



Washington University in St. Louis

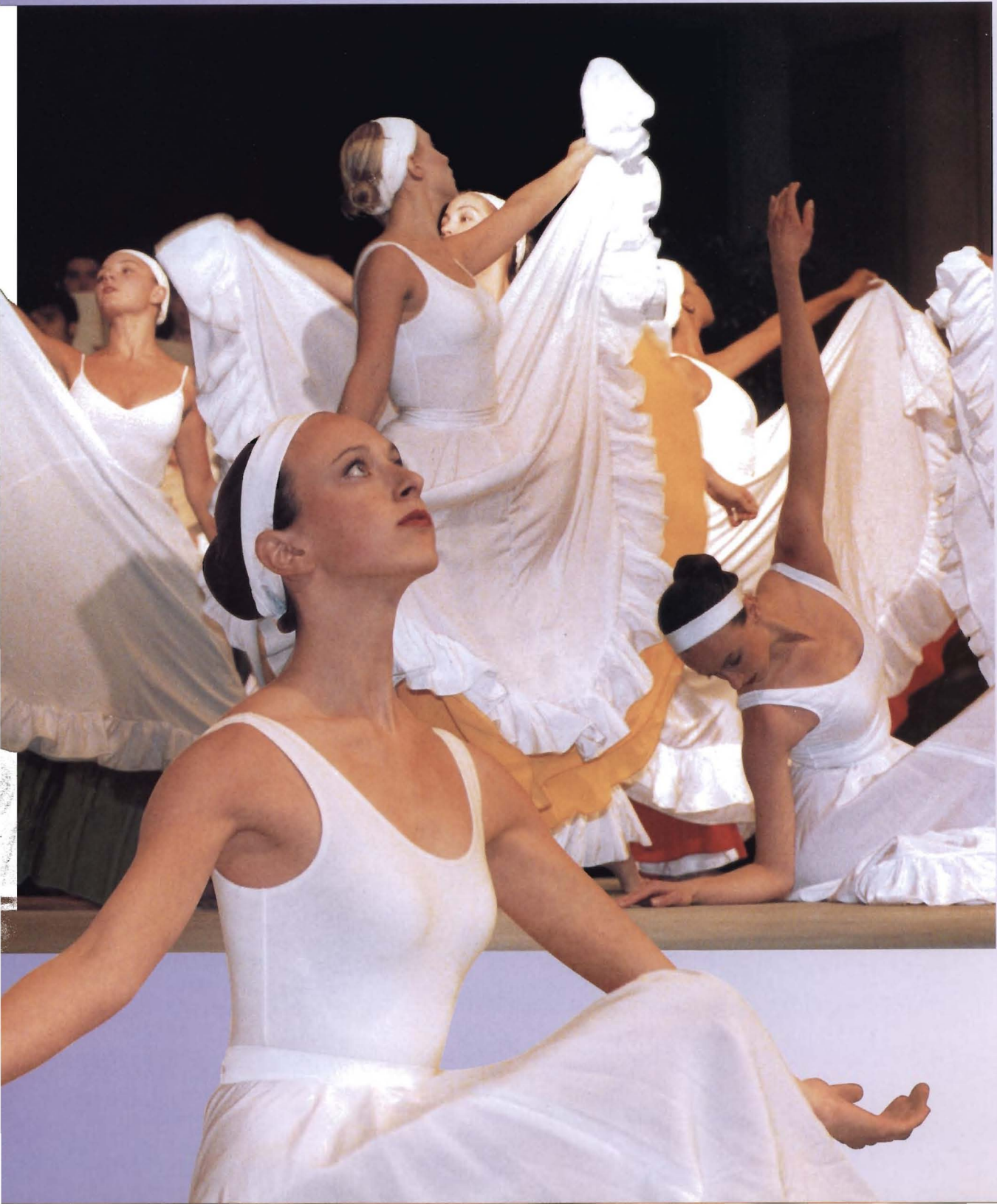
WINTER 2002 MAGAZINE

A photograph of Beata Grant, a woman with short brown hair, smiling warmly. She is wearing a light green V-neck top and has her hands clasped on a desk in front of her. An open book is visible on the desk. In the background, there is a framed picture on the left and a large, ornate golden vase or sculpture on the right.

Beata Grant
Translates
the Women
Writers of
Imperial China.

Students in the Performing Arts Department in Arts & Sciences danced in observance of the one-year anniversary of the terrorist attacks. More than 1,000 students, faculty, and staff attended the evening program—which included a candlelight vigil and brief remarks from members of the University community—in Brookings Quadrangle (see news item on page 5).

Remembering September 11, 2001



Mary Burtus

Cover: An associate professor of Chinese and chair of the Department of Asian and Near Eastern Languages and Literatures in Arts & Sciences, Beata Grant focuses on the interrelationship of Chinese Buddhism and poetry of the Imperial period. (Photo by Joe Angeles)

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The Performing Arts Department offers an exceptional summer program in London that gives students the opportunity to study Shakespeare where he lived and worked.

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What meaning can such words from a long-ago world possibly hold for us now? In Beata Grant's translations of classical Chinese, brave writers' voices express a sense of what humanity shares.

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This past summer, students transformed Brookings Hall 300 into Mission Control for pilot Steve Fossett's sixth attempt at circling the world solo in a balloon.

22 We're Getting Close!

As of October 31, gifts and commitments to the *Campaign for Washington University* totaled \$1.28 billion, more than 98 percent of the \$1.3 billion goal.

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The tradition of endowing professorships at Washington University dates back to 1856 when Wayman Crow endowed a professorship in chemistry in William Greenleaf Eliot's name.

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Alumna Amie Gross works closely with every client to understand what the client is about, the issues surrounding the assignment, and what will give each project "its identity in the landscape."

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Constantly striving to incorporate his ideals with his work, alumnus Paul McKee runs a "family" of businesses, "creating spaces where community takes place."

34 My Washington

I. E. Millstone, B.S. '27, is nearing his 96th birthday and has been an eyewitness to two-thirds of Washington University's history.

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As the new chair of the Alumni Board of Governors, alumnus John Gianoulakis is working to connect more alumni to the University.

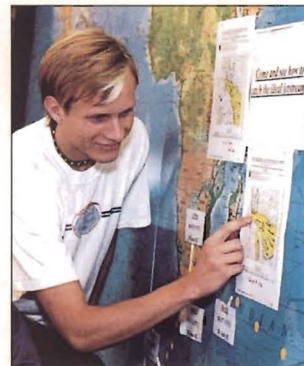
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A series spotlighting key faculty and staff who help make this great University run.



Visionary alumnus Geoffrey Ballard is leading the crusade toward a "hydrogen-fueled" economy (see page 25).



Student intern John Russell, Class of '04, tracks Steve Fossett's progress on the main map at Mission Control (see page 18).

Alumna Amie Gross considers social as well as urban-design factors when preparing for new architecture projects (see page 28).



Sharing the Magic of Scientific Discovery

For years, biology professor Sarah C.R. Elgin has shown great creativity in working with graduate students in her lab. Now, undergraduates and even younger students will be able to experience that creativity, thanks to the \$1 million grant Elgin will receive over the next four years from the Howard Hughes Medical Institute (HHMI). She was one of 20 professors nationwide to receive such an award.

"I believe research experience is a critical part of an undergraduate education in science," Elgin says. Since 1992, she has headed an HHMI-supported program at the University that provides summer research opportunities for undergraduates, supports curriculum innovation, and does science outreach in the St. Louis schools.

"Research is advancing at a breathtaking pace, but many university students are still learning science the same old way, by listening to lectures, memorizing facts, and doing cookbook lab experiments that thousands have done before," says Thomas R. Cech, HHMI president and a

2000 Feet
Elinor Nelson, grants specialist in sponsored-projects accounting, helps children try on new shoes at Payless Shoe Source.



Wellston, Missouri, are among some 100 children expected to benefit this year from 2000 Feet, a nonprofit organization started by Nelson in 2000. The program, in which children are taken shopping to pick out a pair of shoes to be purchased by 2000 Feet, is supported by individuals, such as former St. Louis Cardinals All-Star Ray Lankford and his wife, Yolanda, as well as by local businesses and churches and by the organization's annual Walk-A-Thon.

Nobel laureate. "We want to empower research university scientists to become more involved in breaking the mold and bringing the excitement of research to science education."

Elgin especially wants to introduce undergraduates and schoolteachers to the exciting new field of genomics.

Ranking in the Top

By several external measures, Washington University ranks among the top universities in the nation.

Its undergraduate programs now are tied with the University of Chicago for 12th place, according to *U.S. News & World Report* magazine. Consistently ranked among America's 25 best national universities, Washington University climbed two notches from last year's tie for 14th among the 259 national universities rated by *U.S. News*.

The magazine, in its September 23 issue, also ranked the University as third in financial resources, 11th in faculty resources, and seventh in alumni giving. The University tied for 12th in percentage of classes with fewer than 20 students. It ranked 16th in total value. In previous rankings of graduate and professional programs, *U.S. News* recognized 18 programs at Washington University in St. Louis as being in their top 10.

In terms of success in attracting, enrolling, and

graduating African-American students and in bringing black professors to campus, Washington University ranks fourth in the nation, according to the *Journal of Blacks in Higher Education*.

In this year's version of *America's Top Doctors*, published by Castle Connolly Medical, 88 physicians from the School of Medicine are among the 4,254 physicians listed. This listing is based on physicians' opinions.

Seventeen magazine ranked the University as number 7 among America's "coolest colleges" for women.

Swaddling Babies Can Mean Safer Sleep

Swaddling, or wrapping babies tightly before putting them to bed, appears to help them sleep on their backs, reducing the risk of sudden infant death syndrome (SIDS), according to a study by Bradley T. Thach, professor of pediatrics; Claudia M. Gerard, instructor in pediatrics; and Kathleen A. Harris, laboratory technician. (The *Journal of Pediatrics* published the study in June.)

Since pediatricians began recommending back-sleeping for babies, the SIDS rate has declined. However, about 20 percent of parents let their babies sleep on their



Sarah C.R. Elgin (left), professor of biology in Arts & Sciences, recipient of a Howard Hughes Medical Institute grant, provides innovative laboratory research experiences for undergraduates and even younger students.



This zip-up swaddling suit is adjustable, easy-to-use, and escape-proof. Negotiations are in progress to produce the suit, which is patented by the University.

stomachs because they cry in any other position.

The researchers decided to determine if swaddling might help these babies sleep on their backs after noting that babies in countries practicing traditional swaddling “universally” sleep on their backs.

The study included 37 babies, nine of whom slept mostly on their stomachs. Five were swaddled in a cloth blanket, as hospital nurseries do. Four were swaddled traditionally, as done in Afghan and Kosovar cultures, using three cloths intricately interwoven. The rest were wrapped in swaddling clothes made of cotton, Spandex, and Velcro (see above), which researchers developed after too many blanket swaddles came loose.

The tightness and warmth of swaddling can help a baby feel more secure, and of the nine stomach sleepers, seven were calmed enough to be able to sleep on their backs.

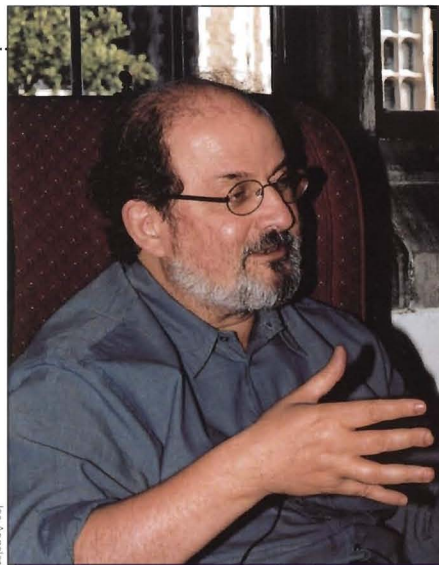
“Many parents in the United States tend to stop swaddling when their babies are able to kick free of it, usually at about two months,” says Gerard. “That does avoid the risks of loose bedding,” she adds, “but from two to four months is the peak risk period for SIDS. That’s why it’s important to have escape-proof swaddling that allows for leg movement and is adjustable to fit babies up to four months.”

Training Staff to Help Teens in School

According to a recent study by Diane E. Elze, assistant professor at the George Warren Brown School of Social Work, high-school staff members—from the social worker to the librarian—can play a major role in curbing two problems affecting their students: the victimization of gay, lesbian, and bisexual adolescents; and the large number of new HIV infections each year among adolescents and young adults, particularly among young gay and bisexual males.

Elze says, “School social workers can train school personnel in effective methods for interrupting homophobic harassment, which remains pervasive in the lives of sexual minority youths.”

She says schools also can help change the fact that half of the 40,000 new HIV infections each year are occurring in people between the ages of 13 and 24. “Schools can substitute effective HIV-prevention education programs for ineffective ones,” she says. “Successful ones, such as



Rushdie Comes to Campus

Critically acclaimed author Salman Rushdie—who because of his fourth novel, *The Satanic Verses*, drew a death threat from Iran’s Ayatolla Khomeini in 1989—visited the Hilltop

Campus in October. Rushdie resumed his public life four years ago, when Iran’s government disassociated itself from the \$2.5 million bounty on his head. On campus Rushdie discussed, among other things, his new collection of essays, *Step Across This Line*, which includes descriptions of his nine years of hiding. Rushdie visited as a Hurst Professor in the Department of English in Arts & Sciences, and his visit also was sponsored by University Libraries and the International Writers Center.

Centers for Disease Control programs, aim to delay sexual onset among abstinent youths, and, among sexually active youth, to increase condom use and decrease unsafe behaviors.”

Elze’s study will be published in the journal *Children and Schools*.

Brain Compensates After Stroke

When a stroke affects the language areas in the left side of the brain, the right side takes over and learns how to perform language tasks, according to research in the School of Medicine.

To test whether there is a direct link between recovered language abilities and activity in the right hemisphere, a team compared the performance and brain scans of 14 healthy individuals with those of eight stroke patients during a word-stem completion task.

Images from stroke patients showed that damaged language areas were inactive during the task. However, opposing areas on the brain’s right side became active. “This is the first demonstration that learning and, by extension, speech therapy change the way compensatory pathways in the brain work,” says Maurizio Corbetta, associate professor of neurology, head of stroke and brain injury rehabilitation, and senior author on the study.

Managing Crime Labs ... That’s Their Business

Dwight Adams, assistant director of the Federal Bureau of Investigation (FBI) and director of the FBI’s laboratory division, addressed about 250 federal, state, and local crime lab directors from the United States, Canada, Australia, and the United Kingdom during a three-day symposium held under the auspices of the FBI

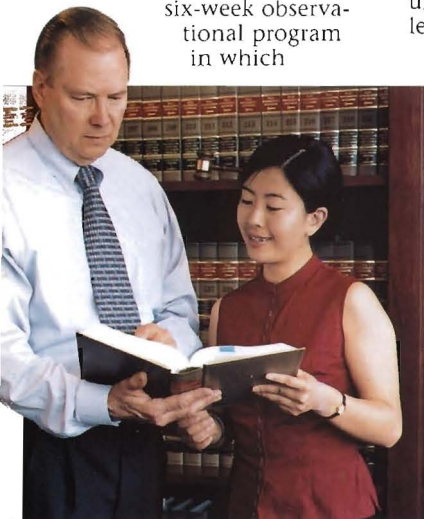


Joe Angiles

and the Olin School of Business. The event, “Leading Scientific Organizations,” covered management techniques, such as mentoring, negotiation, and managing resources. Olin School faculty and FBI crime lab directors led the sessions, held in September at the School’s Charles F. Knight Executive Education Center.

Students See Legal System Up Close

In order to observe the U.S. legal system at work, students in the Master of Laws (LL.M.) Program for International Students at the School of Law have the opportunity to participate in a four- to six-week observational program in which



Bill Matthews

Yi Sun, LL.M. '02, worked with U.S. Bankruptcy Court Judge James Barta as part of the law school's LL.M. Program for International Students, from which she graduated in May. Sun now is a student in the School's J.D. degree program.

each student is paired with a federal judge.

The activities of the 13 students participating this past summer included writing memoranda and orders for the judges, viewing pretrial motions, and witnessing jury selection and sentencing.

"The goal of the program is to help students gain a deeper understanding of what was learned in the classroom and

to help them develop practical skills that can be used when they return to practice law in their home countries," says Michele Shoresman, assistant dean for graduate and joint-degree programs and director of the LL.M. Program for International Students.

"The international students in the program are change agents for their countries," Shoresman adds. "They are the young leaders who will be on the forefront fighting for the rule of law in their home

countries and creating an independent judiciary where none currently exists.

"We know that U.S. security and well-being are very much tied to that of other countries and that making these concepts a reality is a critical step in that direction."



Mary Bulius

Service Comes First

Painting a solar-system mural on a playground at Hamilton Elementary is an example of ways that freshmen helped clean, update, and renovate 10 public schools in St. Louis and University City as part of the Service First initiative in August. Participating were 1,000 freshmen—a record high—and 200 upperclass students and faculty. Shirley B. Brown, M.A. '81, divisional assistant in the Office of Community-based Resources for the St. Louis Public Schools, says, "By decorating bulletin boards, doing landscaping and gardening, painting hopscotch and other games on play areas, and painting murals, the Service First contingent provides personal touches that say 'Welcome' to our students and manifest our ongoing collaboration with Washington University." In each of Service First's past three years, the St. Louis Public School District has been a strategic partner and the Women's Society of Washington University generously has provided funding. (For an earlier story, see the online winter 2001 issue: <http://magazine.wustl.edu/>.)

Security Technology Center Formed to Protect Nation

Months before September 11, 2001, the Center for Security Technologies (CST) was founded at the University to help America protect its people, infrastructures, and information. Involving more than 30 faculty members, the new center aims to consider the engineering and social-policy aspects of security, including technologies that will secure a building against terrorism as well as against a natural disaster, fire, or an outbreak of infection.

CST's director is Ronald S. Indeck, the Das Family Distinguished Professor of Electrical Engineering. Faculty members from several engineering departments and from the Center for the Application of Information Technology

are playing an active role, and faculty from disciplines of chemistry, earth and planetary sciences, political science, law, and social work also are involved.

Pertinent research projects include target recognition, fingerprint and face recognition, voice recognition, Internet security, and improved methods for complex searching of massive databases for intelligence applications. In addition, William H. Smith, professor of earth and planetary sciences in Arts & Sciences, has developed patented sensors that can detect biochemical hazards in meat, grain, fruit, water, or fiber.

Indeck says, "Security systems will continue to become more sophisticated over time, as will methods to defeat them. Our new center provides the long-term view that is necessary to anticipate future threats."

Sous-Chef Wins National Contest

Marc Foley, executive sous-chef with Bon Appétit, the on-campus food-service provider, displays his first-prize award from the nationwide Culinary Challenge recipe contest, sponsored by the National Association of College and University Food Services. His recipe, "Seared Sea Scallops with Vegetable Couscous and Tomatillo Gazpacho," can be found at www.nacufs.org/education/culinary/challenge/winners.asp. (A recent Princeton Review ranking placed the University's food service No. 1 in the nation.)



Mary Bulius

September 11 ... One Year Later

This past September 11, students, faculty, staff, and community members paused to reflect on the terrible events of September 11, 2001. Many went to Graham Chapel to hear two alumni—one a Pulitzer Prize-winning journalist who directed his newspaper's 9/11 coverage and the other a vounteer near Ground Zero—describe their experiences. Speakers were Kenneth Cooper, A.B. '77, national editor for *The Boston Globe*, and Sarah Kaufman, A.B. '01, who now lives and works in New York City. After the program, the first in this year's Assembly Series, the chapel remained open for quiet reflection.

In the afternoon, School of Architecture students, faculty, and staff had an opportunity to create visual responses to the tragedy. Each person or group participating in the student-initiated activity was given an 11-by-17-inch Bristol board and asked to focus "on the capability of art and architecture to express what may be otherwise inexpressible in words." Their work was displayed in Givens Hall.

A blood drive was held in Wohl Center, and in the



David Kiper

First-year architecture students Anisa Baldwin-Metzer (left) and Sara Morgan create visual responses as part of the School of Architecture's afternoon-long design forum commemorating September 11.

evening, many gathered in Brookings Quadrangle for a candlelight vigil, a choral and dance performance (see inside front cover), and remarks from University community members. "As a research university, our collective efforts can inform ourselves, the public, and national and international leaders regarding the problems we face as a society," said Chancellor Mark S. Wrighton. "... We are privileged to be supported in our quest to expand knowledge and understanding in many dimensions that can contribute to making our world a better place."



David Kiper

Doing the Math ... on Faces

Stephen G. Krantz, professor and chair of the mathematics department in Arts & Sciences, observes a mathematical grid of a human face taken by an innovative 3-D scanner. He and his

colleagues are developing software that, by applying wavelet analysis to the grid, could help plastic surgeons more accurately predict outcomes. The system likely also will be useful in security applications, in anthropology, in aesthetics, and other areas.

People Around Campus

Ramesh K. Agarwal, the William Palm Professor of Engineering, has received the American Institute of Aeronautics and Astronautics' Sustained Achievement Award.

Eddie F. Brown, J.D. '91, associate dean for community affairs and director of the University's Kathryn M. Buder Center for American Indian Studies, has been appointed by President George W. Bush to serve on the President's Board of Advisors on Tribal Colleges and Universities. Brown is a member of the Pascua Yagui tribe.

Brian Carpenter, assistant professor of psychology in Arts & Sciences, was awarded one of four Brookdale fellowships to explore family relationships in late life.

Aaron DiAntonia, assistant professor of molecular biology and pharmacology in the School of Medicine, received a 2002 McKnight Scholar Award for his research into the development of connections between nerve cells.

In recognition of his research on Lewy body dementia, **James E. Galvin**, assistant professor of neurology, received the Alene and Meyer Kopolow Award from the Barnes-Jewish Hospital Foundation and a Mentored Clinical Scientist Development Award from the National Institutes of Health.

Raymond L. Hilgert, M.B.A. '61, D.B.A. '63, professor emeritus of management and industrial relations in the Olin School of Business, has been inducted into the Small Business Administration Hall of Fame and has received a Lifetime Achievement Award from the *St. Louis Post-Dispatch*.

Stephen Legomsky, the Nagel Professor of International and Comparative Law, was a senior visiting fellow at Oxford University and a senior researcher at the UN High Commission for Refugees in Geneva in 2002.

Henry L. Roediger, III, the James S. McDonnell Distinguished University Professor and chairman of the Department of Psychology in Arts & Sciences, was elected president of the American Psychological Society.

Karen L. Wooley, professor of chemistry in Arts & Sciences, received the 2002 Arthur C. Cope Young Scholar Award from the American Chemical Society.

Frank C-P Yin, the Stephen F. and Camilla T. Brauer Professor of Biomedical Engineering, is chair-elect of the College of Fellows of the American Institute of Medical and Biological Engineering.

Three professors have been named the inaugural holder of an endowed professorship: **Siddhartha Chib**, the Harry C. Hartkopf Professor of Econometrics and Statistics; **Rebecca Treiman**, the Burke & Elizabeth High Baker Professor in Child Developmental Psychology in Arts & Sciences; and **Luis H. Zayas**, the Shanti K. Khinduka Distinguished Professor of Social Work.

Corrections

In the fall 2002 issue of the magazine, in the opening photo of the Reunion alumni feature on page 25, Dorothy Buder (in red) and Joan Miller Peck (in background), both A.B. '52, should have been identified. On page 27, other members of the 50th Reunion class who were not identified included Jean Ricks Alessi, A.B. '52, Dominick A. Alessi, B.Arch. '52, and Betty Buehrle Stanton, B.F.A. '52. Also, on page 27, the alumnus identified as Ramon Von Drehle, B.S. '52, was incorrectly identified. In the "Treasuring the Past" sidebar on page 39, the high school should have been St. Louis Central High School. Please accept our sincere apologies for the oversights.

Taking Art "Public"

Senior art student Elana Mann, as part of her internship at Fishing Creek/MGA Sculpture Studio in St. Louis, helps create *The Ringers*, two massive steel sculptures depicting a giant horseshoe game in action. Looking on is Kevin Garber, former faculty member in the School of Art, who, with Mark Aeling, M.F.A. '93, owns the studio. The sculptures, commissioned by JPI, a national real estate development company, were placed in two traffic roundabouts in Jefferson Center in Austin, Texas, in October.



Fishing Creek/MGA Sculpture Studio Photo

Christopher Reeve's Partial Recovery Makes History

Actor-director Christopher Reeve, a quadriplegic since an equestrian accident nearly eight years ago, has achieved what was thought to be impossible. He has regained the ability to feel light touch and pinpricks on about 65 percent of his body and



Robert Boston

John W. McDonald is the director of the Spinal Cord Injury Program.

has regained about 20 percent of motor function. He also reports improvements in overall health and his quality of life.

Reeve began an aggressive exercise program soon after his injury in 1995; in 2000 he began undergoing a series of evaluations by researchers from the School of Medicine.

Based on these evaluations, Reeve's therapy was adjusted to promote his recovery.

