New World Leaders
In the McDonnell International Scholars Academy, Washington University and partner universities around the globe strive to create a new model for international education and research.
Dances Reflect Rich Cultures  During the George Warren Brown School of Social Work's 13th annual International Festival, Aqeele Jogee (left), graduate student in social work, dances to popular Indian music, and Yaquing Cui (background), also a graduate student in social work, performs a traditional Ugur dance. Held March 31, 2007, the International Festival celebrated multiculturalism at the School and University.
Longtime journalist Hank Klibanoff, A.B. '71, has co-authored a Pulitzer Prize-winning account of reporters from the civil rights era (page 31).

Carter Lewis, the University's playwright-in-residence, is an accomplished writer as well as an inspiring instructor to many up-and-coming alumni playwrights (page 26).

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Five Washington University alumni find success in writing plays and creating new theater; all grew under the inspiring tutelage of Carter Lewis, the University's playwright-in-residence.

31 The Race Beat Awakens a Nation
Alumnus Hank Klibanoff won the 2007 Pulitzer Prize for history for *The Race Beat*, which he co-authored with Gene Roberts. The book tells of brave reporters who covered the civil rights struggle early on.

University students in Engineers Without Borders are helping build education and health centers for children of Antigua, Guatemala (page 10).
Heart Procedure May Eliminate Migraines

Some people with migraines may be able to trace their problem to a hole in the heart that didn’t close after birth, says John Lasala, medical director of the cardiac catheterization laboratory and professor of medicine. He explains that the hole, called a patent foramen ovale (PFO), is between the top two chambers of the heart (atria) and is no larger than a pencil eraser.

In the womb, the PFO allows the blood to circulate without going to the lungs, since the lungs don’t function until after birth. Once the baby is born, the PFO usually heals, but, in a quarter of the population, it stays partially open. This means that blood can go directly from the right to the left atrium and back out to the body without going to the lungs for filtering and oxygenation.

“We think that something usually cleared out by the lungs is in that blood and can trigger migraines,” Lasala says. Early results from ongoing British clinical trials of PFO closure in migraine patients found a 37 percent reduction in migraine frequency and duration.

Now, the School of Medicine is one of 13 centers conducting the ESCAPE trial. (ESCAPE stands for Effect of Septal Closure of Atrial PFO on Events of Migraine with Premere.) The trial involves threading Premere™, a device about half an inch across, to the heart through a vein in the leg. Once in place at the PFO, the tip of the device can be opened like a miniature umbrella (left) with two opposing canopies that sit on either side of the wall separating the atria.

In June 2006, Lasala used the device to close the PFO in the trial’s first patient, Brenda Hoock, 44, who had her first migraine at age 7. She had suffered at least one severe migraine monthly, and by the time the procedure was done, “I haven’t had a migraine since I came home after the procedure. It’s given me back my life.”

“We don’t believe this will be a cure for all migraines,” says Lasala, “but even if it’s effective in just 50 percent of migraine patients with PFOs, it could benefit a lot of people.”

Reading books can provide a similar, healthy spark, according to Ray Bradbury’s science-fiction novel Fahrenheit 451, a title referring to the temperature at which paper burns. Numerous events brought together the St. Louis community to discuss the book, which portrays a society built on book-burning, censorship, and a numbness to life.

Offered in February 2007 as part of the nationwide initiative, Big Read events were produced by the Department of English in Arts & Sciences and the Office of Governmental and Community Relations, in partnership with many local organizations. It was funded by the National Endowment for the Arts along with the Institute of Museum and Library Services and Arts Midwest.
Students Argue Before Chief Justice

Four law students had the opportunity of a lifetime as they presented arguments to Chief Justice John G. Roberts, Jr. of the United States and other jurists during the finals of the law school’s annual Wiley B. Rutledge Moot Court competition in February 2007.

“To be able to argue in front of one of the sharpest legal minds in the country was an experience I will never forget,” says Samir Kaushik, a second-year law student. He, along with teammate and classmate Renee Waters, edged out the other finalist team—James Frazier and Daniel Rhoads, both third-year students. “This experience is very valuable,” Waters says, “because it approximates what lawyers really do. It shows how thrilling practicing law can be.”

Law students Samir Kaushik and Renee Waters (front) argued before Chief Justice John G. Roberts, Jr. of the United States (back center) and, from left, Judge David R. Herridon, the U.S. District Court, Southern District of Illinois; Judge Karen Nelson Moore, the 6th U.S. Circuit Court of Appeals; Judge Catherine D. Perry, J.D. ’80, the U.S. District Court, Eastern District of Missouri; and Professor Richard J. Lazarus, Georgetown University Law Center in Washington, D.C.

Life on Europa?

If there were a contest to decide which planetary body is most likely to have a “habitable zone,” Europa (right), one of planet Jupiter’s four largest moons, would be a contender.

That’s according to William B. McKinnon, professor of earth & planetary sciences in Arts & Sciences, who is among planetary scientists studying the rich data set from NASA’s Galileo mission to the outer solar system. Studying Jupiter’s four largest moons, or the Galilean satellites—named after Italian astronomer Galileo Galilei—who first observed them in 1610—has been revealing.

