. I think he's a genius. He's a man of total integrity, just like his brother, John Danforth."

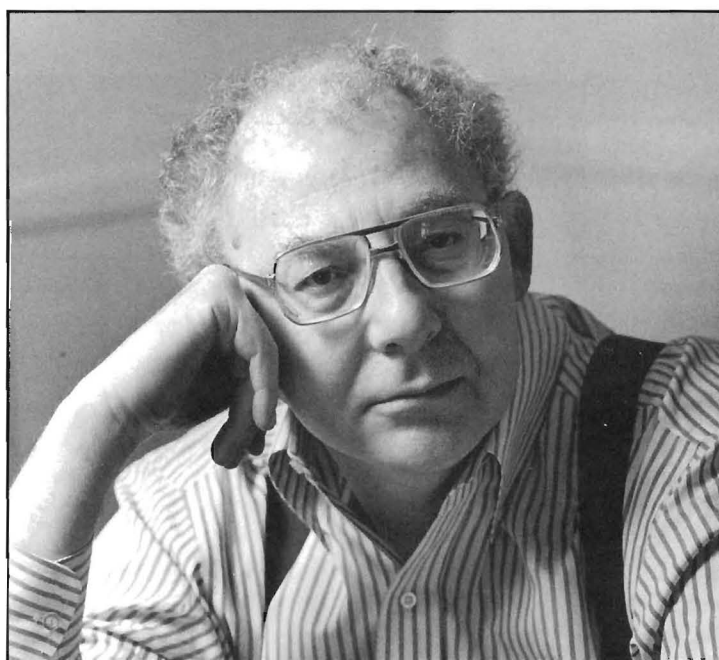
Wallace is also impressed by Danforth's successor, Chancellor Mark S. Wrighton. "Normally a new chancellor might be intimidated by his predecessor taking such a strong transitional role as chairman of the Board of Trustees," he says. "In this case, however, it's a win-win situation because of the personalities involved. Both Mark Wrighton and Washington University will benefit."

He also looks forward to the future of the Olin School. "Stuart Greenbaum has some lofty goals for the School, and he will achieve them," Wallace says. "Lyn Pankoff did a great job as acting dean, but it was difficult to move in some important areas without a permanent dean. The next several years will be very interesting."

Washington University is not the sole beneficiary of Wallace's time, energy, and expertise. His ties to other organizations include the Missouri Botanical Garden, where he is life trustee and currently president of the board. He was telethon chairman for the St. Louis Muscular Dystrophy Association for 11 years and member of MDA's national board for four years. Wallace is also a member of the boards of the Muny Opera and the St. Louis Zoo. He also works on behalf of Yale, currently serving as Missouri and Kansas chair for Yale's \$1.5 billion capital campaign.

In all these endeavors, Wallace has honored his family's tradition and, by living example, passed the legacy of service to the succeeding generations that include his three children and five grandchildren. ■

—John W. Hansford



Herb Weisman

## Stanley Elkin Remembered

### 1930–1995

One of the many tributes to Stanley Elkin, Merle Kling Professor of Modern Letters, after the writer's death last spring was called "To Elkin, Farewell." Created by *St. Louis Post-Dispatch* cultural news editor Robert W. Duffy, A.B.'67, the appreciation contained affectionate commentaries by Elkin's colleagues and friends. Duffy began this way:

"It is not as if Stanley Elkin died friendless and in obscurity. The Berger Memorial in the West End was filled for his service early the other day. His obituary was on Page 1 of the *Post-Dispatch* and on the top of the heap on the obit page of *The New York Times*. Most of the ink was spent on his being a writer of fiction, but I remember him as a teacher, as good a teacher as there could be.

"Elkin was a member of the faculty of the English department at

Washington University from 1960 until he died on May 31, just after the end of this last semester. The department has a reputation for brilliance, and Elkin was among the stars.

"His lectures were like stand-up comedy routines...full of Jewish humor, dark, vivid, occasionally poignant, never sappy, searingly intelligent. He waved his arms and shouted. He made faces. He snarled and laughed....

"Everything, everything was illuminated with experiences: his; experiences he swiped and made his own; real experiences; experiences that he had embroidered. He taught us as he wrote for everybody else, and that experience is unforgettable."

Upon learning of Elkin's death, former Chancellor William H. Danforth said: "He was a talented and original writer with a great wit. But I will always think of him

as a realist who saw the world and its people with a clear and generous eye."

Chancellor Mark S. Wrighton, who took office on July 1, said: "Professor Elkin was, unfortunately, not a person I was able to meet during the courtship that led to my appointment. That missed opportunity is one that I regret. Although the University community will miss Elkin's living presence, it will value the legacy of his contributions to modern literature. His greatness will live on through his published work."