The medical school's approach to spinal cord rehabilitation has three main goals: first, to help paralyzed individuals exercise and thereby receive the strength and cardiovascular benefits of physical activity; second, to help any undamaged nerve cells function as best they can; and third, to encourage new cells to grow.

To achieve those goals, therapy physicians prescribe several therapies, including functional electrical stimulation, bone density treatments, and aquatherapy.

John W. McDonald, assistant professor of neurology and neurological surgery and director of the Spinal Cord Injury Program at the medical school, was the lead author on the study of Reeve's case, which was published in the *Journal of Neurosurgery: Spine*. It is the first documented case of partial recovery more than two years after traumatic spinal cord injury.

McDonald also is collaborating with Shelly Sakiyama-Elbert, assistant professor of biomedical engineering, who is working on a novel delivery system for peripheral nerve regeneration that could have implications for successful stem cell delivery and spinal cord repair.

McDonald, who also is a staff physician at Barnes-Jewish Hospital, St. Louis Children's Hospital, and the Rehabilitation Institute of St. Louis, is optimistic about future rehabilitation for those with spinal cord injuries. He says, "I believe rehabilitation is going to shift to being a home-based, lifelong process that almost anyone with determination and proper medical supervision will be able to achieve."



Robert Boston

Studying Misfolded Proteins

Rohit Pappu (left), assistant professor of biomedical engineering, discusses a protein model with Rachel Nordgren, Engineering Class of '03, and Patrick Alford, a doctoral student in engineering. Pappu's studies of protein misfolding could provide new information regarding the onset of numerous diseases, including Alzheimer's and Parkinson's.

Dinosaur Discovery Is Big News

Josh Smith, assistant professor of earth and planetary sciences in Arts & Sciences, had, as a new faculty member in fall 2002, barely found his way to his classroom when a book and documentary about his expedition's dinosaur finds were released. Adding to major media coverage of the expedition in 2000, *The Lost Dinosaurs of Egypt* (Random House) hit bookstores September 16, and a few weeks later, the cable television network A&E ran a documentary based on the book.

Smith's 14-person team went to Egypt's Bahariya Oasis in the Sahara, where they not only uncovered the site where researcher Ernst Stromer discovered bones of new species of dinosaurs in 1911, but they also discovered a new genus of dinosaur. Named *Paralititan* ("tidal giant") *stromeri*, it is the second-most massive dinosaur ever to walk the Earth.

Research findings by the team, which included Smith's wife, Jennifer, also assistant professor of earth and planetary sciences in Arts & Sciences, were published in the June 1 issue of the journal *Science*.

Reaching 700 Wins

With the volleyball Bears' victory over Augustana on September 18, coach Rich Luenemann (right) became the 11th active NCAA coach at any level to reach the 700-win plateau. At press time, the Bears are heading into the national semifinals in NCAA Division III, with a 40-1 record.



Making Urban Science Classes Sparkle

Helping develop models of excellence in teaching science in urban communities is the aim of the St. Louis Center for Inquiry in Science Teaching and Learning (CISTL). The center, based at the University, recently was created by a \$10 million grant from the National Science Foundation (NSF) to the Department of Education in Arts & Sciences as part of a five-year project that officially begins in January 2003.

Built on partnering with the Department of Biology and collaborating with local science institutions, CISTL brings aspects of science learning from out-of-school settings to formal education. As one of 10 NSF-funded centers for learning and teaching, CISTL will serve as a national model, supporting best practices based on existing research and supporting new doctoral studies in science education.

"Our primary goal is to improve science learning and teaching across the educational continuum," says Christine Klein, Ph.D. '94, clinical associate in the Department of Education, who serves as principal investigator and project director. "This includes pre-service and in-service teachers, staff at local science institutions, doctoral and postdoctoral fellows, and even high-school

youth planning to go into teaching."

One key piece of research through CISTL will focus on the collaboration among universities, cultural institutions, and schools. CISTL partners include WUSTL's Tyson Research Center, the St. Louis Science Center, the Saint Louis Zoo, Missouri Botanical Garden, University of Missouri at St. Louis, St. Louis Community College, the Association of Science-Technology Centers, and five school districts.



Join the Celebration!

Washington University will celebrate the 150th anniversary of its founding in 1853 during the 2003-2004 school year. Festivities will kick off during Founders Week—a weeklong series of activities— from September 14-20, 2003.

Leading the way will be a **Community Open House**

on Sunday, September 14, 2003. The celebration will feature demonstrations, exhibits, lectures, and food, as well as fun and games. Events will culminate in an evening performance by the Saint Louis Symphony Orchestra in Brookings Quadrangle. Mark your calendar!

Other planned events include an academic symposium; special events for students; meetings of the Board of Trustees, the National Councils, and the International Advisory Council for Asia; and the annual Founders Day Dinner at America's Center on Saturday, September 20.

Many other celebratory events will occur throughout the year, concluding with Commencement on Friday, May 21, 2004.

As plans are finalized, they will be posted on the Web site for the Sesquicentennial: <http://150.wustl.edu>.

McManis Is First Holder of Green Professorship

On September 26, Charles R. McManis, an internationally renowned legal scholar, was installed as the first Thomas and Karole Green Professor of Law at Washington University. Recognized for his expertise in intellectual property law, he has conducted research and taught in many parts of Asia, including at the International Intellectual Property Training Institute in Daeduk, Korea; Yonsei University in Seoul, South Korea; and at Sichuan University in Chengdu, China. He also has served as a consultant for the World Intellectual Property Organization.

The professorship, one of 115 created since the start of the *Campaign for Washington University*, was established with a gift of \$1.5 million from Thomas and Karole Green, prominent St. Louisans and longtime supporters of the School of Law. Thomas Green, an attorney and president of the National States Insurance Company, is a 1958 graduate of the School of Law and serves as a member of its National Council. Karole Green is president of the Lubin-Green Foundation.

"Attracting and retaining the best faculty is a continuing challenge, one shared by all top research universities," says Chancellor Mark S. Wrighton, "and by far the best aid in accomplishing that is the endowed professorship. Tom and Karole Green have enabled us to bestow a wonderful honor on Chuck McManis and have made an enduring contribution to Washington University. We are most grateful."

GOAL: 1.3
BILLION

\$1,200
1,100
1,000
900
800
700
600
500
400
300
200
100

MILLIONS

\$1.28
BILLION

Campaign FOR
Washington
University

Status as of October 31, 2002

LASTING LESSONS

Three Washington University alumni share lessons they learned from their favorite professors.

Michael W. Fox

Former Associate Professor of Psychology



Nancy Luetzow:

"Just this morning, as I was watching the hummingbirds at my feeder, I wondered why they behave the way they do. That's

because of Professor Fox!

"I was a Russian major spending inordinate amounts of time immersed in Russian. A friend told me: 'Take the animal behavior course with Michael Fox; everybody loves him!' It was the absolute truth. He had a wonderfully understated sense of humor mixed with enthusiasm and such knowledge.

"I already had a fascination with human communications and language, but his course opened up a whole new world. One of the more interesting assignments involved being sent to the Saint Louis Zoo to observe something about the physical nature and behavior of certain animals. Professor Fox asked us to come back with whatever analyses we were able to make.

"I knew that within the animal kingdom certain evolutionary patterns of behavior existed, but because of his lectures, I started applying what I had learned to everyday life: for example, watching two dogs communicate, baring teeth, raising hackles, fighting or avoiding confrontation. There's also the whole pecking order issue that is so applicable to human behavior. I started thinking about humans as animals: How do we communicate? What role do cultural and social differences play? And what about the evolutionary role of certain behaviors, like sexual or aggressive behaviors?

"Even now, as I watch my hummingbirds, I find myself reflecting on these questions!"

▼ Nancy Gorman Luetzow, A.B. '75, translates scientific-technical Russian into English, and she sings professionally.



Sally A. Goldman, Professor of Computer Science; Assistant Chair, Department of Computer Science and Engineering



Stephen Scott:

"Nobody wants to be the one asking a 'dumb question,' and that perceived stigma can keep students from participating. So each

class period I assign a student to ask three questions about the material we're covering. If they already understand everything, they should think of a question to elucidate the subject for someone else.

"That's an adaptation of a rapport-building technique I learned from Sally Goldman. It relieves pressure and encourages participation. And it gives students the basis for understanding the fundamental aspects of the material, so they'll be able to understand what comes next.

"Ph.D. programs often emphasize research, but from Sally I also learned a comprehensive view of teaching

that extends beyond the classroom. I cannot imagine having a better mentor.

"She helped us in our research while teaching us communication skills, both written and oral. To this end, Sally used a technique she called a 'meta-talk'—her discussion on how to give a talk, because students need to have good presentation skills for conferences, talks, and job interviews.

"In adapting this, I give each student a semester project, and when the time comes to present results, I give a 'meta-talk,' as practice toward the criteria against which I will measure them. As I keep telling them: 'Even if you have the best result in the world, it is meaningless if you cannot get it across to others.'

"My 2001 College Distinguished Teaching Award is largely due to what I learned from Sally."

▼ Stephen D. Scott, D.Sc. '98, is a Harold & Esther Edgerton Assistant Professor in the Department of Computer Science and Engineering at the University of Nebraska.



John D. Sprague

Professor Emeritus of Political Science



Chris Gilbert:

"A man named John Sprague called from Washington University; I think that's where you should go," said

my mother, who had taken the call. What struck me when I called him back still rings true: John has an amazing, infectious enthusiasm for his subject that never veers into arrogance or pomposity.

"When I visited the University, he gave me a one-hour, whistle-stop tour of St. Louis. Feeling rather overawed, I asked only one question: 'What should I read over the summer?' Forty-plus titles and authors poured out of John's mouth—each one relevant and excellent.

"Almost every conversation I had with him was like that; it left me feeling undereducated—in a good way!

"John's syllabus was the longest I had ever seen. It described in detail

not only what we would study but why. He called it his 'provisional battle plan.' We almost never followed it—it was the starting point!

"That illustrates the creativity essential to his teaching. He encouraged us to be receptive to what was not covered.

"Not everyone could teach like that. The class could wander in a whole host of directions, but John had confidence that the right kinds of conversation would take place.

"He would playfully toss an eraser at you if he caught you taking notes: John wanted us to think. Afterward, we would scramble to remember the books and articles he'd mentioned. These were the ones that pushed you forward.

"John always gave us access to his unfinished research data. His attitude regarding knowledge is generous and fearless: It should all become part of the larger exchange of ideas. This was a refreshing quality."

▼ Christopher P. Gilbert, Ph.D. '90, is associate professor and chair of the Department of Political Science at Gustavus Adolphus College.





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

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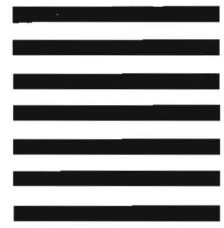


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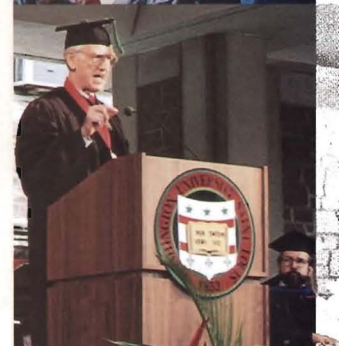
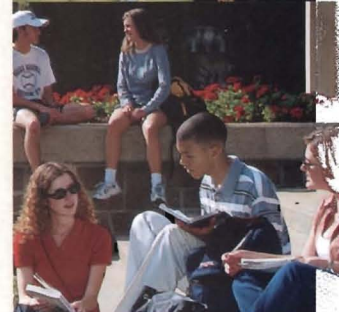
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**Recognizing the Importance of Planned Gifts
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Seek advice from your tax or legal advisor when considering a Charitable Gift Annuity.

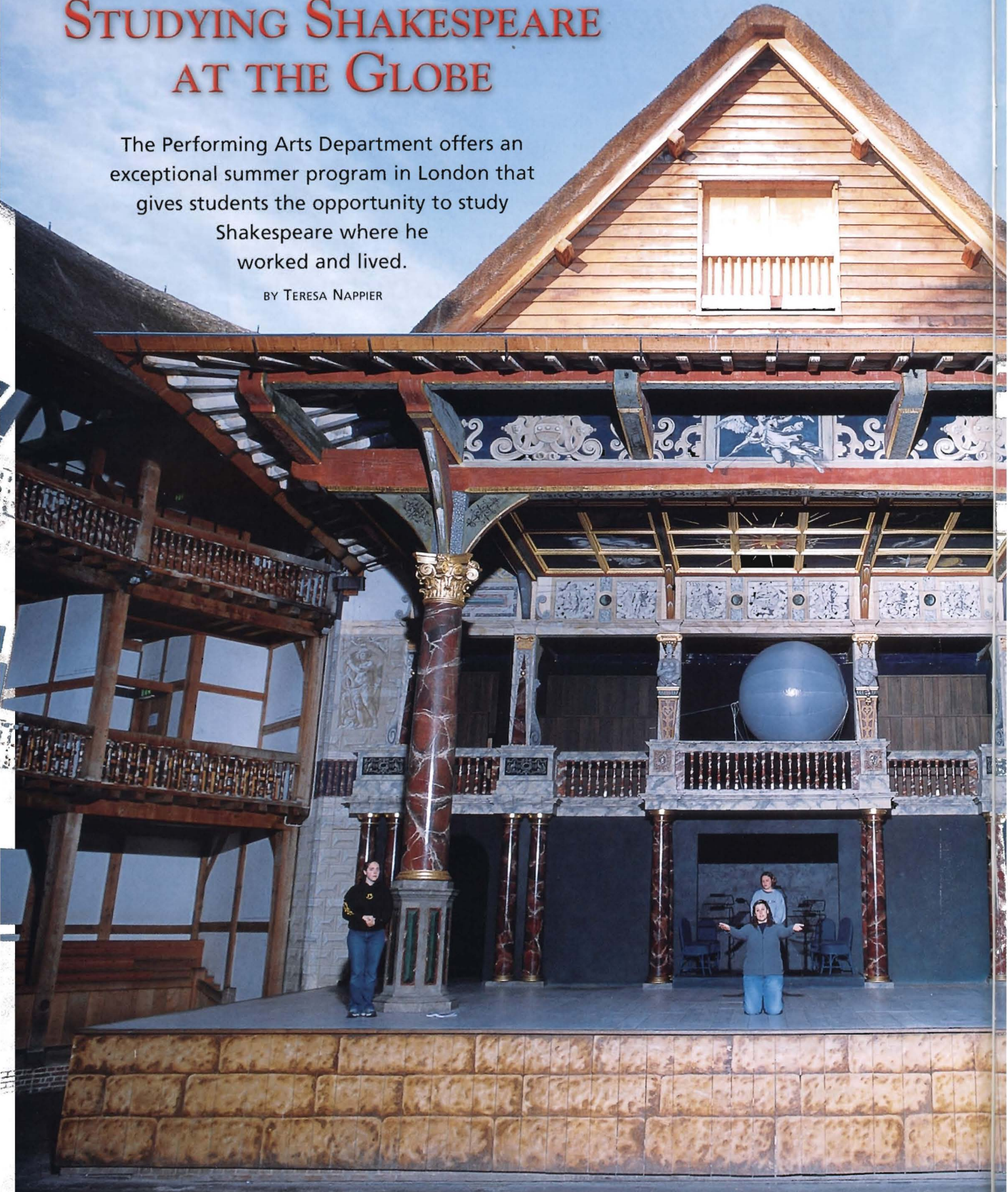
Design by Jeffrey St. Pierre '01/Create Studio at Washington University



A Midsummer's Dream: STUDYING SHAKESPEARE AT THE GLOBE

The Performing Arts Department offers an exceptional summer program in London that gives students the opportunity to study Shakespeare where he worked and lived.

BY TERESA NAPPIER





When Alissa Stamatis was 12 years old, she read *Romeo and Juliet*—and thought it was the most wonderful thing she had ever encountered. Years later, Stamatis attended a summer program at the Globe Theatre in London and thought it was possibly one of the most important things she had ever done.

“I had been a lover of Shakespeare as an actor and as a theater student since the seventh grade,” says Stamatis, A.M. '99. “So I was very excited to find myself in a theatrical space that was very close to the space in which Shakespeare’s plays would have actually been performed when he first wrote them.”

For the past 10 summers, Washington University’s Performing Arts Department in Arts & Sciences has collaborated with the Globe Education Department in the Shakespeare’s Globe Summer Program in London, offering students such as Stamatis an opportunity to infuse themselves with the language of Shakespeare, to immerse themselves in his texts, and to learn acting and directing from some of the profession’s best.

The Shakespeare’s Globe Summer Program is intense: Basically it covers a semester’s worth of work in four weeks. It is intimate: Students live with one another, they go to classes together, they work in close proximity with their professors, and they go to the theater together. The program engages between 18 and 24 students (usually half from Washington University) academically, socially, and culturally.

As the only four-week university summer program affiliated with the Globe offering extensive hands-on studio and performance time, it provides students the “quintessential experience,” according to Henry I. Schvey, chair of the Performing Arts Department and the program’s co-founder. He says, “After attending the program, students acquire a new appreciation for the history of the theater, the role of audience in the theater, and—most important—why theater matters in society.”

Annamaria Pileggi, a senior artist-in-residence at Washington University and an acting teacher for the Globe program, says: “I love this program—it gives students a once-in-a-lifetime opportunity to study a very specific kind of theater in the place where that theater was created. London is such a treasure-trove culturally, historically, but especially with regard to the theater—and especially in terms of Shakespeare’s work. And, at the Globe, we’re a hundred yards from where the original theater stood, and that cannot be replicated anywhere else.”

“I like this place and willingly could waste my time in it.”

—As You Like It (Act II, Scene IV)

The Shakespeare’s Globe Summer Program is inspirational: Students direct and perform on the stage of the only open-air, thatched-roof building in the city, on a replica of “Shakespeare’s wooden ‘O.’” They take master classes from some of the best in the business: actors, directors, designers, scholars, and voice coaches from the Globe Theatre, Royal Shakespeare Company, and Washington University. Past instructors have included Jane Lapotaire (a Tony Award winner), Patrick Spottiswoode (director of Globe Education and other co-founder of the program), and Andrew Wade (head of voice at the Royal Shakespeare Company). Guest artists have included Kenneth Branagh and Peter Shaffer, the writer of *Equus* and *Amadeus*.

Left: The third reproduction of Shakespeare’s Globe Theatre opened in 1997.



Stamatis says the teaching was phenomenal. "Two of the best master classes I had were with Jane Lapotaire and with Patrick Spottiswoode," she says. "Patrick's class on *Romeo and Juliet* was one of the most amazing things I have ever been a part of: The way he broke down the material, and the incredible understanding he had of all the layers of meaning in the balcony scene, made me realize that I had not been doing deep enough work previously."

Now an adjunct professor and teacher of Shakespeare at Butler University in Indianapolis, Stamatis says: "Even now when I am analyzing a scene, as an actor or as a teacher, I go back to the master class that Patrick taught and think about the different layers of meaning he found—how every word

is there for a specific reason. And I try to do work that is that thorough."

For Brooke Bagnall, a drama major in Arts & Sciences Class of '03, the Globe program changed her life. Attending the summer between her junior and senior years of high school (she got in after a college student had dropped out), she met faculty from the University and enjoyed working with them so much that she applied to Washington University, to be a part of the Performing Arts Department.

"Typically, we had several hours of class a day, including rehearsal and performance time on the Globe stage. It was such an amazing experience to perform there," says Bagnall. "At times, tours would be going on while we were rehearsing, and when people would start clapping, we would think, 'What, us?'"

For Nick Choksi, an English major in Arts & Sciences Class of '03 who also takes lots of drama classes, the program was a holistic learning experience. He says, "Not only did we learn how to read and interpret Shakespeare's text and how to use it on stage, but we got to experience being in the Globe and seeing Shakespeare played in a theater like the one he wrote for—all while being immersed in a city that thrives on theater."

Stamatis adds: "I found that having the audience, the groundlings (up to 700 people can fit in the yard around the stage), standing below the stage and right up against the edge of the stage made the relationship between the actor and the audience much more immediate—as though we were all part of the same shared experience. Also, when in those great images Shakespeare talks about the 'heavens,' you look up and you can see the sky. It suddenly made those images come alive."



Shakespeare's Globe: A Dream Come True

According to Patrick Spottiswoode, director of Globe Education, Shakespeare's Globe is a place "where actors and audiences share the same light." The exceptional space was the dream of American Sam Wanamaker, who died before the Globe opened in June 1997. The third Globe constructed to

date, it is patterned after the first Globe that was built in 1599, and it stands 100 yards from where the original structure stood on the south bank of the River Thames.

As a testament to the support of students, faculty, and friends of Washington University, Spottiswoode buried a time capsule filled with their names beneath the newest Globe Theatre. The longstanding relationship between the University and the Globe has benefited both institutions; this past summer the Shakespeare's Globe Summer Program had its 10th anniversary.



Students enjoy rehearsal and performance time on the Globe stage, which is a special feature of the summer program.

“The play’s the thing wherein I’ll catch the conscience of the king.”

—Hamlet (Act II, Scene II)

In the evenings, students spend time rehearsing for classes, and they attend plays, with seven shows included in the program curriculum. “We didn’t just see Shakespeare; it was a very comprehensive experience,” Bagnall says. “We saw *The Prime of Miss Jean Brodie*, a modern text and beautiful production. We saw two Shakespeare shows on the Globe stage, and we went to Stratford-upon-Avon one weekend and saw the Royal Shakespeare Company. We also saw *The Ice Man Cometh* with Kevin Spacey—for four hours—it was amazing!”

Inspired by such great theater, many students see more than seven shows, which Schvey says adds to the overall experience.

“London is a living laboratory,” says Schvey. “In going from the United States to England, students go from a basically cinematic culture to a theater culture. There is so much in London that revolves around live theater—in some ways, the students learn more in four weeks there than they would in a whole semester here.”

Stamatis concurs: “You live and breathe the material for the time that you are there. I love that kind of intensive training experience where you all feel like teammates working toward the same goal. That is one of the greatest things to me about live theater anyway.”

“Love sought is good, but giv’n unsought is better.”

—Twelfth Night (Act III, Scene I)

The capstone of the program is the Midnight Matinee, where—on one special night near the program’s end—students have the Globe stage to themselves from 11:30 p.m. to about 2:30 a.m. In front of a few friends, family members, faculty, and acquaintances from London, all under simple halogen lighting, the students perform the scenes they have been working on throughout the program.

Spottiswoode, who as director of Globe Education has committed Globe resources to the program over the years, says that when the students hear St. Paul’s Cathedral across the river chime midnight, they know it is time to start presenting their scenes. “It’s a very beautiful and quite magical experience,” he says. “In those moments, the Globe becomes the student’s own, and I think that’s a key feature of the course.”

“Not only did we get to perform on the Globe stage under the lights, but, on the night of our Midnight Matinee, we performed while it was misting,” says Choksi. “There was a real sense of communion being the only ones in the Globe Theatre under such conditions.”

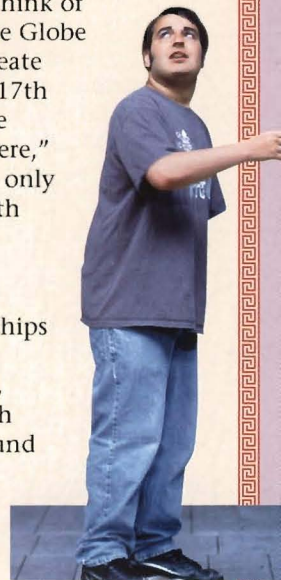
“I never get tired of watching the students,” says Bill Whitaker, a senior artist-in-residence at the University who teaches directing for the Globe program. “You hear them talk about feeling as if they are in a continuum of the acting experience that began with Shakespeare. ... It is then that they truly realize they’ve been a part of something truly special.”

Spottiswoode adds that students think of the great actors who now play on the Globe stage and of the ones who helped create Shakespeare’s plays in the 16th and 17th centuries. “Spirits of the past and the young spirits of the present merge here,” he says. “Students feel a kinship not only with the players they’ve seen but with the players that gave life to the first performances of Shakespeare’s plays more than 400 years ago.”

This kinship, along with relationships students formed during the course, creates a lasting impact. Choksi says, “Being immersed in Shakespeare with so many friends was really special—and I say friends, because, if we weren’t friends before the program, we were definitely friends by the end.”

Whitaker says that there is a shared interest and affection and dedication to the study, which is unlike anything that can happen at the University. “And you’re there in London,” he says. “All of those things collide and create, I think, an extraordinary experience.” (W)

Teresa Nappier is the editor of this magazine.





Poetry Beyond Place

The following poems from the book *Writing Women of Imperial China* "are unusually straightforward expressions of the frustrations of a woman named Lo Qilan (1755–1813), whose soaring ambitions were hampered by her gender, symbolized here by bound feet in 'three-inch shoes,'" says Beata Grant.

In my dream, I was a student dressed in blue,
The talented were summoned: I took the exams!
After a long journey in a speeding state carriage,
I demonstrated my brilliance in literary battles.
In the palace offices, I changed my gown to green,
At heaven's gate, my name was displayed in gold.
Riding on horseback, I inspected all the flowers,
A score of miles darkened by fragrance and dust!

