Perfecting Polymers

Karen Wooley, professor of chemistry, and her research team are working on synthetic polymers to create microscopic carriers of medicines.
“Hoop-la” The women’s basketball team has had another great season. Although its consecutive winning streak ended at 81 games in January, the Bears’ home streak stands at 57. Tasha Rodgers (center), team captain and leading scorer, positions herself for a shot in WU’s 85–36 victory over Brandeis on January 19. At press time, the team was on the road to the Final Four, and Rodgers had been named the national Division III Player of the Year. (Inset) Art and Marge McWilliams, boosters of WU’s athletics, are continuing their winning ways by committing $500,000 toward establishing an annual women’s basketball classic. The inaugural McWilliams Basketball Classic will take place in fall 2001.
2 Frontrunners
Short takes on WU's community of great minds and great ideas.

8 Lasting Lessons
Three alumni describe their favorite teachers.

10 Re-Building Common Grounds
Associate Professor of Architecture John Hoal built consensus in the St. Louis community around his “masterful” design for the revitalization of the city’s beloved Forest Park.

14 Carving Out a Chemical Niche
Karen Wooley, professor of chemistry, is researching innovative ways to use synthetic polymers. She and her research team are perfecting “knedels” by hollowing out their interiors.

19 A Rare Acquisition
The University Libraries recently acquired the Triple Crown Collection—a rare collection of books, proof pages, and business correspondence from the legendary Kelmscott, Doves, and Ashendene presses during the Arts & Crafts Movement.

22 Putting Families First
Washington University has been at the forefront nationally in developing innovative financing programs to help parents and students afford the best education.

25 A Scientist and a Lawyer
Crossing borders comes naturally to Edwin Flores Troy. A citizen of both Mexico and the United States, Flores first earned a Ph.D. in molecular immunobiology from the School of Medicine before entering law school. He now works in the complex world of intellectual property as it pertains to biotechnology.

28 ABC Affiliates
From morning to night, Washington University graduates help bring you the news at ABC. Here is a glimpse at three Arts & Sciences alumni: John Green, A.B. ’90, Lisa Sharkey Gleicher, A.B. ’80, and Ann Sorkowitz, A.B. ’70.

32 My Washington
Harry Seigle, A.B. ’68, has turned a love for discovery into a lifetime of possibilities.

34 Alumni Activities
Alumni award recipients from Founders Day, School of Social Work, and the Dental Alumni Association; alumni travel news.

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

46 The Washington Spirit: Theodore Cicero
Associate Professor Michael Wysession writes about his family’s experience living in a residence hall.
SBC Gift Supports Executive Education

Executive M.B.A. alumni and friends of the John M. Olin School of Business gathered September 13, 2000, to sign the final beam for the Charles F. Knight Executive Education Center and to cheer its hoisting into place. Among them was Maria Emella Briggs, B.S.B.A. '88, E.M.B.A. '98.

The $50 million, 5-story building, located on the north side of the Hilltop Campus and expected to be completed in early 2001, will offer executives a facility with classrooms, study areas, lounges, dining areas, a fitness room, and overnight lodging. The center was funded in part by a $2 million grant from SBC Foundation, the parent company of Southwestern Bell Telephone.

International Writers Exhibit Honors Gass

The University honored renowned novelist and essayist William H. Gass, the David May Distinguished University Professor Emeritus in the Humanities, on his retirement as director of the International Writers Center (IWC) in Arts & Sciences with an exhibition titled International Writers Center: A Decade in October 2000.

Since its founding in 1990, the center has brought some of the world’s finest authors to St. Louis for public readings and symposia; compiled a comprehensive guidebook on the history of St. Louis letters; released more than 100 issues of the St. Louis Literary Calendar; sponsored contests for local poets of all ages; and published many volumes.

The exhibition included artwork, photographs, books, posters, recordings, and other materials from the IWC archives. Highlights included original artworks and illustrations by such internationally recognized artists and writers as Breyten Breytenbach and Tom Phillips. Additionally, the exhibit included copies of all IWC publications.

Peruvian Plants May Fight Tuberculosis

Walter H. Lewis, professor of biology in Arts & Sciences, was awarded the Martin de la Cruz medal by the Mexican Academy of Traditional Medicine for his South American research among the Jivaro indigenous tribes in Peru.

He has made numerous trips to the Peruvian rainforest since the early 1980s to learn about the medicinal plants used by the native tribes. Lewis and his colleagues have discovered plants in Peru that may contribute to the fight against tuberculosis (TB). Examining about 1,250 Peruvian plant extracts, they found that 46 percent showed an inhibition against Mycobacterium tuberculosis, the bacterium that causes TB.

The finding is a first step toward developing potential drugs to combat the disease. The results came after months of working with the native Aguaruna people of Peru through the International Cooperative Biodiversity Program—Peru.

The program seeks to identify new pharmaceutical possibilities from medicinal plants and to promote cultural and economic support for the native Indians.

Tropical rainforest plants produce above-average amounts of secondary metabolites, such as alkaloids. Lewis believes he found such a high anti-TB reactivity because the plants have shared sensitivities that “allow secondary metabolites to inhibit the growth of M. tuberculosis at these unexpectedly high frequencies,” he says.

Laughter Is the Best Medicine

First-year medical student Herbert Chang (center) and Dana R. Abendschein (right), associate professor of medicine and of cell biology and physiology, clown around for Jalen Johnson, a 9-month-old patient at St. Louis Children’s Hospital. They are making rounds as part of Medicine of Laughter, a new elective course that debuted in spring 2000 for medical school students.

WU’s School of Medicine is the first U.S. medical school to offer a credit course in clowning. Taught by Abendschein, the course requires students to review the literature about the body’s response to positive emotions and how humor improves a patient’s hospital experience. They watch videos of clowning experts and make rounds with the St. Louis Children’s Hospital Clown Docs.

Students who complete Medicine of Laughter can then choose an additional course in which they learn how to develop clown characters of their own, apply makeup, and choose a costume.
Space Dust May Be Clue to Past

Dust particles collected in the upper atmosphere by NASA aircraft may provide scientists with a glimpse into the solar system's history.

Washington University researchers studying interplanetary dust particles (IDPs) have recently discovered deuterium/hydrogen (D/H) ratios in the particles reaching an unprecedented 30 times the terrestrial value.

Scott Messenger, senior research scientist in physics at the University's McDonnell Center for the Space Sciences, suggests that the high D/H ratios are due to the presence of material surviving from the molecular cloud that gave birth to our solar system 4.5 billion years ago. He infers that an environment with "extremely low temperatures must have been present during the formation of this material, and not many places in the universe have such conditions," he says.

"This must take place in vast molecular clouds, light years across, the birthplace of stars."

Messenger's preliminary results appeared in the journal Nature, and he presented an update at the American Chemical Society's annual meeting in Washington, D.C.

Hero for the Planet

Peter H. Raven, the director of the Missouri Botanical Garden and the Engelmann Professor of Botany in Arts & Sciences at Washington University, is the recipient of two recent awards. He was one of 12 scientists selected by President Bill Clinton to receive the 2000 National Medal of Science, the nation's highest scientific honor. He also received the Lady Liberty Award for Nature and the Environment, presented by the Goals for Americans Foundation.

Raven, a preeminent scientist in plant systematics and evolution, has published more than 550 papers and books. He introduced the concept of coevolution and has made major contributions to international efforts to preserve biodiversity. He also has directed the Missouri Botanical Garden to a position of worldwide prominence. Over his more-than-40-year scientific career, Raven has won numerous honors. Time magazine named Raven "Hero for the Planet" in 1999 for his work in preserving biodiversity. He is a member of the National Academy of Sciences and the president-elect of the American Association for the Advancement of Science. He was also one of President Clinton's science advisers.

GWB Celebrates 75th Anniversary


Conference highlights included keynote speakers Kenneth Prewitt, director of the U.S. Census Bureau, and Peter Raven, the Engelmann Professor of Botany in Arts & Sciences and director of the Missouri Botanical Garden. Roundtable and panel discussions also took place on such issues as information technology and social work practice, racial and cultural diversity in the new millennium, and international social welfare trends.

The overall theme was that of looking to the future and preparing for the social work issues of the new millennium. "Rather than simply alleviating short-term suffering, we must focus our efforts on helping people learn to help themselves, on building the internal capabilities and capacities of the individuals, families, and communities that we serve," says Dean Shanti Khinduka.

Young Artists Showcased at First Site Gallery

Andrew Neighbour (2nd from left), associate vice chancellor for technology management, visits with seniors (from left) Cary McQueen, Chris Thorson, and Seth Thomas. All three are members of SEEN, a group of artists studying at the School of Art.

SEEN members displayed their work October 30 through January 1 in the inaugural exhibition of the First Site Gallery. The gallery is located in the newly refurbished offices of Washington University's Center of Technology Management (CTM) on the Medical Campus in St. Louis' Central West End.

SEEN was formed to introduce the St. Louis community to a broader range of works by young artists affiliated with WU.

Exhibit Dramatizes GWB History

In conjunction with the George Warren Brown School of Social Work's 75th anniversary celebration, the School collaborated with the St. Louis Post-Dispatch to create an exhibit of editorial cartoons, titled Advocates for Change: 75 Years of Journalism and Social Work. The cartoons chosen, one from each of the 75 years since the School's founding, covered such timeless social justice issues as education, poverty, and violence, while others featured controversial issues of a particular place and time, such as a war. Dean Shanti Khinduka notes, "The exhibit represents a social justice time line, helping us pay tribute to our past efforts while signaling that much work is left to be done."

The exhibit was on display in Brown Hall through December 15, 2000, and then at the National Press Club in Washington, D.C., January 8-22, 2001. (Cartoon by Daniel Fitzpatrick, 1935)
A great university must create a balance for students and the campus community by providing both an atmosphere for learning and a space that affirms the importance of the spiritual dimension in their lives. That is what Roland Quest, A.B. '37, believed. And he felt Graham Chapel provides that balance for Washington University.

That is why his longtime friend, Phyllis Tirmenstein, issued the following challenge: to raise the $500,000 needed to complete the $3.14 million renovation of the historic 1909 landmark and establish a small endowment for future maintenance. Her offer: to match dollar for dollar through the St. Louis Community Foundation that $500,000 with a deadline of December 31, 2001. Funds still to be raised to meet the challenge: $223,000. Naming opportunities: many available.

Contact Stacy Guadagano at 314-935-4065.

Center for Global Legal Studies Opens

The School of Law launched an Institute for Global Legal Studies that will foster groundbreaking educational and research initiatives on a broad range of international issues.

"From the Internet, e-mail, and fax machines, to travel, migration, commerce, and foreign relations, the story of the new millennium will be our ever-shrinking planet," says the institute's director, Stephen H. Legomsky, the Charles F. Nagel Professor of International and Comparative Law and a renowned scholar in immigration, refugee, and citizenship law and policy. "The world's problems—and the problems entrusted to lawyers—will increasingly require international cooperation and international solutions."

The institute's primary activity will be annual conferences on topics of contemporary global importance. Its inaugural colloquium, held November 17-18, 2000, "The United Nations and the Protection of Human Rights," featured speeches and panel discussions by distinguished international statesmen and scholars.

Public Policy Center Renamed


Steven S. Smith, formerly the Distinguished McKnight University Professor of Political Science and Law at the University of Minnesota, assumed the top administrative position at the University public policy center.

Also, the center has been renamed the Murray Weidenbaum Center on the Economy, Government, and Policy, in honor of its founder and former director, Murray Weidenbaum.

Weidenbaum founded the Center for the Study of American Business at the University in 1975. For most of the past 25 years, he led the center as director and chairman in its mission of producing scholarly research on issues affecting the economy, government, and public policy. The center was originally funded by a grant from the John M. Olin Foundation and continues to be entirely self-funded with donations from foundations, corporations, and individuals.
McCourt became a literary phenomenon with the publication of his first book, *Angela's Ashes*, in 1996. This memoir of his poverty-stricken Irish youth was on the *New York Times* bestseller list 117 weeks and earned numerous honors, including the 1997 Pulitzer Prize for Biography. In addition, director Alan Parker released a film version of the novel in 1999.

Prior to the publication of *Angela's Ashes*, McCourt taught English for 27 years in the New York City Public Schools. In fact, his years as a teacher provided some of his best anecdotes during his lecture. Through his humorous stories of trying to teach great literature to disinterested students, McCourt conveyed his love of teaching. At one point, he quipped, "It's an honest life. You'll be penniless, but you'll get a seat in heaven."

**Celebrated Author Speaks on Memoirs**

Pulitzer Prize-winning author Frank McCourt delivered the annual Neureuther Library Lecture, titled "A Memoir of a Memoir," to a capacity crowd in Graham Chapel on November 1, 2000, and he proved to be as good a speaker as he is a writer.

**What's New on the South 40**

Ursa's Café (see photo) opened for business this fall in the wedge between Lien and Gregg residential houses. The café, anticipated to be more than just an eatery, contains booths with inlaid board games, pool tables, a big-screen television, e-mail kiosks, and a lounge area. "It will be a main hangout and a gathering spot for students," says Justin X. Carroll, assistant vice chancellor for students and dean of students. It was one of several gathering places on campus for students to watch the presidential debate held at the University on October 17.

Students also have a new place to work out and stay in shape. As of September 2000, the South 40 Fitness Center, in Wohl Student Center, features cardiovascular and strength-training equipment and space for aerobics. The cost for students is $15 for the school year. The center's location in the heart of the residential colleges should make it even more convenient for students than the McWilliams Fitness Center in the Athletic Complex.

**Pratim Biswas**, director of the Environmental Engineering Science Program at the School of Engineering & Applied Science, became the new Stifel and Quinette Jens Professor of Environmental Engineering Science in October. The endowed chair is the culmination of Stifel Jens’ lifelong dedication to improving the environment.

**Christopher I. Byrnes**, dean of the School of Engineering & Applied Science, was installed as the first Edward H. and Florence G. Skinner Professor in Systems Science and Mathematics in September. The professorship was established by Florence Skinner Farrow in honor of her parents, both of whom attended Washington University.

**Aaron J. Clechanover**, a visiting professor of pediatrics at the School of Medicine since 1987, received the 2000 Albert Lasker Basic Medical Research Award in September. Each year since 1946, the Albert and Mary Lasker Foundation in New York has recognized scientists who have made significant contributions to medical research.

**John Owen Haley** was installed as the Wiley B. Rutledge Professor of Law in September. The chair is named in memory of Rutledge, who served as the law school's dean and a U.S. Supreme Court justice.

**Stuart A. Kornfeld** has been chosen to fill the new David C. and Betty Farrell Professorship in Medicine at the School of Medicine. The Farrells are well-known for their generous contributions to the St. Louis community and to the University.

**Timothy Lohman** was named the Marvin A. Brennecke Professor of Biological Chemistry at the School of Medicine. Brennecke died in October 1994, leaving a bequest that funds several positions at the University.

**Denise A. McCartney** was named associate vice chancellor for research administration in September. She will be responsible for advising and supporting the research at both the Hilltop and South 40 campuses.

**John W. McDonald III** received the "Research for Freedom" Award from Gateway to a Cure on November 19. McDonald is an assistant professor of neurology and of neurological surgery at the School of Medicine, as well as director of the Barnes-Jewish Hospital Spinal Cord Injury Program.

**James A. Purdy**, professor of radiology in radiation physics in the School of Medicine, received the 2000 Gold Medal Award from the American Society for Therapeutic Radiology and Oncology (ASTRO) on October 24. Purdy serves as associate director for quality assurance at the School's Mallinckrodt Institute of Radiology Radiation Oncology Center and is chief of its physics section.

**Marcus E. Raichle**, professor of radiology, neurology, psychology, and neurobiology in the School of Medicine, received an award for his work in neuropsychiatric disease from the Robert J. and Claire Pasarow Foundation on June 11.

**Joel Seligman**, dean of the School of Law and the Ethan A.H. Shepley University Professor, was named chairman of the Securities and Exchange Commission's (SEC) new Advisory Committee on Market Information.

**Gautam Yadama**, associate professor at the George Warren Brown School of Social Work, is conducting research in Kathmandu, Nepal, during the 2000-01 academic year through a grant from the J. William Fulbright Foreign Scholarship Board.
Professor Wins Olympic Gold

Professor of Medicine John O. Holloszy was awarded the 2000 Olympic Prize in Sports Sciences by the International Olympic Committee as part of the 2000 Olympic Games in Sydney, Australia. The award included a $500,000 prize, a certificate of excellence, and an Olympic gold medal.

Holloszy received the award in recognition of his contributions to the science behind enhanced athletic performance and disease-state management. The commission lauded his leadership in uncovering the correlation between muscle adaption during exercise and its effect on the overall health of the human body, noting that his discoveries have led to breakthroughs in preventive medicine as it relates to heart disease, diabetes, and obesity.

Holloszy has devoted 40 years to making exercise a valid area of research and showing how it can help prevent and reverse heart disease and diabetes. He laid out the scientific methodology that enables athletes to increase their endurance as they train and provided a rational basis for athletic training that continues to test the limits of human performance.