“Of the four, Europa is the one that has the best chance to reveal the most about the origin of life, which is one of the biggest unanswered scientific questions we have,” McKinnon says. “Europa’s massive body of liquid water, multiple proposed energy sources, and different ways to provide carbon and other biogenic elements lead us to consider its potential for life.”

Galileo—the first spacecraft to orbit the gas giant Jupiter and repeatedly pass by its satellites—found evidence of subsurface salt-water on Europa, according to NASA. The accumulated evidence points to an ocean lying no more than 10 to 20 kilometers below Europa’s icy, airless surface, McKinnon says. “In geological terms, that’s pretty close to the surface.” Europa’s ocean begs to be studied, he says, as do the strikingly colored surface materials that Galileo images captured.

“To go into orbit around Europa with high-resolution cameras, spectral imagers, and sophisticated ice-penetrating radars of the sort mapping Mars right now would allow us to characterize that ocean and give us clues about the biogenic potential of the surface materials,” McKinnon says.

He adds that a mission to Europa is feasible. He estimates that it would take about 10 years if started today—with six of them being spent to reach Jupiter’s satellites.

Gowns in the Gallery—Preview of Annual Fashion Show

Sara Gruenwald, Art Class of ’09, models a dress designed by Alissa Landorf, Art Class of ’08, as part of “Gowns in the Gallery,” an annual event produced by the Sam Fox School of Design & Visual Arts.

Held at the Des Lee Gallery on Washington Avenue, the event showcased Christian Dior- and Valentino-inspired gowns and evening wear by junior and senior fashion majors, who also discussed the finer points of color, construction, and couture.

“Gowns in the Gallery” serves as a harbinger of the annual Fashion Show, a Paris-style extravaganza at the Saint Louis Galleria in May.
Brain-imaging Device Could Improve Neonatal Care

Over the next two years, a company formed in cooperation with the University will develop an imaging system that can help doctors monitor brain activity of babies in neonatal intensive care units without exposing them to harmful radiation.

The company, Cephalogics, with funding from Allied Minds, a pre-seed investment firm specializing in universities' early-stage business ventures, is developing the product. The system employs diffuse optical tomography, an emerging technique for mapping functional activity in the human brain by measuring the movement of blood and the level of oxygen in it.

"We are working on a patch, roughly 2 inches by 4 inches, that contains an array of light emitters and detectors that can be placed over key spots on an infant's head," says Joseph Culver, assistant professor of radiology, who helped form the company and whose group has been working on the technology for three years. "Light travels harmlessly into the baby's brain and bounces out, producing readings that are translated into an image."

The technology is noninvasive, mobile for easy bedside imaging, and can continuously monitor brain blood volume and oxygenation.

"If clinical testing proves our estimation of effectiveness," Culver adds, "doctors can use the system early on to see areas of brain damage, can monitor ongoing changes in the brain, can gauge the effectiveness of treatments as they are administered, or watch for damage during a surgery or other procedure."

Cephalogics is focusing on use of the system in premature infants, who are particularly vulnerable to developing brain-related disabilities.

FRONTRUNNERS
Both Basketball Teams Go to the Final Four

Forward Jaimie McFarlin, Arts & Sciences Class of '09, who was named to the NCAA Division III Championship All-Tournament Team at the Final Four, shows the form that helped the women's basketball team place second in the national tourney. The Bears, who surged back from a big second-half deficit before falling 55-52 to DePauw University (Greencastle, Indiana) in the championship game, ended their season with a 25-6 record.

McFarlin, who finished with 12 points and 11 rebounds in the championship game, helped keep the team in the hunt throughout the season. Overall, she converted 53.6 percent of field-goal attempts while averaging 10.2 points and 10.2 rebounds per game.

During Nancy Fahey's 21 years as head coach, the Bears have been in the national championship game six times, and, beginning in 2001, they won four consecutive national championships, only the second team in NCAA history to do so.

Forward Troy Ruths, Engineering Class of '08, whose many honors include being named the 2007 ESPN

Jamie McFarlin was named to the All-Tournament Team at the NCAA Division III Championships.

The Magazine Academic All-Americas of the Year and University Athletic Association (UAA) Player of the Year, contributed strongly to the highest finish in school history for men's basketball.

The team defeated the College of Wooster (Ohio) to finish third in the NCAA Division III Tournament and end the season with a 25–5 record. [The Bears lost to Virginia Wesleyan College (Norfolk, Virginia) in the semi­finals.] This was the men's first trip to the Final Four.

Ruths averaged a UAA-best 19.1 points and 7.9 rebounds per game. He also broke the school record for most field goals made in a season (224) and posted the second-highest point total in a season (572). Ruths notched double-figure scoring in 32 consecutive games and in 59 of the last 60. He also became the 16th player in program history with at least 1,000 career points.

Freshman guard Aaron Thompson, Business Class of '10, also received postsea­son honors. Thompson, the UAA Rookie of the Year, was named to the DIII News All-Freshman Team.

Mark A. Edwards, A.B. '69, head coach of men's basketball for 26 seasons, is the winningest coach in team history.

Among his awards, Troy Ruths (left) was named the University Athletic Association Player of the Year.
A Cappella Groups Sing Out at Regionals

Andy Schupanitz (left), Arts & Sciences Class of '07, and Ashley Schneidman (right), Arts & Sciences Class of '09, along with other members of the Amateurs, a co-ed a cappella group at the University, perform Only the Good Die Young during the quarterfinal round of the International Championship of Collegiate A Cappella. Two other Washington University groups participated: After Dark, another co-ed ensemble, and the Stereotypes, a male ensemble that won the outstanding choreography award in the competition.