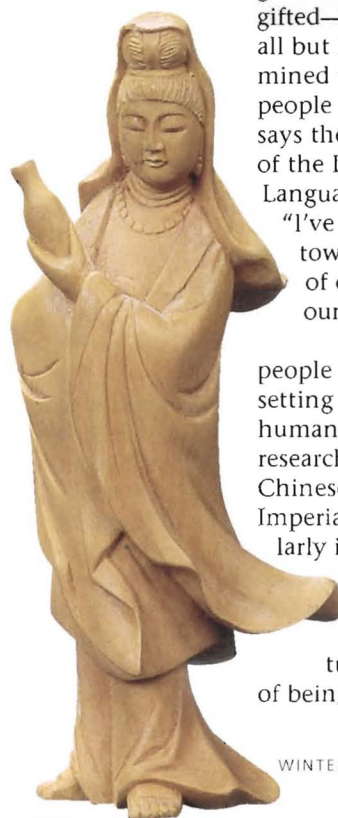
In my dream I headed the imperial troops,
Grasping our lances we cleared the dust.
The troops seemed to descend like a flash,
The formation was one of birds and snakes.
At the border, I displayed my heroic tactics,
On the dome of the sky, I wrote my ambitions.
Then suddenly, I awoke at the sound of a bell,
Only to find myself still wearing three-inch shoes.

—From an eight-poem series, *Records of Dreams*,
translated by Beata Grant and Wilt Idema

WRITING on the DOME of the SKY

BY JUDY H. WATTS

What meaning can such words from a long-ago world possibly hold for us now? In Beata Grant's translations of classical Chinese, brave writers' voices express a sense of what humanity shares.



Joe Angelle

Beata Grant, associate professor of Chinese; chair, Department of Asian and Near Eastern Languages and Literatures

China. A far-away land so ancient that its semi-legendary first ruler is said to have lived nearly 4,000 years ago. A civilization so productive that achievements blossomed during its earliest documented dynasty, heralding centuries of artistic, philosophical, technological, economic, and scientific accomplishment. A nation whose classical written language—which requires a lifetime to master—is based on thousands of intricate characters that are in themselves an art form.

If in these ways and a multitude more the historical China seems an antipode to the United States, one might reasonably assume that a highly respected non-Asian scholar of literature and religion in Imperial China would be exceptionally gifted—but that her work would be inscrutable to all but her peers. Beata Grant, however, is determined to share her discoveries “in a way that people can appreciate and understand.” In fact, says the associate professor of Chinese and chair of the Department of Asian and Near Eastern Languages and Literatures in Arts & Sciences: “I’ve always been dubious about this ivory-tower business. I personally believe that part of our responsibility as academics is to make our work accessible to the general audience.”

Grant’s words imply the respect for all people that great teachers share. And her path-setting scholarship has deepened her regard for humanity’s common ground. Her current research focuses on the interrelationship of Chinese Buddhism and poetry of the late Imperial period (17th to 19th century), particularly in women’s writing, and especially in the poems of Buddhist nuns. “One reason I’ve chosen to study traditional China is because I believe that many of the cultural values and insights into the dilemma of being human are still very useful,” she says.

Before college, Grant had been attracted to the idea that in India, where Buddhism began in the 4th and 5th centuries, an entire culture shared the ideal of spiritual realization. But as an undergraduate at the University of Arizona, where “the best language teacher taught Chinese rather than Hindu or Sanskrit,” she decided to study Chinese—an experience she describes as “plunging into the deep sea.” She adds: “I sometimes joke that my whole youth was lost in memorizing and learning to write Chinese characters. After a while you can’t turn back!” Before she went to Stanford for her master’s and doctoral degrees in the subject, Grant lived in Taiwan for two years in order to improve her Chinese. Later she spent two years in the People’s Republic of China working on her dissertation.

Grant discovered that she liked many things about China, “especially the fact that religiosity there was very down-to-earth.” In graduate school, she became interested in how people experience, interpret, and express religion, particularly Buddhism, which has not always had an easy time of it in China. Despite her adviser’s misgivings, she decided to write her dissertation on Buddhism in the life of the 11th-century poet and writer Su Shih, widely regarded as one of China’s greatest literary figures. Prevailing academic wisdom held that Su Shih had only a superficial knowledge of Buddhism—but as Grant worked through mountains of secondary material, as well as Su’s own voluminous writings, she realized that he took

be deeply understood. Her research focus has turned to Chinese women, whose participation in the literary and public world was always constrained and limited, according to the historical record. “If Buddhism was marginal and women were marginal, that is a double marginality. Buddhism was in many ways as patriarchal as Confucianism, and I wondered how these women in their own communities dealt with male monastics and laymen, established networks, encountered obstacles, and found solutions, if only in the joy of meditation.”

Last year, at the invitation of Wilt L. Idema, an internationally known scholar and professor of Chinese literature at Harvard University, Grant collaborated on a survey of such women’s literature over 21 centuries tentatively titled *Writing Women of Imperial China: An Anthology of Poetry, Prose, and Other Writings*, which is being reviewed for publication by the Harvard University Asia Center. Grant is using the 600-plus page tome as a pilot text in her new fall 2002 course Writing Women of China. Early feedback is already in: “I gave it to my mother to read,” says Grant. “She had a hard time reading some of my earlier scholarly work, but this book she enjoyed very much!”

The book promises to be useful as well as fascinating. Its accompanying narrative—which distinguishes the work from others in the field—provides social, cultural, and historical contexts for the diverse writings Idema and Grant excavated. Of the yearlong collaboration, Idema

says: “We had great fun together working on the manuscript. Professor Grant is one of the few scholars who combines expertise in the demanding fields of classical Chinese poetry and of Chinese Buddhism, which made the cooperation not only pleasant but also very fruitful.”

Grant is also preparing another book for publication: *Remarkable Women: Female Chan [Zen] Masters of Seventeenth-Century China*, which represents a significant discovery and fills a scholarly gap. While doing research in the Princeton University library, Grant was riffling

through a privately published 17th-century edition of the Chinese Buddhist canon. Although Buddhist names are not gender-specific, she recognized a single character for *nun* and soon realized that she had found eight discourse records written by women who were not only nuns but Chan [Zen] Buddhist masters. “All other collections of Chan masters’ writing are by men,” Grant says. “And while people knew about early nuns from the 6th century, some from the 12th century, and contemporary nuns, very few people knew these 17th-century women existed at all!”



Above: Professor Grant currently is writing about 17th-century female Chan [Zen] Buddhist masters. Portraits show two of those who left collections of writings. Right: Grant shares this research in her new course *Women in the Chinese Literary Tradition*.



Buddhism far more seriously than scholars had realized. Grant later published her research, which demonstrated Buddhism’s influence on the high culture of the Northern Song dynasty (960–1120), in the book *Mount Lu Revisited: Buddhism in the Life and Writings of Su Shih, 1037–1107* (Honolulu: University of Hawaii Press, 1994).

Grant had also found an objective that drives her work today: to determine how the marginal survives in a mainstream culture. She finds that once she fully appreciates the diversity at a great culture’s margins, what is universal—the connections and the commonality—can



“One reason I’ve chosen to study traditional China is because I believe that many of the cultural values and insights into the dilemma of being human are still very useful.”

Joe Angiles

After intense, basic sinological research—including learning the unpunctuated, unannotated text’s specialized Buddhist terminology and exploring both historical and contemporaneous forces—Grant reconstructed the women’s networks and discovered “a very dynamic group of Buddhist abbesses who built nunneries, raised funds, had hundreds of students, passed down the Dharma [the Buddhist teachings], and wrote quite wonderful poetry.”

In addition to her books, seven articles, and scores of translations, book reviews, and encyclopedia entries, Grant will produce for Wisdom Publications, the major Western publisher of Buddhist works (including many of the Dalai Lama’s books), a book aimed at a more general audience. It will contain translations of the Buddhist nuns’ poems, complete with biographical notes and illustrations.

The belief that scholars have a duty to communicate with all people and that a part of their job is “not so much to ‘problematize’ reality but to show that it’s much more diverse, complicated, and human than we tend to think” enlightens Grant’s teaching. Always, she “shows students that what they learn has implications for their lives or the world around them.” Her success with courses on Asian religions, Buddhism, pre-modern Chinese literature, and women and religion can partly be measured by honors and awards. These include the 1999 Governor’s Award for Excellence in Teaching from the Missouri Coordinating Board for Higher Education and two Kemper teaching grants.

But Grant’s students provide the best evidence. “They flock to her classes,” says Arts & Sciences Dean

Edward S. Macias. Krystel Mowery, A.B. ’92 (Japanese), A.M. ’02 (East Asian studies), took a large helping of Grant’s courses as she earned her degrees. “Beata Grant was always very approachable and strongly encouraged questioning, dialogue, and independent thinking. She recognizes that each of her students is different,” says Mowery, now an assistant in the Visiting East Asian Professionals Program, a new four-year Arts & Sciences program for undergraduate enrichment.

Grant’s intellectual and philosophical convictions also enhance her service as department chair. “The Asian and Near Eastern Languages and Literatures department is highly complex, with seven languages and very different cultures and literatures,” says Macias. “Beata—who is also everything a university could ask for in a faculty member—does a wonderful job of leading while letting everyone be heard.”

Through her service, her teaching, and her research on the hitherto forgotten or misunderstood, Grant offers a worldview that is not alienating—that respects the ways individuals, society, nature, the world, and a hundred billion lifetimes are interrelated. “When I immerse myself in the old Chinese texts, I understand that these human beings grappled with how to live and how to die. People have suffered, and they have come up with answers, some of which are useful and some of which do not translate. What happens to us has also happened to others, and the reverse is true. I find our common humanity very compelling.” (WU)

Judy H. Watts is a free-lance writer based in Santa Barbara, California, and a former editor of this magazine.



September 19, 2002
 Northam
 Western Australia

Student **SPIRIT** Helps Adventurer Make Aviation History

BY DONNA KETTENBACH

This past summer, students transformed Brookings Hall 300 into Mission Control for pilot Steve Fossett's sixth attempt at circling the world solo in a balloon.



Above: On September 5, 2002, the Spirit of Freedom capsule was installed near Charles Lindbergh's Spirit of St. Louis in the Smithsonian Institution's National Air and Space Museum. Six interns (of the 18 who traveled to Washington, D.C., for the induction ceremony) are pictured with pilot Steve Fossett. Top right: Jeremy Raphael (left), B.S.B.A. '02, and Bryan Maddocks, Class of '04, worked on the Media Center Team, and John Russell (right), Class of '04, was on the Radio Actualities Team at Mission Control.

2002 FLIGHT FACTS

DISTANCE TRAVELED: 21,109.6 MILES

DURATION: 14 DAYS, 20 HOURS, 1 MINUTE

LAUNCH DATE: JUNE 18, 2002, 9:30 PM CDT

HALFWAY POINT: JUNE 27, 2002, 4:52 AM

LANDING DATE: JULY 3, 2002, 7:00 PM CDT

SPEEDS: MAX.: 200 MPH; MIN.: 17 MPH;
AVG.: 60 MPH (ALL ROUNDED)

ALTITUDE: MAX.: 34,700 FEET; MIN.: 400 FEET;
AVG.: 21,200 FEET (ALL ROUNDED)



Mary Burkes



Steven Pincel

thanks to a grant from hotelier Barron Hilton, himself a ballooning enthusiast and Fossett's close friend.

"I think people everywhere were energized with a fresh interest in adventure and personal achievement," says Fossett, M.B.A. '68 and a University trustee. "The fine work by the students demonstrated another capability of Washington University."

"Although Steve was the one in the balloon—and at one point flying at 900 feet off rough Pacific Ocean waves—it was a team of countless individuals who helped make this project as successful as it was," says Barry Tobias, a mechanical engineering student and intern supervisor.

Spring Training

Late last spring, while Fossett secured a naming sponsorship, Bud Light,

For a group of Washington University students, their answer to the standard question "What did you do over the summer?" is unrivaled. This group assisted a pilot who flew alone around the world in a balloon. In the process, the students got a firsthand lesson in tenacity and triumph—and helped make history.

Staffing Mission Control for adventurer Steve Fossett's 'round-the-world balloon flight proved to be a one-of-a-kind educational experience for the student interns. Fossett successfully completed his quest to circle the globe in a balloon solo when he crossed the finish line in Australia on July 2. The undergraduate students and recent graduates became part of Fossett's Mission Control Team

and readied his balloon, Washington University began searching for students to staff Mission Control. Those who served on the project in summer 2001 (during Fossett's fifth solo attempt) were contacted, and many "veterans" eagerly returned. Soon 18 interns from three of the University's schools—Arts & Sciences, the Olin School of Business, and the School of Engineering & Applied Science—made up most of the workforce.

After finishing spring finals, project leaders Tobias and Jared Macke turned Brookings 300 into Mission Control. "One copier, five fax machines, 15 computers, 30-something phones, and four weeks of work later, Mission Control was ready," says Tobias, who also served as



AN 1800S AROUND-THE-WORLD ADVENTURE

The urge to circle the globe by Washington University graduates dates back to the late 1800s. Two students, Thomas G. Allen, Jr. and William L. Sachtleben, from the Class of 1890, traversed the globe on bicycles. They had conceived of the idea during their senior year as “a practical finish to a theoretical education” in liberal arts. Officially beginning in Liverpool, England, the two rode for three years. They published a book, *Across Asia on a Bicycle*, in 1894, recounting their travails and triumphs traveling from Istanbul to Peking.

assistant air traffic control coordinator. Macke, a junior studying computer engineering, was also captain of the Web Team. Both had worked on Fossett’s 2001 flight.

Group training began in early June with a detailed explanation of how Mission Control works—presented by Public Affairs staff members (who had run the control center for three of Fossett’s previous attempts)—and ended with hands-on training, role-playing, and practice on the assigned teams.

The interns’ main responsibilities were managing all aspects of the Media Center and assisting the professionals on Fossett’s Balloon Team: air traffic control coordinator, meteorologists, mission director, and project manager.

Interns worked on one of five teams, each led by a team captain plus an adviser from Public Affairs. Members of Bud Light’s Marketing and Communications Department also served as advisers.

The Media Call Center Team answered thousands of calls, 24 hours a day from around the globe; the Media Center Team set up hundreds of media interviews; the Press Conference Team put out media advisories and coordinated news conferences; the Radio Actualities Team interviewed Balloon Team members and recorded sound bites for broadcast media; and the Web Team created, monitored, edited, and updated the project’s official Web page: www.spiritoffreedom.com.

As assistant air traffic control coordinator, Tobias was part of the Balloon Team and worked on “anything to do with tracking or plotting the balloon course.” He talked to air traffic control personnel along the flight path, checked flight levels, updated Hilton daily, and supported other members of that team. Tobias hopes to be an astronaut or a mission controller for NASA some day.

Preparing for Takeoff

As a favorable launch date neared, Fossett’s Mission Control Balloon Team descended on Brookings, while others made their way to Northam, Western Australia, the liftoff site. Another 2001 veteran intern, Emily Fredrix, A.B. ’02, served as media coordinator for Australia and worked in Northam fielding media inquiries, preparing media kits, and writing news releases before and during the launch. After Fossett was in the air, she returned to Brookings Hall to be part of

the Press Conference Team. “I learned the logistics that go into scheduling press conferences and managing an event of this scale are complex,” Fredrix says. “Even the tiniest little detail needs to be managed.”

Rising Above

When Fossett launched on June 18, Mission Control interns rotated in 8-hour shifts, 24 hours a day, seven days a week. While the *Spirit of Freedom* was airborne, its welfare was the joint responsibility of the pilot and those at Mission Control. Fossett communicated with team members via phone and satellite e-mail, as the balloon’s location was carefully mapped, weather systems were monitored using the latest available satellite data, and flight-path alternatives were continually evaluated.

Each intern brought his/her classroom knowledge to the project, whether managing the call center, monitoring electronic communications, or translating foreign languages. For example, because Jerome Cephas, B.S.B.A. ’02, a member of the Media Call Center Team,

2002 STUDENT INTERNS AT MISSION CONTROL

BARRY TOBIAS, ’03

Birmingham, Alabama
M.S./B.S. program in
mechanical engineering,
minor in computer science
*Project Leader, Intern
Supervisor, Assistant Air
Traffic Controller, 2001 Intern*

JARED MACKE, ’04

Belleville, Illinois
Computer engineering
*Project Leader, Web Team
Captain, 2001 Intern*

JEROME CEPHAS, B.S.B.A. ’02

Dover, Delaware
International business and
marketing
Media Call Center Team

DAVID COSTENARO, A.B. ’02

St. John, Indiana
Philosophy-neuroscience-
psychology major
M.S./B.S. program in
mechanical engineering
Web Team

BERNELL (BERNIE) DORROUGH, ’03

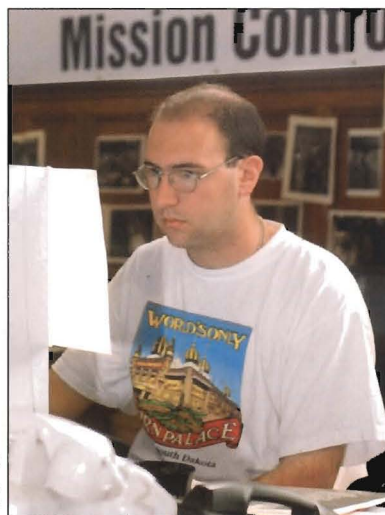
Montgomery, Alabama
English
News Conference Team

Top: Emily Fredrix (at podium), A.B. '02, was part of the Press Conference Team after returning home from Northam, Western Australia, where she served as media coordinator before and during Steve Fossett's launch.



Mary Butkus

Bottom: Mechanical engineering student Barry Tobias served as a project leader, intern supervisor, and assistant air traffic controller at Mission Control.



Mary Butkus

is bilingual, he worked with Spanish-speaking media when the *Spirit of Freedom* flew over South America.

Of the student's efforts, Chancellor Mark Wrighton says: "Steve Fossett's achievement is significant, and it is rewarding that Washington University has provided support for his efforts. I am especially proud of the students who served at Mission Control alongside others on Steve's team."

"I still can't believe I was a key part of this mission," Tobias says. "I never thought that I would find myself working Mission Control for a 'round-the-world balloon flight for 8-hour periods at night alone, or receiving phone calls from a concerned balloon pilot, or talking one-on-one with Barron Hilton giving him updates on Steve's flight, or setting up rendezvous data for a Citation X (plane) and a 200-foot balloon, or talking to a guy named 'Wally' about landing a balloon in a restricted military zone in the middle of Australia's Outback."

Chancellor Wrighton concurs. "This was a great opportunity for our students to have an unforgettable learning experience and participate in such a once-in-a-lifetime adventure," he says. "Long after they graduate and go on to their own careers and professional and personal adventures, they will remember what it was like to be a part of such an important enterprise. These kinds of opportunities illustrate well the coming together of learning, discovery, and personal courage. I am sure that our students have been changed by this experience."

"As a student intern, I have not only been a part of aviation history but have helped a man achieve one of his lifelong goals," notes Ines Tiu, B.S.B.A. '02, who was the Media Call Center Team captain. "I would not trade this experience for anything. I am so glad I did it!" (WU)

Donna Kettenbach is a free-lance writer based in Denver, Colorado.

STEPHEN FORBES, '03

Sheridan, Wyoming
Mechanical engineering, minor in aerospace engineering, concentrating in robots
Radio Actualities Team Captain, 2001 Intern

EMILY FREDRIX, A.B. '02

Solon, Ohio
French
Media Coordinator, Australia, Press Conference Team, 2001 Intern

JAMES GARNER, A.B. '02

Cincinnati, Ohio
Physics
M.B.A./M.S. program in mechanical engineering
Web Team

SHAWN HENDERSON, '05

St. Louis, Missouri
Management, marketing, and political science
Radio Actualities Team

ERIN HICKEY, '04

Fort Dodge, Iowa
Operations and manufacturing management, and computer science
Web Team, 2001 Intern

BRYAN MADDOCKS, '04

Lexington, Kentucky
Finance and civil engineering
Media Center Team Captain

DAVID PELAVIN, '03

Woodcliff Lake, New Jersey
Accounting and finance
Media Call Center Team

DAVID PERLMAN, '03

St. Petersburg, Florida
Finance, marketing, and history
Media Center Team

JEREMY RAPHAEL, B.S.B.A. '02

New York, New York
Management and marketing
Media Center Team

JOHN RUSSELL, '04

Ithaca, New York
Earth and planetary sciences, minor in physics
Radio Actualities Team, 2001 Intern

MARTIN SCHILLING, '04

Chesterfield, Missouri (originally from Germany)
International business and German
Media Call Center Team

ELLEN THOMPSON, A.B. '02

Topeka, Kansas
Biology and French
Media Center Team

INES TIU, B.S.B.A. '02

Park Ridge, Illinois
Marketing
Media Call Center Team Captain

“WE’RE GETTING CLOSE, but ... there is so much important work to do!”

(A message from Chancellor Mark S. Wrighton)



The recently completed Arts & Sciences Laboratory Science Building is the new home for the Department of Chemistry.

We’re getting close, but we’re not there yet,” says Chancellor Mark S. Wrighton, “and there is so much important work to do. Much has already been accomplished, but there are high priorities we set that are still to be fully funded. As my predecessor Bill Danforth has said, ‘A great university is a work in progress; it always has more excellent ideas than resources to support the ideas.’

“That is certainly the case at Washington University,” he continues. “And the importance of the \$1.28 billion lies

less in the impressive amount itself than in the opportunities it is opening up to our students and faculty. Those dollars are only enablers; that money is only important in that it enables us to do something worthwhile. And we are doing that in the battle against cancer, in executive education, in biomedical engineering, in genome research, in every discipline ... every school has been strengthened.

“No one disputes Washington University’s excellence and leadership in many fields. It is one of a small number of outstanding research universities educating the best talents and minds we have, in many fields and endeavors. It is expanding our understanding of the world. It is making significant contributions to improving the lives and livelihoods of people everywhere. In short, a society based on reason, technology, leadership, and innovation needs those who can do each of these best.

“Which, of course, leads us to Washington University and the *Campaign for Washington University*,” Wrighton notes. “We have a vision of accelerating our ascent among the world’s truly great universities, of continuing to grow in strength, in reputation, and, most of all, in service both to students and the wider world. By fulfilling our vision, the people of this University—its students, faculty,

staff, and alumni—can assist in making the world a better place, in ensuring a brighter future for society.

“Thanks to the leadership of Sam Fox, chair of the public phase of the Campaign, members of the Campaign Steering Committee, and our many volunteers, and to the unprecedented generosity of the more than 80,000 alumni and friends who are already participating in the Campaign, we’ve made tremendous progress toward fulfilling our vision.

“Now it is time to drive for the finish line. During the next 18 months, our focus will continue to be—as

Joe Angellis

As of October 31, 2002, gifts and commitments to the Campaign for Washington University totaled \$1.28 billion, more than 98 percent of the \$1.3 billion goal. The Campaign is scheduled to conclude June 30, 2004.

it has been until now—on the four Campaign priorities: 1) people; 2) academic programs, student life, and the libraries; 3) new construction and renovation of existing facilities; and 4) unrestricted annual support.”

People: “The strength of Washington University is its people; a university is judged by the quality of its teaching and research and the achievements of its graduates. When the Campaign was started, Washington University had just 138 endowed professorships, significantly fewer than many of its peer institutions. An unspoken hope was to double that number during the Campaign in order to better compete with other top research universities for the best senior and junior *scholars and teachers*, men and women who can continue to create new knowledge and who train the leaders who will help society meet the challenges of the 21st century. To date, 115 new endowed professorships have been added—in disciplines ranging from architecture, art history, and women’s studies to biomedical engineering, child developmental psychology, the humanities, law, and orthopaedic surgery. That leaves 23 to go to reach an ambitious goal.

“To attract and engage the outstanding *students* who are the hope and the future of this country and the world—and not just those who have the resources to make it possible (more than 50 percent of undergraduates are receiving scholarship assistance this year, and the need is equally great among graduate students)—trustees set a goal of \$175 million in new endowment for scholarships and fellowships. To date, \$134.8 million in gifts and commitments, including a \$25 million gift from Enterprise Rent-A-Car, has been received. That leaves \$40.2 million to be raised.”

Academic Programs, Student Life, and the Libraries: “To focus, at one and the same time, on quality education and cutting-edge research is especially costly, but that is the core of excellence at Washington University. Although the original goal for these purposes has already been exceeded, certain initiatives in this area remain underfunded; for example, the \$15 million target

for building and maintaining the University Libraries’ collections, preserving the existing collection, and providing access to electronic information resources is still \$3.1 million away.”

New Construction and Renovation of Existing Facilities: “In just the last year alone, we dedicated the Charles F. Knight Executive Education Center and the Stanley and Lucy Lopata House in the Small Group Housing Complex, completed the renovations of Bixby and Givens halls, cut the ribbons to open the new Center for Advanced Medicine and the National Cancer Institute–designated Alvin J. Siteman Cancer Center, opened the Laboratory Science Building for Arts & Sciences students, watched Uncas A. Whitaker Hall for Biomedical Engineering move toward completion, and broke ground for the new Earth and Planetary Sciences Building. All of that is part of providing students and faculty the best possible physical environment for learning and teaching, and some \$80 million is still needed just to complete projects already under way or on the drawing board.”