Holloszy is chief of the Division of Geriatrics and Gerontology and director of the section of applied physiology. He joined the faculty of the School of Medicine in 1965.

New Minor: Bioelectricity

The School of Engineering & Applied Science is offering a new minor in bioelectricity, which combines core and elective courses in electrical engineering and biology. This minor is a natural for Washington U., since several faculty members in the Department of Electrical Engineering are among the world’s leading researchers in aspects of bioelectricity.

The new minor will let engineering students take advantage of expanding opportunities in engineering and medicine, in which methods of electrical and computer engineering are combined with principles of biology. A variety of areas already exist at the intersection of electrical engineering and biology, including medical imaging, electrocardiography, the processing of electrical signals produced within the human body, and the design and implementation of electrically based sensors for detecting such signals.

A minor in bioelectricity will prepare students for medical school, as well as careers in research, teaching, and business. The revolution in cellular and genetic biology is expected to shape dramatically the practice of engineering in the future; this impact should only enhance the career opportunities in this area.

Law Scholars to Codify Chinese Law

Wei Luo, director of technical services for the School of Law, and Philip Berwick, associate dean for information resources at the law school, have teamed up to work on codifying Chinese law. They are working with members of the Legal Compilation Department of the Legislative Office of the State Council of the People’s Republic of China on the project.

The School of Law Library received a $15,000 grant from the U.S.-China Legal
Missouri Rock Images Are Focus of New Book

A research associate and lecturer in the Department of Anthropology in Arts & Sciences, Carol Diaz-Granados, has completed the first systematic survey of Missouri's prehistoric "rock art." Her findings have been published in a book titled The Petroglyphs and Pictographs of Missouri (University of Alabama Press, 2000), which documents 134 sites of rock-art images. Only 65 to 70 were known before she began her work in 1983.

"I personally prefer the term 'rock images' or 'rock graphics,' because I believe they are more about communication than about art," says Diaz-Granados. Petroglyphs are carvings in stone, and pictographs are painted or drawn images on stone. The most typical motifs in Missouri are the bird, the serpent, and quadrupeds such as deer and elk.

Diaz-Granados first became interested in rock images as a graduate student at Washington University when she was engaged by the Missouri Department of Conservation to write a report on the petroglyphs at the Rocky Hollow site in Monroe County. She has since become the state's leading authority on the images.

Scientists Study Brain's Memory Function

Scientists are one step closer to determining how we remember what we see and hear. WU researchers have found that some areas of the brain involved in looking at pictures and listening to sounds also are involved in remembering them.

One of the fundamental challenges behind understanding memory is to determine how the brain reconstructs experiences, such as remembering what your mother looks like, and uses them to remember the actual image. Experimentation has persuaded scientists that the memory process reacts specifically to areas of the brain that were activated during the actual experience.

Randy L. Buckner, a Howard Hughes Medical Institute Investigator at Washington University, developed an approach to brain imaging that allows researchers to separate images of brain activity during rapid experimental trials. Buckner's group hopes to use its findings to explore how the memory process breaks down in aging and Alzheimer's disease.

Technique May Identify More Aggressive Prostate Cancer

School of Medicine researchers have shown that a technique used to measure tumor size allows surgeons to evaluate the chance for progression of prostate cancer after surgical removal of the prostate gland. Tumor size appears to be a sign of how aggressive the prostate cancer is. Determining tumor size can help physicians determine a patient's prognosis and the best course of treatment.

The current method of using computer-assisted imaging tools to measure tumor volume is expensive and time-consuming and therefore performed only in research settings. The new technique, routinely used in other procedures, is just as effective and can be used by hospitals nationwide. After the prostate gland is removed, the tissue is looked at under a microscope and the percentage of tumor cells present in each sample is visually estimated. Those patients with a higher percentage of cancer cells in their prostate glands are more likely to have a recurrence of the disease. With more information about the tumor, physicians can determine the best treatment option for each patient.

Warfarin Can Reduce Incidence of Stroke in the Elderly

School of Medicine researchers have found that frail and elderly people with chronic atrial fibrillation are at high risk for stroke, yet are less likely than younger people to receive stroke-preventing drugs.

The researchers also discovered that warfarin, a blood thinner often sold as Coumadin®, lowers the risk of stroke, heart attack, and death by one-fourth in this population. In addition, clinical trials have shown that aspirin, commonly prescribed in these instances, is less effective than warfarin.

In atrial fibrillation, the upper chambers of the heart flutter instead of keeping a steady beat. This allows blood to pool in the heart, promoting clotting. If a clot breaks off and enters the bloodstream, it can lodge in the brain, causing a stroke.

The disorder affects about 2 million Americans and is responsible for nearly 75,000 strokes or transient ischemic attacks (mini-strokes) each year. And it becomes more common with age. Atrial fibrillation causes one-third of strokes in octogenarians.

Brian F. Gage, assistant professor of medicine, is the lead author of a paper that describes the research in a recent issue of the journal Stroke.
Washington University's superb teachers have changed the lives of the students who have learned from them. Here, three alumni describe faculty whose lessons will last a lifetime.

Richard H. Brunell  
Professor Emeritus of Art

Mike Peters:  
"It's difficult to flunk in art, but at the beginning of my junior year, I was getting D's and F's. I was doing extracurricular stuff: the yearbook, Student Life, anything I could do cartoons for! Professor Brunell tried to help: 'You can't get F's in junior year. You can't go on taking summer school. If you don't make it, you will be out!'

"He had a suggestion: 'You're not passing because you're trying to do what everyone else is doing, so why not start doing your cartoons in everything you do: in painting, figure drawing, design—it's worth a try.'

"I was dating the assistant dean's daughter, and I thought: 'I'm never going to see her again.' So I started cartooning in all my classes.

"I'll never forget when I got the results that would tell me whether or not I could stay in school. Opening the envelope . . . I had never seen letters like this—A's and B's! Right away I called Marian, who would later become my wife: 'Guess what—I'm not going to be thrown out!'

"I last spoke to Professor Brunell in 1993; I had just won the National Cartoon Society Award. I called him to say, 'Thank you, thank you for this!'

"We have no idea how many people we touch, usually by a little action that we don't think will mean anything. Never underestimate the little gesture. The success I've had is partly because I do what I love, but it's also due to someone's saying something other than 'You're flunking!'"
Recognizing the Importance of Planned Gifts — Washington University in St. Louis

☐ Washington University is already included in my estate plans—
I would like to become a Robert S. Brookings "Partner."

☐ Please send me a personalized, confidential calculation using the following birthdate(s) to illustrate the very attractive benefits that I will receive from a Washington University Deferred-Payment Charitable Gift Annuity.

I prefer to have my payments begin (minimum age 60):
☐ Immediately    ☐ When I reach age __

I would like a calculation based on a theoretical gift of:

$_______________  ☐ Cash  ☐ Securities ($______) (minimum $5,000)  Cost Basis  Acquisition date

First Beneficiary Birthdate_________________________ Relationship______________________
Second Beneficiary Birthdate________________________ Relationship______________________

☐ Please send me your booklet on Deferred-Payment Charitable Gift Annuities.

☐ Please send me your booklet on other Life Income Plans at Washington University.

☐ Please send me information on making a bequest to Washington University.

☐ Please have Paul Schoon or Lynnette Sodha from the Washington University Planned Giving Office call me.

Name___________________________
Address__________________________
City/State/Zip_______________________
Daytime Phone_____________________

(Fold this form and seal edges with tape to mail.)
Concerned about Retirement Income?
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With a Deferred-Payment Charitable Gift Annuity.

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If both you and your spouse are .............. age 55
And create a Deferred-Payment Gift Annuity with .................... $10,000
Which will begin paying income to both of you at ................... age 65
The two of you will receive annual lifetime income of ................ $1,090
Which is a return of ...................... 10.9% of the amount you transferred.
Your immediate charitable deduction is ....................... $4,183*

Ultimately, the amount remaining from your gift will be used for a purpose you choose at Washington University.

*Amount of the charitable deduction may vary slightly.

**Sample Rates of Return**

**Single Life**

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Individuals over age 65 may find an immediate Charitable Gift Annuity or a Charitable Remainder Unitrust more attractive.

For a personalized example for these types of life income gifts, complete and return the reply card, call 1-314-935-5848 or 1-800-835-3503 or e-mail us at plannedgiving@uismail.wustl.edu.

Advice from your tax or legal advisor should be sought when considering these types of gifts.
Associate Professor of Architecture John Hoal built consensus in the St. Louis community around his “masterful” design for the revitalization of the city’s beloved Forest Park.
Exciting changes are under way in Forest Park. Crumbling bridges are being replaced, old roads are giving way to green space, newly linked lakes and lagoons are forming a sustainable, river-like water system. Like skilled jewelers, workers are burnishing this gem of the St. Louis parks system in time for the centennial celebration of the most famous event in the park’s history, the 1904 St. Louis World’s Fair.

“Restore the glory” is the rallying cry for this transformation, which has taken place under the guidance of John Hoal, associate professor of architecture and director of the Master of Architecture and Urban Design program. Hoal headed the 20-member design team that developed the blueprint for these changes: the bold, sweeping Forest Park master plan, adopted in 1995. In an equally remarkable effort, he helped convince donors to contribute the $86 million in public and private funds needed to complete the project. At times, he has also played a hands-on role in the park’s reconstruction. Last summer, he spent hours laying rock alongside newly created Deer Lake, which replaces a busy intersection in the north-central section of the park. Even before this space is fully landscaped, people have begun to discover its beauty and tranquility—and animals have too. Recently, Hoal caught a glimpse of a red fox, who has taken up residence nearby.

“This project is more than a job for me, it has become a passion, a vocation,” says Hoal. “I live at one end of the park, in the Central West End, and I work on campus at the other, so I am never out of the park. That means I can watch how people are occupying my designs and using them—so I know the park at a level of intimacy that has helped how I design it.”

The success of his personal mission has attracted strong public recognition. Three prestigious awards—the 2000 Outstanding Planning Award for Implementation from the American Planning Association, the Catherine Brown Award for Landscape Urbanism from the Congress for New Urbanism, and the James C. Howland Award for Urban Enrichment from the National League of Cities—have gone to the Forest Park master plan.

Best of all, says Hoal, is watching each refurbished area take shape with its own distinctive style and purpose: historic Pagoda Circle with its bandstand near the Municipal Opera (Muny); formal, elegant Grand Basin at the foot of Art Hill; a wildlife corridor joining Kennedy Woods with a new forest near Steinberg Rink; a section devoted to outdoor environmental education not far from the St. Louis Science Center.

Another joy has been the strong involvement of Washington University in this project. Architecture graduates have worked with Hoal on the master plan; each
“JOHN HELPED NAVIGATE THROUGH SO MANY DIFFERENT INTERESTS AND FINALLY CAME UP WITH A PLAN THAT SERVES THE DIVERSE USERS OF THE PARK VERY WELL,” SAYS LAURA COHEN.

A semester's worth of design work. “There has been a very nice relationship of how this project has filtered in and affected students,” says Hoal.

A Park on Life Support

As a young faculty member in the School of Architecture, Hoal accepted a part-time city government post in 1990 after then-Mayor Vincent Schoemehl asked the School for help in establishing the city's first Urban Design Department. Initially, Hoal served as assistant director, then became director in 1993. That same year, Freeman Bosley, Jr. was elected mayor; soon afterward, he spearheaded the passage of a half-cent sales tax for parks' improvements. Since Forest Park represents nearly half of the city's park acreage, Bosley allocated half of the sales tax revenue—some $1.8 million a year—to the park. Then he asked Hoal for ideas on how to spend the money.

For Hoal, it was the opportunity and challenge of a lifetime. Forest Park, established in 1876, was “on life support,” he says. Not only was the infrastructure—bridges, sewers, roads—deteriorating, but there were serious environmental issues. The park, made up largely of lawn and trees, lacked the biological diversity of mid-level growth. And the natural water system had long ago been seriously disrupted; in 1930, the free-flowing River Des Peres had gone underground, buried in a combined stormwater/sewer pipe.

“What was needed then was a vision that would sustain the park for the 21st century,” says Anabeth Calkins, Forest Park manager, St. Louis Department of Parks, Recreation, and Forestry. “It is my opinion that John Hoal was instrumental in providing that vision.”

Over the years, many plans for the park had emerged, amid sometimes rancorous debate. Devising a new plan meant that Hoal's team had to work closely with community groups—an average of one meeting every four days over two years—in a back-and-forth process of education. The public would educate the team about things they valued, while the team would educate them about technical and design challenges. The result would be a consensus, a shared vision for the park.

Social Justice at Work

For Hoal, this democratic process was a welcome example of social justice at work. A South Africa native who grew up during the apartheid era, he has seen design being used against people, to create segregated communities. “That has haunted me and taught me a very important lesson,” he says. “So building this kind of shared vision in the Forest Park project was enormously important to me.”

The team's analysis quickly showed the importance of enhancing water flow and curtailing the flooding that often occurred in the path of old River Des Peres. “We realized that we could build a new river—joining all the existing bodies of water, adding in wetlands—and thus control flooding and improve water quality,” says Hoal. “This waterway would become the framework for the park; from it we would design all the major spaces and types of landscape, tying specific activities to each one.”

They presented these ideas to the community for feedback, and in return learned about the special relationship that many St. Louisans have with Forest Park. They heard stories about life-changing events that took place in the park: the child who listened to toads in a pond and grew...
up to work with animals or the long-married couple who shared their first kiss under a Forest Park tree.

**Achieving Consensus**

They also identified three key issues that had to be resolved for the plan to succeed. One question was conceptual: Is the park a nature reserve, a recreational place, or the setting of cultural institutions? The park is all these things, they decided, but any change to the current mix must meet certain general criteria. It had to be ecologically based, sustainable, and achieve a balance.

A second controversy involved the 27-hole golf course near Lindell Boulevard that they were proposing to turn into an 18-hole course. This idea faced opposition from an elderly, largely African-American constituency who were strongly tied to the previous configuration. The design team returned to the 27-hole design.

Third was a discussion over building expansion in the park: how to meet the parking and space demands of burgeoning cultural institutions, while still preserving green space. The team adopted a “no-net-loss-of-green-space” principle, which meant they could not reduce the total amount of open space, but they could move things—like parking lots—to achieve a better balance.

In 1995, a master plan emerged from this process that had overwhelming public support. Its hefty price tag—$43 million in private funds and another $43 million in public money, plus millions more that the cultural institutions would solicit on their own—seemed daunting, but the fund-raising effort succeeded. The city bonded its sales tax money to jump-start the public process, and Forest Park Forever, a private organization, worked tirelessly to garner the necessary private-sector funds.

“John helped navigate through so many different interests and finally came up with a plan that serves the diverse users of the park very well. I give him a tremendous amount of credit for that. He managed to reach a consensus and still achieve a design that maintained a high level of quality,” says Laura Cohen, who was the liaison from then-Mayor Bosley’s office to the Forest Park project.

Today, work on the park is proceeding rapidly, and Hoal is actively engaged in new urban design efforts: leading the Downtown Now! planning process; developing an exciting neighborhood design for Lafayette Square; working on Confluence Greenway, a nationally significant park and greenway system at the confluence of the Mississippi and Missouri rivers; even pursuing a Ph.D. in the philosophy of architecture at Washington University.

Hoal, who resumed his full-time teaching three years ago and left his part-time city post earlier this year, also continues as consultant to the Department of Parks for the fast-moving Forest Park project. “If we get all this done by 2004, it will be the most remarkable park reconstruction project in this country,” he says, with excitement. “When it is done, it should be a wonderful legacy for the community.”

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Candace O’Connor is a free-lance writer based in St. Louis, Missouri.

For more information on Forest Park, visit: stlouis.missouri.org/citygov/parks/forestpark/
By JEANNE ERDMANN

Chemistry Professor Karen Wooley runs her hand across a green plastic pillow filled with poly­styrene beads. The dry winter day charges the air with static electricity causing the beads that are stuck to the pillow lining to fall away under Wooley's moving hand. Although the world of polymer chemistry may seem impossibly complicated to most of us, Wooley shows students and visitors that even the concept of charged pieces of plastic can spark the imagination.

The goal of Professor Karen Wooley's research is to design and accurately manipulate materials for a number of very different applications.
Using the wellspring of her imagination, Professor Karen Wooley is researching new ways to use synthetic polymers. She and her research team are perfecting molecular carriers called "knedels" by hollowing out their interiors—designing them to deliver drugs or withdraw cholesterol from blood.
Wooley has found a way to make knedels appealing to cells. She attaches protein transduction domains (see sidebar on page 18), a special group of molecules that help bring knedels—along with any drug or gene that might be inside—directly into cells.

Yet Wooley's imagination stretches well beyond clever teaching aids. Rather than seek a comfortable niche, she prefers forging into new areas of science. First, she gathers data, thinks about a problem, and examines what she sees from different viewpoints—then she plunges forward, never looking back. Her innovative use of polymers—chains of identical molecules—keeps Wooley far ahead of even cutting-edge developments.