Also participating were six groups from other Midwestern universities. Musical genres included classic rock, jazz, techno, country, soul, alternative, gospel, modern pop, and oldies.

Advancing to the semifinals were A Cub Bella, a female group from Southwest Missouri State University in Springfield; and Sone, a co-ed group from Millikin University in Decatur, Illinois.

The event, held in Graham Chapel, was hosted by Washington University's Greenleafs, a female a cappella group.

University Rates Four Stars—Again

For the sixth consecutive year, Washington University has been recognized by Charity Navigator—America's premier charity evaluator—as one of its top-rated, four-star institutions, according to David T. Blasingame, executive vice chancellor for alumni & development programs.

"To consistently be rated among the very best of the more than 5,000 nonprofits and charities this independent service evaluates today sends a strong message to the many alumni, friends, and parents who support the University with their gifts each year," Blasingame says.

Charity Navigator's stated mission is to help individuals make intelligent giving decisions. Visit www.charitynavigator.org.

University researchers, working as part of an international team, have unveiled scientific and cultural secrets of "The Child Mummy," debuting in a new exhibition at the Saint Louis Science Center.

The mummy was acquired in the Middle East in the early 1900s by a dentist practicing in Hermann, Missouri. It ended up in an attic of some of his relatives, before being donated to the Science Center in 1985. Technology at that time could determine only that the child was male, and the mummy primarily was kept in storage.

In 2005, when Al Wiman became the center's vice president of public understanding of science, he suggested modern medical technology could unlock secrets of the child mummy—a very rare find.

Investigators including Charles Hildebolt, associate professor of radiology, performed CT scans showing every aspect of the mummy. The scans showed that the mummy's internal organs had been removed, as was customary; and an analysis of the bones in the hand, the plates of his skull, and the roots of his teeth suggested the child died at 7 or 8 months.

The infant was likely from an upper-middle-class or wealthy family since mumification was expensive.

DNA testing of three samples of degraded muscle, tissue, and bone, performed by Anne Bowcock, professor of genetics, showed that the boy's mother was European, probably Greek or Roman. He likely lived between 30 B.C. and the year 130, according to results of radiocarbon dating of a snippet of the mummy's wrapping, consisting of layers of linen.

(Researchers used methods of analysis that were limited invasively and did not require unwrapping the mummy.)

Also of great interest was the finding of amulets in the boy's body cavity and in the wrapping. Ancient Egyptians used these small charms to protect the deceased and to help ease their path to the afterworld. This tied to Egyptians' reason for mumification—so that their souls would be able to reanimate the body in the hereafter.

Also involved in the research were Dean Falk, an anthropologist at Florida State University in Tallahassee, and Salima Ikram, professor at The American University in Cairo and one of the world's foremost mummy specialists.

The Science Center will exhibit the mummy outside the Omnimax Theater until Labor Day, September 3, 2007, when it will be moved to a permanent display.
FRONTRUNNERS

Engineers Celebrate... in Zany Fashion

As one of many wacky events celebrating National Engineers Week, Gordon Johnston (right) and Helen Wang (left), both Engineering Class of ’10, proved that duct tape, when used profusely, can keep a person stuck to a flat surface, suspending him vertically. Wang spent 10 minutes wrapping tape around Johnston, who volunteered for the experiment, held February 21, 2007, in the Lopata Hall Gallery. The week also included crazy chemistry demonstrations, a paper-airplane competition, and a mini-bike race.

EnCouncil, the undergraduate student government for the School of Engineering & Applied Science, hosted the events.

African-American Women Suffer Higher Rate of Premature Births

African-American women are three times more likely to deliver babies three to 17 weeks prematurely than Caucasian women, according to a review of Missouri birth statistics by School of Medicine researchers. The data showed that 8.8 percent of births to African-American women were between 20 weeks and 34 weeks gestation—nearly three times the 2.95 percent of premature births to Caucasian women. The researchers adjusted for such variables as socioeconomic status, education level, cigarette smoking, and maternal medical conditions such as diabetes, hypertension, and eclampsia.

“We found that African-American women experience preterm birth not only at increased rates as compared with Caucasian women but also at earlier gestations and with increased repetition for a woman who has had at least two babies,” says Louis J. Muglia, senior author and professor of pediatrics and of obstetrics and gynecology.

“We also found that subsequent preterm births to a mother happen at the same week as her original preterm birth,” he adds. “These findings highlight the importance of race, particularly alter correction for other risk factors, and suggest a possible genetic component that may underlie the public health problem presented by the racial disparity in preterm birth.”

F. Sessions Cole, assistant vice chancellor for children’s health at the medical school and director of the pediatric newborn medicine division and chief medical officer at St. Louis Children’s Hospital, says, “This study helps set the stage for identification of novel genomic strategies to understand fundamental mechanisms responsible for the epidemic of prematurity in the United States.”

Brain Uses Memories to Imagine the Future

“Memory may be just as important to imagining the future as it is to remembering the past,” says Karl Szpunar, a graduate student in psychology in Arts & Sciences and lead author of “Neural substrates of envisioning the future,” recently published in the Proceedings of the National Academy of Sciences. “The ability to envision the future appears to be based within and reliant upon the same neurally distributed network used to retrieve autobiographical memories—a true back-to-the-future scenario.”