Unrestricted Annual Support: “Unrestricted gifts play an essential role in everything the University does, and Washington University wouldn’t be Washington University without them. For example, to produce the \$13.5 million in gifts to the Annual Fund received in the last fiscal year would require an additional \$400 million in the endowment. Our goal is to increase annual unrestricted support to \$15 million and alumni participation to 35 percent by the Campaign’s

end. To achieve those goals, all gifts—at whatever level—are critical.

“I wish there were some fresh new way to say thank you to each of our many alumni and friends who have invested in Washington University,” says Wrighton. “They have already ensured that this campaign will be an unprecedented success. Their continued involvement—and that of others—will be critical to achieving even greater success in the last months of the Campaign.”



In December 1999, Wayne Fields (right) was installed as the Lynne Cooper Harvey Distinguished Professor of English—a professorship endowed by alumna Lynne “Angel” Cooper Harvey (left) and her husband, Paul. It is one of the 115 new named professorships created to date during the Campaign.

Mary Burkes



William
Greenleaf Eliot



Wayman Crow

The tradition of endowing professorships at Washington University dates back to 1856 when Wayman Crow, one of the University's co-founders, endowed a professorship in chemistry in William Greenleaf Eliot's name.

A Tradition of Honor: Endowed Professorships

Since the *Campaign for Washington University* was publicly announced in September 1998, 115 new endowed professorships have been established, bringing the total number the University has to 253. As the number of endowed professorships rises, so does the excellence of the University's faculty. Bestowing a faculty member with an endowed professorship is the highest honor a university can give to one of its members. This high honor helps attract and retain the best faculty, which in turn helps the University attract the best students.

The tradition of endowing professorships at Washington University dates back to 1856 when Wayman Crow, one of the University's co-founders, endowed a professorship in chemistry in William Greenleaf Eliot's name. Crow was honoring his colleague and co-founder and underscoring the importance of endowment for an independent institution of higher learning. (Images at top of page courtesy of Washington University archives.)



Joseph J. H. Ackerman (second from right) is the current William Greenleaf Eliot Professor of Chemistry. Ackerman also is the chair of the Department of Chemistry.

The first holder of the William Greenleaf Eliot Professorship of Chemistry was John M. Schofield, 1857–1862. Subsequent holders included Abram Litton, 1862–1891; Charles R. Sanger, 1899; Edward Harrison Keiser, 1900–1913; Leroy McMaster, 1922–1946; Joseph W. Kennedy, 1950–1957; John Sowden, 1957–1962; and David Lipkin, 1966–1981, when he became Eliot Professor Emeritus.

The current holder is Joseph J. H. Ackerman, professor and chair of the Department of Chemistry

in Arts & Sciences, and professor in both the Department of Internal Medicine and in the Department of Radiology at the School of Medicine. Ackerman is known internationally for his contributions to the application and development of nuclear magnetic resonance techniques for the study of intact living systems. (WU)

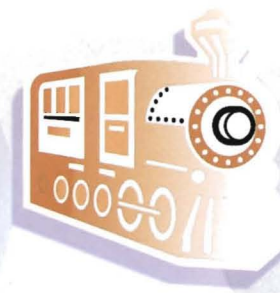
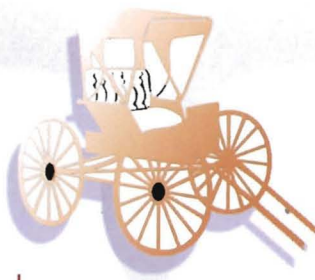


Joe Angiles

Revolutionizing the Automotive Industry and the World

Alumnus Geoffrey Ballard is on a crusade to replace the internal combustion engine with hydrogen fuel cells—and the movement is gaining ground.

BY C.B. ADAMS



Mr. McGuire: "Ben, I just want to say one word to you—just one word."
Benjamin: "Yes, sir."
Mr. McGuire: "Are you listening?"
Benjamin: "Yes, sir. I am."
Mr. McGuire: "Plastics."
(gravely)
They look at each other for a moment.
Benjamin: "Exactly how do you mean?"
Mr. McGuire: "There is a great future in plastics. Think about it. Will you think about it?"
Benjamin: "Yes, I will."

—From the final draft of the script for *The Graduate*

If moviemakers ever remake *The Graduate*, Geoffrey E. H. Ballard would be the perfect man to play Mr. McGuire. But instead of "Plastics," Mr. McGuire would say to Benjamin, "Hydrogen."

Ballard, who received a doctorate in earth and planetary sciences from Washington University in 1963, is a big promoter and an even bigger believer in the coming-soon-to-a-decade-near-you hydrogen economy. In his vision of this new world energy order, which is shared by a growing list of scientists, government officials, and businessmen, hydrogen would replace petroleum products to power our cars, trucks, buses, and other vehicles. Hydrogen fuel cells convert hydrogen, the most abundant element in the universe, into electricity. And unlike petroleum products, the only by-products of the process are heat and water.

Ballard is a bit like a fuel cell himself. He has converted a lifetime of experiences into two successful businesses. He was born in Niagara Falls on the Ontario, Canada, side, where he spent idyllic summers canoeing, drinking water from pure streams, and enjoying the great outdoors. He attended Queen's University in Ontario and majored in geological engineering.

"That was the only degree in which I could be actively engaged in the outdoors," Ballard says. "I had a fear of graduating and being put into an office at that age. I have been an environmentalist all my life, and I have always been interested in the ways man-made things interface with planet Earth."

After he graduated in 1956, Ballard worked for Mobil Oil as a field geologist in the Middle East. Two years of dust, mule teams, and packing a pistol

prompted him to write his professors at Queen's University, inquiring about an advanced degree in geological engineering. They steered him to Washington University in St. Louis, one of the few schools in North America offering such advanced studies.

With his Ph.D. in hand, Ballard joined the U.S. Department of Defense. During the next 10 years, he worked in an assortment of fields, including ice physics and glaciology, microwave communications, and materiel command. In 1974 at the start of the oil crisis, he participated in a six-month study of energy self-sufficiency for the Office of Energy Conservation.

"I came to the conclusion that the United States wasn't going to do a great deal about replacing the internal combustion engine, so I struck out on my own," Ballard says.

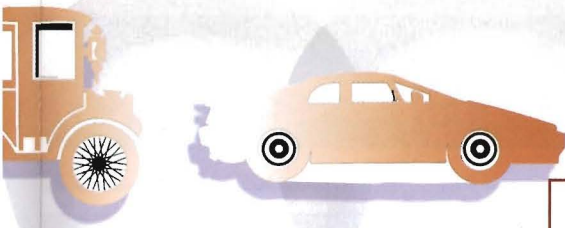
Ballard drained his pension fund and purchased a run-down hotel in Arizona that he turned into a laboratory. At the time, he and his technical team thought the best alternative to the internal combustion engine would be lithium batteries. Seven years and a bankruptcy later, he realized he was wrong.

"There is still a long list of advocates of batteries in the world today, but they haven't spent the time in the field trying to meet the requirements of the modern buyers of an automobile," he says. "I do not believe we are going to change the world by driving something that is the equivalent of a golf cart. To be successful with a new technology in the automotive world, you have to satisfy the specific needs of the person buying the automobile."

In 1983, Ballard pulled together a new technical team and began looking at experimenting with fuel cells. Fuel cells are not exactly the new energy kid on the block. They have a history reaching back 150 years. They were even used successfully in the Gemini space program to provide power to onboard electrical systems. The challenge was to make fuel cells that were lighter, smaller, and cheaper.

Ballard and his team did just that. In the early 1990s, Ballard raised \$4.2 million to fund the project that placed hydrogen fuel cells in worldview. He designed, built, and put on the road the first bus that was powered by hydrogen fuel cells and was pollution free. People came from around the globe to ride this magic bus on its route in Vancouver, British Columbia.

"I was becoming very concerned about inner-city pollution and the hundreds of thousands of children



HYDROGEN

FUEL CELLS

HYDROGEN FUEL CELLS

whose lungs were going to be destroyed by pollution, in contrast to my own childhood in the 'Great White North,' enjoying fresh air and drinking from streams," he says.

In 1993, his company, Ballard Power Systems, Inc., went public. Not long after, DaimlerChrysler and Ford Motor Co. purchased a combined 35 percent of the company for \$750 million. In 1996, Daimler unveiled a minivan with Ballard fuel cells under its hood. The market for fuel cells shifted up a gear or two when the State of California passed a law requiring 10 percent of cars to have zero emissions by 2003. Since then, all of the major car companies have begun developing automobiles powered by fuel cells.

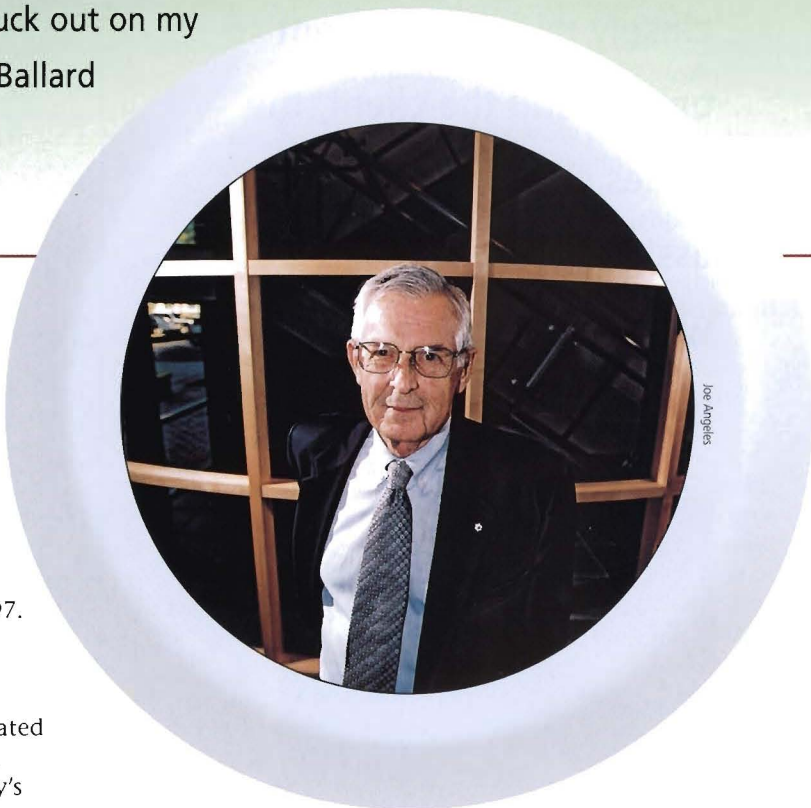
Ballard, ever trolling for new challenges, retired from Ballard Power Systems in 1997. Two years later, he founded General Hydrogen Corporation—with his former partner Paul Howard and Michael Routtenberg (a co-founder of Xillix Technologies)—a company created to devise ways to deliver pure hydrogen to fuel-cell vehicles. That is, to develop the equivalent of today's ubiquitous gas pump.

The idea of hydrogen-powered vehicles sounds too good to be true. After all, can we really have the variety of powerful vehicles on the road today (around 800 million alone in the free world) without the internal combustion engine and without the proliferation of pollution and greenhouse gases? Can we really trade our gas-guzzling SUVs in for SUVs hopped up on hydrogen? Ballard, known as "The Bulldozer" by his business associates, gives a resounding "yes."

"There is no doubt in my mind that the world will convert to a hydrogen economy. It can happen 10 years earlier if we can get the world moving on it," he says.

For all his work and innovation, Ballard has received an array of accolades in recent years. He is the subject of the book *Powering the Future: The Ballard Fuel Cell and the Race to Change the World* (John Wiley & Sons, 1999). In 2002, he received a *Discover Magazine* Innovation Award, which honors scientists who have revolutionized their fields. CBC Newsworld featured him as a Master of

"I came to the conclusion that the United States wasn't going to do a great deal about replacing the internal combustion engine, so I struck out on my own," Ballard says.



Joe Angeles

Modern Technology in 2001. In 1999, Ballard was designated a "Hero for the Planet" by *Time* magazine. He received the World Technology Network Award for Energy and the Environment in 1999 and 2001, respectively. He also received the first-ever Göteborg International Environmental Prize from Sweden in 2000.

From obscure researcher and inventor to much-vaunted businessman and visionary, Ballard is now at a time and place in his career to ruminate on his success. "When I embarked 20 years ago on this idea of trying to replace the internal combustion engine and replace petroleum as the primary energy source for transportation, I knew my idea was not a very popular one. It has since become extremely popular because of the solution. I consider myself a visionary who was very, very fortunate to be born at the right place and the right time," he says. (WU)

C.B. Adams is a free-lance writer based in St. Louis.

Confronting the Complexities of

As principal and founder of Amie Gross Architects, alumna Amie Gross works closely with every client to understand the client, the issues surrounding the assignment, and what will give each project "its identity in the landscape."



Norman McGrath



Jennifer Weisbord



Norman McGrath

The Shared Entry Building (above) and a recreational fountain (right) are part of Phase I construction of the Genesis Neighborhood Plaza (master plan by Amie Gross Architects).



The daughter of politically active parents, Gross has given AGA a socially conscious focus on emerging and growing neighborhoods. Stirrings of social concern began in early grade school, when her mother took her to see a healthy low-income area being decimated to make way for the architecturally significant Lincoln Center for the Performing Arts. Her mother described the plans for the cultural mecca, explaining how exciting it all was, but she added: "They are destroying a neighborhood."

"I began to understand the complexity of urban architecture—that building involves many considerations from a social as well as an urban-design standpoint," Gross says.

Highly innovative responses to a variety of human dilemmas are among AGA's achievements. A striking example is Brooklyn's Genesis Neighborhood Plaza, a four-phase project designed for Help USA, a national provider of housing and services for the homeless. "Before the first funding was even in place, we were hired to see what could be done," Gross says. "Because we could design to the need, we contributed in creating a neighborhood with housing, health care, day care, and retail space."

Ultimately, 121 apartments for low-income and formerly homeless people will be constructed in the Plaza, which was featured in *The New York Times* on August 25, 2000. For Gross, the project is all about community.

"Something has happened to our environments in America," she says. "They are insular, centered on single-family homes. To my mind, regardless of income, people in our country increasingly crave community. They don't want to be alone."

Growing up in an in-your-face town where one constantly confronts "the sheer mass of it all" probably contributed to Gross' self-confidence and success in what has been a largely male profession and in a ferociously competitive environment of just less than 2,000 architectural

Manhattanites—who of necessity probably spend more time walking than residents of any major city in America—have always been accustomed to shopping under scaffolding, watching cranes overhead, and talking through the din of air-hammers, heavy machinery, and shouts. In a city perpetually being built and rebuilt, restored, rehabbed, refaced, and reapportioned, no wonder native Amie Gross, principal at Amie Gross Architects (AGA), is attuned to the built environment and its human ramifications.

For HELP USA, Amie Gross Architects created the master plan for the Genesis Neighborhood Plaza. A four-phase development, the 148,000-square-foot, mixed-use complex incorporates 121 units of housing, 8,000 square feet of retail space, a day-care center, a health clinic, supermarket, and a separate structure containing a community center, in East New York, Brooklyn.



firms. She is very confident and very tough at construction sites (which she likens to the Wild West). “I don’t get pushed around,” she says. “My staff and I know what we are talking about, so we get respect—and we give respect. A lot of people are involved who have different needs, and it’s part of the architect’s job to sort things out.”

At AGA’s midtown headquarters, where award-winning \$500,000-to-\$20 million projects are born, Gross’ approval rating may have been captured in an admiring secretary’s spontaneous comment, “Amie rocks!” Gross works closely with every client to understand the issues, what the client is about, and what will give the particular project “its identity in the landscape.” The design and building process is intensely researched at the mid-sized firm and clearly communicated at every step to the many groups involved, including clients, planning boards, building departments, manufacturers, engineers, and contractors. And AGA’s client list is nearly as diverse as the city setting: It includes local, state, and national not-for-profit organizations and government agencies; developers; corporations; and retailers.

Artfully Finding Architecture

Although Amie Gross always had an acute kinesthetic sense of herself in her surroundings (and of others in their environments), she didn’t find her place in the larger landscape for years. Her mother, an art dealer, groomed her to be visual, choosing their Upper East Side apartment because it was near the Metropolitan Museum of Art. By the time Gross headed for Washington University—convinced she would become a sculptor—she had spent the equivalent of many months at the Met, absorbing the art and artifacts of the centuries.

At Washington U., Gross studied art, “had superb professors,” did very well, and was “very happy.” But the thing was, she considered her sculptures models for 100-foot pieces set in a city square, and was continually caught up in questions such as how people would approach them. Finally—fortunately—a professor said to her, “Maybe you want to be an architect.”

“I realized that I had been doing architecture all along,” she says, “yet becoming an architect had never occurred to me!”

Her mother, who had two daughters, was ecstatic: “Why didn’t I think of that? I’d much rather have ‘my daughter, the architect’ than ‘my son, the doctor!’”

After graduating in 1975 with an architecture degree, Gross worked with Boston’s Cambridge Seven Associates until one morning she turned on *Today*, saw the New York City streets, cried with sudden homesickness, and decided to move. In 1984, by now a project director at New York’s Walker Group/CNI (“another wonderful place”), Gross told the president, Kenneth

Walker, she was thinking of starting her own firm. “Try it!” he said. “You can always come back.”

In May 2002, Gross went back to her University foundation when she traveled to St. Louis to accept the architecture school’s Distinguished Alumni Award. She took her two children, son Azra, 12, and daughter Renata, 8 (who names all Gross’ buildings by color). “I was so full of pride returning to my alma mater with them,” she says. “We talked with some of my former professors, and the children went with me to Mr. [Leslie] Laskey’s house. He amazed them with stories about how I wouldn’t listen to him.”

Considering Human Implications

Amie Gross, Azra, and Renata have recently experienced another homecoming: their return to the Battery Park City apartment they left on September 11, 2001. “We lived three blocks from where the world changed,” Gross says simply.

After the disaster, Gross became a community lightning rod for issues related to the environment around Ground Zero. When the Board of Education quickly tried to reopen schools in the area, for example, Gross and other parents were appalled. Concerned about their children’s psychological health and physical safety, they sued, delaying the children from returning to an area with quite questionable air quality.

“The tragedy has so many tentacles,” Gross says. “What about the land? Thousands of people lost their lives there, and finding the right memorial and buildings is the architectural community’s supreme challenge. There are layers of issues—about sacred spaces, about being respectful to the survivors, about dealing with the issues of commerce and the lost tax income for the city. How are we to find a physical form to accommodate those concerns? Each is legitimate in its own way.

“I have a private notebook with my own solutions,” she continues. “Perhaps there will be an open competition for the memorial. *That* I would like to enter.” (WJ)

Judy H. Watts is a free-lance writer based in Santa Barbara, California, and a former editor of this magazine.



David Kilper

BUILDING A BALANCED LIFE

BY TERRI McCLAIN

Constantly striving to incorporate his ideals with his work, alumnus Paul McKee runs a “family” of businesses, “creating spaces where community takes place.”

“We create the space where community takes place’ is one of our mottos,” says McKee. “... LifeWorks means living, learning, working, and playing in the same place so your life works better.”

Paul McKee thinks big. And like a good engineer, he thinks in terms of processes: How do we work? How do we live? How do we play and learn? And, most important, how can we successfully integrate these various aspects of our lives?

It’s something he’s been thinking about, in one form or another, since he was a kid.

“I always knew I wanted to build,” McKee says. “My dad and my uncle and my grandfather were all homebuilders, so I grew up around the construction trades. I love to build because you are always accomplishing something that people will use and enjoy. There was never a doubt in my mind when I was a young man what I wanted to do.”

McKee, B.S. ’67, studied civil engineering at Washington University, and it didn’t take him long to realize that he had much to learn.

“Engineering is an outstanding education. It teaches you the basic ‘whys’ and ‘hows’ of the construction process, from the soil to the concrete to the mechanical system. It also teaches you a way to think. That was very, very good for me.”

In 1979, McKee joined with friend and fellow engineer Richard Jordan to form Paric Corporation (the name is a combination of their first names) and a year later began their involvement in Environmental Management Corporation (EMC). Twenty-three years later, they’re still partners. Paric is one of the top construction companies in the country, and EMC operates water, waste-water, or public works facilities in more than 65 cities in 12 different states.

“My ambition for where we were headed was building what I call a three-legged stool,” McKee says. “The three

legs are Paric, EMC, and McEagle Development. They are the result of three concepts: We like to build things, we like to operate things, and we like to own things. The building leg is Paric. EMC is an operating entity, although it owns process assets. And McEagle owns real estate. When we can have our three-legged stool involved in a project, we can leverage the best out of all three entities.”

McKee is chairman of the three companies. He refers to them as his “family of businesses.” But, more than that, it’s a family business. His brother Mike is president of EMC. Son Joe, M.B.A. ’91, is president of Paric Corp.; son Chris, M.B.A. ’99 (executive program), is vice president of EMC; and daughter Meg is an engineer at EMC. (McKee’s other daughter, Kate, is a nurse practitioner at Washington University Medical Center.)

“My wife, Midge, is the love of my life and has been my partner for 36 years,” says McKee. “We work very hard to not let business get in the way of family. We want all of our partners in our family of businesses to know we don’t run our companies from the dining room table. We spend a lot of time with each other, but we’re not sitting around talking about the business on weekends. We’re talking about our grandkids and our family.”

BUILDING COMMUNITY

McKee is something of a philosopher, constantly working to integrate his ideals with his work. He’s distilled much of his philosophy into a single term: LifeWorks, a trademark owned by McEagle Development.

“We create the space where community takes place’ is one of our mottos,” he says. “We really believe in community. LifeWorks means living, learning, working, and playing in the same place so your life works better.”

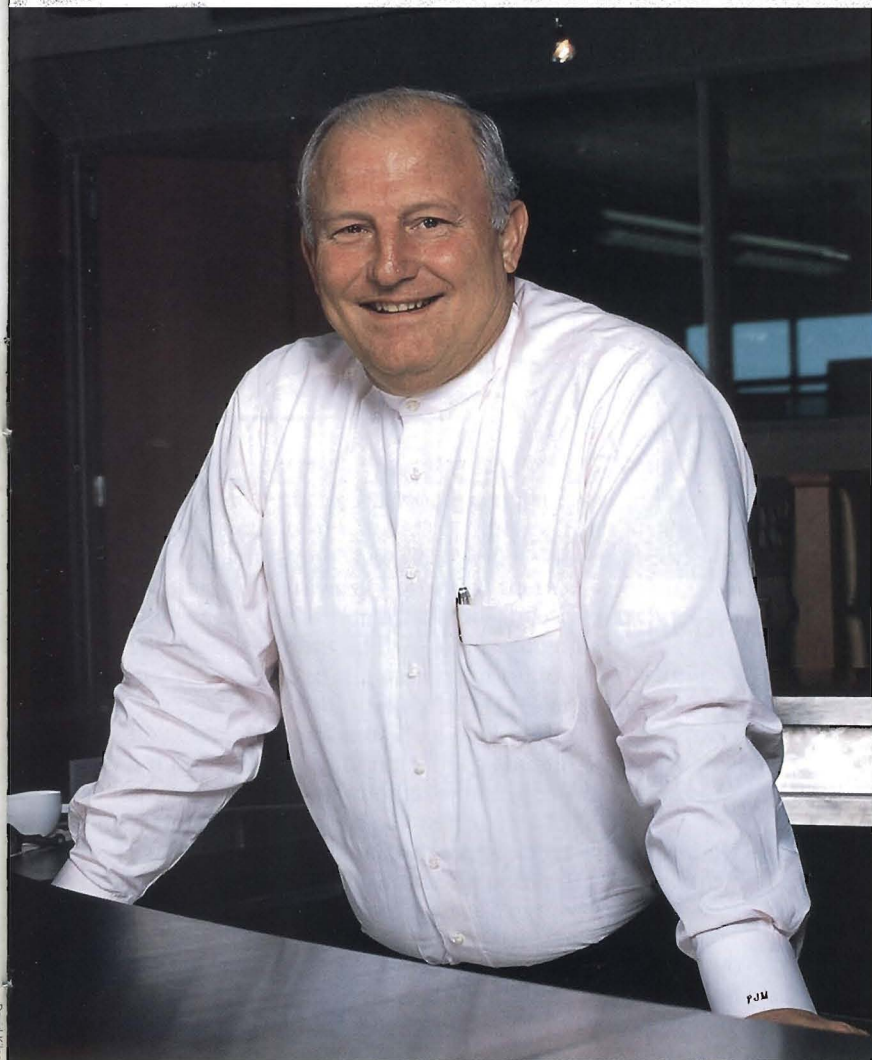
In the McKee family of companies, community starts in the office.