"I have this fear or drive or need to not be a follower," says Wooley. "When I see others joining the pack, I run in some other direction."

Wooley has been perfecting a synthetic polymer she created a few years ago. She calls these tiny particles "knedels" because they look like meat-filled Polish dumplings. Like their noodle counterparts, these microscopic particles have a core of one composition surrounded by an outer shell made of something else. Wooley and her team are hollowing out the core so it can eventually be used to deliver drugs. Knedels are the same size as proteins found in nature, and they share many of the same properties found in biological molecules. Although we may not find these knedels appetizing, Wooley has found a way to make them appealing to cells. She attaches protein transduction domains (see sidebar on page 18), a special group of molecules that help bring knedels—along with any drug or gene that might be inside—directly into cells. One day, scientists may be able to fill knedels with cancer-killing drugs or even leave them hollow so these tiny cages can scavenge cholesterol from the bloodstream or clean up an environmental hazard.

"The goal of my research team is to design and accurately manipulate materials for a number of very different applications. This is what excites me most about polymer chemistry research. This vision is what motivates me," says Wooley. "For example, slight changes in the chemistry can cause polymers to be fluid or rubbery or brittle. I see chemistry expertise as the ability to control matter at a fundamental level."
Edward E. Remsen (left), senior research scientist, and K. Shanmugananada Murthy, postdoctoral research associate, analyze dynamic light scattering data used to determine the molecular size of nanoparticles. Both are members of Professor Wooley's research team.

**Stabilizing Particles**

Assembling these tiny particles is similar to building a microscopic machine, but Wooley uses chemical building blocks in place of nuts and bolts. Connecting just the right molecules to make a chemical dumpling is a skill accomplished by many chemists. Holding these dumplings together is an achievement that Wooley alone pioneered. Her insightful experiments, says senior research scientist Edward Remsen, have stabilized the particles so they may be used in a variety of applications.

“Karen is receptive to new thinking and open to people with different experiences. She realizes that having a diverse group of thinkers around her is very stimulating. There are lots of ways to solve a problem. Sometimes you can look at it straight on or look at it from the opposite side. Karen looks at her science from many different angles. She has a broad vision because she sees the big picture and can focus on specific areas that have the greatest impact,” says Remsen, who has joined Wooley's research team after many years as an industrial chemist.

“She's a terrific person to work with.”

As dedicated as Wooley is to research, she is equally committed to teaching. She brings the same shake-it-up attitude to her classes by revamping course work and keeping her students away from the comfortable ruts she herself so mindfully avoids. Wooley also divides her time among a host of graduate students, whom she delights in mentoring. The feeling must be mutual as they have filled Wooley's office with gifts of pictures and statues, many from other continents. When students graduate and achieve success in their own right, Wooley couldn't be happier.

“One of the most exciting aspects of being a faculty member is taking first- or second-year students, giving them a project, and watching them grow and develop. It's like being a parent many times over. You become very connected to the students, and it's very rewarding,” says Wooley.

**Work First**

Wooley grew up in Oregon as, she says, the middle, rebellious child. From an early age, chemistry captivated her imagination. It's easy to imagine Wooley as a young girl with her head bent over a chemistry kit, but that never happened.

“My parents never bought me one. I think it was the deprivation that caused me to go into the field. They weren't science-oriented, and they might have thought I would cause some havoc,” she says. Two years of high school chemistry solidified an unwavering devotion to the field. After receiving her bachelor's of science degree in chemistry from Oregon State University and a doctorate in chemistry from Cornell University, she joined Washington University's Department of Chemistry in Arts & Sciences in 1993.

Joseph J.H. Ackerman, the William Greenleaf Eliot Professor of Chemistry and chair of the chemistry department, says Wooley's extraordinary drive together
with her ability to conceive new ideas have helped her reach a level of international recognition unusual for a young scientist. "Karen has been a terrific addition to the department. She leaps ahead while others take small steps," says Ackerman. "She is well on her way to becoming a major star in organic materials chemistry."

Indeed, a peek at her résumé shows an impressive list of Young Investigator awards and a slate of lecture invitations from meetings held all over the world. Wooley credits her success to very hard work and a bit of luck. Her drive, she says, comes from her father who worked as a millwright at a lumber company. He never went to high school or college, but he valued education and the opportunities that came from hard work—and he made certain that his children understood those values. Wooley and her two sisters did their homework and cut firewood.

"I still like to mow the grass, rake leaves, and cut trees. My favorite line is 'work first and play second.' I tell that to my three boys all of the time," says Wooley. "I have calluses on my hands."

Wooley never really needed that childhood chemistry kit because the world around her remains an inspiration. She still picks up seashells to see how they’re put together. "I'm pathetic to take on a field trip," she says.®

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For more information on Professor Karen Wooley's research, visit: wuwmr.wustl.edu/~wooley/index.html.

Special Delivery

School of Medicine scientists are working with proteins to get them into any cells so the proteins can go to work.

Scientists looking for new ways to treat cancer have tried for years to get proteins inside of cells. Proteins carry enough molecular information to destroy cancer cells, but they also are too large to slip through cell membranes. Steven Dowdy (left), assistant professor of pathology and immunology in the School of Medicine and a Howard Hughes Medical Institute assistant investigator, compares cells to a 2-story house with a tiny mail slot as the only point of entry. A letter—like many small molecule drugs under development—could slip easily through the slot but may not contain enough information to be really useful.

Dowdy devised a way, essentially, to take apart a computer, slip it through the mail slot—monitor and all—reassemble it on the inside, and then have it work. That computer, like many full-length proteins, would contain more information and power to fight disease than all of the information in a single "letter" could. Like the computer analogy, Dowdy and his colleagues first use a special chemical to unfold proteins. And then they attach so-called protein transduction domains (PTDs), which allow the protein to diffuse into any cell in the body. Once inside, the cell's own machinery refolds the protein so it can go to work.

"We don't know whether any of this will ever go into the clinic; this is very early data that works great in the lab," says Dowdy. "From an experimental point of view, this is an awesome technology. It's too early to say if and when we might go beyond that into potential clinical trials. We're on a two- to five-year plan here."
What do you picture when you hear the word ‘treasure’? A pirate chest half-buried in sand? A fairy-tale cavern littered with trinkets? Fort Knox?

For bibliophiles, a treasure might include books from the Arts & Crafts Movement, which flourished from the mid-19th to the early 20th century—one of the richest periods in the history of bookmaking. And unlike, say, Ali Baba’s mythical hideaway, these literary treasures may now be experienced firsthand at
The acquisition of the Triple Crown Collection lifts [the Libraries'] already strong holdings into a new dimension," Baker adds. "Faculty and students will profit from having this collection here, as will researchers around the world."

**Beginning a Movement**

The Arts & Crafts Movement began in the mid-1800s as a reaction against both the opulence of Victorian style and the often-shoddy quality of machine-made goods. Artists and writers like Walter Crane and John Ruskin, concerned that the Industrial Revolution was harming creativity and individualism, advocated a return to principles of simplicity, functionality, and craftsmanship.

William Morris (1834–1896)—the prolific designer and the movement’s most influential figure—applied this philosophy and his own considerable talents to the design of everything from furniture and wallpaper to stained glass, mosaics, tapestries, and, of course, books. Morris’ Kelmscott Press, between 1890 and his death in 1896, published 51 titles that employed such startling “innovations” as handmade papers, original typefaces, hand presses, and newer, blacker inks.
Morris inspired generations of printers and designers in England, Germany, and America. Chief among these were T. J. Cobden-Sanderson (1840–1922) and Emery Walker (1851–1933), whose austere Doves Press proved in many ways the Kelmscott’s successor, and C.H. St. John Hornby (1867–1946), whose Ashendene Press continued the Kelmscott tradition of fine workmanship.

Reflecting a Cultural Phenomenon

"What makes the Triple Crown so valuable—and such a wonderful teaching tool—is the way it allows you to observe the designers' decision-making process," explains Anne Posega, head of Special Collections, noting that scholars were not previously aware of the existence of many of its contents. (One scholar, Marianne Tidcombe, author of an exhaustive bibliography on the Doves Press, went so far as to delay her book’s production upon learning of the Triple Crown’s existence so that she could consult the collection.)

"For students of bookmaking or graphic design, it’s very instructive to be able to look at early page proofs and see someone like William Morris experimenting with typefaces or layouts," Posega continues. "You begin to understand why a designer might have changed this margin from an inch to an inch-and-a-half or that paragraph from six to seven lines."

She points to one of the collection’s highlights, Cobden-Sanderson’s The English Bible (1903–05), a five-volume set widely regarded as a masterpiece of the typographer’s art. Like all Doves publications, The English Bible contains no illustrations or decorations except for initial letters, here designed by calligrapher Edward Johnston and printed in bright red. Significantly, the Triple Crown set includes not just the printed volumes, but also an incredibly rare early proof of the opening to “Genesis,” in which Cobden-Sanderson has hand-lettered, in red ink, the phrase “IN THE BEGINNING.”

Other highlights include The Journal of Joseph Hornby (1894), from the Ashendene Press; Cobden-Sanderson’s first book, Tacitus’ Agricola (1900), in a one-of-a-kind binding designed for his wife and bearing her initials; Morris’ eight-volume set of The Earthly Paradise (1896–97), including a design for the title page in Morris’ hand; and what is thought to be one of the earliest proof-sheets using Morris’ Chaucer type.

Yet for all the impressive pieces, the Triple Crown’s true strength lies in the depth of the whole, and the glimpse it offers into the history of bookmaking, the history of publishing, and even the history of the Arts & Crafts Movement. As Richard Davis, professor of history and director of the Center for the History of Freedom, explains, the Triple Crown “represents a very important cultural phenomenon (and) insofar as it reflects the taste and attitudes of William Morris and his circle ... has social and political implications as well.”

Liam Otten is a senior news writer in WU’s Office of University Communications.

For more information, visit: library.wustl.edu/units/spec/rarebooks/triplecrown/.


Below: Milton’s Paradise Regain’d (Doves Press, 1906). Printed on vellum and bound in full pigskin over oak boards by James Brockman while he was at the Eddington Bindery.
WASHINGTON UNIVERSITY HAS BEEN AT THE FOREFRONT NATIONALLY IN DEVEl- OPING INNOVATIVE FINANCING PROGRAMS TO HELP PARENTS AND STUDENTS AFFORD THE BEST EDUCATION.

Kate Kelly (left), a first-year student in Arts & Sciences, and Rachel Goodman, a junior studying mathematics in Arts & Sciences, are two students whose parents participate in the Partners in Education with Parents (PEP) program.

Ryan Hornbeck of Ste. Genevieve, Missouri, is an Arts & Sciences sophomore. A pre-med student, Hornbeck takes his education seriously. He and his stepfather and mother, Ronald and Linda Armbruster, have chosen to take part in the Partners in Education with Parents (PEP) financing program at the University.

"This gives Ryan the opportunity to participate in the repayment of his education after he gets out of college," says Ronald Armbruster. "I am in the real estate business and am very specific about going over numbers so that Ryan understands them and feels good about the commit-
ment. In fact, his mother told me today that Ryan has it calculated out to how much each class hour costs—so he never misses a class."

Rachel Goodman is a junior in Arts & Sciences majoring in mathematics. Rachel’s parents, Roberta and Joel Goodman, from Carrollton, Texas, also participate in the PEP program—the assistance allows the Goodmans to send Rachel to the University.

“I teach piano, and those in the PEP office, especially Kathleen Ems [loan coordinator, Student Financial Services], were very nice in making special arrangements when my income temporarily dropped, especially when my piano students all went on summer vacations at the same time,” says Roberta Goodman. “And when we’ve had changes in financial aid, the University has renegotiated the loan each time, and always with good spirit.”

Helping make a family’s dream—of their child attending Washington University and receiving a high-quality undergraduate education—a reality is the goal of the Partners in Education with Parents program. PEP’s pioneering roster of personalized financing options includes a multi-year option, a new annual option, and a prepayment option. The financing is provided by Washington University.

With the PEP multi-year option, the borrower freezes up to four years of charges at the first-year rate, which helps protect a family from cost increases in future years. The interest rate on the loan is fixed, and the borrower has 10 years to repay. Furthermore, there are no origination or other hidden fees. The PEP annual option allows parents to borrow the cost of tuition, fees, room, and board one year at a time. This loan program fixes the rate of interest at more than a full percentage point less than the federal variable rate, and there is also a 10-year repayment period. And with the PEP prepayment option, parents can freeze up to four years of charges at the first-year rate by prepaying the entire amount or by combining a partial prepayment with a borrowing plan.

Walter Kelly of Englewood, Colorado, is another parent working with the University to finance his child’s education; the PEP program allows him to send his daughter, Kate, a first-year student in Arts & Sciences, to WU with less strain on family finances.

“I selected the multi-year option, and this allows me not to have to use all of my capital,” says Walter Kelly. “Higher education is a big-ticket item, and, unfortunately, I did not qualify for any assistance. It looked to me as if this [multi-year option] was a really great deal.”

NAME THAT Scholar

In the scholars-in-the-schools program, many generous donors help Washington University students afford the best education by sponsoring named scholarships.

For Caitlin Sweeney (right), a senior biomedical engineering major, a named scholarship has helped her afford a Washington University education.

“I am very relieved to have it [the Robert L. Mullenger Scholarship]. … It has enabled me to seek other opportunities and to pursue engineering at Washington University,” says Sweeney. “And it has inspired me to do the same [sponsor a scholarship] once I am in the right financial position when I get older.”

During the 1999-2000 academic year, 1,444 Washington University students received named scholarships. The scholars-in-the-schools program started some 27 years ago in the School of Engineering & Applied Science and is now a component of all eight schools at the University. In this program, individuals, companies, and other organizations sponsor promising students who want a high-quality WU education. Each year, students not only receive financial assistance, most have the opportunity to meet their sponsors at annual scholarship dinners. Many students also stay connected with their sponsors throughout the year via e-mail communication and phone calls.

Sweeney, of St. Charles, Missouri, has had Robert Mullenger, a product manager for Industria Solutions, Inc., as a scholarship sponsor for the last three years.

“Mr. Mullenger is a really wonderful guy; he comes all the way from San Francisco for one day, just for the scholarship dinner,” says Sweeney. “It’s really nice to sit down and talk to him. Also it’s nice to have the opportunity to e-mail him and ask him questions about his engineering discipline.”

Mullenger, B.S.E.E. ’89, was inspired to sponsor a scholarship—like many donors—because he had received a named scholarship while a student

continued on page 24
Robert Mullenger, B.S.E.E. '89, product manager for Industria Solutions, Inc., was inspired to sponsor a scholarship because he had received a named scholarship while a student at WU.

Attending Washington University. Studying electrical engineering, Mullenger received the James B. Eads Memorial Scholarship, sponsored by McCarthy Construction Company.

"The Eads scholarship introduced me to the concept of named scholarships and to the concept of donor-student interaction," says Mullenger. "I learned a lot about the work that McCarthy had done and about its relationship with the University. Tim McCarthy was an example of an engineer who had gone on to run a successful company and was a role model for me regarding what was possible.

"The scholarship was important from a financial standpoint, but the relationship dimension gave me a lot more. That's what convinced me that it is a great way to contribute," he continues. "It is one thing to give your money; it is another to give your time. The scholarship program allows you to do both—it allows you to give your time to the people who are benefiting from the money."

And Sweeney appreciates both the time given her by Mullenger and the financial assistance. "I am very lucky to have the scholarship," she says. "I remember taking a senior tour when I was in high school, and once I walked onto campus, I knew this is where I wanted to be—it's such a beautiful campus. Also, a lot of other schools didn't offer biomedical engineering, and I knew that that was what I wanted to study."

Washington University has been at the forefront of creating innovative financing options for families. In 1978, the University created the Tuition Stabilization Plan (TSP), which was the first of its kind in the country and is still a model for other plans. TSP's essential feature was allowing parents to pay upfront for all four years of undergraduate tuition, at the first-year tuition rate. In 1986, the University transformed TSP into the Cost Stabilization Plan (CSP), which also allowed for borrowing the cost of room and board and made the plan available to those receiving financial aid. The financing program was renamed the Cost Advantage Plan (CAP) in 1991. Last year, the University repackaged the program into Partners in Education with Parents (PEP).

The best part of PEP, however, is that Washington University is the lender, and parents have the convenience of dealing directly with knowledgeable, caring professionals in the University's Office of Student Financial Services.

Bill Witbrodt, director of Student Financial Services, speaks to the program's specialness. "Parents would have a difficult time finding a financing product that has as low an interest rate as ours. Another attractive feature is that there are no other fees connected with this loan," he says. "Furthermore, over the life of the loan, the parent contact is with Washington University, so we're able to work closely with parents. We have the flexibility to help the parents if unexpected financial situations and challenges occur."

Ben Sandler, special assistant to the chancellor, says that the PEP program completes the opportunities for helping parents that started in 1978 with the Tuition Stabilization Plan.