University researchers used functional magnetic resonance imaging of the brain to show that remembering the past and the ability to imagine oneself participating in a future event may go hand in hand, with each process sparking strikingly similar patterns of activity within precisely the same broad network of brain regions.

“The study sheds new light on how the human mind relies on the vivid recollection of past experiences to prepare itself for future challenges,” explains Kathleen McDermott, associate professor of psychology in Arts & Sciences and of radiology in the School of Medicine, principal investigator for the psychology department’s Memory & Cognition Laboratory, and senior author of the article.

McDermott explains that although the frontal lobes play a well-documented role in carrying out future-oriented executive operations, the spark for these and other activities may well be the process of envisioning oneself in a specific future event.

This research helps explain a previous finding that an amnesic person who can’t remember the past also will have difficulty thinking about a personal future, adds study co-author, Jason M. Watson, M.A. ’00, Ph.D. ’01, assistant professor of psychology at the University of Utah in Salt Lake City.
Student Design Revolves Around Trolley Turnaround

When most people look toward the old Wellston Loop trolley turnaround shed on Dr. Martin Luther King Drive, they see only a burger joint amid urban decay. However, four architecture students—working as one of 22 teams in the Community Building, Building Community program in the College of Architecture in the Sam Fox School of Design & Visual Arts—envisioned it as part of their proposal for a Loop Turnaround Retail Plaza.

In fall 2006, Bob Hansman, associate professor of architecture, had 63 students in the course, which he created, propose Loop development aimed at returning it and surrounding parts of Dr. Martin Luther King Drive to a thriving business and social area. The entire course helps students better understand the basics of architecture and its cultural context.

Before making proposals, the students—all in their first year—studied the community by walking its streets, photographing buildings, interviewing citizens, and making a block-by-block model of the entire surrounding area.

After seeing the students' legwork in the community, Don DeVivo, president of the Wellston Loop Community Development Corp. and a realtor who owns several area properties, got involved in the program and joined a community group that critiqued the students' work. He says his development group has plans to hire a professional architect to work with the students.

Honors & Recognition

Fifteen faculty members were named to endowed professorships: Costas C. Azariadis, professor of economics, as the Edward Mallinckrodt Distinguished University Professor in Arts & Sciences; William E. Buhro, professor of chemistry, as the George E. Pake Professor in Arts & Sciences; Graham A. Colditz, of Harvard University, as the Niess-Gain Professor and associate director of prevention and control at the Siteman Cancer Center at the School of Medicine and Barnes-Jewish Hospital; Enrico Di Cera, the Roy and Diana Vagelos Professor of Biochemistry and Molecular Biophysics, and remaining as professor of medicine; Thomas E. Ellenberger, the Raymond H. Wittcoff Professor of Biochemistry and Molecular Biophysics, and department head; Kenneth F. Kelton, professor of physics, as the first Arthur Holly Compton Professor in Arts & Sciences; Evan D. Kharasch, as the Russell D. and Mary B. Shelden Professor of Anesthesiology; Stephen H. Legomsky, as the John S. Lehmann University Professor, in the School of Law; James T. Little, as the Donald Danforth, Jr. Distinguished Professor of Business; David J. Murray, as the Carol B. and Jerome T. Loeb Professor, in anesthesiology; Anthony J. Muslin, as the Oliver M. Langenberg Distinguished Professor of the Science and Practice of Medicine; Collin G. Nichols, the Carl F. Cori Professor in cell biology and physiology; Himadri B. Pakrasi, the George William and Irene Koechig Freiberg Professor of Biology in Arts & Sciences (and professor of energy in the School of Engineering & Applied Science); Jeffrey F. Peipert, as the first Robert J. Terry Professor of Obstetrics and Gynecology; and Lihong Wang, the Gene K. Beare Distinguished Professor, in biomedical engineering.

Kathleen Clark, professor of law, was elected to the American Law Institute.

Gerald L. Early, the Merle Kling Professor of Modern Letters and director of the Center for the Humanities in Arts & Sciences, received the Phi Beta Kappa Award for Distinguished Service to the Humanities.

Four faculty members were named fellows of the American Association for the Advancement of Science—Eugene M. Johnson, professor of neurology and of molecular biology and pharmacology; H. Mark Johnston, professor of genetics; William B. McKinnon, professor of earth & planetary sciences in Arts & Sciences; and Alan L. Schwartz, the Harriet B. Speeher Professor and head of the Department of Pediatrics.

Stanislaw Kluz, a Fulbright researcher in economics at the University in 1999–2000, has been named minister of finance for Poland.


Enola K. Proctor, M.S.W. ’78, the Frank J. Bruno Professor of Social Work Research and associate dean for research at the George Warren Brown School of Social Work, was appointed to the National Advisory Mental Health Council of the National Institutes of Health.

Jonathan S. Turner, B.S. ’77, B.S. ’77, the Barbara J. and Jerome R. Cox, Jr. Professor of Computer Science, has been elected to the National Academy of Engineering.