“All of these companies have very strong core values,” McKee says, “things like integrity, doing what you say,



Previous page: Paul McKee, B.S. ’67, is at home in WingHaven. Above & right: WingHaven is a 1,200-acre development in O’Fallon, Missouri, that, when complete, will include 1,240 homes—some in the “New Urbanist” style (shown at right)—an 18-hole golf course (clubhouse above), jogging trails, more than 30 acres of retail shops, a grade school, hotel, restaurants, more than 2.5 million square feet of office space and 4 million square feet of research and development space.





In the McKee family of businesses—Paric Corporation, Environmental Management Corporation, and McEagle Development—community starts in the office. Now all three companies and their employees are together at WingHaven.

“The growth of the biobelt is an incredible opportunity for the region,” he says, “but also an incredible opportunity for our companies because we understand what it can mean to our community.”

BUILDING A HAVEN

The LifeWorks philosophy has found form in a “knowledge-based community” called WingHaven. When complete, the 1,200-acre development in O’Fallon, Missouri, will include more than 1,240 homes—ranging from apartments and \$89,000 condos in four-family flats to \$750,000 executive homes—an 18-hole Nicklaus-designed golf course, jogging trails, more than 30 acres of retail shops, a grade school, hotel, restaurants, more than 2.5 million square feet of office space, and more than 4 million square feet of research and development space. In addition to the McKee family of companies, WingHaven houses Nordyne, Inc., and MasterCard Global Technology and Operations Center.

There are also attractive boulevards, with the occasional playground, sculpture, or gazebo in the green space. White fences, reminiscent of Kentucky horse farms, surround the entire community. Some expensive homes are situated away from the golf course, while \$125,000 villas back up to the green.

“We didn’t think just the rich should have a beautiful view,” McKee says. “You can’t build community without economic diversity. WingHaven has all kinds of people living here together. We believe that with economic diversity, other kinds of diversity will follow. We like to say that everybody from the secretary to the CEO could live here.”

Phase III of the development is designed in the “New Urbanist” style. The houses are closer to the street, with old-fashioned facades, front porches, alleys, and rear-entry garages.

“The idea of the New Urbanist village is to get the people to interact more,” says McKee. “The city helped us create a new zoning ordinance called the ‘mixed-use district,’ allowing homeowners to rent out their carriage house or to have a little family business there. It’s going to create a different kind of lifestyle.”

Does he foresee more LifeWorks communities like WingHaven?

“Oh, absolutely. LifeWorks means a balanced life. People respond to that.” 

being involved with the community. Having the right people with the right core values permits us to do great things for our customers and partners.”

Their new offices in O’Fallon, Missouri, bring all three companies, and their employees, closer together. They are housed together on a single floor in a wide, glass-enclosed space. There are no separate offices, only separate spaces—even for McKee and the other executives. Where once the employees of the three companies rarely interacted and often didn’t know each other, now they work and socialize in common areas. The perimeter of the entire office space is open. As McKee says, “Everyone shares in the natural light.”

The lobby, called the “Park,” features a sculpture depicting the LifeWorks philosophy. The Park opens onto a wide, neo-industrial common area known as the “Town Square,” which includes a reception desk, restaurant-style booth seating, and a bar area complete with soda fountains. Off the Town Square are entries to Paric, EMC, and McEagle. Although they have separate entrances, their spaces flow into one another. Meeting rooms with names like Barn, Shack, and Doublewide create a casual atmosphere that somehow manages to coexist harmoniously with the industrial décor and cutting-edge technology.

McKee’s community efforts reflect the same concerns. He strongly supports the growth of the St. Louis region as a leader in biotechnology, an endeavor in which he sees Washington University as a key player.

Terri McClain is a free-lance writer based in St. Charles, Missouri.

EYEWITNESS TO A CENTURY

■ As Washington University prepares to commemorate the 150th anniversary of its founding in February 1853, I. E. Millstone observes his own milestone in January—his 96th birthday. For him, nearly two-thirds of the University's history is personal recollection.

At last May's Reunion celebration, I. E. Millstone, representing the 75th Reunion Class of 1927, was chosen to lead the procession of returning alumni in the Great Bear Parade at the Reunion Gala. Those 75 years since his graduation represent only a portion of his lifelong connection with Washington University. He recalls that his father, although not a graduate, took engineering classes at the old downtown campus before the University moved to its new Hilltop Campus after the World's Fair; an engineering graduate, Millstone himself is still active on the University's Board of Trustees as a Life Trustee. By his reckoning, he has witnessed most of the University's progress and achievements during the 20th century and into the 21st.

His energy, attitude, and ongoing community involvement belie the fact that he will soon celebrate his 96th birthday. He remains curious and eager to learn more about everything and everyone he encounters. A man of many accomplishments and contributions, an innovator and visionary, his 95th birthday was marked by a special celebration hosted by the Missouri Historical Society. The society's director, Robert R. Archibald, says, "For me I. E. Millstone embodies the great theologian Reinold Niebuhr's observation that 'Anything worth doing takes more than one generation, therefore there must be hope.'" Archibald said that Millstone is one who will make a difference in the lives of those he will never know because he has used his allotted time to make this world a better place for them to inherit.

Few sites in the St. Louis area have not seen the impact of his work and his involvement. A pioneer in the use of reinforced concrete, he founded Millstone Construction, Inc., at age 22. The company and the work it has done

over the years are known far and wide, from the nation's first public-housing complex in Florida to St. Louis landmarks such as Busch Stadium and the Milles Fountain, from office towers and shopping malls to highways and bridges, from the United States to Israel.

I. E., as he is known throughout the community, still goes to his office at K & M Investors in Clayton every day. You can't say he's retired, or even semiretired—his work ethic and active participation in various community organizations make such adjectives meaningless. The word "retired," however, does pop up on his résumé, which lists him as past president (retired) of Millstone Construction, Inc., and past chairman (retired), Millstone Bangert Construction Co. But he continues as president of K & M Investors and president of the Millstone Charitable Foundation, founded in 1955.

Young people who were part of the first generation of American-born sons and daughters of immigrant Jews, as Millstone was, were coming of college age in the years just before and after World War I. Other leading universities of the time did not admit or had very small quotas for Jewish students. "What happened," Millstone says, "was that Washington University educated a whole generation of Jewish boys and girls from the St. Louis area." Many of Millstone's contemporaries and those who followed went on to become great successes in business and the professions; their names are familiar to St. Louisans: Sachs, Siteman, Lopata, Senturia, Fox. Dr. Abram Sachar, the founding president of Brandeis University, was a schoolmate of Millstone's.

Grateful for the chance Washington University gave them, many of this generation have repaid the University several times over for their education by donating buildings,

endowing faculty chairs, providing scholarships, and serving on the faculty or the Board of Trustees. Their loyalty and their philanthropy were born of the opportunities that Washington University provided them.

"They could live at home, ride the streetcar to school, and still work evenings and weekends, often in their parents' stores, to earn the money for tuition," Millstone says. He earned his tuition, then \$200 a year, by working as a lifeguard at Fairgrounds Park pool in the summers for \$90 a month. "Today, I don't think a student would be able to make anywhere near enough working in the summer-time at any kind of job to pay tuition of \$25,000."

That realistic perception perhaps explains why Millstone has become such an enthusiastic supporter of scholarships in Arts & Sciences and the schools of Engineering & Applied Science, Architecture, and Social Work. More than 60 students each year benefit from his generosity. He recognizes the importance for today's students of good educational opportunities, and he values his relationships with the generations that have followed his own. "They are the future," he says, "and through and with them I can continue my own efforts to make this an even better community for others who will live here."

The University has felt the impact of his philanthropy and his company's service in other ways. The Athletic Complex's Millstone Pool is one of three in the region that bears the former championship swimmer's name. Millstone Plaza, Millstone Lounge, and the Millstone Chair in Environmental Engineering recognize his support. His company built Sever Hall in the School of Engineering and residence halls and the Wohl Center in the South 40. In the 1940s, he talked Chancellor Arthur Holly Compton out of using a Quonset hut to house student activities. "We can do better," he said. In its place, he built a temporary building of concrete block for that purpose at no cost to the University. He has been an adviser and counselor to several Washington University chancellors. He has known all of them from the seventh chancellor, Herbert S. Hadley, to the 14th, Mark S. Wrighton.

A modest man who does not seek recognition for himself, he has nevertheless been showered with honors by educational institutions, the Jewish community, and professional and community organizations. Washington University has honored him with engineering and architecture alumni awards, the Robert S. Brookings Award, the William Greenleaf Eliot Society Search Award, a University Alumni Citation, and an Honorary Doctor of Laws degree. He was also inducted into the University's Sports Hall of Fame in 1996.

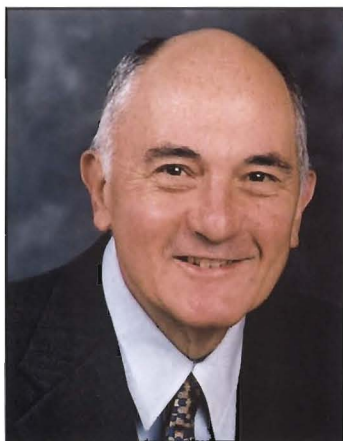


David Klyne

I. E. Millstone, B.S. '27

■ His energy, attitude, and ongoing community involvement belie the fact that he will soon celebrate his 96th birthday. He remains curious and eager to learn more about everything and everyone he encounters.

William H. Danforth, chancellor emeritus and vice chairman of the Board of Trustees, sums up Millstone's influence: "I. E. Millstone understands his fellow humans, our weaknesses as well as our strengths, our foibles as well as our accomplishments, but that realism, which can lead others to cynicism, never undermines his hope or dims his almost boyish idealism. The benefits to Washington University, to the Jewish community, to his city, to his country, and to Israel have flown and continue to flow almost naturally from the vision, wisdom, character, and abilities of this remarkable man." (WU) —John W. Hansford



A Continuing Connection

The University and its alumni stay connected—for the benefit of all.

John Gianoulakis, A.B. '60, chair of the Alumni Board of Governors for 2002–2003, is looking forward to

greater alumni participation this year than ever before.

“We want all alumni to continue to benefit from their connection with Washington University,” says Gianoulakis. “Of course, many activities appeal to alumni in the St. Louis area, but you can participate regardless of where you live. Whether you meet visiting faculty and fellow alumni through your local Washington University Club, or volunteer for the Alumni and Parents Admission Program or the National Councils, you can stay in touch while making an important contribution. And, of course, Reunion is always a wonderful opportunity for graduates from all over the United States and abroad to reconnect with the University and each other.”

Online services available at the University’s Web site, alumni.wustl.edu, make it easy for alumni everywhere to stay in touch. Valuable resources include the online Alumni Directory and “Career Connections,” a network linking knowledgeable alumni from all schools on the Hilltop Campus. You will find the most up-to-date information on Reunion, alumni events around the country, the Alumni Travel Program, and more. You can even make your Annual Fund gift on the secure Web site.

Gianoulakis remembers when alumni activities were strictly local. “When I was an undergraduate, Washington University was still a commuter school,” he says. “About 80 percent of the students lived in St. Louis and commuted to campus. That began to change during my last two years with the opening of residential facilities on the South 40, and today, the reverse is true—nearly 90 percent of undergraduates come from outside Missouri. A strong sense of community is one of the University’s great strengths, and maintaining that connection after graduation is one of the most important roles of the Alumni Board of Governors.”

Gianoulakis points out that strong alumni participation in the Annual Fund is one of the significant factors in Washington University’s growing reputation among the nation’s leading teaching and research institutions and is essential for attracting major support from corporations and foundations. “This year, we are making it a priority to increase alumni giving across the board,” he says. “We held steady last year at 31 percent participation, but we must reach 35 percent by June 30, 2004, and maintain it for a year to meet the \$1 million McDonnell Participation Challenge.”

Gianoulakis doesn’t just talk about giving something back. A former scholarship recipient, he has made an annual gift to Washington University ever since he graduated and today sponsors a student scholarship in Arts & Sciences. “When I entered the University in 1956, tuition was \$650 per year, and I received a one-half scholarship,” he says. “By the time I graduated, tuition was \$900 a year, and my scholarship had increased to 80 percent. Without that support I could not have attended college here or at any other university. Today, scholarship funds are more necessary than ever to allow many students to meet the

Alumni Board of Governors

Executive Committee
2002–2003

The Alumni Board of Governors oversees events executed by Washington University volunteers around the world. The board advises the University about activities and programs for all alumni.

John L. Gianoulakis, A.B. '60, CHAIR

Gordon W. Philpott, M.D. '61, EXECUTIVE VICE CHAIR

Marie Prange Oetting, A.B. '49, IMMEDIATE PAST CHAIR

Neil Jay Aussenburg, A.B. '80, VICE CHAIR, CLUB PROGRAMS

F. Gilbert Bickel, III, B.S.B.A. '66, VICE CHAIR, ANNUAL GIVING

Jerome F. Brasch, B.S.Ch.E. '44, M.S.Ch.E. '47, VICE CHAIR, PLANNED GIVING

Melvin F. Brown, A.B. '57, J.D. '61, VICE CHAIR, REGIONAL PROGRAMS

John Michael Clear, A.B. '71, VICE CHAIR, ALUMNI PROGRAMS

Stephanie E. Habif, A.B. '97, VICE CHAIR, YOUNG ALUMNI

Sally Silvers, A.B. '69, VICE CHAIR, ALUMNI AND PARENTS ADMISSION PROGRAM

Julia Jane Stupp, M.B.A. '83, VICE CHAIR, CAREERS AND TECHNOLOGY

costs of a fine education and benefit from the kinds of opportunities we had.”

A 1963 graduate of Harvard Law School, Gianoulakis is a founding partner in the St. Louis law firm of Kohn, Shands, Elbert, Gianoulakis & Giljum LLP and a fellow of the American College of Trial Lawyers. He has always had a strong commitment to education. He served on the University City School Board from 1970 to 1976, including three years as president, and from 1983 to 1999 he was negotiator and then a lead attorney for the St. Louis County school districts in the interdistrict desegregation case. He has been president and board member of Legal Services of Eastern Missouri and is one of three general counsels for the American Civil Liberties Union of Eastern Missouri.

Gianoulakis has been an active volunteer for Washington University as well. In addition to his work with the Alumni Board of Governors, he just completed a two-year term as Annual Fund chair for Arts & Sciences. He also served on the Campaign, Scholarship, and Capital Resources committees for Arts & Sciences and chaired his 40th Reunion class. In 2000 he received the Arts & Sciences Distinguished Alumni Award.

“There have been a lot of changes at Washington University since I was a political science major,” says Gianoulakis. “I was fortunate to have an exceptional group of professors, including Tom Eliot, who later became chancellor; my adviser, Merle Kling, who became

dean of the college and provost; the late Bill Chambers, who became chair of the history department; and Bob Salisbury, who went on to chair the political science department for many years. All were wonderful teachers who went out of their way to help and guide their students.”

He continues: “Every one of us received support to complete our education, whether we received scholarship aid or not. As alumni, we have an obligation to give time and resources back to the community where we live and to Washington University. I hope every alum will join me in supporting the University and making it a vital part of their lives.”

—Susan Wooleyhan Caine

Sesquicentennial Memories

150.wustl.edu Keep your eye on the Sesquicentennial Web site as plans get under way for the celebration that kicks off September 14–20, 2003. Meanwhile, share your special memories of Washington University with fellow alumni. Send your letters to: Alumni Relations, Washington University, Campus Box 1210, One Brookings Drive, St. Louis, MO 63130, or e-mail: 150thAlumni@wustl.edu.

WELCOMING THE CLASS OF 2006

The Alumni Board of Governors presented two special events in honor of “Freshman Move-in Day” on August 22:

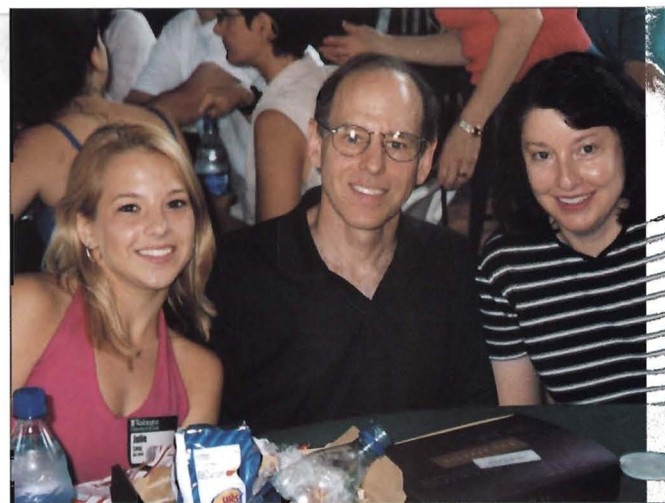


Freshman Welcome Tent: More than 60 alumni turned out to welcome the newest Bears to campus. The record number of volunteers served sno-cones, cookies, and bottled water to freshmen and their families, answered questions, and helped the new students feel right at home. The festivities were held under the “Welcome Tent” on the South 40.



Above: Marianne Wehrle (in purple), A.B. '64, and Dea Hoover-Burniski (in red), B.S.B.A. '92, greeted freshmen and families.

Left: Sno-cones, served up by Sandy Silverstein, B.S. '43, were popular on a hot day.



Legacy Luncheon:

More than 180 alumni parents and their freshman students attended a luncheon in their honor at Holmes Lounge, including (from left) Julie Levy, Class of 2006, with her parents, Robert Levy, A.B. '76, D.M.D. '81, and Marjie Levy, B.S.B.A. '77.

CLASSES MATES

We 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.

ALUMNI CODES

AR Architecture	GL Grad. Law	MT Manual Training
BU Business	GM Grad. Medicine	NU Nursing
DE Dentistry	GN Grad. Nursing	OT Occupa. Therapy
EN Engineering	GR Grad. Arts & Sciences	PT Physical Therapy
FA Art	HA Health Care Admin.	SI Sever Institute
GA Grad. Architecture	HS House Staff	SU Sever Inst. Undergrad.
GB Grad. Business	LA Arts & Sciences	SW Social Work
GD Grad. Dentistry	LW Law	TI Tech. & Info. Mgmt.
GF Grad. Art	MD Medicine	UC University College

30_s

Martyl (Schweig) Langsdorf, LA 38, had her *skyscapes* exhibition, which includes her recent artworks on paper and mylar, featured from Sept. 13 through Oct. 12 at the Printworks Gallery in Chicago.

Marian Milks Cummins, FA 39, has been a member of the Saint Louis Artists' Guild many years, as was her husband, James Cummins, who died in 1996. They met as students in the School of Art in 1935 and were married in 1946 after World War II. James was a freelance illustrator well into his 70s.

40_s

A.E. Hotchner, LA 40, LW 40, recently published *The Day I Fired Alan Ladd and Other World War II Adventures* (University of Missouri Press), a lighthearted memoir describing the encounters he had with many unforgettable characters, including Clark Gable and Alan Ladd, during World War II.

Charles B. Heiser, LA 43, GR 44, recently received the Peter H. Raven Scientific Outreach Award of the American Society of Plant Taxonomists for "outstanding contributions to public education in systematic botany." He also received a presidential citation from the Botanical Society of America for his research, teaching, and service in botany, and a plaque from the Ecuador National Institute for Agricultural Investigations for his improvement of the naranjilla, a tropical fruit. His most recent book,

Please send news (see form) to:

ClassMates
Washington University
in St. Louis
Campus Box 1086
7509 Forsyth Blvd.
St. Louis, MO 63105-2103

Fax 314-935-8533

E-mail classmates@aismail.wustl.edu

Entries will appear, as space permits, in the earliest possible issue, based on the order received.

Weeds in My Garden (Timber Press), will appear in March 2003.

Dolores (Shoulders) Moore, PT 48, enjoyed visiting Bavaria in May and Ireland in September and is trying to keep up with her 3-year-old grandchild.

William H. Webster, LW 49, former federal trial and appellate court judge and former director of the FBI and CIA, received the 2002 Medal from the American Bar Association (ABA), which is the ABA's highest honor. Webster, an emeritus trustee of the University, was given the medal at a ceremony in Washington, D.C., in August.

50_s

Wilfred Konneker, GR 50, has established a scholarship at Ohio University, in the name of his wife, Ann Lee Hancock Konneker. It will offer a college education to students of Olean (N.Y.) High School, from which his wife graduated before attending college. Konneker received bachelor's and master's degrees from Ohio University before he received his doctorate in nuclear physics from Washington University.

Gloria Stumbaugh, UC 50, GR 51, was named the national winner of an award called the Outstanding DAR (Daughters of the American Revolution) Volunteer for Veterans in Extended Areas.

Robert O. Hetlage, LA 52, LW 54, of Blackwell Sanders Peper Martin, recently began a two-year term as vice president of the American Bar Foundation. The foundation is a national provider of empirical research by leading

scholars in various disciplines important to the functioning of law, legal institutions, and the legal profession.

Claudia Chapline, GR 56, had her artwork exhibited most recently in *Wetlands*, at Galerie Petra Lange in Berlin, Germany, from Sept. 4 through Oct. 23. Chapline, who owns an art gallery in Stinson Beach, Calif., was the first full-time dance instructor at the University, teaching from 1953-1956.

Royce W. Adams, LA 57, emeritus professor of English at Santa Barbara Community College, has won two Book-of-the-Year Finalist awards. One was from *ForeWord Magazine*, and the other was an IPPY award for *Revenge on Rairarubia*, the fourth novel in his ongoing fantasy series for young readers. Since retiring, Adams has published *Teacher, Teacher, I Declare!* and *Other Little Tattle Tales*, a collection of short stories about teachers at various stages in their careers, and six novels for young readers. For more information, see www.rajararubia.com.

James E. McDaniel, LA 57, LW 59, of counsel with the St. Louis law firm of Lashly & Baer, recently received the Distinguished Attorney Award from the Bar Association of Metropolitan St. Louis. The award recognizes his longtime commitment to community service in St. Louis and the public-service example he has set for other attorneys.

Wayne F. Schlosser, FA 58, received his second Rotarian of the Year award from the Rotary Club of St. Clair County (West) in Illinois. Schlosser chaired three successful community programs—a children's health fair, child immunization days, and a program to buy bullet-proof vests for the police department of Belleville, Ill.

60_s

Thomas Harmon, LA 61, GR 71, a concert organist, has, after 34 years, retired as head organist at the University of California at Los Angeles. He and his wife, Sue, who remarried in December 2001 after having been divorced for 14 years, planned to move to Medford, Ore., in June 2002. They plan to spend time cooking and gardening.

Lou Chiodini, AR 62, has received major commissions to design parish halls and churches in Washington, Mo., and O'Fallon, Mo.; a Mormon temple in New York; and, in collaboration with Yale architect Barry Svigals, a new student center for a campus in the University of Connecticut system.

William Poinsett, FA 62, is the administrator/CEO of Nuttall

Memorial Hospital in Kingston, Jamaica. In his second year of "living on the beautiful island of Jamaica," his civic involvement includes being a member of the Spanish Town Chamber of Commerce and the Spanish Town Historic Preservation Commission.

Joyce "Coco" (Englert) Beland, FA 64, a trend-setting fashion designer, exchanged a life of Paris fashion shows and buying trips to the Orient for a simple life on an acreage near Bozeman, Mont., when she and her husband, Dale, moved back to Montana in 1994. Respectively, they sold their successful fashion design and engineering businesses in California, and relocated to their Montana roots, where they wanted to rear their family. Two older sons have left for college, and two remain at home, where they enjoy fishing and other Western pastimes. Beland maintains a studio on the property.

Duff Gillespie, LA 64, GR 66, GR 69, will join the David and Lucile Packard Foundation in January 2003 as a visiting scholar. A leader in the fields of international family planning and reproductive rights, he will spend up to 12 months with the foundation, where he will implement a specific work plan that, among other things, supports the Population Program. In addition, Gillespie will study the relationship between family planning and child survival to offer insight into why these fields have slipped as top priorities for global action.

Eleanor (Quinn) Hingtgen, OT 64, received a National Educator's Award from the American Occupational Therapy Association in May 2002. She is enjoying retirement with her husband, Joseph, who is retired from the Indiana University School of Medicine. E-mail: jhingtge@iupui.edu.

Louis "L.D." Brodsky, GR 67, has written five volumes of poems covering the events of the year after Sept. 11, 2001. Each volume is titled *Shadow War*, and he says the 235 poetic narratives in the collection show how he committed himself to chronicling the aftershocks here and abroad as they occurred. The volumes are published by Brodsky's company, Time Being Books.

Walter Nord, GR 67, Distinguished University Professor in the Department of Management at the University of South Florida's College of Business Administration, received the Academy of Management's Distinguished Educator Award. It is one of the highest awards granted by the academy, a professional organization involved with all aspects of management and organizational knowledge.

Lawrence Millman, LA 68, had two books published in fall

2002—a humor book, *Paris Was My Paramour* (Hobblebush Books), and an anthology of essays, *Lost in the Arctic: Explorations on the Edge* (Adrenalin Books).

Michael Hoeye, LA 69, won a contract in summer 2001 from Penguin Putnam Books for Young Readers for the three books in his Hermux Tantamoq Adventure series for children. Featuring a shy, watch-making mouse who sometimes lands in perilous circumstances, the series includes *Time Stops for No Mouse* and *The Sands of Time*, both re-issued by Penguin, and a third book as yet untitled.