"An element that was missing from the previous plans was the opportunity to borrow one year at a time with a low, fixed interest rate," says Sandler. "Some banks allow parents to borrow one year at a time, but not with the same advantages offered by the University. No bank—and no other college or university that we know of—provides this opportunity at an interest rate that's as low as ours, that's fixed, and that charges no fees. This program sets us apart."

The PEP program came about through the efforts of many people at the University, from those in the offices of Admissions, Financial Planning, Student Financial Services, and the Treasury. Amy Kweskin, treasurer, is part of the team that helps set the loan's interest rate, as well as reviews the entire program on an annual basis to see how the program is doing from a financial and marketing perspective. She says, "Internally, there was a great team effort to put together this program, and externally, it shows the University's commitment to parents and students—that it is possible to afford the best education."

Connie Kraus, assistant treasurer, helped coordinate the development of the product—including teaching, along with Ems and Kweskin, WU employees about the new annual option. Kraus says the new program shows that the University is always willing to adjust its financing options to meet the needs of parents.

And this willingness helps parents and students—like Rachel Goodman, Ryan Hornbeck, and Kate Kelly—afford a premier education.

Roberta Goodman says, "Rachel only wanted to go to Washington U.; it was the only place she applied ... and we wouldn't have been able to do it otherwise."

Teresa A. Nappier is the editor of this magazine.

For more information on Partners in Education with Parents, please visit: aisweb.wustl.edu/fs/home.nsf/pages/pepinfo. Or e-mail the Office of Student Financial Services: financial@wustl.edu.
A Scientist and a Lawyer

BY JUDY H. WATTS

Crossing borders comes naturally to Edwin Flores Troy. A citizen of both Mexico and the United States, Flores first earned a Ph.D. in molecular immunobiology from the Washington University School of Medicine before entering law school. He now works in the middle of the complex world of intellectual property as it pertains to biotechnology.
hat intellectual-property attorney Edwin S. Flores Troy relishes his bicultural upbringing is patently true. Born in Mexico City 34 years ago to an American mother and a Mexican father (who was the first Mexican citizen to have a Ph.D. in nuclear physics), the lawyer and trained scientist has been finding and fusing dualities all his life. The results are remarkable.

"Since the first day I remember," says Flores of his two-culture childhood, "I spoke English to my mom and Spanish to my dad, but ours was essentially an English-speaking home." Explaining that a person cannot truly perceive a society without knowing its language, Flores says: "My wife, Jesica, is from Mexico, too, and is half-and-half like me. We’re doing the inverse—raising our daughters in a Spanish-speaking home in the United States. Marisa, who is 1, is not really talking yet, but Cristina, our 3-1/2-year-old, is fluent in both languages.

"I can be an example to my family," says Flores, who is a citizen of both Mexico and the United States. "I can demonstrate the benefit one derives from being not only bilingual but, as a result, bicultural as well. Certainly there are ways in which both of my cultures are extremely intolerant. I’ve heard people of both my countries say things I thought were completely out of line. But understanding and experiencing the differences in people has given me a heightened awareness that I have choices about the way I am and about everything I do. And the same will be true for my daughters."

Many of Flores’ choices are driven by his passion for complexity and challenge. As an undergraduate at the University of Texas at Austin, he signed up for an advanced course in immunology and reveled in the ensuing contest. "I struggled greatly in that class—and that’s what appealed to me about the subject!"

Flores prevailed, of course, and ultimately applied to and was accepted by a raft of graduate schools with “great immunology programs.” When he asked a Caltech-trained professor at UT–Austin which one he ought to pick, “she didn’t even hesitate” before recommending Washington University’s School of Medicine. Indeed, the names of WU professors had been leaping from his textbook: “Emil Unanue (Mallinckrodt Professor of Pathology and Immunology, and head of the Department of Pathology and Immunology); Robert Schreiber (Alumni Professor of Pathology and Immunology); Paul Allen (Robert L. Kroc Professor of Pathology); Judith Kapp; Dennis Loh; Stanley Korsmeyer (former professor of internal medicine and pathology)—it was just a who’s who of immunologists.”

As a Ph.D. student with the late Matthew L. Thomas, Flores cloned, expressed, localized, and described the biochemistry of novel anti-cancer-causing genes, and published five scientific papers in the journals Molecular and Cellular Biology, Chemical Immunology, Progress in Immunology, and Immunogenetics. Then, halfway through this “very, very challenging” work, he began to consider “an even greater challenge”: working at the intersection of science and law as an intellectual-property attorney.
In 1993, the fully credentialed molecular immunobiologist became a scientific adviser with the law firm Arnold, White & Durkee, in Austin. The next year he enrolled at the University of Texas School of Law, where he was chief articles editor of the Texas Intellectual Property Law Journal and president of the Texas Intellectual Property Law Society before earning the J.D. degree in 1996. Perhaps because he was accustomed to encompassing two cultural worlds, Flores had no difficulty "understanding two completely different ways of thinking"—like a scientist and like a lawyer—in his new field.

All forms of intellectual property—products of the mind that are actualized in some tangible form or in a methodology, composition, or process, plus the goodwill that comes from the use of a product or service—are very real assets, Flores explains. The intangible property exists for varying lengths of time as trade secrets that are valuable because they provide a competitive advantage in the marketplace. But because intellectual property must be publicly disclosed to be used, one of three legal safeguards protect it when it is no longer secret: a patent, which accounts for 80 percent of intellectual-property law; a trademark; or a copyright.

Rapid advances in science and technology mean that a rising sea of work is teeming with new and highly sophisticated issues to be considered during patent negotiation and writing, litigation, and more. Flores helps take discoveries to the marketplace in areas ranging from molecular biology, biological screening assays, and bioinformatics, to software and semiconductor processing and packaging, and with products that include proteins for vaccines, anti-cancer drugs, molecules that interfere with enzyme action, and DNA units that transfer genetic material between cells. Current clients include the University of Texas system, Baylor College of Medicine, Pharmacia, SP Pharmaceuticals, and clients in Mexico and Venezuela.

Each week Flores receives calls from headhunters offering jobs in established companies, start-up firms, and large pharmaceutical houses from Boston to the San Diego–Palo Alto (California) research triangle. But for now, at least, he is in exactly the position he wants, at Dallas-based Gardere Wynne Sewell LLP. When he was still in law school, he explains, he sought a place to build a practice without working under a senior attorney in the same area. The arrangement was highly unusual at entry level, but a small intellectual-property boutique, Warren & Perez, met his terms—and later merged with the medium-sized firm where he is today.

On top of his sweeping professional responsibilities, Flores satisfies his intellectual curiosity and serves his peers by publishing legal papers about "interesting questions that haven’t been answered" or about gaps he spots in the law. Issues he has explored in his crystalline prose include the Genetic Privacy Act; practitioners' and clients' options before and after peer review; practicing law before the U.S. Patent and Trademark Office; and patent prosecution in Mexico. ("You know, we might learn from it," he says.)

"I'm having a great time," he says happily. "It's a wonderful era in which to be a patent attorney. And my pedigree, in a sense, is everything. Attending Washington University School of Medicine was invaluable. I collaborated with labs in every discipline. Students not only receive a superb education and the strongest possible faculty support, they have access to the best equipment and finest investigators in the world. They have the critical mass. Even the outside speakers—all major names in their fields—who were part of our regular weekly immunology speakers program met with students for at least a couple of hours.

"I have benefited so much from my experience there," Flores says. "It was just such a great exposure to science."
John Green and
Lisa Sharkey Gleicher,
Good Morning America
From morning to night, Washington University graduates help bring you the news at ABC. Here is a glimpse at three Arts & Sciences alumni.

Name a major world event in the last 10 years and odds are a Washington University alum was there orchestrating news coverage. Princess Diana's death. The Columbine tragedy. And, of course, the seemingly endless presidential election of 2000.

Of these alumni, John Green, Lisa Sharkey Gleicher, and Ann Sorkowitz work at ABC News as top-tier producers for Good Morning America and PrimeTime Thursday. They have the adrenaline-pumping, behind-the-scenes job of making sure all the details, from the facts to the lighting, are set before the cameras roll.

Their jobs—sometimes glamorous, always challenging—let them watch the world's events unfold every day. It's like having a front seat to history.

Wake-Up Call

John Green, A.B. '90, is the producer whose phone rings in the middle of the night when a disaster strikes. Hurricanes. Earthquakes. When word spread of Princess Diana's death, it was Green who took the next flight to Paris.
Reporting those kinds of stories makes you feel that you're doing the right thing.”
—JOHN GREEN

As a supervising producer at Good Morning America (GMA), Green is the on­site manager; the person who makes sure the crews, cameras, and editorial information are ready by air time. His job has taken him to every state and around the world—numerous times. He’s arranged interviews with world dignitaries and international stars. Still, his favorite stories to produce are those that involve real people, because they have the power to change lives.

One of the most powerful stories he has produced involved a Wisconsin mother battling stage IV breast cancer. Pregnant at the time, the woman opted to wait until the baby was born to undergo treatment. But waiting meant that her only option would be an experimental therapy that her HMO refused to cover despite the fact doctors said it would save her life. The clincher, though, was that if she had lived 10 miles away in Illinois, the state would have mandated coverage.

The public responded with offers of help and money. In the end, the woman got treatment and beat the cancer.

“Reporting those kinds of stories makes you feel that you’re doing the right thing,” he says.

Green has been on the GMA staff for seven years now. It was talent—and a bit of perseverance—that landed him the job. After graduating from WU, Green pursued his master’s in international communications at Boston University. He was working at ABC’s Boston affiliate when he began campaigning for a job at GMA. Every six or seven months he would send a letter and tape highlighting his recent work; executives took notice and hired him. Several times, his GMA job has taken him home to St. Louis, where he graduated from John Burroughs High. Most recently, he was the supervising producer for the 2000 presidential debate held at Washington University.

“Going back for that was fun,” he says.

Airing the Best

As the coordinating producer of Good Morning America, Lisa Sharkey Gleicher, A.B. ’80, supervises the show’s team of on-air correspondents. “I work with the best and brightest the world of journalism has to offer,” she says.

The show is home to about 25 such contributors—physicians, political analysts, ethicists, and lifestyle gurus—who keep the show moving.
Sharkey helps brainstorm ideas, plan segments, and clear any legal hurdles a story might present.

“My job’s all about helping GMA’s family of correspondents get on air with the best story they can,” she says.

Her biggest challenge is figuring out how to best inspire the contributors. Sharkey tries to create stories that complement each correspondent's strengths. For example, she developed the “Ask George” segments, the mini-town-hall meetings where George Stephanopoulos fields viewers’ questions. He shines in a casual setting where he’s challenged to think on his feet, she says.

Sharkey thinks of her job as trying to develop that “one story that will really get people talking around the water cooler.” When the show decided to produce a segment on morning madness, Sharkey took it one step further by helping the parenting contributor team give a family a morning makeover. Experts offered real advice to real problems.

Sharkey’s path to GMA began at KETC, St. Louis’ public television station. A New York native, Sharkey majored in comparative arts so when it came time to launch a career, she was open to options. She worked for a show called St. Louis Skyline, producing vignettes on cultural affairs in the city. From there, she moved to New York, where she worked for local news broadcast and eventually landed a writing job at CBS. Along the way, she’s produced talk shows, nightly newscasts, and breaking stories. She joined the GMA cast in July 2000.

“My job’s all about helping GMA’s family of correspondents get on air with the best story they can.”

—LISA SHARKEY GLEICHER

When she’s not busy scripting the world’s headlines, Sharkey is at home with her architect husband, Paul Gleicher, and their three children, two boys and a girl who are 10, 8, and 1.

“I have an important and wonderful job at Good Morning America,” she says. “But still, the most important and wonderful job I have is raising our kids.”

—ANN SORKOWITZ

Ready for Prime Time

When PrimeTime Thursday exposes fraud, Ann Sorkowitz, A.B. ’70, is behind the scenes. As the producer for Diane Sawyer, Sorkowitz develops investigative pieces for the network’s biggest name.

“It’s a great mix for me, using research, writing, and visual skills,” she says. “Plus we’re doing something worthwhile.”

The stories Sorkowitz produces are hard-hitting and complicated. For example, she was charged with setting up a phony telemarketing company in Las Vegas, so the show could catch the con artists.

“We were able to expose these people who were taking the life savings of vulnerable elderly people,” she says. “It was eye-opening and unsettling to watch them. The show was quite successful; the FBI prosecuted the criminals on the basis of our broadcast.”

Sorkowitz spends a good deal of time finding original stories that are worth the network’s investment and Sawyer’s time.

In another instance, Sorkowitz uncovered fraud in the jewelry business. Her team had heard that when people brought their jewels in for repair, jewelry shops were switching diamonds for lower-quality diamonds or fakes. Sorkowitz had a top-line diamond imprinted with a laser that was invisible to the naked eye. Sure enough, when she brought it in for repair, one upscale jeweler had switched the diamond.

“The segment was particularly helpful because we showed the viewers how to prevent the fraud from happening to them,” she says.

A New York native, Sorkowitz went to WU because it met her very narrow criteria at the time. “I wanted a mid-sized school in a big city that wasn’t on the East Coast,” she says, “and I loved going to school there.”

A political science major, she started out working in hard news at CBS after a college friend helped her land an interview. From an entry-level job, she was promoted to writing stories on government and world events. She stayed at CBS News for 19 years before moving to ABC about seven years ago. The jump from the nightly news broadcast to a news magazine was a logical one, says Sorkowitz.

“It was still hard news, but it gave me a chance to work on more in-depth stories,” she says.

Nancy Mays is a free-lance writer based in Lenexa, Kansas.
Discovering Possibilities

Harry Seigle—chairman of Seigle's Building Centers, Inc., and civic volunteer—credits his Arts & Sciences education with providing him a firm foundation on which to build a successful life.

October 1964, St. Louis. A Washington University freshman lies on his bed in K Dorm, listening to the World Series—Cards vs. Yanks—on his clock radio from home. It is the only familiar object in the room, the only vestige of his life in Elgin, Illinois, a sweet little town 40 miles northwest of Chicago.

His parents have just left after a weekend visit with their firstborn son. He didn't tell them that he is at death's door in English 100 (Composition). The instructor is merciless: "You're going to get it right, or you're going to leave!" Two papers a week, week after week. In addition, any "C" paper must be rewritten, over and over, until it's a "B" paper. Washington University is an ivy-covered boot camp!

Whose idea was it, anyway, that he should go to such a hard school! Far away, Ken Boyer hits a grand-slam homer, giving the Cardinals a one-run lead they'll keep.

Harry Seigle, A.B. '68, sighs, turns over, and buries his head in his pillow.

Of course, he's the one who chose Washington University. He could shape up academically there, the campus is beautiful, and it is not too far from home, but far enough.

Thirty-six years later, Seigle, now chairman of Elgin-based, family-owned Seigle's Building Centers, Inc., one of the nation's top 50 building materials suppliers, recalls:

"It took a while, but Washington University awakened me to the discovery—and 'discovery' is the key word here—that I could learn more! My horizons broadened."

"It took a while, but Washington University awakened me to the discovery—and 'discovery' is the key word here—that I could learn more! My horizons broadened."

Harry says. "I said, 'My gosh, it's a big business, Dad!'"

1974—present, Elgin. Harry moves back to Elgin, plunges into work at Seigle's and life in the community. He marries Susan Gilbert and has three sons: Ben, Max (A.B. '00), and Joe ('05). He is twice elected to the Elgin Community College board of trustees and chairs it during a major campus expansion; heads the Elgin United Way; leads support for the Elgin Community Crisis...
SheJter—one of Illinois' oldest and largest family shelters; is active with Chicago's Jewish United Fund; serves on the board of the renowned Victory Gardens Theater; and becomes a marathon runner.

Harry explains: "It's common, I think, with Arts & Sciences alums that—while they may have become building supply merchants or engineers or specialized physicians—they're the ones who always seem to be active in the local symphony, the school board, or their churches. Their discoveries [in Arts & Sciences] have awakened them to a world bigger than their everyday existence."

2000, Elgin. Seigle's Building Centers, Inc.—with more than 700 employees and $190+ million in annual sales—serves Chicagoland homebuilders, remodelers, and contractors via five building-supply centers; two door assembly plants (Illinois' largest); a regional cabinetry distribution center; a wall-panel, roof, and floor-truss manufacturing plant (building for over 30 homes per day); and two showroom stores featuring cabinetry and millwork.


Meanwhile. Harry's also a dedicated WU volunteer and supporter.

He serves on the Arts & Sciences National Council and its Capital Resources Committee, chairs the Chicago Regional Cabinet, recruits for both Admissions and the William Greenleaf Eliot Society, supports—with pleasure—the Scholars in Arts & Sciences program, endows the Seigle Seminar in American Culture Studies in Arts & Sciences, becomes a Life Fellow of the Eliot Society.

"I'll tell you why," he says. "Washington University is part of my character. So it makes sense to give back. "It’s also because the characteristic that really distinguishes Washington University is its unity of purpose: to raise the posture and character of the University to the highest possible level on a world basis."