Robert E. Wiltenburg, dean of the University College in Arts & Sciences, was named president of the University Continuing Education Association.
Saliva Reveals Sleep Deficit

University scientists have identified the first biochemical marker linked to sleep loss. It’s an enzyme—amylase—that occurs in saliva. Amylase, which belongs to a family of enzymes that breaks down starch, increases in activity when sleep deprivation is prolonged.

Researchers hope to make amylase the first of a panel of biomarkers that will aid diagnosis and treatment of sleep disorders and may one day help assess the risk of falling asleep at the wheel of a car or in other dangerous contexts.

“We hope this finding will get people thinking about the dangers and costs of sleep deprivation,” says lead author Paul J. Shaw, assistant professor of neurology. The study recently appeared in the online edition of Proceedings of the National Academy of Sciences.

Shaw’s lab was first to show that fruit flies enter a state of inactivity comparable to sleep. Like humans, flies deprived of sleep one day will try to make up for the lost time by sleeping more the next day, a phenomenon referred to as increased sleep drive or sleep debt.

To identify a marker for sleep debt, Shaw decided to look in saliva. It was an attractive target because the brain areas that regulate sleep drive also send signals to areas regulating salivation. In addition, saliva is easily accessible and contains many of the substances found in blood and urine, making it an increasingly popular target for diagnostics.
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Bob Drews and his wife Lorene have found charitable life income plans to be a great and personally satisfying way to support Washington University School of Medicine while receiving tax benefits and a life income.
n early October 2005, storms associated with Hurricane Stan whipped across Central America, dropping torrential rains and causing widespread flooding and mudslides in Guatemala, El Salvador, and parts of Mexico. More than 1,600 people lost their lives, and property damage was estimated between $1 and $2 billion. Since this horrific event, residents of poverty-stricken areas have been slowly rebuilding their villages, homes, and lives.

In the following month, November 2005, a group of Washington University engineering students, led by Ben Bocher, B.S.C.E./M.S.C.E. '06, and Professors Michael Nobs and Andrea Heugatter, completed the process of founding a chapter of Engineers Without Borders (EWB), begun the preceding May. (The international grass-roots organization has some 200 chapters in the United States alone.) In EWB, University students align their personal and professional goals with the organization’s two-fold mission: 1. to reach out to neighbors worldwide with sustainable engineering solutions to infrastructural challenges, and as a consequence improve the standard of living; and 2. to create socially aware engineering students and professionals.

"Not only do we reach out to people in other countries, or actually in our own city, who need engineering help,” says Frank Bergh, Engineering Class of '08, president of the University’s chapter of Engineers Without Borders, “we also hope to change our own perspectives on the world and to become more socially aware in our own lives.”

Frank Beling, Engineering Class of '08 and EWB’s treasurer; Daniel Payne, Engineering Class of '07 and EWB’s vice president; and Allison Rowe, Engineering Class of '09, are among the students who take Engineers Without Borders’ charge seriously. Over spring break this past March, they and their project advisor, Michael Nobs, a professor in civil engineering, traveled to Antigua, Guatemala, to work with the God’s Child Project (GCP). The team surveyed two building sites for future health-care clinics and education centers and began work to design more sustainable housing.

The God’s Child Project (www.godschild.org) is an organization that works to “combat the poverty of the region through educational solutions.” GCP maintains a number of schools and orphanages in Guatemala, as well as programs encouraging international benefactors to sponsor children for their educational and food and clothing needs.

"Through our help with construction of new community centers, the God’s Child Project will be able to reach a wider population in the area surrounding Antigua, providing education and medical aid to an even greater number of children,” says Rowe. “With a more efficient
design, the volunteer-built houses can be built faster and cheaper, again with the intent of giving as many families as possible a safe and comfortable place to live.”

Engineers Without Borders’ relationship with the God’s Child Project, which was precipitated by alumnus and quality engineer Dale Besterfield, B.S. ’53 (Ph.D. ’71, Southern Illinois University), was not confined to a single week in March. The relationship began in October 2006 when the founder and executive director of GCP, Patrick Atkinson, met with Besterfield and EWB leadership to discuss future collaboration. Over the next few months, the relationship evolved through frequent phone calls and e-mails. Discussions of the health-care center intensified between University volunteers and GCP’s leadership as the time neared for the students’ first visit to the region. Following the successful trip, plans are under way for students and faculty to return to Antigua in August 2007, while construction on the education center is beginning. The University’s Richard A. Gephardt Institute for Public Service has provided a $7,500 grant to support the project. Further, EWB students plan to travel over subsequent breaks for several years to continue working with the God’s Child Project. Their objective is to establish a five-year relationship.

The University’s chapter receives administrative and development guidance from the national Engineers Without Borders organization, which recommends staying with a community for the long term. Of utmost importance is making sure the people who are being helped know all there is to know about new facilities as well as how to properly maintain them. Establishing an enduring relationship also enables EWB members to actually see how their project is serving the needs of the community—and what additional work could benefit them.

“We’re hoping to create a sustainable relationship and not just throw up a building and leave,” Bergh says. “We’re hoping to foster a relationship that is as sustainable as our buildings.”

Fostering relationships is paramount as well to the 50 to 60 Engineers Without Borders students working on projects in the St. Louis area. With the North Grand Neighborhood Services organization, for example, EWB students are providing volunteer labor for the rehabilitation of homes, which then are made available for well below market price for those in need in North St. Louis.