70s

Rebecca Wurzbarger, LA 70, SW 72, was elected to the City Council, City of Santa Fe, in March 2002. In May 2002, she was among recipients of the Annual Governor's Awards for Outstanding Women in New Mexico.

Jim Marx, EN 71, and his wife **Cindie**, LA 71, reside in Barbados, West Indies, where Jim was transferred by Earth Tech to oversee the operations phase of the South Shore Water Treatment Facility. Their daughter Cecily is a graduate student at Napier University in Edinburgh, Scotland, and their daughter Bethany is an honors scholar in theater at the University of Evansville (Ind.).

Allen Gill, SW 72, who has a master's degree in public administration from Webster University, has been named city manager of Pittsburg, Kan. He had been city manager of Ferguson, Mo., since 1997 and has more than 20 years of experience in city administration.

Julia Epstein, LA 73, is director of communications at the Disability Rights Education and Defense Fund in Berkeley, Calif., where she resides with her partner and their daughters—Anna, 16, and Maria, 13.

Scott Koepke, GB 73, has been named chief operating officer of ASC, Inc., which serves the automotive industry by providing design, engineering, and manufacture of low-volume vehicles, open-air systems, conversions, and composites. Koepke is responsible for the operations group, as well as ASC's product groups.

Ann Neuer, LA 73, recently co-authored her first book, *How to Grow Your Investigative Site*, a guide for physicians conducting clinical research trials. Ann, who resides in Cincinnati, is president of Medical deDescriptions, a company offering writing solutions to the pharmaceutical industry.

Merrill Brown, LA 74, formerly senior vice president and editor-in-chief at MSNBC.com, is now senior vice president of

RealNetworks, the global leader in Internet media delivery.

Sukehiro Hasegawa, GR 74, who received a doctoral degree in international relations from the University, now is deputy special representative of the secretary general of the United Nations in East Timor. Hasegawa, who also will serve as the United Nations Development Programme (UNDP) resident representative for East Timor, has a long, distinguished career with UNDP.

Constance K. Barsky, GR 75, director of Learning by Redesign at Ohio State University (OSU), was awarded a fellowship for the fall term of 2002 at the Dibner Institute for the History of Science and Technology in Boston. There, she has been working with Nobel laureate Kenneth G. Wilson, professor of physics at OSU, to develop a new classification system for socio-technological systems that may have implications for improving the success of education reforms. Barsky is married to **Steven G. Katz**, LA 70, GR 71, who, like Barsky, graduated from WU's Department of Earth and Planetary Sciences in Arts & Sciences.

Deborah Kantor Price, LA 75, executive director of the Jewish Education Association of Metro West, N.J., received an Honorary Doctor of Pedagogy degree from the Jewish Theological Seminary in November 2001. Deborah serves as the executive director of the Jewish Education Association.

Kate McElligatt, SW 76, has been named the Iowa School Social Worker of the Year for 2002 in light of her tenacious dedication to students, families, and her colleagues. She lives in Cedar Falls with her children—Erin, 19, and Colin, 18.

Robert R. Shaw, DF 76, who has maintained a general dentistry practice on Spokane's South Hill

for the past 20 years and has been an active community volunteer, has been elected president of the Washington State Dental Association, the professional association of dentists affiliated with the American Dental Association.

Arnold Donald, EN 77, GR 91, chairman and chief executive officer of Merisant Company and a University trustee, was featured in the July 22 issue of *Fortune* magazine as one of the 50 most powerful black executives in America.

Mark A. Lipowicz, EN 77, has been promoted to publisher of *AviationNow.com* and director of strategic development and acquisitions for *Aviation Week*, a division of the McGraw-Hill Companies.

Glenn Reside, DE 77, recently retired from the Army Dental Corps after almost 30 years of service. Now he is assistant professor of oral and maxillofacial surgery at the Southern Illinois University School of Dental Medicine and the Saint Louis University Center

for Advanced Dental Education.

Deborah Colletti, SW 78, has moved to The Woodlands, Texas, with her husband and three children, ages 20, 17, and 15. Formerly employed as a hospital social worker at Methodist Sugar Land (Texas) Hospital, she is seeking new employment after relocation.

Lois Hedgpeth, EN 78, has been named president of U.S. operations and executive vice president of business development and marketing for North America for Centrica plc, one of the largest multi-state retailers of deregulated retail energy services in North America and a leading supplier in the United Kingdom of energy and home services.

Paula M. Young, LA 78, LW 82, has become a faculty member of the Appalachian School of Law in Grundy, Va. She teaches alternative dispute-resolution and legal research and writing.

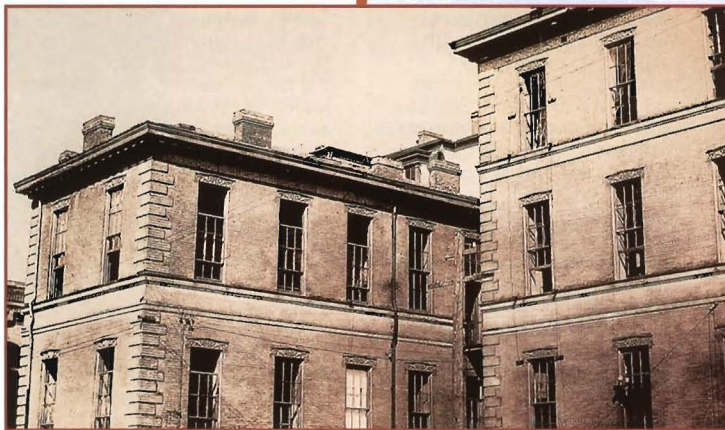
Tom Frohlichstein, AR 79, GA 85, an architect with Shepley Bulfinch Richardson & Abbott, visits

Treasuring the Past

Chemical Properties

Washington University has a longstanding commitment to the study of chemistry. This photo shows the Chemistry Annex (at left) that opened in 1858 on the downtown campus. Moving onto the Hilltop Campus in 1905, the Department of Chemistry settled in Busch Hall. By the mid-1940s, the facilities of Busch Hall were not adequate to support newer research in atomic sciences, and the chemistry department moved to Louderman Hall. (Chancellor Arthur Holly Compton had arrived at the University in 1945 and developed one of the finest chem-

istry departments in the country when he recruited several scientists from the Chemical Division of Los Alamos National Laboratory.) In 1969, the McMillen Laboratory was added, and in fall 2002, the new Arts & Sciences Laboratory Science Building became chemistry's home (see photo on page 22).



Washington University Archives

campus regularly as he oversees construction of the Uncas A. Whitaker Hall for Biomedical Engineering. He; his wife, Rada; and their daughter, Mila, 2, reside in Boston. The family was expecting the birth of a boy in fall 2002.

80s

David Lubarsky, LA 80, MD 84, is now professor and chair of the Department of Anesthesiology, Perioperative Medicine, and Pain Management at the University of Miami/Jackson Memorial Hospital. Previously, he was a tenured professor and vice chair of anesthesiology at Duke University Medical Center.

John Douglas Myers, EN 80, was named vice president and general manager of ASAT GmbH, part of ASAT Holdings Limited and ASAT Inc., providers of Integrated Circuit package design and of outsource assembly and test services for the semiconductor industry. In this newly created position, Myers, who received a B.S. in electrical engineering from WU and an M.B.A. from the University of Dallas, will be responsible for the management and strategic direction of business development and customer service in Europe.

Melissa Wood, FA 80, has been awarded a month-long artist residency and exhibition at the deYoung Art Center and four studio demonstrations at the Legion of Honor, both part of Fine Arts Museums of San Francisco, in 2003. She resides with her husband, geographer Stephen Coffeen, and her studio mascot—Pinkie, the rescue dog—in Davis, Calif.

Tom Cumpston, LA 81, has been named general counsel for the El Dorado Irrigation District, which serves El Dorado County, Calif. Previously, Cumpston was counsel to the El Dorado County Water Agency and had worked nine years in the El Dorado County counsel's office as deputy counsel and then principal assistant counsel.

Alice Ann (Gricoski) Dachowski, MD 81, married physician Edward Dachowski, Jr. on June 22, 2002.

Bruce E. Friedman, LW 81, a principal in the Clayton law firm of Paule, Camazine & Blumenthal, has been selected for inclusion in the 2003-2004 edition of *The Best Lawyers in America*. Friedman practices exclusively in family law, with emphasis in substantial net-worth cases, high-end alimony cases, prenuptial agreements, and surrogacy law.

Keith Motz, EN 81, has joined Murphy Company Mechanical Contractors and Engineers of St. Louis as a project manager.

Diane Papageorge, FA 81, an art educator at Lewis and Clark Elementary School in St. Peters, Mo., for 20 years, teamed with a colleague to organize an exhibition of works by art teachers. The event, titled "Educators in Art—Art in Educators," was designed to help art teachers establish themselves as artists in the community and to offer networking opportunities. Held in July at the Community and Arts Center in St. Peters, more than 50 art teachers from the St. Charles and St. Louis areas contributed 200 works for the show.

Julieta Torres Worstell, LA 81, and **Tim Worstell**, LA 84, announce the birth of their second child, Gabriela Maria, on May 28, 2002. She joins her brother, William Andrew (Andres), 3. Julieta is taking a sabbatical this year from teaching at Lancaster County (Pa.) Day School, and Tim, recalled to active duty with the Navy, is a commander at the Naval Supply Systems Command Headquarters. E-mail: tjworstell@paonline.com.

Bob Haldiman, LA 82, has joined the St. Louis law firm of Husch & Eppenberger as part of its Intellectual Property Practice Group.

Larry A. Levine, LA 82, and his wife announce the birth of twins, Jaclyn and Rachel, on May 3, 2002. They join older sister, Melissa, 10. Larry and his wife have a general dental practice in Boca Raton, Fla. E-mail: LLevine111@aol.com.

Juergen Phoehn, GR 82, received a doctoral degree and the "venia legendi" (a German university teaching license) for political science through Martin Luther University in Halle, Germany.

Sharon R. (Frank) DeLyser, SW 83, and her husband quit their jobs last spring and moved to Colorado, where he is pursuing doctoral studies in music at the University of Northern Colorado. Sharon is considering returning to school for a B.S. degree in nursing.

Eveann D. Holroyd, LA 83, after finishing her degree at Washington University with a major in art history and a minor in journalism, married and moved to Oxford, England, where she worked as a training materials editor for an Oxford college. Later, she moved to South Africa, where she taught English to Zulu children in private and government schools for four years. In 2002, she completed a B.S. in computer science and made a career change. Now, she is an information technology development team leader for a corrosion engineering firm in Aberdeen and is "happily living in an old cottage on a pig farm in rural Scotland."

Paul Obrock, DE 83, was awarded fellowship in the Acad-

emy of General Dentistry, based on completing 500 hours of continuing education and passing a comprehensive written exam covering all aspects of dental medicine.

Gabriel C. Spalding, LA 83, associate professor of physics at Illinois Wesleyan University, is spending his sabbatical year working with the Optical Trapping Group at the University of St. Andrews in Scotland.

Michael Earnshaw, HA 84, employed by HealthNet Federal Services, resides in Vacaville, Calif.

Theodore Manikas, SI 84, received a Ph.D. in electrical engineering from the University of Pittsburgh and now is a faculty member of the University of Tulsa. E-mail: tmanikas@ohm.ee.utulsa.edu.

Tina Preston, OT 84, a pediatrics therapist, resides in St. Louis with David, her husband of 15 years, and their children—Jonathan, 12; Micaela, 10; and Luke, 8.

Joshua L. Schonfeld, LA 84, is assistant general counsel at Freddie Mac in McLean, Va. He, his wife, and their sons—David, Brian, and Aaron—reside in Potomac, Md.

Claire Mazow Gelfman, LA 85, and her husband, **Gary Gelfman**, LA 84, announce the birth of their first son, Frank Evan, on April 17, 2002. The couple also has a daughter, Tamara, 3. The family resides in The Woodlands, Texas, where Claire is a scientist with Lexicon Genetics and Gary is the managing partner of Gelfman and Associates. E-mail: cgelfman@lexgen.com.

Caroline (Mansfield)

Maynon, GR 85, has moved to Ra'anana, Israel, where she resides with her two children—Shiri, 13, and Nathaniel, 11. She enjoys teaching English as a Second Language (ESL) to high-school students, and she's writing ESL textbooks for release in Spain.

Robert Lee Meyer, EN 85, EN 85, married Cheryl Green, of Seattle, in August 1992. He and his wife have four children—Adam, James, Deborah, and Mary—and the family resides in Everett, Wash. Robert works for Korry Electronics as a software developer, using his degrees in computer science and electrical engineering.

Laura Roach, PT 85, who resides with her husband, Brian, and their two daughters in Johnston City, Ill., has enjoyed having a private practice in physical therapy for the past six years.

Robyn (Meredith) Garcia, LA 86, and **Bernardino "Ben" Garcia**, LA 86, both family physicians, have formed a private practice together. They reside in Willow Springs, Ill., with their children—Ben, 10; Max, 6; and Emma, 3.

David Brunzman, EN 87, and **Lori Brunzman**, LA 87, announce the birth of Eleanor Clara on Feb. 5, 2002. She joins Karen, 15; Kristine, 12; Kelly, 6; Luke, 4; and Zane, 2. The family resides in Occoquan, Va. E-mail: brunzman@erols.com.

Anthony "Tony" Greene, LA 87, and his wife, Janet, have moved to Wisconsin, where Tony is assistant professor at the University of Wisconsin at Madison, teaching and researching the cognitive neuroscience of memory. E-mail: ag@uwm.edu.

Karen Kirby, BU 87, and her husband, John Nolan, announce the birth of their second son, Alec Russell, on Jan. 28, 2002. Kirby received an M.B.A. from Kellogg Graduate School at Northwestern University in June 2002. She is working part time as a project manager at W.W. Grainger, Inc. The family resides in Fort Wayne, Ind. E-mail: kirbykaren@aol.com.

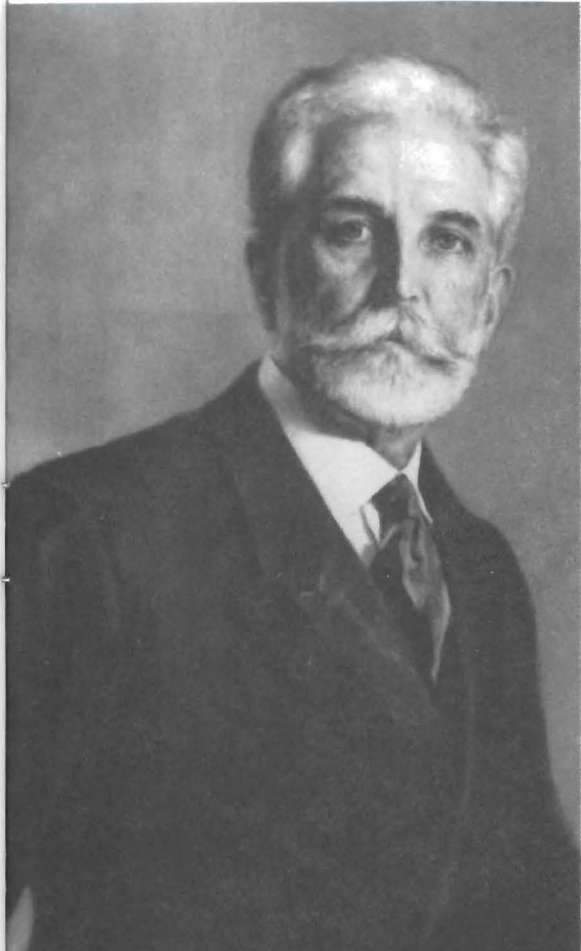
Diane Sauer, UC 87, is having much success with her "Trellis Art," which she designs on a computer and has laser-cut from stainless steel or powder-coated carbon steel. Her creations, including innovative trellises, floral edgings, and fencing, have either a somewhat Art Nouveau style or a geometric Arts-and-Crafts look. They are sold in several garden shops in the St. Louis area. Sauer, who also does much custom work, resides in Kirkwood, Mo., with her husband, Warren, and their twins, 15.

Thomas Chesney, IA 88, moved with his family—wife, Noelle, and son, Drew, 2—in August 2002 to Williamsport, Pa., where he is assistant dean of Arts and Sciences at Penn College. He and his wife would love to hear from alumni, especially those living in the mid-Atlantic states. They plan to attend Reunion 2003. E-mail: tschesney@pct.edu.

Larry E. Fields, HS 88, GB 97, has become senior executive advisor to Eve Slater, assistant secretary of health in the U.S. Department of Health and Human Services. To accept the position, he resigned from his post as president and chief executive of St. Louis ConnectCare Community Health Centers.

Jim Hammerschmidt, BU 88, has become a partner in the law firm Paley, Rothman in Bethesda, Md., while his wife, **Jill Sacks Hammerschmidt**, BU 90, recently joined Titan Technology Partners as director of sales. They and their daughter, Sophia, 3, reside in Rockville, Md. E-mail: jillhammer@comcast.net.

Janet K. Love, GB 88, retired from SBC in November 2000. E-mail: jlovejam@aol.com.



**Seeking
Fixed Income?**

See page 9

Robert S. Brookings

Guaranteed Income for Life

*The Washington
University
Charitable
Gift Annuity,
see page 9*



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

Richard Kent Kurfman, PT 89, and his wife, **Cheryl Kurfman**, PT 89, have two children, Emily, 7, and Luke, 3. Kent has a private practice in Bradenton, Fla., and Cheryl works at an inpatient rehabilitation facility in Sarasota, the city in which the family resides.

Laura Matyear Florence, LA 89, and her husband, Andy, announce the birth of Connor Michael Florence on Oct. 28, 2001. The family, which also includes daughter, Brynne, 2, has moved to Tokyo and would be interested to hear from any Alpha Phi members there. E-mail: lauraflorence@earthlink.net.

90

Doug Isenberg, IA 90, had his first book, *The GigaLaw Guide to*

Internet Law, published by Random House in October 2002. Detailed information is available online at <http://www.GigaLaw.com/guide>. Isenberg and his wife, Leslie, and son, Ari, 1, reside in Atlanta. E-mail: doug@isenberg.net.

Sharon (Woodard) Malick, IA 90, PT 92, and her husband, Kevin, announce the birth of their first child, Katelyn Marie, on July 1, 2002. The family resides in Omaha, Neb., where Sharon, who became a board-certified specialist in neurology in June 2002, is the lead physical therapist at Alegent Health—Immanuel Rehabilitation Center. In her free time, she still enjoys playing volleyball.

Ryan Miller, AR 90, has moved to West Palm Beach, Fla., with his wife, Krista, and daughter, Sydney, 8. He is designing upscale country clubs, fitness centers,

and marinas. E-mail: RyanMiller@wvcommunities.com.

Sharon Lowenstein Murdoch, IA 90, and her husband, Jeff Murdoch, announce the birth of twins, Marcus Jeffrey and Jonathan Ryan, on June 27, 2002. The family resides in Stewartsville, N.J.

Duncan Walker, GM 90, who earned a doctoral degree in biochemistry and molecular biology from the University, now is vice president of discovery biology, a new position, at Sunesis Pharmaceuticals in San Francisco, Calif.

Brian Youngberg, GB 90, was ranked No. 1 for his stock-picking skills in the utilities industry in *The Wall Street Journal's* "Best on the Street" Annual Analyst Survey. Youngberg, a research analyst with Edward Jones, has covered companies in the electric and gas sector for several years.

Julie Barkenbush, HA 91, is assistant administrator and chief nurse executive at Barnes-Jewish West County Hospital in Creve Coeur, Mo.

Jenny Beth Davidson, FA 91, and William "Bill" Btammer were married on Aug. 24, 2002, in a double wedding with Jenny's sister and her fiancé. Davidson earned a master's degree in studio art from New York University and continues to teach high-school art in Seattle. She and her husband, a tile installer, who is a graduate of Southern Oregon State College, returned to Washington University for her 10-year reunion. E-mail: Davidsoj@bsd405.com.

Charles D. Harris, LA 91, who has moved to Carbondale, Ill., is working on a master's degree in geography from Southern Illinois University at Carbondale.

WASHINGTON PROFILE

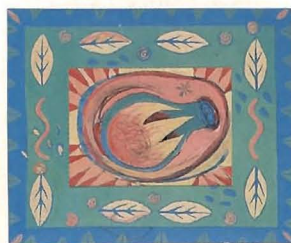
Laura Seftel, B.F.A. '83

Artist Reveals "The Secret Club"

Laura Seftel was pregnant in 1993 and excited about joining the sorority of motherhood. But instead she miscarried and unwillingly joined another community, one she calls "The Secret Club" of women who have lost a pregnancy (900,000 pregnancies end in loss each year in the United States). These women are linked by the emotional aftermath of "an indelible loss, like ink on a white blouse, something ruined."

"Miscarriage leaves no body for the couple to grieve," she says, "so it is also an invisible loss."

Seftel, now 41 and the mother of two sons, turned to painting to express her sadness. And she conceived *The Secret Club Project*, an exhibition



Laura Seftel, *Womb*, 17" x 20," acrylic on board

of works by women artists who had lost a pregnancy.

"I realized, I cannot be the only artist who must be finding this imagery in her art work," she says. She received a small grant from the Northampton (Massachusetts) Arts Council and soon found nine other artists exploring the theme.

The project culminated two years ago in an exhibit in Northampton, then evolved into an international effort that includes more than 30 artists. The response from audiences, as well as artists, has been moving. One woman wrote a long letter to Seftel discussing her own miscarriage, in 1956, and said she still wonders about the gender of the baby.

The combination of art and emotion was a natural for Seftel, who majored in painting.

"I always had an interest in psychology and literature, as well as painting," she says. "One of the reasons I chose Washington University was that it had a professional art school integrated within a top-notch university. I really wanted both those things. It provided this broad base to

work from, this rich access to literature and learning and how to write and think critically."

After completing her undergraduate studies, she earned a master's degree in art therapy from the Pratt Institute and became a certified art therapist. In practice for 16 years, she works mainly with adults, both individually and in groups, in Northampton. She also leads training and supervision groups focusing on art and healing.

"You don't have to be talented to do art therapy—in fact, it often gets in the way," she says of her clients. "In art therapy the emphasis is on the process, not the product. We might end up with a black, scribbled-on piece of paper and have had a great therapy session."

But the artist in her wanted more. *The Secret Club Project* provided a vehicle for her not only as an artist, but also as a curator. Her goal is to use the project to heighten sensitivity to the issue, especially among medical professionals, and ultimately lessen women's feelings of stigma and isolation associated with miscarriage.



"I think women have been encouraged to be silent about pregnancy loss," says Seftel, whose mother, mother-in-law, and sister-in-law didn't tell her about their own miscarriages until she herself miscarried. "Why hadn't I heard these stories before?"

Besides the exhibit, which circulates as a narrated slide presentation, the project has grown to include a Web site and a slide archive. The Fund for Women Artists recently agreed to be the project's sponsor, making it eligible for tax-deductible donations.

"I feel as if this is a project I could work on the rest of my life," says Seftel. "It's a slow, steady commitment. It's just one of several projects I do."

"And, I'm a mother."

—Susan Caba

Visit: www.secretclubproject.org

Previously, he received a master's degree in American studies from Saint Louis University.

Julie (Neidhardt) Howie, LA 91, and her husband, Scott, announce the birth of their first child, Michael Langford, on July 1, 2002. Julie has since returned to work as an attorney with Stamos and Trucco in Chicago. E-mail: jnhowie@msn.com.

Gail (Demsky) Levi, LA 91, and her husband, Daniel, announce the birth of Rachel Lillian Levi, on June 24, 2002. Rachel joins older brother, Ryan. The family resides in Naples, Fla.

Sophia L. Pierroutsakos, LA 91, and her husband, **Garth K. Silvey**, LA 89, announce the birth of Olivia Pierroutsakos Silvey on Aug. 17, 2002. The family resides in Greenville, S.C., where Pierroutsakos is an assistant professor of psychology at Furman University and Silvey is a vice president and trust officer at Carolina First Bank. E-mail: spierrou@bellsouth.net.

Julie Dana, LA 92, who has taken a position with the World Bank, is working on a project that helps agricultural producers in developing countries hedge their commodity-price risk. For the project, she worked a month in Tanzania and Uganda.

Melinda J. (Nelson) Herring, FA 92, was married May 4, 2002, in North Little Rock, Ark. Her husband, a brass instrument technician at a repair shop called Independent Music Service, plays alto horn in a local brass band. Herring says the stepdaughter she gained through the marriage is "lovely, talented, and outrageous." Herring works as a graphic designer, designs catalogues, and, in her free time, enjoys quilting.

Dea Hoover-Burniski, BU 92, opened Directions Saint Louis with partner, Tod DeHart. The company specializes in fully escorted motor-coach tours and cruises originating in St. Louis and traveling to all regions of the United States. Additionally, the company plans specialized group events for corporations and organizations. Web site: www.directionsllc.com.