"I've observed that all the key constituencies—administration, students, faculty, and community—are unified in this purpose. The whole notion of cross-disciplinary studies elsewhere is usually a study in conflict management. At Washington U., there's an eagerness to mix the disciplines."

"So I find it's easy to serve on the National Council—it's not conflict-ridden. Sensing the unified purpose, you clearly understand why you're there."

"Alumni have so many things competing for their time, their attention, their money. It troubles me that our alums may think that since [WU] is a Cadillac institution they don't need to worry about it. My answer: It's part of your pedigree, it helped you; whether you're a school teacher or a thoracic surgeon, whether you can afford a dollar or a million, you've got to give something back as others did before you. We have to support the University in its mission of passing along civilization to those who will follow us."

"The reason I get excited over Washington University is: This is how you should run a major research and teaching university. It's how you should run a business! And what measure of customer satisfaction is more compelling than widespread voluntary alumni giving? What does that say to you about a school?"

-M. M. Costantin
Jamie Cannon, B.Arch. '60, FAIA, founder of Jamie Cannon Associates, Architects and Planners. Long involved in downtown St. Louis' redevelopment, he also is a dedicated alumnus of the School of Architecture. He serves on the School's National Council and co-chairs the Campaign for the School Council and co-chairs the School's National Council. He received the School's 1994 Alumni Achievement Award.

Ned Lemkemeier, J.D. '62, a partner in the international law firm, Bryan Cave LLP. Active in the St. Louis community and an advocate of community service, he has also served WU well— as Alumni Board of Governors chair, vice chair for the School of Law's Building for a New Century campaign, and a member of the law school's National Council. He received a Distinguished Alumni Award from the School in 1994.

Allan H. Rappaport, M.D. '72, a physician, attorney, entrepreneur, and founder and chair of National Emergency Services (NES), one of the nation's largest physician-owned, multispecialty health-care contract management firms. Recognized as a major influence in the revolution of emergency-room care, he also founded eDoctorUSA.com, which delivers medical services via the Internet. A School of Medicine National Council member, he sponsored the 1996 Rappaport Reunion Challenge to increase medical school alumni membership in the William Greenleaf Eliot Society.

Bradley Siegel, A.B. '79, head of the Turner Broadcasting System, the largest network of entertainment, media, and Internet communications in the world. He began his career while still at the University, serving as a booking agent for performers. Past leadership positions include vice president of programming and production for American Movie Classics and executive vice president of TNT, where he launched Turner Classic Movies. A member of the Eliot Society, he serves on the Arts & Sciences National Council.

Receiving Distinguished Faculty Awards were:

John N. Drobak, professor of law at the School of Law and professor of economics in Arts & Sciences, and a widely published expert on economic regulation and the law's relevance to economic growth.

Eliot Society, he has been honored with several major awards at Washington University, including a Distinguished Alumni Award in 1997 and an Honorary Doctorate of Humane Letters in 1998. A letterman in basketball and track, he was inducted into the Washington University Bears Sports Hall of Fame in 1999. He and his wife are Life Danforth Circle members of the Eliot Society.

Robert Brookings Smith, a descendant of Robert S. Brookings, who
continues the tradition of his ancestors: giving generously to local institutions that advance the environment, the arts, and education. In addition to his career in investment banking, he served as a director for a variety of firms and nonprofit organizations. During the 1950s and 1960s, he helped lead the charge for the eradication of smog from downtown St. Louis. He has served on the board of trustees for the family-named think-tank, the Brookings Institution in Washington, D.C., for nearly a half-century and remains the sole family member associated with the institution.

He supports a number of civic, educational, and charitable causes, including Washington University scholarships, visual and performing arts programs, and neurological research. He is a University emeritus trustee, and he and his wife are Life Eliot Patrons of the Eliot Society.

School of Social Work Presents Annual Awards

The 2000 Distinguished Alumni Award recipients were:

Anthony Jenkins, M.S.W. ’63, a prominent leader in the field of children and family services. He worked for the Illinois Department of Children and Family Services for more than 30 years, retiring as regional administrator of the Southern region. He has served on GWB’s Dean’s Advisory Council and the Alumni Association board of directors.

Ralph J. Koeppe, B.S.W. ’51, M.S.W. ’53, an early pioneer in the racial integration of neighborhood groups and executive director of Kingdom House in St. Louis until his retirement in 1978. Kingdom House offers neighborhood services and provides various programs for people in need. He died on February 11, 2000, at the age of 87.

Nazneen S. Mayadas, D.S.W. ’70, professor of social work at the University of Texas at Arlington. Her most recent book is International Handbook on Social Work Theory and Practice. She serves on the National Association of Social Workers, the Council of Social Work Education, and the Inter-University Consortium for International Social Development.

Stephen Rabinowitz, M.S.W. ’81, deputy director of the New York State Office of Mental Health’s Manhattan Psychiatric Center, which serves more than 1,000 clients. He is charged with developing new programs for the mentally ill, improving the quality of services, integrating services with local managed-care networks, and improving the center’s general rehabilitation philosophy.

Linda Rosenman, Ph.D. ’76, professor of social work and executive dean of the Faculty of Social and Behavioral Sciences at the University of Queensland, Australia. She directs the schools of psychology, education, and social work and social policy, and oversees programs in political science and international relations, anthropology, archaeology, sociology, and journalism and communications.

Awarded the 2000 Dean’s Medal for his exceptional dedication and service to GWB was E.E. Millstone, B.S. ’27, St. Louis philanthropist and civic leader. Founder of Millstone Construction Co., he is president of the Millstone Foundation, which benefits local charities. He is a lifetime University trustee, serves on the School of Architecture National Council, and has made numerous generous contributions to the University, including a $1.2 million commitment in 1997 to support 60 annual scholarships in the social work and architecture schools, College of Arts & Sciences, and the School of Engineering & Applied Science.

Honored with the 2000 Distinguished Faculty Award was:

Martha N. Ozawa, the Bettie Bofinger Brown Professor of Social Policy. She has spent three decades studying America’s public assistance network, including studies on Medicaid, Social Security, and other social welfare programs for older adults, women, and children. She has published in leading academic journals and written three books on social issues in the United States and Japan.

Witherspoon Receives Dental Alumni Association Award

Rex Witherspoon, D.D.S. ’46, received the 2000 Distinguished Alumni Award at the School of Dental Medicine Alumni Association’s annual awards banquet, held on February 23 at the Frontenac Hilton Hotel, St. Louis. He was recognized for his many contributions to dentistry and to his community.

Past president of the Midwestern Society of Oral and Maxillofacial Surgeons, the Missouri Society of Oral and Maxillofacial Surgeons, and the Springfield District Dental Society, he has maintained a dental practice in Springfield, Missouri, for almost 50 years. He served as editor of the Missouri Dental Association journal for 10 years and received the 1984 Missouri Dentist of the Year Award.

He is a fellow of the American Association of Oral and Maxillofacial Surgeons, the American College of Dentists, and the International Society of Oral and Maxillofacial Surgeons.

From 1997 to 2000, he served as team leader on medical missions to Nicaragua, where he and his group provided dental health care to as many as 500 patients a day.

For information, contact the "Passport to Knowledge" travel office at 800-247-8517 or 314-935-5279; e-mail: travel@aismail.wustl.edu; Web site: alumni.wustl.edu. Click on "Travel."
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
- BU: Business
- DE: Dentistry
- EN: Engineering
- FA: Fine Arts
- GA: Grad. Architecture
- GB: Grad. Business
- GD: Grad. Dentistry
- GF: Grad. Fine Arts
- GL: Grad. Law
- GM: Grad. Medicine
- GN: Grad. Nursing
- GR: Grad. Arts & Sciences
- HA: Health Care Admin.
- HS: House Staff
- LA: Arts & Sciences
- LW: Law
- MD: Medicine
- MT: Manual Training
- NU: Nursing
- OT: Occupa. Therapy
- PT: Physical Therapy
- SI: Sever Institute
- SW: Social Work
- TI: Tech. & Info. Mgmt.
- UC: University College
- GD: Dentistry
- GF: Fine Arts
- GL: Law
- GM: Medicine
- GN: Nursing
- GR: Arts & Sciences
- HA: Health Care
- HS: House Staff
- LA: Arts & Sciences
- LW: Law
- MD: Medicine
- MT: Manual Training
- NU: Nursing
- OT: Occupa. Therapy
- PT: Physical Therapy
- SI: Sever Institute
- SW: Social Work
- TI: Tech. & Info. Mgmt.
- UC: University College

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**Mark E. Mason**, LA 51, received the Leukemia & Lymphoma Society's 2000 Spiral of Life Award during the Society's National Annual Leadership Conference held in Indianapolis.

**Alexander M. Haw**, LA 52, retired Oct. 1, 2000, after 40 years as a partner with the Waco, Texas, firm of Nissan, Howell, Smith & Lee. He served 3-1/2 years as a navigator/bombardier in the U.S. Air Force and graduated in 1960 from Baylor University School of Law.

**Manny Hillman**, GR 53, published two books in August 2000. One is an illustrated book for children called A Nest of Bullets (www.maval.com), and the other is a collection of short stories called Travel Tales (www.xlibris.com).

**Joyce Prachter Nuxon**, LA 53, is president of the Lake St. Louis Historical Society, serves on the Lake St. Louis Park Board Community Association and the Lakes and Parks Board Pontooneers Committee, and is a member of several social clubs.

**Corinne "Candy" Huston**, NU 54, a registered nurse living in Marshall, Mo., corresponded with Michael E. Debailey, a world-famous heart surgeon whom she assisted years ago in a number of surgical procedures when she was an instructor at Methodist Hospital in Houston. Among other things, Debailey updated her on a new procedure that she had inquired about—a miniature implantable axial flow ventricular assist device.

**Martin Tessler**, LA 50, an insurance executive, attended summer school as part of the "Oxford Experience," a one-week course at Oxford University in England.

**Thomas L. Pulliam III**, EN 54, has been very active volunteering his time since retiring from McDonnell Douglas in St. Louis in 1995, where he was a department head in the Engineering Laboratories. Earlier in 2000, he was nominated as a KSDK Channel 5 Volunteer of the Year for his activities. These include being a handyman at the local Ronald McDonald House, working at OASIS at Bayless Elementary School, making copies and laminating at Bierbaum Elementary School, and being property chairman at his church. He was interviewed on a local cable channel and featured in a monthly seniors magazine concerning his volunteering. He also judges science fairs and invention conventions for the schools where he volunteers.


**Franklin S. Sax**, EN 55, GB 61, teaches Hebrew and coaches B'nai Mitvah at Tucson Hebrew Academy. He coproduced the musical and Hebrew content of a book in publication, Chanting the Hebrew Bible. He has two granddaughters and a grandson.

**Patricia Melechen**, OT 56, has been an active participant in the Lifelong Learning Institute since it began. She plans to co-facilitate an introductory mental health course for LLI's 2001 spring term.

**John Nehgen**, LA 56, retired in 1998 from Eureka College in Illinois and is tutoring at Heartland Community College.

**Jerry (Jerro1d) Meyers**, AR 57, writes that throughout the years of living on the West Coast, in fact and now on the East Coast, he consistently has had great memories of WU. He and his wife, Karen (who grew up in Hawaii and attended the Punahou School), have been married for 42 years. They reside near Valley Forge on the main line going west of Philadelphia, where they have retired, and have two children and two grandchildren living near them. They are pursuing many activities, including visiting with their friends overseas. They are "looking forward to hearing from each and every one of you!"

**Anne Scholz Allen-Hacker**, PT 58, is licensed in both nursing and physical therapy to practice in New Orleans, Florida.

**Wayne F. Schlosser**, FA 58, was named Rotarian of the Year by the 100-member Rotary Club of St. Clair County (West), Illinois. He is a past president of the club and the club's president on its board of directors and is chairman of several key district Rotary committees. He has been a member of the Belleville Chamber of Commerce for 37 years and is a past chairman of its Ambassadors Club.

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**Glen E. Stuckel**, EN 60, a Kentucky building and remodeling contractor, was named "Louisville Remodeler of the Year 2000" by the Louisville Chapter of the Builders Association of Louisville.

**Harold L. Whitfield**, BU 60, LW 66, of Kirkwood, Mo., was inducted as a Fellow of the International Academy of Trial Lawyers (IATL). Membership in the academy, which is by invitation only, is limited to 500 trial lawyers from the United States and includes fellows from more than 30 countries throughout the world. He is one of only five African-American lawyers in the IATL.

**Dr. Melvin L. Franzel Jr.,** EN 61, SI 62, was elected president of the American Society of Civil Engineers. He is also a member of WU's School of Engineering & Applied Science Alumni Association.

**Susan Grossman Alexander**, LA 63, returned to teaching at Northwestern University School of Law in Chicago. She teaches the courses in communication and legal reasoning. She writes that her adored husband, Herb Alexander, died in 1999.

**Jo Malin**, LA 64, is a program director for honors programs for the State University of New York at Binghamton.

**Paul M. Fleetwood**, UC 65, and his wife, Shirley, are happily married and retired in the beautiful Ozark foothills near the Current River. They have 11 grandchildren scattered around the world, including four in Idaho. They are very involved in community affairs and church life. Prior to retiring in 1987, Paul spent nearly 40 years at McDonnell Douglas. When he retired, he was chief engineer of the instrumentation and automated systems branch. "Go WU!" E-mail: fleetwood@semo.net.

**John Reardon**, GB 65, returned to his career as a management information systems consultant, part time, after failing to get a job teaching college.

**Ed Sacks**, LA 66, received a 2000 National Press Practices award from HUD for "outstanding achievement" for his work in promoting mediation in fair housing disputes. He was awarded his sixth grant from the city of Chicago to provide mediation, mediation training, and conflict-management training for housing-relief organizations. He was appointed as an external mediator for the U.S. Equal Employment Opportunity
Commission and the Cook County Commission on Human Rights. His columns on renting and landlord-tenant relations can be found every week at suntimes.com and brasingncampus.com. He also maintains an active dispute resolution practice through his firm, Resolve-It! Mediation Service, in Chicago.

George Schillinger, SI 65, general manager of the American Bottoms Wastewater Treatment Facility in Saugatuck, Ill., received the prestigious Philip F. Morgan Medal from the Water Environment Federation on Oct. 17, 2000.

Dennison Staub, GR 65, retired from teaching and coaching after 40 years—38 in high school and two at WU, but he rejoined the WU football staff in 2000 as a wide receiver coach. He is the proud grandpa of 2-year-old Carley.

Terri Goldberg Paul, LA 67, won two awards in 2000 for her first novel, Glass Hearts (Academy Chicago Publishers, Foremost of Americans, Writers, an annual prize given to an emerging Midwest writer; and the Ohioana Library Association Book Award in Fiction, the highest award in the state of Ohio.

Jack Stein, EN 67, SI 69, completed his 30th year in the Environmental Affairs Group at Anheuser-Busch Companies Inc. in St. Louis. He serves on the boards of the National Environmental Development Association, the Global Environmental Management Initiative, and the Multi-State Working Group on Environmental Management Initiatives.

Jan Lindquist, SW 69, is working as a middle-school psychologist in Littleton, Colo. She writes: "Thanks to all of you who support a nonviolent world."

John Steinfeld, TI 69, TI 72, and his wife, Audrey Naumann Steinfeld, a graduate of Fontbonne College in St. Louis, were honored by Fontbonne College with a 2000 Founders Award for distinguished service in community enrichment.

Jay Solomon, LA 70, writes that after graduating from WU during the invasion of Cambodia, he went on to law school at the University of Texas and was admitted to the bar in 1973. He has been practicing immigration law ever since in Atlanta. He and his wife, Susan, have a 9-year-old daughter, Shawna. He adds, "And this is the first year we'll elect a president younger than I am!"

Michael C. Sullivan, BU 70, was elected to a third term as a circuit court judge for the state of Oregon. He retired from the Oregon National Guard with the rank of colonel.

Gerald J. Williams, EN 70, SI 72, was named president of McClure Engineering Associates, St. Louis.

Joan Berzoff, LA 71, is a full professor and co-director of the doctoral program at Smith College.

Lois Hecht Oppenheim, GR 72, GR 80, was named acting provost of the University of Judaism in Los Angeles for 2000-01.

Alice Rollins, PI 72, works as a pediatric physical therapist with the Seattle School District.

Adele Lander Burke, LA 73, became director of the museum and education for the Skirball Cultural Center in Los Angeles, an Anglican religious community, as a postulant in the order. She hoped to be admitted as a novice in January 2001. The mother house is located in Toronto, Canada.