Working with Gateway Greening, an urban farming community that provides plants for urban green spaces, students are designing a “port-a-cooler”—a mobile refrigeration unit that will assist in keeping crops from spoiling during transportation.

For the Karen House, a shelter for female victims and children of domestic violence, EWB students are assessing the facility’s needs—eventually to upgrade it and make it more comfortable and welcoming.

Outside St. Louis, EWB students assisted the Action for Water in Education Foundation in El Salvador in May 2006. There, students discussed bringing running water to an isolated mountain village. During spring break 2006, EWB students traveled to New Orleans to assist in hurricane relief efforts.

In determining projects, the University chapter—which is becoming more visible on campus each semester—has several committees: local work, international work, fund-raising, engineering-enrichment, and executive. Bergh, as president, has overall administrative responsibilities, but each project has its own manager.

“Our group offers a lot of opportunity for students to define their own passions, take the lead on an initiative, and bring other students with them to make it a reality,” Bergh says.

The University’s chapter engages students outside specific projects. At meetings, the group often discusses broad-based engineering topics. Last semester, it hosted an architecture professor who spoke on sustainable design; and plans are under way to bring in faculty or professional engineers to talk about solar power and potable water.

In October 2006, EWB-USA selected Washington University to host a training workshop for all student and professional Midwest Engineers Without Borders chapters. And engaging students further, the group held a design contest on sustainable housing.

The contest’s objective was to advance current housing designs for the God’s Child Project. The winners, Brian Backsheider, Engineering Class of ’07; Mark Hendel, Engineering Class of ’07; and Mark Goldman, Engineering Class of ’10, received a cash grant and created a prototype of the design, which was presented as part of “Green 13” at Thurtene Carnival on April 21–22, 2007. (See the online summer magazine, magazine.wustl.edu, for more details.)

As the key faculty member on projects in Guatemala, Nobs sees an unparalleled opportunity for students.

“These students definitely want to create something beneficial for others, while enjoying the opportunity to practice significant engineering,” he says. “Engineers Without Borders is an outstanding complement to their University education.”

Terri Nappier is editor of the magazine.
In the 1960s film *Fantastic Voyage*, five travelers are reduced to microscopic size and injected into the bloodstream of an ailing scientist. Their mission? Find a blood clot in the scientist’s brain and destroy it with a targeted laser. Four decades later, “miniaturizer” beams remain the stuff of science fiction, but Washington University researchers are developing targeted techniques to find and destroy blood clots, tumors, and more—using particles no larger than those fictional travelers.

“We’re trying to change the way drugs are delivered,” explains Samuel Wickline, professor of medicine and of biomedical engineering, physics, and cellular biology. Along with Gregory Lanza, associate professor of medicine and of biomedical engineering, Wickline leads a team of medical researchers working in the growing field of nanotechnology.

The prefix *nano-* means *one billionth*; Wickline and Lanza’s work focuses on particles that are around 200 nanometers, or 200 billionths of a meter, wide. A strand of human hair,
THINKING SMALL MAY LEAD TO Big Results in Medical Care

Professors Samuel Wickline and Gregory Lanza are combing the nano-landscape discovering better ways to detect, diagnose, and treat cancer and heart disease.

BY JANNI SIMNER

by comparison, is about 80,000 nanometers wide; even a single red blood cell is around 7,500 nanometers wide. What makes Wickline and Lanza’s nanoparticles so valuable is not just that they’re so small, though; it’s that groups of very small particles, taken together, have a very large surface area. That might seem like a contradiction, but imagine trying to stuff a basketball into a small cardboard box. You could probably only fit one basketball into that box, but you could pack dozens of golf balls into the same space. What’s more, the golf balls, taken together, have a larger surface area than the basketball taken alone.

A collection of nanoparticles has a larger surface area still—millions of times larger. Wickline and Lanza are developing ways to load all that extra space with combinations of molecules that larger particles wouldn’t have room for, in hopes that those particles then can be injected into the bloodstream and sent on a voyage of their own to locate, image, and treat disease.
One of their primary focuses is cancer diagnosis and treatment, thanks in part to the National Cancer Institute, funder of the University’s Siteman Center of Cancer Nanotechnology Excellence. Wickline and Lanza are using nanoparticles to attack cancer in two basic ways. First, they’re designing particles that carry both targeting molecules and tumor imaging agents. The targeting molecules locate and “latch on” to tumors; the imaging agents then provide a detailed picture of those tumors when viewed by an MRI or CAT scan—and they do so at an earlier stage than most cancers currently can be detected.

Second, the researchers are designing particles that carry both targeting molecules and cancer drugs. Again, the targeting molecules latch on to tumors, with the result that medication gets delivered directly to the cancerous tissue, and not to the rest of the body, in much the way the travelers in Fantastic Voyage delivered their laser to a single blood clot, leaving their patient otherwise unharmed. Currently, chemotherapy drugs often do harm to more than just the tumor they’re attacking; some of those drugs have life-threatening side effects. Targeted drugs also can be given at far lower doses than untargeted ones. “And if you can give 10 or 100 times less drug over the course of chemotherapy, you’ll have less toxicity,” Wickline says.

“We don’t like the fact that cancer treatment can be as horrific as the disease,” Lanza adds. He envisions a future where early detection and targeted therapy are the norm, and where both surgery and system-wide medication delivery become a secondary line of cancer defense.