Patrick Hopkins, GR 92, GR 96, assistant professor of philosophy at Millsaps College in Jackson, Miss., teaches courses in biomedical ethics, computer ethics, death and dying, and gender and technology. He also serves on the University of Mississippi's Medical Center Institutional Review Board. The board regulates research involving human subjects to ensure that it is humane, necessary, and in compliance with all federal and institutional regulations.

Deborah Weitz Jaffe, LA 92, has moved to Coral Springs, Fla., where she and her husband, Ira,

and their children—Harris and Mandi, both 1—reside. E-mail: idjaffe@bellsouth.net.

Grant Kang, LW 92, has joined the Husch & Eppenberger law firm in St. Louis as head of its Intellectual Property Practice Group. Kang also teaches Patent Drafting as an adjunct professor at the University's School of Law.

Martin R. Katz, SW 92, has moved to Sarasota, Fla., where he is vice president of programs at Jewish Family and Children's Service of Sarasota—Manatee.

Molly Meng, BU 92, and Keith Veneziano were married on Sept. 22, 2001, in Green Bay, Wis. Several University alumni attended the ceremony. The couple resides in Chicago, where Molly is a partner at Adams Street Partners, a private equity firm, and Keith is a sales representative for Fujisawa Healthcare.

Francine Millman, LA 92, and **Jonathan David Stern**, LA 91, were married in New York City on April 27, 2002. Jonathan works for an e-mail software company, and Francine, who earned a master's degree in museum studies from George Washington University, is a project manager in the education department at the American Museum of Natural History. They reside in Brooklyn, N.Y.

J. Kirk Ogrosky, LA 92, and his wife, Kori Lyttle, announce the birth of Beck Alexander on July 6, 2002. The family resides in Miami, where Kirk is an assistant U.S. attorney in the Major Crimes Division and Kori is an associate in the mergers and acquisitions department of White and Case. E-mail: kogrosky@hotmail.com.

Nick Santora, LA 92, has moved to Los Angeles, where he writes full time for the CBS drama, *The Guardian*. In Episode 5, which he wrote, he appeared as "john" in a massage parlor. Also, Santora wrote *Watching Too Much Television*, an episode aired in the fall on *The Sopranos* television series. E-mail: nsantora@directv-internet.com.

Pamela G. Sikes, UC 92, received the St. Louis Technology Award in April 2002 for an Internet application titled Diabetes Manage-Net, which gives people with diabetes access to tools to care for their diabetes at home.

Carl S. White, LA 92, received an M.B.A. through the business school at the University of Michigan and has moved to Chicago, where he is working in Baxter International's marketing development rotational program. E-mail: csw@clarkplace.net.

Damien Wilkins, GR 92, a New Zealand author, has had his sixth book published. Titled

Chemistry (Allen & Unwin) and set in Timaru, New Zealand, the novel, which juxtaposes tragedies of "junkies" and "suits" and shows their worlds colliding in a pharmacy, is his most successful.

Jennifer Regan Boerner, LA 93, GB 95, and her husband **Chris**, LA 93, announce the birth of their son, Jackson. Jennifer is a director of sales and marketing for Charles Schwab, and Chris recently left McKinsey & Co. to join Genentech's market planning group.

Russ Chrusciel, BU 93, and his wife, Karna, announce the birth of Annika Rose on May 11, 2002. Annika joins sister, Emma, born Oct. 2, 1999, at home. The family resides in Geneva, Ill. Russ earned an M.B.A. from the University of Illinois in Chicago in 1999 and now is marketing manager for Sun-Gard Trading System in Chicago. E-mail: russ@chrusciel.com.

Jonathan Davis, LA 93, GR 94, and his wife, Molly Beck Davis, celebrated their first wedding anniversary. He continues to teach high-school history and to coach soccer in St. Louis. He hopes to see former classmates at Reunion in May. E-mail: jdavis@alum.wustl.edu.

Mark Forsyth, LA 93, joined McDonnell Haynes Advertising as an interactive art director. He and his wife, Jennifer, and 3-year-old son, Nolan, reside in Toronto, Ontario.

Ronald J. Okenfuss, LA 93, is a management consultant for the international consumer health-care division of GlaxoSmithKline; and his wife, **Jenneke Oosterhoff**, GR 98, leads the Dutch language program at the University of Minnesota.

Valori (Lunsford) Strasna, LA 93, along with her husband and 1-year-old son, has relocated from Illinois to Fort Wayne, Ind., due to her husband's job transfer.

Cathy (Beck) Wilson, PT 93, resides with her husband, Ken, a veterinarian; and their daughter, Sara, 2, in Rushville, Ill., where Cathy is director of therapy services at Culbertson Memorial Hospital.

Madeline Long Bennington, LW 94, and her husband, Jeff, announce the birth of twins, Spencer Christian and Caroline Margaret, on June 6, 2002. The family resides in Arkadelphia, Ark., Madeline's hometown, where she practices law with McMillian, Turner, McCorkle, and Curry. E-mail: Madeline@mtmc-law.com.

Sara Layne Guryan, FA 94, a producer of advertising photography, and Jonathan David Galkin, a record-company executive, were married on July 27, 2002, in Pawlet, Vt.

Kazuhiro "Hiro" Hasegawa, GB 94, and his wife announce the birth of their son, Takashi, who

joins sister, Mayu, 7, and brother, Shun, 4. Hasegawa is deputy manager of corporate communications for Tokyo Electric Power Company in Japan. E-mail: hiro.hasegawa@tepcoco.jp.

Tami Kachel, LA 94, and **Andrew "Drew" McNeela**, LA 95, were married on March 16, 2002, in New York. The bridal party and attendees included many University alumni and friends from Sigma Alpha Epsilon fraternity.

Melven "Mel" J. Marten, BU 94, senior research analyst at Edward Jones, was ranked No. 3 in picking telecommunications stocks in *The Wall Street Journal's* "Best on the Street" Annual Analyst Survey. Marten oversees telecommunications research and has specific coverage of the local and long-distance carriers in the United States.

Quan Nghiem, BU 94, and **Max Crosby**, LA 94, were married on March 23, 2002, and the couple is expecting a girl in January. They reside in Boston, where Quan is a personal injury attorney and Max is a nurse at Beth Israel Deaconess Medical Center. E-mail: maxandquan@yahoo.com.

Victoria Osborne, LA 94, SW 98, now is a research associate in the St. Louis office of EMT Associates, a public policy evaluation and research company. Her supervisor is **Elizabeth Sale**, LA 81. Osborne remains involved in research projects at the George Warren Brown School of Social Work and the School of Medicine.

Erika (Grote) Schaefer, LA 94, and her husband, John, announce the birth of their first child, John Alan III, on May 25, 2002. The couple, married in St. Louis on May 16, 1998, resides in St. Paul, Minn. E-mail: eschaefer@bkbm.com.

Andrea Smith, PT 94, is working at an orthopaedic hospital in Ft. Wayne, Ind. She and her sons, ages 3 and 2, reside in Grabbill, Ind.

Alexander Asser, LA 95, and **Elizabeth Valois**, LA 95, were married on June 1, 2002. She is a pediatrician in private practice in Rockville, Md., and he is in his first year of residency at George Washington University Hospital. E-mail: aasser@gwu.edu.

Susannah Conley, LA 95, and Kirk Sayre were married on Aug. 10, 2002, in Knoxville, Tenn. Susannah is corporate sales manager for the Knoxville Zoo. E-mail: jetjettison@yahoo.com.

Patrick Green, LA 95, after seven years with the Service Employees International Union, has been named campaign director of the Oregon AFL-CIO. As such, he directs political programs and campaigns of the organization,

which represents nearly 200,000 union members.

Jeffrey Starkopf Leary, LA 95, and Jake Fisher celebrated their commitment ceremony on Sept. 13, 2002. The couple resides in Elgin, Ill.

Jonathan Margolis, LA 95, and Francine Merle Ross were married August 3, 2002, in Washington, D.C. Margolis, who received a law degree from Georgetown University, is an associate at Weil, Gotshal & Manges law firm in Manhattan. His wife, a computer resource teacher at the Allen-Stevenson School, graduated from Hofstra University, received a master's degree from George Mason University, and is a Ph.D. candidate in instructional technology and media at Columbia University.

Debbie Kay Pritchard, LA 95, and Steve Kiag were married on March 9, 2002, in St. Petersburg,

Fla., where they reside and work as physical therapists.

Samantha Rothman, LA 95, and **David Potack**, LA 95, were married Aug. 10, 2002. The wedding party included several alumni. The couple resides in New York City.

Art Russell, GB 95, a research analyst who is a principal with Edward Jones, was ranked No. 4 for stock-picking in the computer industry in *The Wall Street Journal's* "Best on the Street" Annual Analyst Survey. He follows 14 companies in the computer hardware and software industries.

Mandeep Sekhon, LA 95, mapping assistant group leader for the Washington University Genome Sequencing Center, was featured in the *St. Louis Business Journal's* "30 Under 30" section on 30 people in the St. Louis area

under the age of 30 who have shown early signs of success in their respective fields. She was selected to represent the mapping group at the White House press conference announcing that a rough draft of the human genome had been completed.

Mala Ahuja, LA 96, and William "Bill" Richard Harker were married on Feb. 17, 2002, in Vienna, Va. The couple resides in New York City, where Ahuja is a litigation attorney at Paul, Weiss, Rifkind, Wharton & Garrison and Harker is an attorney specializing in mergers and acquisitions at Wachtell, Lipton, Rosen & Katz.

Melissa Curtis, PT 96, who works and resides in Saginaw, Mich., has a 7-month-old son.

Scott Metsch, LA 96, and Marnie Pulver were married on Aug. 10, 2002, in Livingston, N.J.

Several University alumni participated in the ceremony. Metsch is an equity trader at G.B. Capital Group, and Pulver is an attorney at Weil, Gotshal & Manges. They reside in New York City. E-mail: scott@scomet.net.

Betty V. Miller, GM 96, and David A. DeBoer were married on July 4, 2002. "In the deal," she says, "he got a delightful 10-year-old stepson, Christopher, and I got wonderful twin 21-year-old stepdaughters, Natalie and Renee." The family resides in Onalaska, Wis. Betty is an assistant professor at the University of Wisconsin at LaCrosse and has taught there for five years. She is on professional development leave this year to work full time as a school psychologist.

Michael Gene Murphy, GB 96, has been promoted to chief operating officer of Mercy Health

WASHINGTON PROFILE

Laurence J. Dorr, A.B. '66

Compiling a Botanical Record

Plenty of undergraduates change majors but few switch with the flair of Laurence J. Dorr. In 1971, Dorr was a freshman studying English literature at Washington University. By his junior year, he took a break, headed home to Boston, worked a bit, boarded a train for Georgia, and hiked the entire Appalachian Trail in five months.

Still not ready to return to school, Dorr took his backpack and a plant press west to British Columbia, convincing a hiking buddy to join him. They hitchhiked through the province up to Prince Rupert and bought ferry tickets to Alaska and the Inside Passage. "As long as you didn't backtrack, you could get on and off as much as you wanted," says Dorr. For the next month, they island-hopped and Dorr collected alpine plants.

Coming home was tricky. In the 1970s, hitchhiking plant collectors returning from Canada could be mistaken for draft dodgers. Dorr was also short of money. He hitchhiked from White Horse, Yukon Territory, to St. Louis, where he re-enrolled in the University to study geology. Graduate

students at the Missouri Botanical Garden helped Dorr identify his plant collection, and soon he was invited to seminars there. "People came from all corners of the world, from places I'd dreamed about visiting, and talked about plants," he says. "I got the bug."

Thirty years later, it's Dorr giving the seminars. Unlike scientists who work in a laboratory, field botanists go where the plants grow, collecting and compiling them into a botanical record called a flora. He has collected and catalogued plants from Africa and South America.

Having received a master's degree in botany from the University of North Carolina, Chapel Hill, and a Ph.D. from the University of Texas, Austin (where he met his wife, Lisa Barnett, who is also a botanist), Dorr worked three years in Madagascar for the Missouri Botanical Garden, returning briefly to Austin so his wife could complete her Ph.D. Then the New York Botanical Garden offered Dorr a job in the Andes; for the next five years, Dorr and Barnett divided time among New York, Venezuela, Ecuador, and Bolivia.

Today, he is associate curator of botany at the Smithsonian Institution, a post he's held for the past 10 years. His major project involves collecting plants distributed over a mountain ridge in the Andes of Venezuela. This area is so rich in diverse plant life Dorr figures he'll need three volumes of 500 species each to complete the flora. Nearly two years are needed to complete the first volume.

"It might be hard to comprehend how poorly known some areas of the world are," says Dorr. Once a census of plants is completed, scientists can look for patterns and begin to understand how the world has changed or might be changing.

He is also researching the evolution of a group of plant families called the *Malvales*. And a few years ago, Dorr published *Plant Collectors in Madagascar and the Comoro Islands*, a "bibliography" of more than 1,000 people who collected



In 2000, Laurence J. Dorr (right) and his oldest son, Matthew, collected plants in the Andes Mountains of Venezuela to make herbarium specimens for the *Flora of Guaramacal* project.

plants in Madagascar. He'd like to expand on that book by writing a history of the collectors. A prodigious collector himself, Dorr has had six plant species named after him.

Although Dorr travels less frequently, his oldest son now joins him in fieldwork. And some old ties remain nearby. "Three of 15 curators in my department hold Ph.D.s from Washington University, and it was very clearly the connection between Washington University and the [Missouri] Botanical Garden that set me down this path," says Dorr. "I don't know what I'd be doing otherwise."

—Jeanne Erdmann

Plans, a Missouri-based managed-care company serving more than 200,000 members in Missouri, Illinois, and South Texas.

Melissa Clark, EN 97, a snow hydrologist for the Natural Resource Conservation Service, recently bought a home by a stream in Portland, Ore. She loves working in the mountains of Oregon and Washington. E-mail: melissa.clark@or.usda.gov.

M. Katherine Crombie, GR 97, co-authored *The History of Arizona's Most Amazing Gold District*, which presents the history of a mining area visited by thousands of tourists and amateur gold prospectors annually. Crombie's Ph.D. from WUSTL was through the Department of Earth and Planetary Sciences in Arts & Sciences.

Matt Evans, EN 97, has joined R.W. Beck Inc., a management consulting and engineering firm, as a civil engineer in the Minneapolis-St. Paul office.

Dante Lauretta, GR 97, co-authored *The History of Arizona's Most Amazing Gold District*, which presents the history of a mining area visited by thousands of tourists and amateur gold prospectors annually. Lauretta's Ph.D. from the University was through the Department of Earth and Planetary Sciences in Arts & Sciences.

Kimberly L. Lutes, LA 97, after a year in London, moved to New York City, where she focuses on media relations aspects of public relations for consumer products. She resides in TriBeCa with her boyfriend.

Jodi Elyse Marcus, LA 97, married Mitchell Bradley Germain on Nov. 17, 2001, in Dix Hills, N.Y.

Many Washington University alumni attended the wedding. The couple resides in New York City.

Kathleen "Katie" Anne McDermott, OT 97, and Scott Campbell were married on July 6, 2002, in St. Louis. They reside in Houston, where she is case manager and rehabilitation coordinator for an inpatient rehabilitation facility. E-mail: ktmcdermott@att.net.

Christina B. Morado, LA 97, a teacher at Intermediate School 90 in New York City, has received a James Madison Fellowship to enable her to pursue a master's degree with a concentration on the history and principles of the U.S. Constitution. She is one of 56 nationwide to receive such a fellowship in 2002.

Christine O'Brien, LA 97, married Christian Brittle on July 6, 2002, in Washington, D.C. The wedding party and guests included many Washington University alumni. Christine is a doctoral student in communications at the University of Michigan, and Christian is an international trade specialist for the U.S. Department of Commerce. The couple resides in Arlington, Va.

La Tanya L. Reese, LA 97, is a second-year doctoral student in American and African-American literature at Howard University in Washington, D.C.

Angel Yuen, SW 97, and Samson Wong, a graduate of the University of Chicago's business school, planned to marry on Oct. 18, 2002. The couple resides in San Francisco.

Scott S. Clinton, FA 98, a freelance photographer, and Kit Mui, a singer/songwriter, of New York,

were married March 9, 2002, in Rockland County, N.Y. Several University alumni attended the ceremony, a party in Manhattan, and a second reception in Omaha. The couple resides in a downtown loft in Manhattan. E-mail: scott@clintonphotography.com.

Ellen (Rugen) Ewing, LA 98, is special events coordinator for the Greater Missouri March of Dimes. She and her husband, Alex, an integration engineer with Boeing, have returned to St. Louis after living in Kansas. E-mail: teamewing@earthlink.net.

John Hart, GB 98, is the founder of That's Me Sports, a company that sells CDs containing simulated sports broadcasts personalized by inserting the buyer's name into the play-by-play action. A buyer has a choice of games from at least 25 colleges.

Gita Jafari, LA 98, graduated from medical school at Ohio State University in June and moved to Phoenix to do a residency in internal medicine.

Erik Melchiorre, GR 98, co-authored *The History of Arizona's Most Amazing Gold District*, which presents the history of a mining area visited by thousands of tourists and amateur gold prospectors annually. Melchiorre, whose WUSTL Ph.D. was through the Department of Earth and Planetary Sciences in Arts & Sciences, recently accepted a job as professor of geology at California State University in San Bernardino.

Syed H. Mashaif Shah, BU 98, established Pinnacle Communications, a major medical transcription and other information technology business in

Pakistan, in 2000. All its clients are well-known medical groups in the United States. Shah, who was married in August 2001, also is involved in agri-based businesses.

James Douglas Baker, EN 99, and **Kristin Marie Hausladen**, LA 00, were married on July 27, 2002. Baker is finishing his fourth year at the University of Louisville Medical School and plans to begin a residency in orthopaedic surgery in 2003. Hausladen earned a master's degree in elementary education with a focus in mathematics from the University of Louisville and plans to begin doctoral studies in 2003.

Glen Bogner, GB 99, has been promoted to vice president, St. Louis region, of Mercy Health Plans, a Missouri-based managed-care company serving more than 200,000 members in Missouri, Illinois, and South Texas.

Katherine Breslow, LA 99, a doctoral student in clinical psychology at Widener University, has been doing some focused clinical practice and research on music and psychoanalytically oriented psychotherapy. She resides in the Philadelphia area, where she is active in the Jewish community and continues to study voice.

Julie C. (Symonds) Currin, LA 99, and her husband, **Walter Currin**, AR 99, recently celebrated their first wedding anniversary. He is in his second year of study for a graduate degree in architecture from the Rhode Island School of Design, and she is in her fourth year of medical school at Brown University.

Dennis Fish, LA 99, received a law degree from the University at Buffalo (N.Y.) in May 2002. He resides in Washington, D.C. E-mail: luckydlf@yahoo.com.

Michael J. Goellner, LA 99, has been appointed project administrator at The DESCO Group, a St. Louis-based firm providing comprehensive real estate services to corporate clients, institutions, private investors, and emerging growth companies.

Pamela Kesner, LA 99, who graduated from Georgetown University Law Center with honors in May 2002, has remained in Washington, D.C., to clerk for Judge John Steadman, on the District of Columbia Court of Appeals.

Catriona McLean, EN 99, and Robert Preston were married on June 8, 2002, in Austin, Texas, where they reside. The wedding party and guests included many alumni.

Gregory J. Pals, LW 99, has joined the law firm of Sutkowski & Rhoads in Peoria, Ill., concentrating his practice in commercial litigation, as well as in ERISA and tax matters. Previously, he served a

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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):

two-year clerkship with Judge Robert W. Cook, Illinois Court of Appeals.

Cheryl (Auster) Smagacz, BU 99, and her husband, **Matthew Smagacz**, BU 00, announce the birth of Zachary Jacob on June 18, 2002. Also in June, Matthew passed the Level 1 CFA (Certified Financial Analyst) exam and accepted a position with Riverfront Funds in Cincinnati. E-mail: msmagacz@fuse.net.

Brook Sullivan, PT 99, announces the birth of William Edward on Sept. 5, 2002.

Lori Allison Thomas, LA 99, and **Peter "Pete" Khazen**, EN 99, were married Aug. 9, 2002, in the Catholic Student Center at Washington University. Attendees included 44 University alumni, including 18 Phi Delta Theta sorority members and 11 former

women's soccer teammates. The couple recently purchased a house in Maryland Heights, Mo. Lori, who received a master's degree in kinesiology and recreation from Illinois State University in May 2002, is an athletic trainer and strength-and-conditioning instructor at the Metro-East Center for Conditioning and Health in Belleville, Ill., and she is an assistant coach for the University's women's soccer team. Pete is an informational technology team leader at the downtown St. Louis office of SBC Communications.

Shin Yukawa, LA 99, and **Trisha (Kelly) Yukawa**, LA 98, LW 01, recently celebrated two years of marriage. Both work in New York City, where Shin rates bonds at Fitch Ratings and Trisha is an attorney practicing immigration law at Fragomen, Del Rey, Bernsen

& Loewy. The couple resides in Union County, N.J. E-mail: syukawa@yahoo.com; tkukawa@yahoo.com.

00s

Michael Bergman, BU 00, has invented a game designed to help high-school students prepare for the Scholastic Assessment Test (SAT). The game, called Numbskull, was produced with the support of Late for the Sky Production Company. Bergman is a law student at Emory University in Atlanta.

Michael Moehn, GB 00, has been promoted to vice president of business services for AmerenEnergy Resources, a nonregulated subsidiary of Ameren Corporation, which is

based in St. Louis. He and his wife, Lisa, reside in Alton, Ill.

Hugo Perales, SW 00, began doctoral studies at the Jane Adams College of Social Work at the University of Illinois at Chicago in August. A licensed social worker in Illinois, he is the primary-care social worker at Howard Brown Health Center.

Hara Leslye Reiner, EN 00, and **Marc Dembowski** were married on June 23, 2002, in Nashville. The wedding party and guests included many University alumni. The couple resides in Scottsdale, Ariz.

Jennifer Gard, LA 01, is working full time at a law firm in San Francisco and volunteering at Planned Parenthood in the public affairs department.

Michael Ko, LA 01, recently was promoted in the orthopaedic

WASHINGTON PROFILE Peter Gaido, J.D. '89

Talking the (Baby) Talk

Parents everywhere have pondered the meaning of their babies' "goo goos" and "gaa gaas." Imagine how much easier a meal would be if only we understood their sweet, drooly drivel.

"Aaout? Inks upee but."

Say what?

Finally there's help. *Goo Goo Gaa Gaa: The Babytalk Dictionary and Phrasebook* (West St. James Press, 2002), written by Peter Gaido, J.D. '89, and Marc Jaffe, a writer whose credits include *Seinfeld*, offers a clear—and very funny—translation of "baby speak."



Blackprints Design Group

Take the mealtime gibberish. To the unschooled adult "Aaout? Inks upee but" sounds like—well, "Aaout? Inks upee but."

But, what's baby really saying? "Could you get that for me? I'm strapped in my high chair pretty tight."

Life for families everywhere just got a whole lot easier.

The book is the brainchild of Gaido, who has his own law firm, Gaido and Fintzen, in Chicago. He and his wife, Maria, have a son, Antonio, 4, a daughter, Dominique, 2, and another baby on the way.

During his hour-long train rides from his home in St. Charles, Illinois, to his law office, Gaido stumbled on the idea of a babytalk dictionary after jotting down some of the sounds and movements his then-infant son had made the day before.

"It started out very simple, with me just taking notes on what our family had done. It gave me something to do on the train," he says.

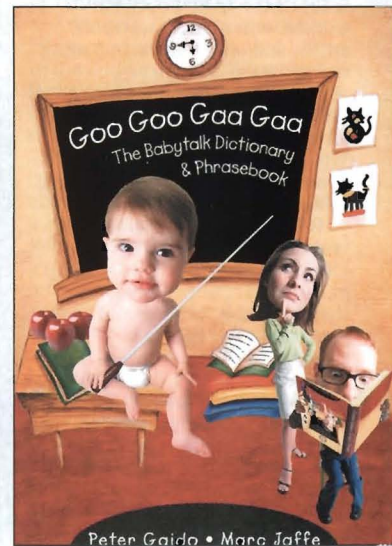
Eventually, Gaido's doodles began to look like a dictionary. He then leveraged some of his

professional connections to meet with a Chicago-area literary agent. (Ever the attorney, he made her sign a nondisclosure agreement before seeing his book's first draft.) The agent loved the idea and shopped it around to publishers who were equally receptive, but they wondered: "Who in the world is Peter Gaido?"

That's when Gaido's agent suggested he partner a second draft with Marc Jaffe, a Cleveland-based comedy writer. Via e-mail, the two turned Gaido's alphabetical dictionary into more of a *Berlitz* phrasebook, offering not only translations but a peek into the "culture" of babyhood.

"Working together was lots of fun, very hilarious. Jaffe has three daughters, so he knows how to talk to babies," says Gaido.

Jaffe's name did help the book land a publisher, says Gaido. Jaffe wrote one of *Seinfeld*'s top 10 most-popular episodes. (Note to die-hard *Seinfeld* fans: It's the show in which Kramer photographs Elaine's Christmas card.)



The final version is a handy pocket-sized book full of wit and wisdom on the language of babies. Sections include a look at diapering, toys, eating out, and—every new parent's hardest chore—getting babies to bed.