Other comments came from colleagues about the writer whose literary and teaching careers flourished despite a diagnosis of multiple sclerosis in 1972 and two heart attacks. Donald Finkel, poet-in-residence emeritus in English, speaks of Elkin's "broad humor, his Brobdignagian personality, and his prodigious talents."

David Hadas, professor of English, who officiated at Elkin's memorial service, observed that Elkin "loved experience, finding out about people whose behavior he could describe...."

Wayne Fields, dean of University College and professor of English, says that even though Elkin often wrote about illness and mortality, Fields says "his stories are full of life.... The characters in his novels, who are almost always confined in some way, are also breaking their confinements in some incredible fashion."

"He was like a jazz artist who would go off on riffs," says William Gass, David May Distinguished University Professor in the Humanities and director of the International Writers Center. Gass once said of Elkin: "I don't see him ever becoming a popular writer, because he's too good."

Elkin wrote 10 novels and seven collections of shorter works, creating preposterous characters and situations in order to explore the human condition. According to Naomi Lebowitz, Hortense and Tobias Lewin Distinguished Professor in the Humanities, he was "a great poet of our pain."

The menagerie of characters moving through Elkin's novels include the downtrodden, who struggle bravely. *George Mills*, which won the National Book Critics Circle Award in 1982, follows a thousand-year lineage of losers with that name.

Three novels—*The Dick Gibson Show* (1971), *Searches and Seizures* (1973), and *The MacGuffin* (1991)—were nominated for the National Book Award in fiction. Last year Elkin was a finalist for the PEN/ Faulkner Award for his collection of novellas *Van Gogh's Room at Arles*.

Born in the Bronx, Elkin and his parents, Philip and Zelda, moved to Chicago's South Side when he was three. His father was a costume jewelry salesman—a "super pitchman," Elkin called him—who first inspired him with a sense of story. He began writing stories in grade school. After graduating from South Shore High School, in Chicago, Elkin attended the University of Illinois at Champaign-Urbana, earning a

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*Elkin "loved experience,  
finding out about people  
whose behavior he  
could describe."*

David Hadas

◆

bachelor's degree in English in 1952, a master's degree in 1953, and a doctorate in 1961. He met Joan Jacobson there; they married on February 1, 1953. He served in the Army from 1955 to 1957.

Elkin came to Washington U. as an English instructor in 1960; by 1969 he was a full professor. In 1983 he became the Merle Kling Professor of Modern Letters. He was never "Stanley" to his students: "I call them Mr., and I expect them to call me Mr.," he said.

Shortly after coming to the University, Elkin published his first novels, *Boswell* (1964) and *A Bad Man* (1967), and a book of short stories, *Criers and Kibitzers*,

*Kibitzers and Criers* (1966). In the 1970s he completed *The Dick Gibson Show* (1971), *The Franchiser* (1976), and *The Living End* (1979), and a book of three novellas, *Searches and Seizures* (1973).

In 1982, Elkin was elected a member of the American Academy of Arts and Letters. Next came *The Magic Kingdom* (1985); *The Rabbi of Lud* (1987); and *The MacGuffin* (1991). His essays were collected in *Pieces of Soap* (1992), and in 1992 he published *Van Gogh's Room at Arles*. Along with these works, Elkin also adapted part of his novel *The Rabbi of Lud* into a ballet titled *Notes Toward a Eulogy for Joan Cohen* for the Mid America Dance Company in 1986. He wrote *The Coffee Room* (1986), a radio script first produced by Lorin Cuoco (now the associate director of the International Writers Center) for KWMU-FM in St. Louis, which starred the author; *The Six-Year-Old-Man* (1987), a screenplay; and articles and stories for *Harper's*, *California*, *Chicago*, *Playboy*, *Esquire*, and other magazines. At the time of his death he had just completed a novel, *Mrs. Ted Bliss*, which Hyperion will publish later this year.

Elkin is survived by his wife, Joan; a daughter, Molly, who lives in Washington, D.C.; two sons, Philip Elkin of Creve Coeur, Missouri, and Bernard Elkin of St. Louis; a sister, Diane Brandwein of Chicago; and two grandchildren. Elkin, 65, was a resident of University City. An on-campus memorial service will be held this fall. ■

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David Kilger

### Going by leaps and bounds

A potential WU star (who's dressed for the part) already seems on cloud nine in this photo snapped as she bounced around a soft structure near the Olin Library on June 17. She joined nearly 2,000 alumni, friends, and kin at a farewell celebration for Chancellor and Mrs. Danforth on the eve of their retirement. Several guests traveled 6,000 miles to attend. The weather was fine; colorful tents held feasts donated by local restaurants; faculty authors signed books; the jazz band played on; and tributes were preserved on the pages of a leather-bound greeting presented to the former first couple. The ambiance, said one guest, "was just like a big family picnic."

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