Thad Holley, IW 74, an attorney, was appointed general chairman of the 2001 Archdiocesan Development Appeal of the Archdiocese of St. Louis. He is the first African American to serve as the

Seventy-five members of the Washington University Beta Theta Pi fraternity—from the classes of 1958 through 1966—attended a special reunion weekend August 4-6, 2000, in Chicago. Gary R. Beyer, A.B. '63, and Michael J. Kearney, B.S. '62, planned the celebration, which featured a Friday night barbecue, a Saturday picnic, a Saturday evening dinner, and a Sunday "roll out of bed and into brunch." Beyer says, "About a year ago, we were talking about how there are no reunions with Beta classmates spread out over different graduating years." Kearney adds, "We wanted to see if we could get everybody back together one more time. The response was terrific." One of the highlights was the Betas serenading their wives at the end of the Saturday dinner, held at the Metropolitan Club on the 67th floor of the Sears Tower (above).
about starting first grade. Adriel is enjoying the fall and football season as only a 4-year-old Buffalo Bills fan can.

Sandra Barr Hammond, LA 77, is the president of the Jewish Community Center in Louisville, Ky. She and her husband, Mark, have two children: Kenny, a freshman at Yale, and Lauren, a senior in high school. Sandy practices law and serves as a regional interviewer for prospective WU students.

Mark Heller, SW 77, IW 77, was named to Rural Opportunities, Inc.'s Farmworker Advocate Hall of Fame in summer 2000. He is the supervising attorney of the Migrant Farmworker Program and Immigration and Naturalization Project for Advocates for Basic Legal Equality, Inc. (ABLE) in Toledo, Ohio.


Gary Elkins, BU 78, GB 79, has been living in Boston for the past 17 years, and she has continued the choral singing career that she started at WU under the late Orland Johnstone. During 2001, in addition to making her fourth trip to sing in Carnegie Hall, she had the opportunity to sing in choirs under several conductors, including Keith Lockhart, Bernard Haitink, Christopher Hogwood, and Seiji Ozawa.

Neil B. Caesar, LA 78, is an attorney with the Health Law Center in Greenville, S.C.

Gary Elkins, BU 78, GB 79, formed a new company called Kingfisher Capital Funding, LLC. They are an investment company with a fund called Dillion Capital Fund. They invest private equity in public companies. E-mail: gales@britishlibrary.net.

Robert Falster, LA 78, EN 78, SN 80, SI 80, lives in London and Oxfordshire, England. E-mail: falster@@britishlibrary.net.

Becky Fernandez, EN 78, is a software engineering manager at Condor Systems, Inc. She is a lieutenant-colonel in the U.S. Army Reserve. Becky and her three sons, Chris, 17, Andrew, 15, and Kyle, 13, reside in San Jose, Calif.

June Wuest Becht, GR 79, a free-lance writer, was awarded a 2001 broadcast grant from the Louis W. Stokes Achievement Award by the Women's Sports Network for her historical Olympic research. Her article "Missouri's First Female-Athlete" appeared in the August/September issue of Missouri Life.

Carol Latham Mitchell, MD 79, took a position as full-time writer for the Global Scientific Information and Communications Department of Eli Lilly and Company in Indianapolis.

Thomas Nephew, LA 79, received his public policy M.P.P.S. degree from the University of Michigan in 1994. He married Margaret Dadian in 1998, and they have a daughter, Madeleine Johar Nephew, born May 6, 1998.

David Rubenstein, GR 79, executive director of the Environ­ments Project (see Winter 1999 issue, pp. 25-27), announces its rollout of the Environmental Protection Agency's Environmental Education and Training Foundation (NEETF). The Environment Project is a Washington, D.C.-based program that matches mentors—those who come from organizations such as the Environmental Protection Agency, environmental groups, and law firms—with inner-city teens to help them prepare themselves for college and careers, and learn about the environment. Rubenstein believes that the partnership with NEETF will ensure that the EnvironMentors Project has the dollars and lead time needed to reach successfully communities throughout the nation.

Daniel P. Ford, BU 80, was appointed senior vice president and director of property management for Freeman Web Company in Nashville. He is responsible for more than 6,500 apartment units and 500,000 square feet of office space.

Dennis Hall, GA 80, advanced to fellow in the Construction Specifications Institute (CSI). He is managing principal of Hall Architects in Charlotte, N.C., a member of CSI's board of directors, and a member of the U.S. National CAD Standard Project Committee for the National Institute of Building Science.

Linda (Maier) Kolchin, LA 80, married Fred Kolchin, a logistician at Redstone Arsenal in Huntsville, Ala., on Aug. 12, 2000.


Frederick L. Heger, Jr., GB 81, moved to a new job as controller of Mitsubishi Electric Automation, Inc., in Vernon Hills, Ill. He lives in Vernon Hills, Ill., with his wife, Eleanor, and daughters, Amy, 13, and Beth, 11.

Mike Kang, GB 81, was appointed president/general manager of Eastman-Kodak, Korea, in March 2000.

Jarvis N.C. Wong, LA 81, was appointed director of interior design for Swanke Hayden Connell Architects in New York City.

Sanjay Agrawal, EN 82, SI 91, joined the Patent, Trademark, and Intellectual Property Law Department of Armstrong Teasdale LLP in St. Louis.

Nathan Byers, EN 82, is living in Seattle. He is the owner of Sider & Byers Associates, Inc., a mechanical engineering consulting firm.

Patrick Mechan, MD 82, a physician, joined the Centers for Disease Control and Prevention in Atlanta, as the director of emergency preparedness.

Betsy Troeder, LA 82, earned her Master of Landscape Architecture in November 1999 from the University of Edinburgh College of Art, Edinburgh, Scotland. She has since returned to the United States and practices landscape architecture in Poolesville, Md., in Virginia, she is a volunteer puppy-raiser for Guiding Eyes for the Blind, and enjoys sailing on a regular basis.

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Using the Law to Combat Domestic Violence

Nina Balsam is blunt about her career plans: She wants to change the world by helping those without power become empowered. Although such a plan may sound grandiose, she thinks it’s achievable.

“That came from my parents who were progressive people, who taught us a lot about oppression and fighting against it. Both my twin brother and I grew up feeling strongly about injustice,” Balsam says.

Balsam is the legal advocacy projects director for the Missouri Coalition Against Domestic Violence and has devoted her career to helping abused women and their children. Her twin went on to become the commissioner of public health in Brookline, Massachusetts.

“For both of us, it was never an option to be mainstream or look for a job that had to do with making a lot of money,” Balsam explains. “When I took the job with the coalition, I took a $20,000 pay cut.”

Prior to that 1998 career jump, Balsam had been managing attorney at Legal Services of Eastern Missouri. While working at Legal Services—having been sent there through a civil clinic at the University’s School of Law—Balsam first became aware of the need for change in domestic violence. She then applied for the Volunteers in Service to America (VISTA) program and asked to be placed again with Legal Services.

“Almost every one of my clients was a domestic violence victim, and there weren’t laws to assist them,” she says. This exposure inspired action. Balsam is often recognized for co-authoring Missouri’s Adult Abuse Remedies Law. The 1980 law allows victims of abuse to obtain emergency orders of protection.

“I feel as if maybe somebody else would have done that,” she says. But the law was passed after she lobbied nonstop for three years in Jefferson City, Missouri.

“There was a lot of prejudice against women and the issue of domestic violence in the Missouri legislature. It wasn’t a pleasant experience.” She went on to defend the constitutional validity of that law in 1981 before the Missouri Supreme Court.

Balsam has also founded and authored numerous projects that have changed people’s lives: the Lasting Solutions Project, designed to deliver comprehensive legal and support services to victims of abuse; the Pro Se Divorce Clinic; and the Adult Abuse Committee of the Young Lawyers Section of the Bar Association of Metropolitan St. Louis. She is a member of U.S. Representative Richard Gephardt’s (D-Mo.) Domestic Violence Task Force and serves on the board of directors of the South Side Day Nursery, a day-care program for children who are, by and large, from low-income families.

Acknowledging her many efforts, the St. Louis Metropolitan Region of the Missouri Coalition Against Domestic Violence named an award after Balsam and presented her with the first Nina Balsam Meritorious Service Award in 1996. She was also among the first recipients of the Sunshine Peace Award, a national award honoring those who work in the field of domestic violence.

“What I think I do more than anything is work hard and struggle through things,” Balsam says. She believes Washington University’s School of Law primed her for that. “It prepared me for … analyzing things in a certain way and not giving up.”

Awards and projects aside, Balsam’s proudest achievement is her 18-year-old daughter, Marcie. “She’s a strong woman with a strong work ethic, and she’s pretty cool about a woman’s place in the world. That’s what I want for women in general,” she says. “If women have options, they’re going to be able to get out of bad situations.” —Hillary Wicai
Sibyl C. Bogardus, LW 88, was selected as one of the "Top 100 Women in Insurance" by the industry publication Business Insurance. Her firm is the president and national director, Willis National Benefits Resource, the third-largest insurance consulting/brokerage firm in the world. She and "Noah, 5, reside in St. Louis.
Kathleen S. King, LA 88, was elected vice president of Southern Nuclear Operating Company by its board of directors. In addition, she will continue serving in her role as treasurer, comptroller, and chief financial officer. She is responsible for the overall accounting work and financial statements of Southern Nuclear at corporate and plant levels.

Andrea Bay Leone, FA 88, and Italian husband, Pasquale Leone, had a daughter, Alissa Lucia, born Feb. 23, 1999. Andrea's sons, Antonio and Jonathan, are now 4 and 5. All five speak Italian and "American" English.
Bridge Finnegan, FA 88, spent a week with Andrea's family in Lucera, Italy, last year.

Stephanie Lober Assang, BU 89, joined Friedman Assang on Sept. 5, 1999, in Washington, D.C.
Molly Rios Miller, BU 89, was the matron of honor. Also in attendance from WU were: Rebecca Minard Rock, LA 89, and J.T. Madore, LA 87. The couple reside in Tokyo, Japan, where Stephanie is director of finance for Fuji Heavy Metal.

Ilene (Reibman) Gould, PT 89, PT 89, and Nathan Gould, EN 88, SI 99, have a son, Jacob Dylan, born March 16, 2000. Jake joined sister, Alex, 7, and brother, Matthew, 4. They live in St. Louis, where Nathan works for EQE International, a structural and seismic engineering firm. Ilene plans to return to her part-time position as a home-care physical therapist for BCJ Home Care.

James R. Howell, GB 89, started working in January 2000 for Prudential-ICI, a global insurance company in London. He holds an insurance company as a territory business manager. He and his wife, Judy, have two daughters: Emily Ann, born on Sept. 29, and Sarah Ann, born on July 1, 2000, while James attended his high school class' 25th reunion. He arrived at the hospital one hour after Sarah was born. He believes that life is good and there is a time for everything, especially maturing parents.

Jennifer Schmidt Bohmert, BU 90, and her husband, Chris, have a new baby. Katherine Louise was born April 26, 2000. She joins Jonathan and Julia, both 3 years old. E-mail: jennifer.bohmert@hotmail.com.

David Edaghpiour, LA 90, married Danielle Walsmith on Aug. 20, 2000, in Santa Monica, Calif. The couple honeymooned in St. Kitts and made their home in Pacific Palisades, Calif. David worked as a major gifts development officer for the University of Southern California and enjoys interviewing WU's prospective freshmen through the Alumni and Parents Admission Program.

Kirk Heinlein, BU 90, rode his bicycle from Houston to Dallas (more than 400 miles) and raised over $8,000 by participating in the Tanqueray's Texas AIDS Ride 3. He is group manager of marketing for emerging services for Sprint Corp. and is a writer for the Associated Press in Washington, D.C.

Rayna L. Richardson, LA 90, and her husband, David, celebrated the birth of their second child, Jacob Seth, on Sept. 27, 2000. Their first child, Sarah Helen, was born Feb. 2, 1999. They reside in Arlington, Va., where Rayna works as a government affairs representative for a healthcare association.

Jennifer Beldon Rosenblatt, LA 90, writes that, after prosecuting for five years and being in-house counsel for a corporate law firm, she joined a new law firm where she can truly do the "mommy track." She married a fellow law school classmate, James, during Emory Law School and has three wonderful children: Samantha, 5; Molly, 2-1/2; and Jack, 6 months—hence the reason she missed the reunion. She is having the time of her life actually getting to practice her trade and spend quality time with her kids. E-mail: jbr@fcom.com.

Suzanne Kittenberg Rubinstein, LA 90, and her husband, David, are excited to announce the birth of their son, Adam Jack, on June 15, 2000, in San Francisco. E-mail: suzanne@rubinstein.com.

Judith Sapero Tavill, FA 90, and her husband, Michael Tavill, LA 86, have a new baby boy, Samuel Alex, born May 28, 2000. Sam joins big brother, Jake, 4, to occupy the majority of Judi's time. As of June 13, Judi officially retired as a fashion and textile designer and moved on to pursue the business of motherhood and various personal artistic interests: Michael's pediatric E.N.T. surgical practice going strong and so is his water-skiing. They live in Ramson, N.J. E-mail: JMTavill@aol.com.

Steven Vahl, LA 90, married Andrea (Sodergren) Van, EN 92, in June 1999 in Denver. Steven is a developer with a software company, and Andrea is a systems engineer with Agilent Technologies. They bought a house in Denver. E-mail: Steven_Vahl@ultra2k.com or Andrea_Vahl@ultra2k.com.

Staci Maxman Katz, LA 91, is still operating his private practice. He says, "I wish I could see y'all more often!" Scott H. Cohn, BU 91, and his wife, Emily, are enjoying raising their son, Adam Robert, born on Aug. 19, 2000. They live in Chesterfield, Mo. Scott is a buyer for May Department Stores. E-mail: jand@may.com.

Lori Geller, LA 91, married Greg Nigh on Oct. 15, 2000, in Portland, Ore. Lori is a student at the National College of Naturopathic Medicine (NCNM) in Portland and will graduate with a doctorate in naturopathic medicine in June 2001. Greg also is a student at NCNM. He will graduate in June 2001 with a doctorate in naturopathic medicine as well as a master's in classical Chinese medicine. They plan to stay in the Portland area and open a practice. E-mail: gellers@teleport.com.

Staci Maxman Katz, LA 91, and her husband, Joel, have moved back to New York, where Joel took a position as associate general counsel at Computer Associates. They will live in E. Northport, Long Island, where Staci plans to spend time with their 2-year-old son, Ben, while awaiting the birth of their second child.

Daphne Stein, LA 91, whose classmates may remember her as the questioner for Student Life's "Question of the Week," is a journalist and sports reporter at a mid-sized daily newspaper in New York's capital region. In March 2000, she won a statewide writing award for work done while at a weekly paper in Westchester County. Daphne sends special hellos to Dave Schwartz and Todd Levy and says, "Where are you going to miss you and have a lot to tell you both? Please get in touch with me." E-mail: daphstein@hotmail.com.

Jennifer (Gladsby) Sterling, LA 91, and her husband, Sterling, BU 91, are the proud parents of Julia Anabel, born May 18, 2000. Craig graduated with honors in May 2000 from the Graduate School of Business at the University of Chicago and is now an associate in corporate finance at UBS/ Warburg in New York City.

Kathryn Parr Adams, LW 92, and her husband, Chris, became owners of Adams-Green Funeral Home in Herndon, Va., where Chris is a licensed funeral director. Kathryn is a senior manager in the Compensation and Benefits Practice at KPMG, LLP. The couple expected their first child in February 2001.

Dennis Friedel, LA 92, SW 94, and Erika Friedel, SW 92, have a son, Alexander Kendrick Friedel, born May 13, 2000. Evan is the community relations coordinator for the Washington National Opera in Winston-Salem. Erika is thrilled to be a stay-at-home mom for now. E-mail: efriedel@ncteyebank.org or erika@cheerful.com.


Peter Kohan, LA 92, and his fiancée, Jennifer Coleman, are moving to the boroughs—Ozone Park, N.J., to be exact. E-mail: peter.kohan@umusic.com.

Rebecca Miller, GR 92, has joined the Olin Library reference staff at WU. She serves as subject bibliographer for psychology and provides reference service in the social sciences, humanities, and general information.

Philip Daniel (Dan) Newman, EN 92, EN 93, was hired as chief technology officer of IQrom Solutions, Inc., in Orlando, Fla.


Laura Regan, BU 92, received her M.B.A. from DePaul University in June 2000. She works for United Online, a dot-com company, as a global client service manager in Chicago. She's lived in Chicago since 1998 and loves it, despite the cold winters! Laura hangs out with fellow alumni Rebecca Parrilla, BU 92, and Molly Meng, BU 92, and occasionally sees other WU faces around town. She'd love to hear from other old friends: laura.regan@wcom.net.

Jessica Tanel, FA 92, and her husband, Paul LeLorier, have a son,
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See page 9

Robert S. Brookings
Your Legacy Can Endure

For Deferred-Payment Charitable Gift Annuity rates, see page 9

BROOKINGS PARTNERS

Recognizing the Importance of Planned Gifts
Washington University in St. Louis
Counseling Others on Cultural Identity

When African Americans seek counseling, Thomas A. Parham believes therapists need to consider using a different approach to help them. "The difficulty with traditional psychology is that it has created a homogeneous normative standard against which all cultural groups are measured," he says. "Anything therapists see that's different is often considered inferior or deficient."