Wickline, Lanza, and their colleagues also have been using nanoparticles to attack the causes of heart disease. Patrick Winter, research assistant professor of medicine, used Wickline and Lanza’s work to deliver a drug called fumagillin directly to the blood vessels that feed artery-clogging plaques. Winter’s study was conducted in rabbits, and he found that the drug successfully inhibited the growth of new blood vessels, and did so at doses 50,000 times lower than the doses used in previous, more traditional fumagillin trials.

Neither fumagillin nor its analogue, TNP-470, are FDA approved for systemic use in patients due to toxicity, but Wickline and Lanza’s work may one day allow researchers to revisit the use of many drugs like these, drugs that are effective but that also carry intolerable side effects at high doses.

Wickline and Lanza agree that cancer and heart disease are just a starting point. Nanotechnology can be applied to other diseases as well, especially diseases where inflammation plays a role, such as rheumatoid arthritis and macular degeneration. Ultimately, Wickline says, “Our goal is to prevent disease from getting to the point where patients become symptomatic.”

“WHAT’S THE POINT OF DOING THIS RESEARCH IF WE’RE NOT TRYING TO CHANGE THE STANDARDS OF CARE?”

Wickline and Lanza have worked together since the early 1990s, when Lanza was a cardiovascular fellow in Wickline’s lab. From the start, they brought complementary skills to their work. Wickline had a physics, engineering, and medical imaging background; Lanza had a genetics and chemistry background, along with pharmaceutical experience he acquired as a research manager at Monsanto Co. They both saw a need for better ways to find and image diseased tissue, and that need led them to start experimenting with nanoparticles. “When you look at a regular chest X-ray or MRI, you get a good idea about the shape and size of organs,” Wickline says. “But we needed agents that would identify specific molecules and markers. We needed a technology that would let us work at the molecular level.”

From the start, Wickline and Lanza relied not only on their own partnership, but on the collaboration and teamwork of everyone in their lab, which includes a mix of technicians, graduate students, and postdocs. “Great ideas, like great music, come from people working together and playing off each other,” Lanza says of that team.

Wickline adds: “I like our ability to think outside of the box while still putting something together that works for patients. When you put different kinds of people together, you can think broadly and range widely, while at the same time not losing focus on our patients.”

Wickline and Lanza both say that in the end their work is always about the patients; they’re committed not only to conducting research, but also to seeing the results of that research reach the public. When they first tried to interest drug companies in developing nanotechnology-based products, though, they met some resistance; companies were wary of investing in a new technology without a long track record. Wickline and Lanza finally decided to found their own company, Wickline says, “in order to move this work out of the lab and into clinical trials.”

That company became Kereos, Inc. Wickline and Lanza do not run Kereos, but they do play an ongoing advisory role: Wickline as a board member, Lanza as chief scientific officer. Wickline and Lanza work with Robert A. Beardsley, president and CEO, and others to transfer their research and knowledge to Kereos’ pharmaceutical setting. Kereos works with other companies in turn, such as Bristol-Myers
Squibb and Philips Medical Systems, to develop products for doctors and patients. Some of those products may reach the public within just a few years; the first trials of a tumor imaging agent are scheduled to begin later in 2007.

“Our real purpose is to reach the clinic,” Lanza says. “What’s the point of doing this research if we’re not trying to change the standards of care?” Wickline adds, “The definition of innovation in a practical sense is to change the way we practice medicine—that is our goal.”

Wickline and Lanza continue to occasionally treat clinic patients themselves; Lanza says seeing those patients helps keep their research in perspective. “We work on breast cancer, and I hate that disease because I’ve taken care of patients, 42-year-old women, with terminal breast cancer,” Lanza says. “We work on a lot of problems that really annoy me. My dad died of cancer. My mom died of a stroke. Who hasn’t known someone who has had a heart attack? The idea that we can maybe hit some of these things and change how they go for people—that’s plenty of motivation.”

The work itself continues to provide motivation as well, Wickline says, precisely because nanotechnology is still in its infancy. “It’s fulfilling to answer one question, but it’s even more exciting to get to choose among the 10 new questions that pop up when you do. It’s never ending, and that’s the fun part. It’s always new, and that’s a delight.”

Courting Change

In her influential research, law Professor Margo Schlanger looks at ways litigation induces institutions, in particular prisons and jails, to reform themselves.

BY JUDY H. WATTS

On any given day, more than 2.2 million people are confined in the nation's nearly 5,000 jails or prisons; over the course of a year, as many as 13.5 million spend time there. According to the June 2006 report of the Commission on Safety and Abuse in America's Prisons, which includes these figures, some people may be legitimately deprived of liberty—but they cannot be victimized, abused, or neglected. "We must remember," the authors note, "that our prisons and jails are part of the justice system, not apart from it."

Law Professor Margo Schlanger is acutely mindful of the place of such institutions in the justice system. An authority on jails, prisons, and litigation, she sits on the private, nonpartisan commission, which Nicholas de B. Katzenbach, former U.S. attorney general, and John J. Gibbons, former chief judge of the 3rd U.S. Circuit Court of Appeals, co-chair. A large portion of her innovative, interdisciplinary legal research is devoted to court proceedings involving the civil rights of people in jails and prisons.