"The chapters coincide with a baby's world, from the time they get up to the time they go to bed.

"Well, hopefully, they go to bed," Gaido says.

—Nancy Mays

For more information, check out: www.babytalkdictionary.com.

surgery research department at the School of Medicine. He also has had short fiction published in *What's Up* magazine, under the pseudonym Karl Fucci, and has just completed writing his first novel.

Don Lange, GB 01, has been appointed to the board of directors for the Nooter Corporation. He was in Executive MBA Class 17 at the Olin School of Business.

Matthew T. Lederman, GB 01, and Alexandra Pelican were married on June 29, 2002, in St. Louis. They reside in New York City, where Matthew works for Banc of America Securities in the credit derivatives group.

Danica L. (Rodemich) Mathes, LW 01, has been selected as one of the *St. Louis Business Journal's* "30 Under 30 Class of 2002," which recognizes 30 professionals in the St. Louis metropolitan area who already are on their way to being the next business generation of movers and shakers. Mathes, as an entertainment and intellectual property attorney with Blumenfeld, Kaplan & Sandweiss in St. Louis, has worked with many innovators, artists, and entertainers, including rap sensation Nelly.

Melissa Tickner, IA 01, and Paul Reske were married on June 29, 2002, in Milwaukee, Wis. The wedding party included **Tracy Kodner**, FA 01. The couple resides in Wauwatosa, Wis.

Will Terry, LA 02, is a first-year doctoral student at the California Institute of Technology in Pasadena, Calif., where he is studying public finance and mathematical voting theory. E-mail: will@hss.caltech.edu.

Jeremy Caddel, LW 02, has been named an associate of the Husch & Eppenberger law firm in St. Louis. In addition to his law studies at the University, he also graduated magna cum laude from Baylor University in 1998 and has studied or traveled in Thailand, the Netherlands, and Japan.

Jeremy D. Caddel, LW 02, has joined Husch & Eppenberger in St. Louis as an associate in the firm's Litigation Practice Group.

Anna Dmuchovsky, GB 02, has been promoted to vice president, health resources, of Mercy Health Plans, a Missouri-based managed-care company serving more than 200,000 members in Missouri, Illinois, and South Texas.

Jason Flower, LW 02, has joined Husch & Eppenberger in St. Louis as an associate in the firm's Litigation Practice Group.

Michael P. Nolan, LW 02, has joined Husch & Eppenberger in St. Louis as an associate in the firm's Litigation Practice Group.

In Memoriam

1920s

Harriet (Chittenden) Berman, LA 25; 4/02
Emilyn (Arbogast) Giessow, LA 27; 7/02
Sarah (Morgan) Barnes, OT 28; 5/02
Charles A. Schraudenbach, EN 28; 8/02
Ralph H. Straub, BU 28; 7/02
Ruth Caplan (Horwitz) Eiseman, LA 29, SW 41; 5/02

1930s

August H. Homeyer, EN 30; 8/02
Seymour J. Kranson, LA 30, MD 34; 6/02
M. Marie (Berger) Wheeler, LA 30; 11/01
Stella M. (Koetter) Darrow, LA 31; 9/02
Arthur L. Dougan, LA 31; 1/02
Samuel W. Duncan, EN 31; 8/02
Lillie Irene (Hagemeyer) Lintzenich, SW 31; 7/02
Herbert L. Eastlick, GR 32, GR 36; 6/02

Arline M. (Anderson) Kincaid, LA 32; 8/01
Georgia Bonney (Black) McDonald, LA 32; 7/02
John F. Willis, LA 32; 7/02
Morton W. Adler, LA 33, MD 37; 6/02
Mary E. Alberici, BU 33; 6/02
Hazel Kathryn (Hausner) Cotton, SW 33; 5/02
Pauline (Kimmel) King, NU 33; 4/02
Helen Frances (Stephens) Thorpe, LA 33; 6/02

John Bozalis, AR 34, GA 35; 6/02
Roland M. Homer, BU 34; 4/02
Helen (Coil) Kelley, LA 34; 8/02
Harold A. Kram, BU 34; 9/02
Jacob Levin, EN 34; 3/02
Irving Powers, EN 34; 7/02
Maxine Alice (Weiss) Segelbaum, LA 34; 8/02
Paula May (Yawitz) Steinger, LA 34; 9/02
Fredrick C. Ballman, EN 35; 7/02
Paul H. Levy, LA 35; 7/02
V. Eva (White) Wilson, FA 35; 7/02
Virginia Petway Boulton, MD 36; 8/02

Edgar L. Engel, Sr., MD 36; 8/02
Stanley H. Hirsch, BU 36; 8/02
Harriet Louise (Brent) Lucco, LA 36, GR 43; 5/02
Velda Genelle (Smith) McNeill, NU 36; 6/02
Harold A. Sahl, DE 36; 8/02
James L. Worrall, LA 36; 12/01

Walter Freedman, LA 37, LW 37; 7/02
Edward H. Lyman, MD 37, MD 37; 6/02
Selma Magdalene (Dippel) Tilman, SW 37; 8/02
Lucille Tzinberg, SW 37; 8/02
Marshall J. Scott, GR 38; 6/02
Martin E. Sheets, Jr., LW 38; 9/02
Roy W. Bergmann, LW 39; 5/02
Louise (Marble) Blind, SW 39; 8/02
Lackland H. Bloom, LA 39, LW 39; 7/02
William F. Ferfucky, BU 39; 9/02
John H. Ferring, BU 39; 9/02
O. Charles Klingsick, BU 39; 1/02
Erwin Landau, EN 39, SI 41; 4/02

1940s

Howard J. Beck, LA 40; 6/02
Olive Bostrom, OT 40; 6/02
Florence E. (White) Brookes, UC 40; 4/02
Mary M. (Bloch) Drey, LA 40; 4/02
Sara Ann (Glauber) Garland, LA 40; 4/02
Vivien K. (Steffens) Krause, LA 40; 1/02
Forrest E. McGrath, EN 40; 4/02
Johnita (Boss) Myers, LA 40; 8/02
Hugh H. Rather, Jr., AR 40; 9/02
Herbert C. Wiegand, LA 40, MD 43; 7/02
John D. Wilkins, EN 40; 9/01
F. Travers Burgess, LW 41; 9/02
Robert R. Heitner, LA 41, GR 42; 8/02
Joseph D. Judy, MD 41; 7/02
Bernard S. Lipman, LA 41, MD 44; 5/02
Naida (Howard) Loudon, FA 41; 3/02
Howard E. Barkey, LA 42, GR 43; 8/02

Jules Biegelsen, GR 42; 7/02
Linelle D. Cushing, LA 42; 5/02
Mary S. (Kellams) Rulfs, NU 42, NU 44; 5/02
Kenneth F. Werley, EN 42; 8/02
Elizabeth J. (Halliday) Bayer, LA 43; 9/02
John M. Darnton, BU 43; 9/02
Jack S. Ingram, MD 43; 1/02
John A. Leschen II, EN 43; 11/01
Maybelle (Taylor) Von Der Ahe, NU 43; 4/02
William S. Welborn, MD 43; 5/02
Jack W. Cole, MD 44; 6/02
Evelyn M. (Klein) Sherman, BU 45; 8/02
Irma J. (Jackson) Brooks, NU 46, NU 62, GN 65; 4/02
W. Evans Campbell, AR 46; 5/02
John C. Kohler, EN 46; 8/02
Allen J. Portnoy, EN 46; 10/01

June L. (Parker) Tyler, UC 46; 8/02
Harry S. Ackerman, BU 47; 7/02
B. Todd Forsyth, MD 47; 4/02
Rachel A. (Schleifer) Hoyer, NU 47; 6/02
Houston Kirk, LA 47; 8/02
Robert E. McAliney, BU 47; 6/02
Ralph W. Queal, Jr., LA 47, GR 55; 8/02
Lorraine Martha (Meyer) Sherk, NU 47, GR 63; 5/02
John R. Stroupe, Jr., BU 47; 6/02
Marian Virginia (Smith) Tennant, LA 47; 4/02
Glenn R. Weygandt, MD 47; 11/01
Warren Brandt, FA 48; 5/02
Robert F. Bussmann, EN 48; 5/02
Arthur L. Hartmann, Jr., LA 48; 6/02

Reva Gail (Seals) Hofmeister, NU 48; 7/02
Jacob Malin, MD 48; 7/02
Melton G. Meadows, BU 48; 8/02
Gerald Newport, LA 48, MD 53; 8/02
Ernest H. Smith, SW 48; 8/02
Charles J. Stojciba, BU 48; 6/02
Marcella L. Thum, LA 48; 7/02
Joanna E. (Mozley) Turner, LA 48; 9/02
V. Richard Vivian, LA 48; 4/02
Paul R. Christiansen, EN 49, MD 49; 4/02
Maurice L. Howard, GR 49; 12/01
Theodore E. Knickmeyer, EN 49; 6/02
Collier M. Loving, BU 49; 4/02
Paul V. Lutz, LA 49, LW 51; 4/02
Stanley L. McCarron, BU 49; 4/02
John F. O'Brien, MD 49; 9/01
Robert H. Schrader, BU 49; 4/02
John A. Wolf III, EN 49; 5/02

1950s

John R. Barry, HA 50; 4/02
James G. Callahan, Jr., BU 50; 5/02
Eugene F. Cerulo, LA 50; 5/02
Doris Clara (Spruss) Fridley, LA 50; 7/02
Valle Grossman, BU 50; 9/02
Richard M. Hesse, GR 50; 7/02
Paul D. Ward, GR 50; 4/02
Howard L. Wibbels, MD 50; 8/02
Raymond M. Asher, BU 51; 9/02
Allen P. Bebee, LA 51; 4/02
Ronald L. Cupples, BU 51, LW 53; 8/02
Edna H. Drennan, GR 51; 7/02
Estil L. Ellis, LA 51, GR 60; 8/02
Frank K. Haley, LA 51, LW 53; 5/02
Alice Louise (Young) Hamilton, UC 51; 5/02
John K. Meyer, LA 51; 6/02
John E. Mungenast, EN 51; 5/02

Sheila J. (O'Connor) Osmundsen, BU 51; 6/02
 Gerald F. Rosenkoetter, EN 51, SI 57; 5/02
 Alfred R. Saeger, Jr., GR 51; 6/02
 George E. Shields, EN 51; 5/02
 Richard McLellan Smith, SW 51; 6/01
 Hope (Glastris) Dowling, FA 52; 6/02
 Rubin Feldman, EN 52; 6/02
 Alvin Goldman, AR 52; 8/02
 Robert D. Rankin, DE 52; 6/02
 Pasquale R. Sferra, LA 52; 5/02
 John W. Wheeler, LA 52; 6/02
 Charles F. Bealke, GB 53; 4/02
 Lucille M. Anderson, LA 54; 9/02
 Kenneth E. Christenot, DE 54; 9/02
 Robert G. Emert, AR 54; 6/02
 Carl J. Sievers, EN 54; 4/02
 Lester G. Weber, GR 54; 8/02
 Melvin L. Garner, GB 55; 4/02
 Donald G. Glynn, OT 55; 8/02
 Norman F. Harmon, GR 55; 4/02
 Emil F. Jason, GR 55, GR 57; 6/02
 Olney F. Otto, BU 55; 6/02
 William L. Banholzer, EN 56; 3/02
 Mark S. Fineberg, LA 56, EN 56; 6/02
 Ethel D. (Burley) Reinhardt, NU 56; 5/02
 Martin J. Rosen, BU 56; 8/02
 Alice M. (Tucker) Rowe, LA 56, GR 65; 7/02
 Richard P. Yeates, EN 56, EN 57; 6/02
 John L. Dudash II, LA 57; 7/02
 Norman D. Anderson, MD 58; 8/02
 Richard J. Brintnall, BU 59; 10/01
 Raymond L. Marts, GR 59; 8/02
 C. Larry Unland, UC 59; 9/02

1960s
 George W. Bilger, UC 60; 5/02
 David G. Curry, EN 60; 7/02
 Samuel P. Holmes, DE 60; 2/02
 Evelyn B. (Cardwell) McCarthy, LA 60; 6/02
 Pearl Bonnell (Drews) Owen, FA 60; 6/02
 Albert Stewart, SI 60; 3/02
 Leonard Collier, UC 61; 2/02
 Daniel Williams, UC 61; 9/02
 Adeline Carol (Eden) Fain, LA 62; 8/02
 A. Bryant Foster, UC 62; 7/02
 Ronald D. Heflin, EN 62; 8/02
 Harold E. Horsley, Jr., LA 62; 9/02
 Barbara J. Margulis, LA 62; 6/02
 Wagih A. Bari, GR 63, GR 65, HS 66; 8/02
 Letha Foss Barber, GR 64; 4/02
 Rosemary (Kuhn) Kennedy, GR 64; 6/02

Dolores Hughes (Jones) Pike, GR 64; 6/02
 Enno Rikand, EN 64; 6/02
 Robert C. Schikore, EN 64; 9/02
 Harry X.E. Wehrle, LA 64; 6/02
 Donald E. Westerhold, BU 64; 4/02
 William T. Maxwell, UC 65; 5/02
 Marianne M. Meier, UC 65; 8/02
 Janet Louise (Ramsey) Murphy, BU 65; 7/01
 Phillip Wrablik, FA 65; 8/02
 Glenn E. Condit, GR 66; 8/02
 Thomas M. Dedo, UC 66; 8/02
 Gerald H. Fochtman, Sr., GB 66; 9/02
 Marilyn J. Heneghan, GR 66; 9/02
 Helen B. Strong, UC 66; 9/02
 Orville R. Wright, UC 66; 8/02
 Arthur M. Galen, BU 67; 9/02
 Irene E. Hanebutt, NU 67; 10/01
 Martin B. Lechner III, GB 67; 6/02
 Stephen P. Barton, LA 69; 7/02
 Jack L. Chapis, SW 69; 1/02
 Jane (Berkshire) McCray, GN 69; 7/02

1970s
 Freddie R. Bowen, Jr., GR 70; 11/01
 Susanne (Hyde) Douglass, SW 70; 9/02
 Lillian Evelyn (Herron) Biggs, UC 71; 8/02
 James L. Gorecki, LA 71; 7/02
 Andrew Elkins, LA 72; 7/02
 Ralph F. Stumborg, UC 72; 7/02
 Darrell Francis Lauer, SW 73; 5/02
 Thomas P. Sullivan, UC 73; 5/02
 Alice Jean Briskey, GR 78; 7/02
 Raymond L. Brouk, UC 78; 8/02
 Albert Richard Hoersch, DE 78; 1/02

1980s
 Edgar L. Engel, Jr., MD 81, HS 85; 6/02
 Kendall Eugene Durk, EN 83, EN 83, SI 86, SI 86; 8/02
 Dawn Ann (Wallarab) Conn, LW 86; 4/02
 Phillip Edward Simmons, GR 86; 7/02
 Steven Brock, TI 88; 2/02
 Michael Edward Hayek, HS 88; 8/02
 William John Hilgert, GF 89; 7/02

1990s
 Cara Lynn Hubley, OT 97; 4/02
 M. Remsen Behrer, HS; 8/02

In Remembrance
Tilford U. Brooks
 Tilford U. Brooks, M.A. '60, Ph.D. '72, professor emeritus and

former chair of the Department of Music in Arts & Sciences, died September 5, 2002, in Clayton, Missouri, as the result of a head injury suffered in a fall. He was 77.
 Born in East St. Louis, Brooks took up the trombone and as an adult performed with various groups, including the George Hudson Band.
 In 1942, he enlisted in the Army Air Forces and became a member of the famed Tuskegee Airmen, a select all-black group of volunteers trained in Tuskegee, Alabama. He became a flight officer, flying P-47 fighters in World War II.
 After the war, he earned a bachelor's degree in music from Southern Illinois University at Carbondale and then earned graduate degrees in education, in Arts & Sciences, from Washington University. He became a junior high school band director and later director of music education with the East St. Louis School District.
 In 1970, Brooks became a lecturer in black studies at Washington University and then assistant professor in 1972. The next year he joined the music department as associate professor and served as chair from 1976–1984, the first African-American to hold that office.
 After leaving the University, Brooks became music supervisor with the St. Louis Public Schools and later taught music at the State University of New York at Buffalo.
 Survivors include his former wife, Ethelyn Harris Pappas; three daughters; two sisters; four granddaughters; and two great-granddaughters.

Margaret W. Dagen
 Margaret "Maggie" W. Dagen, a civil rights pioneer in St. Louis and former instructor and admissions staff member at the University, died September 18, 2002, of complications from cancer at her home in University City. She was 83.
 Born in St. Louis, the former Margaret Wolf earned a bachelor's degree from the University of Illinois at Urbana-Champaign and a master's degree from Northwestern University.
 In the mid-1940s, she became a teacher at Clayton (Mo.) High School and also at Washington University's University College. In 1947, she and her husband, Irvin, along with others, co-founded the St. Louis Committee of Racial Equality (CORE), a group that championed racial equality without violence. Through negotiations, appeals, boycotts, and sit-ins, the Dagens and others helped desegregate downtown St. Louis lunch counters and city pools.

Through protests and demonstrations of black and white students and others, the Dagens also led the way in integrating Washington University. She furthered integration of the University and recruited students nationally when, in 1963, she became an admissions counselor at the University.
 Among survivors is a sister.

Martin D. Kamen
 Martin D. Kamen, an internationally acclaimed physicist who co-discovered radioactive carbon-14, the isotope that enabled carbon-dating, died August 31, 2002, of pneumonia in his home in Santa Barbara, California.
 Born in Toronto to Russian émigrés, Kamen earned undergraduate and graduate degrees in chemistry from the University of Chicago. In 1943, during the time of the wartime Manhattan atomic bomb project, he was assigned to do research at the Oak Ridge National Laboratory in Tennessee, where he fell victim to America's Communist witch-hunts. Accusations followed him to the University of California at Berkeley, and, called a security risk, he was dismissed from the faculty there in 1945.
 That same year, befriended by then Washington University chancellor Arthur Holly Compton, a Nobel prize-winning physicist, Kamen joined the University as a professor of biochemistry and director of the cyclotron program in the School of Medicine. He taught other faculty how to use radioactive tracer materials for research.
 Kamen held that post until 1957, when he moved to Brandeis University. In 1961, he joined the chemistry department of the University of California at San Diego, as founding father of the new campus.
 He is survived by a son.

Shirley A. Luedde
 Shirley A. (Minges) Luedde, A.B. '51, a former member of the Alumni Board of Governors, died April 17, 2002, of cancer, in Palos Verdes Estates, California. She was 72.
 A longtime University volunteer, she served as chair of the Los Angeles Alumni Club in the 1970s. Despite her illness, she was able to attend her class' 50th Reunion in May 2001.
 Luedde, who was a member of the American Association of University Women, is survived by her husband, John Clarkson Luedde, B.S.M.E. '53; a son; and two grandchildren.

Developing a National Center for Cancer Research and Treatment

BY DIANE DUKE WILLIAMS

When Timothy J. Eberlein was in college at the University of Pittsburgh, he met a young surgeon who also was the vice chairman of the Department of Surgery. Larry Carey would become Eberlein's role model and make a lasting impression on him.

"Carey was always very personable and a very smart guy who was extraordinarily honest and efficient," Eberlein says. "He had an extremely busy clinical practice but also had a big laboratory."

Today, it's obvious that Eberlein, a surgical oncologist, has followed in Carey's footsteps. He is the Bixby Professor of Surgery, chairman of the Department of Surgery, and the Spencer T. and Ann W. Olin Distinguished Professor at the University's School of Medicine, and director of the Alvin J. Siteman Cancer Center at Barnes-Jewish Hospital and the School of Medicine. Widely published, Eberlein is renowned for his clinical expertise in the management of breast cancer, gastrointestinal malignancies, and soft-tissue sarcoma.

"Imagine a highly accomplished surgeon, researcher, and educator who emerges as a great leader of two major programs—our premier Department of Surgery and our newly established, NCI-designated Siteman Cancer Center," says William A. Peck, executive vice chancellor for medical affairs and dean of the School of Medicine. "Tim does the work of two or three people and does it very well. His high intelligence, limitless energy, infectious enthusiasm, and wonderful persona are among the qualities that allow him to accomplish all of this and more."

Eberlein, who joined the School of Medicine five years ago from Harvard Medical School, is proud of key accomplishments both at the Siteman Cancer Center and in the Department of Surgery.

The Siteman Cancer Center last year received designation from the National Cancer Institute—the only center with this stamp of approval within a 240-mile radius of St. Louis—and now has a successful, integrated, multidisciplinary cancer program. At the center last year, University physicians treated almost 6,000 new cancer patients and provided follow-up care for more than 28,000 cancer survivors. The center also now offers more than 250 clinical trials.

TIMOTHY J. EBERLEIN

- Bixby Professor of Surgery
- Spencer T. and Ann W. Olin Distinguished Professor
- Chair, Department of Surgery
- Director, Alvin J. Siteman Cancer Center at Barnes-Jewish Hospital and the School of Medicine

"Tim has the ability to get the troops moving in the right direction," says John F. DiPersio, the Lewis T. and Rosalind B. Apple Professor of Medicine, chief of the Division of Oncology, and deputy director of the Siteman Cancer Center. "He is always positive, supportive, and appreciative of everybody. That's the kind of person you just can't say 'no' to."

Additionally, the Department of Surgery has doubled its peer-reviewed grant support from the National Institutes of Health and made some positive changes under Eberlein's leadership. "We have phenomenal people in surgery. We have been able to retain those people, and we've recruited other key individuals," Eberlein says, adding that his wife, Kim, has been an extraordinary advocate and ambassador for the University.

Gregorio A. Sicard, professor of surgery and head of the Division of General Surgery, says Eberlein has a tremendous ability to recognize, retain, and attract the future leaders of academic surgery. He adds: "Dr. Eberlein exemplifies all the characteristics of a great leader—friendliness, caring, commitment to excellence in research and clinical activities. He is a class act."

Although he majored in biology in college and planned to go to medical school, Eberlein's only personal glimpses of the medical field were through visits to his pediatrician as a child. One summer during college, his brother, Thomas, got him a job sterilizing operating room instruments in a Veterans



David Kilper

With Eberlein at the helm, researchers at the Siteman Cancer Center are trying to identify genes associated with the development and spread of cancer—with the help of the Washington University Genome Sequencing Center.

Administration Hospital in Washington, D.C. At the end of the summer, Eberlein had a chance to become a volunteer surgical assistant and hold retractors during operations. The first time he walked into the operating room, he knew what he was going to do for the rest of his life. "I can remember it as though it happened three minutes ago," he says. "It was an epiphany. From that moment on, I was focused on a career in surgery."

After graduating from medical school at the University of Pittsburgh, surgical oncology was Eberlein's first rotation during his internship at Brigham and Women's Hospital in Boston. He greatly admired Dick Wilson, the attending physician on the service, and also decided that specializing in oncology was a perfect way to blend his interest in basic science and the clinical practice of medicine. "I realized early on that while surgery and radiation and chemotherapy were wonderful advances, they were not going to cure cancer," Eberlein says. "We had to figure out some other mechanism and understand the disease biology better, and that's how I got into immunology and basic science."

With Eberlein at the helm, researchers at the Siteman Cancer Center currently are trying to identify genes associated with the development and spread of cancer—

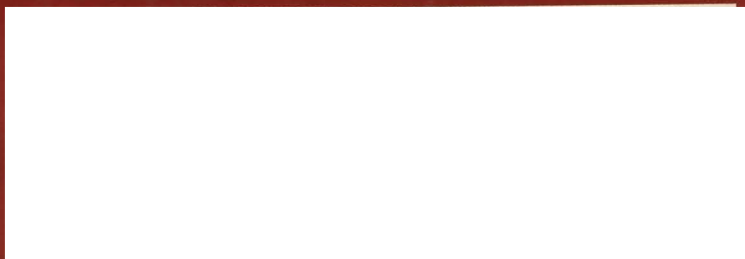
with the help of the Washington University Genome Sequencing Center. Other scientists are studying the genes that metabolize medication, researching a whole new class of anti-cancer compounds to develop more tailored chemotherapy regimens. Still other researchers are exploring the potential of various chemopreventive agents to prevent or reverse precancerous changes in individuals at high risk of developing cancer.

"Dr. Timothy Eberlein has been an outstanding and effective founding director of the Alvin J. Siteman Cancer Center," says Chancellor Mark S. Wrighton. "Our community is in his debt for the remarkable work that he has been doing to develop one of the nation's leading centers for cancer treatment and research. Tim himself is a leading contributor in surgical oncology, but beyond his personal work, he has inspired others and developed community-wide support. The development of the Siteman Cancer Center is having a transforming effect in our region, and I am grateful for Tim's excellent and sensitive leadership." (WU)

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David Kilper

Winter's Rhythm Originally built by the University in 1909 to serve as Chancellor David F. Houston's residence, Blewett Hall (named for Benjamin Blewett by a gift from his sister Avis Blewett) now houses the Department of Music. As Washington University approaches its 150th anniversary in 2003–2004, the magazine will feature photos, vignettes, and stories of the people and places that are part of the University's history.