Parham, a psychologist and assistant vice chancellor for counseling and health services at the University of California at Irvine, researches racial identity development and multicultural counseling. In his work as a psychologist and author, he emphasizes that African Americans should be counseled to understand the origins of their identity and value systems, and how to balance two competing worldviews—one African and the other European American. The African American world view links contemporary African-American life to the traditions, values, and spiritual essence of their African ancestors.

"Most people of African descent are looking for a sense of personal affirmation," he says. "They need to figure out how to maintain a sense of cultural integrity in a world that does not support and affirm their humanity as a person of color."


After growing up in Los Angeles, he received a bachelor's degree in social ecology from the University of California at Irvine. In his degree program, Parham focused on human development and community mental health. "My sense of self always has been anchored in trying to help people and be a healing presence in their lives." As a child, Parham was taught to pursue his natural talents. "I was raised in a value system that taught us to be thankful for what we had in life but also to recognize that each person has been blessed with gifts to use and share."

At the University of California at Irvine, Parham was greatly influenced by Professor Joseph White, whom he calls one of the fathers of the contemporary African-American psychology movement. White and other mentors helped Parham see he had a knack for psychology.

He completed a master's degree in counseling psychology at Washington University in 1978 and a Ph.D. in counseling psychology at Southern Illinois University at Carbondale in 1982. After teaching on the faculty at the University of Pennsylvania for three years, he returned to the University of California at Irvine as director of the Career and Life Planning Center and the Counseling Center. In addition to his other responsibilities, he remains director of the Counseling Center as well as serving as an adjunct faculty member. Parham also is a past president of the National Association of Black Psychologists and of the Association for Multicultural Counseling and Development.

"Washington University gave me a good platform," he says. "The socialization there provided me with the perspective to see how my talents could be used as a healing presence in people's lives."

—Diane Duke Williams
Wisconsin-Madison in May 2000 and accepted a position in marketing and development at the Nashville Opera. He married Lynn Dzurek, a graduate student in immunology at Vanderbilt University, in November 2000.

Yen-Yee Tang, LA 93, LA 93, married Thomas Nydam on July 8, 2000, in Hartford, Vt. Cindy Cheng, LA 94, was the maid of honor. Yen-Yee received her PhD in biochemistry from Dartmouth College in September 2000 and works as a scientific adviser for Kaye, Scholer, Fierman, Hays & Handler, LLP, in Manhattan. Her husband is working as a clinical research associate for Immunomedics. E-mail: y2tn@yahoo.com.

Talulah Wallace-Bohain, SW 93, married David Boahin Ageyekun on Aug. 28, 1998, in Jerusalem, Israel. They have a son, Mikhail Kofi, born Oct. 20, 2000. They live in Port Orange, Fla. E-mail: Micleau@hotmail.com.

Karen (Rabinowitz) Blanchard, FA 94, and Jonathan Blanchard, GR 94, GR 97, moved to the Boulder, Colo., area in the summer of 2000, where Karen continues her career as a graphic designer and Jonathan joined the intellectual property law firm of Brinks Hofer Gilson & Lione. E-mail: bdesigner@earthlink.net.

Melissa (Goldman) Kaplan, LA 94, and her husband, Brian, have a son, Jonathan Louis, born Nov. 2, 2000. They live in Charlottesville, Va. E-mail: mgstk@virginia.edu.

Robert Alan Moeller, GR 98, joined Capital One Financial Corporation in Richmond, Va., as a group manager in Strategic Infrastructure, an internal consulting group.

Cindy Kay Myer, OT 94, is a full-time occupational therapist at the Mayo Foundation in Rochester, Minn., working as a spine therapist. She was married Jan. 1, 2000.

Thomas D. Polacic, GA 94, was promoted to senior associate in the St. Louis office of EQ§ International, a full-time occupational therapist at the Mayo Foundation in Rochester, Minn., working as a spine therapist. She was married Jan. 1, 2000.

Jeffrey C. Showalter, LA 94, was engaged to Rebecca Box of Denver. He was promoted to vice president at seton Hall Law School. He teaches privacy law, Internet law, criminal law, and law and literature. He lives in New York City.

Jeffrey T. Spiro, LA 94, is enjoying life in Deland, Fla., where he is the associate director of development for Stetson University, with responsibility for the School of Business Administration. He also has done some guest lecturing in business law courses at Stetson. He and his wife, Kerri, were married Aug. 19, 1999, and have a son, Andrew Clayton Spoeni (named for the St. Louis suburb where Kerri and Jeffrey met), born Aug. 25, 1999.

Serifah Amn, EN 95, is married and a student at the University of Manchester in England. She has already 3 years old and the second is 3 months. She is working as a process engineer at Jacobs Proekt Engineers, an oil and gas consultancy company, which is currently involved with offshore and onshore oil and gas production designs, mainly for Shell, Eso, and Petronas, in her home country of Malaysia.

Meghan Johnson, LA 95, is a junior at the University of Pennsylvania, majoring in the Wharton School of Business Engineering Class of '95, please contact me." E-mail: serifah@pd.jaring.my.

Jonathon H. Taylor, LA 95, started attending the University of Rochester School of Medicine in August 2000, after working for four years at the Harvard School of Public Health on the health effects of air pollution. E-mail: jbtaliff@mc.rochester.edu.

Michelle Landau Brooks, LA 95, is the new regional director of communications and informal education for the Union of American Hebrew Congregations. E-mail: mbrooksnyt@yoo.com.

Helaine Denenberg, LA 95, and Jonathan Kiwanis celebrated their wedding on Aug. 13, 2000, in Philadelphia. It was a truly beautiful day. They live in Boston, where Helaine is a freelance proofreader and Jonathan is an assistant professor of religion at Boston University. E-mail: helaine@1@aol.com.

Adam T. Elegante, LA 95, is engaged to Rebecca Boyce of Denver. They live in San Francisco. Adam works in the Equities eCommerCe Group at Goldman Sachs, and Rebecca is a high school English teacher at Redwood High School, in Marin County. They plan to marry in summer 2001. E-mail: adam.elegante@gmail.com.

Scott Jones, EN 95, says, "Hi, World! Melissa married her best friend and colleague Marjorie Ross. They adopted a beautiful baby girl from Atlanta; she reminded him of "The General." They are planning a large family. He is still in engineering but wants to get into the missionary work he misses. He still can't play golf—but he keeps trying. He was in the wedding of Hany Atallah, LA 94, and rekindled those WU bonds of friendship. Please call, or e-mail: sjonem@indueng.com.

Jonathan Lesser, LA 95, is completing a master's degree in teaching and biology at the Lynch School of Education, Boston College, and editing his first collection of poems, Shut up and kiss me!, due out in August 2001.

Melinda Mersack, LA 95, married Mark Jacobs, LA 95, on Sept. 14, 1999, in Cincinnati. She was ordained by the Hebrew Union College in Cincinnati in June 2000 and serves as a rabbi at Anshe Chessed Fairmount Temple in Cleveland, Ohio. E-mail: rebecca.m.mersack@uohssc.edu, married Uzma Mohsin, LA 97, on Aug. 6, 2000, in Chicago. Basharat graduated from the University of Oklahoma Medical School in May 2000 and is doing a combined internal medicine–pediatrics residency at the University of Illinois at Chicago. Uzma is a third-year medical student at Chicago College of Podiatric Medicine. E-mail: basharat-munee@uosc.edu or uzma_mohsin@hotmail.com.

Katie Pieper, FA 95, married John White on Nov. 11, 1999. Jamie Greenfield, BU 95, was one of the bridesmaids. Other WU classmates who attended the wedding: Monica Rosenthal, LA 95; Debra Gerdes, LA 95; Scott Irvin, LA 95, and Rebekah Viloria, LA 95. Katie is the youth director at a Presbyterian church in Tampa, Fla. They have two dogs and one cat.

Mark Pottinger, LA 95, is in a PhD program in musicology at the Graduate School and University Center of the City University of New York. Besides being a full-time student and editor at RILM Abstracts of Music Literature, he is the (part-time) professor of music history at Manhattan College.

Deborah Sklar, LA 96, says, "I moved to Israel after graduation and haven’t looked back since. Things are crazy over here, but I can say there is no such thing as a dull moment here." Elisa Vinson, LA 95, SW 98, is a research associate at the Urban Institute in Washington, D.C. E-mail: evinson@ui.urban.org.

Vinny Cicchino, LA 98, is a senior writer for Interactive Week, working out of Atlanta. She plans to marry Jeff Rosenfeld in June. E-mail: mchanski@aol.com.

Karen Adolph, LW 95, was named a partner in the law firm of Howard & Helmers, PLC, in Louisville, Ky. He concentrates his practice in family law and personal injury, and is a certified mediator.

Amber Hallock, LA 96, and Jeremy Ackerman, EN 96, EN 96, were married in Sausalito, Calif., on June 25, 2000. Both are living in Chapel Hill, N.C., and are attending graduate school at the University of North Carolina.

Amy Clough, LA 97, married Robert Dirick, BU 98, on March 25, 2000, in Kansas City. Amy works as an internal whistle-blower for Aegon Financial Services Group. Robert is a business planning associate for General Mills. They live in Minneapolis.

Alicia Schnell, LA 97, received the Bettie Schrotth Johnson Management Scholarship from the George Warren Brown School of Social Work. She is pursuing a master's degree in social work. The scholarship is awarded to an outstanding WU student who has made a commitment to work with underserved populations.

Sandhya B. Shenai, GB 97, and Ananth got married right after graduation. They moved to Chicago for 2½ years because Sandhya got a job with Lucent Technologies. Then they moved back to Cincinnati and bought a home here. They are currently married, still with Lucent, and Ananth continues to travel in his job with Andersen Consulting.

Lucy Tan, LA 97, is in her last year at the University of California, Davis School of Veterinary Medicine.

Doug Antholz, EN 98, joined the St. Louis office of BIC Hospital in St. Peters, Mo., and Moberly Community College in Moberly, Mo. He is a graduate of both Nebraska Wesleyan University in Lincoln and WU, with degrees in both civil engineering and physics.

Rebecca E. Apperson, LA 98, recently became engaged to Scott McClure; the two plan to marry in June 2001.

David Feltes, LA 98, was promoted to managing director of Marquette Partners, a currency trading firm. They moved to England. He joined the firm's Chicago office in 1994 as a foreign currency trader.

Matthew Latacha, LA 98, and Kimberly Auping, LA 98, were married in June 2001 in Omaha, Neb. Matthew is a third-year medical student, and Kimberly is a third-year doctoral student, both at the University of Nebraska Medical Center.

Robert D. Long, LA 98, began a tenure-track position in organic
Hitchhikers Guide to Adventure

Walter Lehmann and his wife, Heide, (see photo at right) have become known as the "grandpa and grandma of hitchhiking." Married some 25 years, they have traveled through more than 25 countries together—mostly hitchhiking. Over the years, they have been picked up by thousands of different people, including a bio-chicken-farmer, two Gypsies, a geologist, a bullfighter, and a priest.

"The reason we prefer to hitchhike is to meet people and to get into the inside of countries, not merely see the sights," says Lehmann. "And then we get lots of information, which we use to give travelogues in all of Austria, especially in schools. We want to tell people, especially young people, about other cultures, to open their eyes and break down a lot of the prejudices."

The Lehmanns nominally live in Villach, Austria, but by virtue of their extensive travels, they are really citizens of the world. Because of their age, they have attracted considerable attention and have repeatedly appeared on national television and radio networks.

Their two-month hitchhiking jaunt through Alaska in 1998 put them on the Alaska evening news several times and merited an article in the Fairbanks Daily News-Miner. According to the paper, the couple visited 13 Alaskan cities; it took "65 benevolent drivers—in everything from a two-seater to an RV 'half a block long'—to make the circuit."

The news coverage brought them such attention that "drivers actually were standing in line to give us rides," writes Lehmann in one of the couple's yearly newsletters for family and friends, detailing their most recent travels. He adds that, "People would race past, slam on their brakes, back up, and say, 'Oh, we know you! Get in!'"

Even before he met Heide, Lehmann had traveled extensively. Born in Regensburg, Bavaria, Germany, in 1926, he emigrated with his father, both of them Jewish, to St. Louis in 1937, when Adolf Hitler was in power. He returned to Germany when he served in the U.S. Army during World War II. His last post, which lasted two years, was at the Nuremberg war crime trials.

Upon his return to the United States, Lehmann attended Washington University, earning his bachelor's degree in chemistry in 1950. Then he earned his Ph.D. in physical chemistry from Saint Louis University in 1954. He first worked as a researcher in the chemical and aerospace industries. Ultimately, he published some 40 articles in refereed journals. He went on to teach at the University of California, Los Angeles and Riverside, at the University of Massachusetts—Boston, and as a visiting professor at several German universities. Then he retired—at age 46.

More remarkable than his early retirement is the fact that he made a two-year trip around the world even before launching his professional career. After completing his Ph.D., he hitchhiked from St. Louis to California, caught a freighter to Japan, and then traveled as the mood took him. He says he spent seven months just in India.

How can he afford such extensive travel? "I have always lived frugally," says Lehmann. He spent nine months in India. In Heide, he found his soul mate. After retiring in 1972, he moved to Austria, where he met Heide when she was giving a slide talk about that country. They both share a love of travel, have a natural gift for language, and are fascinated by culture, history, geology, and nature. Spontaneity is their guiding philosophy. When they take a trip, they plan to spend several months so they can really see things. And while they research their trips, they make no advance reservations. For the Lehmanns, each trip is an adventure, and each driver who picks them up a potential new friend. —Cynthia Cummings
Donald Fendler, GB 00, is part of a team launching a new Internet company, Campusdog.com. The Web site debuted nationwide to 1,300 college campuses in August 2000 and will provide college students with localized information on everything outside of the classroom, such as music, movies, television, sports, and dining. Donald serves as vice president of finance.


Margaret Grayson, AR 00, is pursuing her master's degree in architecture at the University of Colorado.

In Memoriam

1920s
Helen (McFarland) MacDonald, LA 24; 9/00.
Margaret (Steele) Werner, LW 24; 12/00.
Louise E. (Butler) Fietysam, LA 26; 10/00.
Ralph Berg, MD 26; 1/01.
Margaret (Scudamore) Gebauer, LA 26; 12/00.
William Harry Hudson, EN 26; 12/00.
Dorothea (Comfort) Nicol, LA 27; 12/00.
Alice Elizabeth (Brrr) Gray, LA 28; 12/00.
Milton K. Harrington, LA 28; 11/00.
Roma M. (Schaefer) Nooter, LA 28; 10/00.
Elizabeth Harris (Wearen) Smith, LA 28; 9/00.
Helen Louise (Van Lund) Finn, LA 29; 12/00.
Charlotte (Blake) Green, OT 29; 10/00.
Milton K. Harrington, LA 31; 11/00.
Ralph L. McAvoy, LA 32; 12/00.
Margaret (Galt) Neate, GR 29; 10/00.
John W. Records, MD 36; 11/00.
Ruth (Fontana) Sason, NU 36; 11/00.
Arnold S. Block, LA 37; 10/00.
Warren W. Otis, EN 37; 9/00.
Alfred R. Rowe, Jr., EN 37; 12/00.
Gunter Schmidt, DE 37; 10/00.
Robert D. Brooks, MD 38; 11/00.
Ruth Genevieve (Treiman) Haiman, LA 38; 10/00.
Mary Louise (Conrades) Wuschmeyer, LA 38; 12/00.
Ralph L. Cook, EN 39; 10/00.
Eugene V. Friedrich, LA 39; 12/00.
Marian M. (Ketter) Merrick, AR 39; 11/00.
John W. Schoonover, LA 50; 9/00.
Milford T. English, LW 40; 12/00.
Thelma (Waltuch) Epstein, LA 40; 10/00.
Jane Case (Allen) Foster, LA 41; 12/00.
Mary C. (Carruthers) Green, BU 41; 10/00.
Claude H. Knapp, EN 42; 9/00.
E. Arthur Staudt, BU 42; 10/00.
Roland E. Lea, HA 42; 10/00.
Robert C. Berri, BU 52; 12/00.
Robert R. Anschuetz, MD 40; 11/00.
Louis W. Matthey, EN 41; 12/00.
Alvin F. Hufrig, EN 42; 9/00.
Sidney A. Gould, LA 42; LW 43; 1/01.
Claude H. Knapp, EN 42; 9/00.
Helen J. Gummersheimer, GR 50; 12/00.
John W. Schoonover, LA 50; 9/00.
Leroy L. Kohm, UC 51; 10/00.
Elinor (Bell) Martin, GR 51; 12/00.
Allan Berg, LA 52; LW 63; 9/00.
Robert C. Berri, BU 52; 12/00.
Roland E. Lea, HA 52; 10/00.
James A. O'Hare, UC 52; 10/00.
Robert Ozment, EN 52; 10/00.
Robert W. Pfeiffer, EN 52; 12/00.
Jane C. (Carruthers) Green, BU 41; 9/00.
Louis W. Matthey, EN 41; 12/00.
Sally Dreyfus (Carr) Cox, LA 54; 10/00.
Doris A. Hoffman, UC 60; 12/00.
Audrey B. (Siegfried) Hahn, LA 46; 11/00.
Charles Gould, LA 47; 11/00.
Adeline Rose (Wagman) Kohn, SW 47; 12/00.
Dan T. Morgan, UC 47; 10/00.
Kurt W. BieI, GR 48; 10/00.
Owen Flynn, EN 48; 10/00.
Lorraine J. Lake, PT 48; UC 50; GR 62; 12/00.
Calvert H. Lecuyer, BU 48; 11/00.
Gene F. Murray, BU 48; 10/00.
Charles Polk, EN 48; 11/00.
T. Charles Scholmene, LA 48; 10/00.
Charles E. Wiley, BU 48; 12/00.
Carl F. Brandenberg, EN 49; 12/00.
Henry A. Logan, BU 49; 11/00.
Martin H. Schaefer, GR 49; 10/00.
Herbert S. Schiele, Jr., MD 49; 12/00.

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

Name: ____________________________________________
Address: ____________________________________________________________________________________________
Class Year: __________________________ School or College: __________________________ Phone: __________________________

☐ Check here if this is a new address.

Please tell my classmates (use an additional sheet of paper if necessary):
__________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________
Todd M. Schuster, GR 63; 11/00.
James E. Harward, SI 64; 10/00.
Robert J. Klein, UC 64; 12/00.
Leroy M. Young, DE 64; 11/00.
Thelma M. Smith, UC 63; 1/01.
C. David Spoemenan, BU 65; 12/00.
Raymond A. Bayens, Jr., UC 66, GR 71; 10/00.
Richard H. Blocher, SI 66; 10/00.
Helen Elisabeth (Breading) Mchowter, UC 66; 12/00.
Virginia M. (Hutchison) Mattox, UC 67; 10/00.
Jane E. (Gold) Ortner, LA 67; 10/00.
Marc J. Schmelzer, LA 68; 9/00.

1970s
Don E. Zerban, UC 70; 11/00.
Jenny (Nathan) Strauss, GR 72; 10/00.
Michael J. Summers, UC 72; 12/00.
Carolyln (Williams) Mills, LA 73; 11/00.
Rodney Wong, DE 73; 10/00.
Joseph Francis Carroll, SW 74; 9/00.
Warren Henry Gille, Jr., GR 74; 10/00.
Bruce Vernon Hardeste, UC 74; 11/00.
Mary Angela Senter, UC 74; TI 85; 10/00.
Alvin R. Brown, HS 75; 9/00.
Michael Charles Sills, DE 75; 11/00.
John E. Goulder, LA 76, LW 84; 11/00.
Nicholas Auguste Ungaro, LA 76; 11/00.
Norvell Gary Prudot, TI 77, TI 84; 9/00.
John Frederick Thompson, Jr., GR 77; 9/00.
Bradley Vincent Spaulnborst, LW 78; 12/00.
Carlos Ricardo Valverde, EN 79; 10/00.

1980s
Warren Theodore Brinckwirth, SW 83; 11/00.
Richard Carl Wuerz, LA 83; 10/00.
Kevin M. Phalen, GR 85; 12/00.
Bradley Marc Gershenson, LW 88; 11/00.

1990s
Mark E. Walker, LA 91; 10/00.

In Remembrance
David E. Belmont
David Eugene Belmont, associate professor of classics in Arts & Sciences, died November 17, 2000, of complications from cancer. He was 63.

Belmont came to the classics department as an instructor in 1962. He became an associate professor in 1968 and taught until his death. He also served as department chair from 1969 to 1978.

"He was very dedicated to what he was doing," says George M. Pepe, associate professor of classics. "He had a love especially of Homer and Virgil, and he wanted to enable the students to read both authors and feel what he did for them in an intelligent way, understanding the poems and the language."

He is survived by his brother, James Belmont, of Las Vegas. His long-time partner, Herbert E. Metz, also a professor at the University, died in 1998.

Nathan W. Eakin
Nathan Walker Eakin, a retired music librarian at Washington University, died of cancer September 25, 2000. He was 68.

Eakin served some 38 years at Gaylord Music Library until he retired June 30, 2000. He became known for his music necrology file, which contains obituaries of contemporary musicians. In the mid-1990s, he and colleague Paul Hahn transformed this file from a card catalog to a Web site on the Gaylord Library home page. He also served as necrology editor for Notes, the journal of the Music Library Association.

Eakin served in the U.S. Navy during the Korean War; after receiving a degree in architecture, he returned to the University, where he was employed from 1956 to 1996. He also served as organist for various churches.

Eakin is survived by his wife of 26 years, Carolyn Eakin, assistant professor in 1968 and taught until his death in 1998.

Helen "Wiz" Frick Jones
Helen "Wiz" Frick Jones, who served as librarian at Washington University's Art and Architecture Library from 1957 to 1995, died October 18, 2000, of Shy-Drager syndrome, a neurological disease. She was 74.

Jones was an artist whose sculpture and drawings have been exhibited locally at the Saint Louis Art Museum and the Martin Schwieg Gallery, and nationally at the Museum of Contemporary Craft in New York, as well as at galleries in Cincinnati and St. Paul, Minn.

Jones is survived by a daughter, Brandyn Jones, of St. Louis, and a brother, Edward Frick, of Tacoma, Wash.

George C.W. Meyer, Sr.
George C.W. Meyer, Sr., a retired machinist for the School of Medicine, died September 8, 2000, in Columbia, Ill. He was 75.

Meyer joined the University in 1965 as a machinist in the medical school's facilities department. He was named shop superintendent in 1972. He retired in 1987 after 22 years of service.

Norman G. Moore
Norman G. Moore, a longtime hospital architectural consultant living in San Francisco, died November 20, 2000. He was 90.

Moore graduated from Washington University in 1933 with a degree in architecture. He and his late sister, Ruth Moore Garbe, also a graduate of the University, and the Dean's office were looking forward to developing a relationship with Norman.

Moore was an architect who worked on some of the nation's leading medical facilities during his 44-year career.

Eugene I. Johnson
Eugene I. Johnson, a World War II veteran and educator who served as a faculty member at Washington University for seven years, died October 3, 2000, in his Kerrville, Texas, home. He was 87.

Johnson is survived by his wife of 57 years, Barbara Davis Johnson, and a son, Evans Carlson Johnson, both of Kerrville, Texas; three grandchildren; and a sister, Louise Swenson, of Woodbury, Minn.

Correction
In our continued effort to report obituary information more accurately, we have learned of an erroneous obituary listing in a previous issue. We are happy to report that Jerome H. Sigmund, Jr., EN 87, is very much alive and well. We truly regret the error.
LEADING THE Research Enterprise

BY JUDY H. WATTS

- Neurologist David Holtzman discovered a way to isolate amyloid beta protein for diagnosis and treatment of Alzheimer's.
- Electrical engineer William Richard designed a PCI [peripheral component interconnect] card for computers to allow physicians rapid access to ultrasound data.
- Social work project director Elizabeth Johnson created software to help people obtain low-interest loans and access to funding programs.
- Biologist Stephen Beverley came up with an agent to rapidly express foreign genes to use as a vaccine.

All these technologies designed to save lives or make life better originated in Washington University's four research-intensive schools: Medicine, Engineering & Applied Science, Social Work, and Arts & Sciences. These products and processes—and others equally worthy—were licensed in fiscal year 2000. The funding software went to 85 agencies and programs; the rest seem destined for the marketplace, through companies such as Eli Lilly, in Indianapolis, and Symbiontics, in St. Louis.

Overall responsibility for technology transfer lies with Theodore J. Cicero, vice chancellor for research since 1996. Cicero oversees the recently established Center of Technology Management, headed by Associate Vice Chancellor Andrew Neighbour and charged with the long and highly complex process of identifying patentable research, being proactive, finding potential matches, approaching area industry about licensing, and encouraging researchers to start small businesses.

Previously associate vice chancellor for animal affairs and associate dean at the medical school, Cicero is responsible for coordinating all the University's activities pertaining to research funding—a situation he says is unique among American universities with medical schools. "The advantage of our [centralized] administrative system is that our interdisciplinary research can be readily enhanced, and that approach is at the core of the University."

The demands of managing several thousand active research awards at any given time are intense. And because 81 percent, or nearly $300 million, of WU's total contract and grant support in fiscal year 2000 came from the federal government—through such agencies as the National Science Foundation and the National Institutes of Health—compliance with a labyrinth of exacting legal requirements is mandated, "requiring a vast number of staff hours and a huge drain on resources and time."

Cicero also ensures good scientific practice by being "continually vigilant" in order to preserve the public's trust in research, "which is essential to public health and welfare."

A respected researcher himself, Cicero has had to phase out all but a 30-year grant from NIH because of limited time. Among his important findings is the significant differences in male and female rats' sensitivity to psycho-
active chemicals. The fact that the females take longer to become addicted than males but withdraw with greater difficulty—and vice versa—has profound implications for human treatment.

Of the administrative work that occupies at least 80 percent of his working time, the scientist says, “Never would I have dreamed 30 years ago that I would be doing this today!” But in point of fact, Cicero has changed course throughout his career to take on challenging new disciplines and positions. In the mid-1980s, for example, he was a full professor at Washington U. with four to five large grants when medical school Dean William A. Peck asked him to transform the University’s animal research program. Cicero said yes, and in less than 10 years it was fully accredited and had two new facilities totaling 100,000 square feet—“second to no other such university facilities.”

Later, when Chancellor Mark S. Wrighton wanted Cicero to oversee all University research, the search committee approached him and he declined. “So they asked if I would simply talk with them about my views of the situation and what might be done,” Cicero did, and a short time later, the chancellor called. “They’ve recommended you if you want it,” he told Cicero, who has been transforming research administration ever since.

“When something must be accomplished,” he explains, “it is imperative to get the faculty on board. I tell them, ‘I am willing to consider anything.’” Indeed, Cicero often draws on the faculty’s formidable intellectual creativity. When he was developing WU’s technology transfer policy, for example, he appointed a 26-member committee of faculty from every school at the University. “The ideas were first-rate,” he says. “Many became part of policy.”

Of all his achievements, Cicero is most proud of helping investigators conduct research. “We want to preserve the integrity of the research process and insist on the highest possible ethical standards, while at the same time easing the administrative burden on our investigators.”

What helps him in his pivotal position? “Being obsessive-compulsive,” Cicero says with a laugh. “Giving exhaustive attention to matters at hand and relying on dogged determination until something is absolutely completed.”

Complementing this “drive to get things done” is an essential opposing quality: patience. “That is probably most important,” Cicero says. “All administrators need it.”

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

PEER REVIEW

“Ted has very strong leadership skills, and he’s brought great energy and discipline—and about 26 hours of work per day—to the complex world of research management at Washington University.”

—Michael R. Cannon, executive vice chancellor and general counsel

“Ted Cicero has a deep concern for academic science and understanding the problems and also the glories of people in the field. He is a wonderful leader—very enthusiastic, very articulate, and follows through precisely and rapidly.”

—Mary Jeanne Kreek, professor of biology, Rockefeller University

“We tried hard to recruit Ted Cicero to the University of Pennsylvania, so that’s a sign of what we think of him here! I’ve known him for years, through work with organizations such as the College on Problems of Drug Dependence, the FDA, and the National Institute on Drug Abuse. He has a gift for coordinating the work of disparate people. You have a wonderful person there.”

—Charles O’Brien, professor, Department of Psychiatry, University of Pennsylvania School of Medicine

“Ted Cicero is amazing. In addition to his major responsibilities as vice chancellor for research, he is principal investigator for a world-class research program while managing an office that includes oversight for the laboratory animal-care program, and he is active in national activities related to these and other endeavors. He is even-tempered, he’s fair, and he elicits trust. I greatly admire him as a professional and as a person.”

—William A. Peck, executive vice chancellor for medical affairs and dean, School of Medicine

“Ted Cicero has done an admirable job in leading the research enterprise as vice chancellor for research. He has improved our service to the research community here and has remarkably enhanced our efforts to bring the benefits of research to the society we serve through the development of a more effective technology transfer program. A distinguished research scientist himself, he has an excellent grasp of the opportunities before us and the path to success in responding to them.”

—Mark S. Wrighton, chancellor

“The Washington Spirit” spotlights key faculty members and administrators who advance and support our great University’s teaching and learning, research, scholarship, and service for the present and future generations.
Faculty families find a new home—in a campus dorm
by Michael Wysession

My wife and I live with a lot of kids. Two hundred, to be exact. Fortunately only two of them are ours. We live in a freshman dorm. On the inside, our three-bedroom apartment looks nothing like the typical haven for late-night pizza eating and studying—it could belong in any modern apartment complex. But when we step outside, we find ourselves surrounded by backpack-toting students scurrying off to class or other activities at Washington University in St. Louis. And, yes, we chose to be here.

Washington University is remodeling its student campus, and—following the path of a handful of other universities—it's turning its collection of dormitories into residential colleges.

That's where we fit in. An integral part of the residential college system is having professors and their families live among the students.

Two years ago, when we sold our house and moved into the Elizabeth Gray Danforth House of the William Greenleaf Eliot Residential College, we were the only faculty family on campus. Now, construction of new dorms has allowed two more faculty families to come aboard, on the way to a total of eight.

The idea behind collecting dorms into residential colleges is to build a stronger sense of community among groups of students, faculty, and staff members, as well as to help bridge the gap between student life and academic life.

Cram Sessions in PJs
We hold classes right in our building. Students can come to evening study groups in their pajamas. We invite faculty to have dinner and talk with students. Academic activities are not just the students' day jobs—they come into their home.

While I have the role of resident faculty fellow, our work is really a family affair, so we refer to ourselves as the "resident family." We bring a reality check to the house, whose residents would otherwise have a distribution of ages tightly centered around 18 years old. With a family living here year-round, students see the building less as temporary housing and more as a home.

Many students miss their younger brothers and sisters, and welcome the hijinks of a rambunctious 5-year-old boy and charm of a 1-year-old girl. There is also an added incentive to keep the hallways and study rooms in good shape, knowing that two little children could come running through them the next morning.

We work hand in hand with a residential college director, whose full-time job is to oversee the staff of upper-class student residential advisers and the daily programming and activities of the three buildings in our college.

My family's and my role is less specific. My days are still occupied with research and teaching (on earthquakes and other aspects of geophysics), and my wife has her own work in addition to being the A-team in raising our children. But we spend a lot of time with the students in many different ways. We see our presence on the student campus as a kind of ministry. We are like older, watchful neighbors. We eat many of our meals with students. We help organize functions within our college. We also attend as many sports games, concerts, carnivals, and ethnic festivities as our schedules permit.
As the resident professor, some of my activities are strictly academic, too. I advise students on courses and majors. I also communicate regularly with the entire college (460 students in three buildings) through e-mails, reminding them of course deadlines, career-planning activities, and providing tips like, “Remember to make parents weekend restaurant reservations at least a month ahead.”

Sometimes it’s hard to define the full scope of our activities.

One day, my wife read over a student’s paper on the politics of Eastern Europe. The next, my son and I judged a contest in dorm-room miniature golf course design, and the next, we gave out pans and tips on making a birthday cake.

But the most significant contribution we make is simply our presence. It often takes 45 minutes for us to walk the 300 feet to the dining hall, because we stop to chat with students along the way: “How was your exam? Are things better with your roommate? Did you see the championship game of the women’s basketball team?”

We’re on Their Side

Ambassadors have two roles, however. While I certainly represent the faculty to the student campus, I’m also an advocate for the students.

I often serve on faculty committees that decide a variety of academic policies that directly impact student life. I now bring a unique perspective to this work. I can assure my colleagues, for example, that our own undergraduate experiences, decades past, bear little relevance to the issues facing our current students.

As more and more faculty members share our experience, there will be an increased sense of empathy for what students face. As the program continues, the students will also have a better understanding of who the faculty are, not as course instructors, but as people.

Too Much Consumerism

This broader feeling of understanding will be very welcome. There’s been an unfortunate trend within college education toward a sense of consumerism. I hear my faculty colleagues complain that some students now walk in and out of class at will, or talk with their classmates loudly during class. When questioned, they respond that since they are paying for their education, they can do whatever they want during class.

And with increased pressures to obtain research grants and publish papers, faculty members feel a temptation to treat teaching as a chore that should be completed quickly and efficiently—thus allowing them to get back to their research.

Both of these forms of consumerism are possible if there is no personal connection between students and faculty. It doesn’t happen when you have continued contact with each other outside class. It would be embarrassing for any of us to face one another if we weren’t all trying our best in the classroom. We know each other in richer ways than just our classroom roles, and it gives us great respect.

This year, we’ll likely finish our tenure as a resident family. After we go, another faculty family will take our place. The lessons we have learned from the experience, however, will last a lifetime.

Michael Wyssession is an associate professor in the Department of Earth and Planetary Sciences in Arts & Sciences.

This article first appeared in the Christian Science Monitor on July 18, 2000.
Wearing White  The rod-iron fencing outside McMillan Hall shows a sampling of the spectacular snow that fell on campus during the month of December 2000—one of the whitest Decembers in St. Louis history.