After graduating from Yale Law School in 1993 and completing a two-year clerkship for Justice Ruth Bader Ginsburg of the U.S. Supreme Court, Schlanger became a trial attorney with the Civil Rights Division of the U.S. Department of Justice, enforcing civil rights that primarily involved jails, prisons, and police departments, and seeking to reform troubled institutions through litigation. Her academic research—which in varying combinations and degrees is empirical, methodological, and theoretical—began while she was an assistant professor of law at Harvard from 1998 to 2004. Much of her scholarship then and now concerns how litigation induces the sued institutions to change their behavior. She also has taken a theoretical look at the ways institutions' thinking changes when they are faced with major lawsuits and has analyzed the mechanics involved.

In "Beyond the Hero Judge," her first article in this vein, Schlanger describes the ways lawyers for the two parties structure their relationship using litigation as a method of disputing. [All of Schlanger's publications are on her faculty Web site: http://schlanger.wustl.edu.] Arguing against conventional wisdom—as she does repeatedly in articles filled with interesting findings—she critically examines prison and jail court orders, which
Margo Schlanger is a professor of law.
A large portion of Professor Margo Schlanger's interdisciplinary legal research is devoted to court proceedings involving the civil rights of people in jails and prisons. "shed light on other flavors of institutional reform cases." Among her points are that "the orders themselves have always been less the result of heroic judging ... than of a process in which prison and jail administrators, state and local counsel, prisoners' rights lawyers, inmates, and judges all play crucial roles." Accordingly, she writes, in part, civil rights injunctive practice (which seeks policy or operational change) is less affected by the increasingly conservative federal bench than many observers think.

HOLDING INSTITUTIONS TO ACCOUNT
Schlanger's Harvard Law Review article "Inmate Litigation" examines such factors as when prisoners brought lawsuits and against whom, and then analyzes the effects on the institutions involved. "Regardless of how the lawsuits come out," she explains, "they hold institutions to account, and that tends to make them more attentive to the law."

Most recently, in "Civil Rights Injunctions Over Time: A Case Study of Jail and Prison Court Orders," which appeared last year in the New York University Law Review, Schlanger explores another side of civil rights litigation and continues to think about it as a forum for disputes rather than as a direct source of law. She describes the landscape—how suits by groups of inmates rather than individuals changed over time—and then provides a more theoretical analysis of what those changes meant to defendants. She also suggests that, contrary to established thinking, "there is every reason to believe that public law litigation and structural reform are alive and well in many arenas," and she predicts that the story of such decline "will frequently prove false on systematic inquiry, as it has in jails and prisons."

Research that includes such quantitative and qualitative empirical work defines the agenda of a weekly faculty super-seminar, the Workshop on Empirical Research in the Law. "It's an intellectual treat," Schlanger says. "It has been such a great thing for me to talk with colleagues interested in the subject of empirical methods, and I think it really has pushed my work ahead."

Other assets in Schlanger's professional portfolio are more methodological pieces. One, for example, analyzes for other researchers the reliability of the Administrative Office of the U.S. Courts' huge public database and suggests solutions for its flaws. A different set of articles focuses on the law and theory of torts—wrongful civil acts, deliberate or accidental, that injure another person. Among these are "Second-Best Damage-Action Deterrence," a law-and-economics analysis of
Schlanger's article "Inmate Litigation" examines such factors as when prisoners brought lawsuits and against whom, and then analyzes the effects on the institutions involved. "Regardless of how the lawsuits come out," she explains, "they hold institutions to account, and that tends to make them more attentive to the law."

How litigation and doctrine together shape the deterrent signal that lawsuits send to institutions with myriad lawsuits against them, and "Hedonic Damages, Hedonic Adaptation and Disability." Schlanger wrote the latter—a soon-to-be published tort theory piece that addresses an important legal controversy—with her husband, Samuel Bagenstos, a professor of law who recently was appointed School of Law associate dean.

The common denominator of all Schlanger's articles, including those not mentioned here, is litigation and the ways it affects the people who experience it.

Speaking from the perspective of the scholarly community, James B. Jacobs, the Warren E. Burger Professor of Law at New York University Law School, is emphatic about Schlanger's contributions. "Margo is a terrific scholar," he says. "Her empirical and conceptual research on the flow and impact of prisoners' rights litigation is the best scholarship to date on this subject. She has enormous energy, great intellectual powers, and impressive scholarly creativity. In addition to all that, she is charming and a joy to spend time with." He adds, "I wish I had her as a colleague here at NYU."

Creating Civil Rights Litigation Database

For years, Schlanger's work required examining the court orders in civil rights cases—documents that often were exceedingly difficult to locate. Because she "thought it pathetic that there was no way to get them more easily," she characteristically decided to do something about the situation.

With support from Kent D. Syverud, dean and the Ethan A.H. Shepley University Professor at the School of Law, and the new Center for Empirical Research in the Law, Schlanger led a database-development team of more than 50 students from the law school and the American Culture Studies Program in Arts & Sciences. The result: the Civil Rights Litigation Clearinghouse, a cutting-edge database that houses thousands of documents related to more than 1,000 civil rights injunctive cases in a multitude of areas. Unusual because it provides comprehensive case information, the database is available to the public at http://clearinghouse.wustl.edu.

All Schlanger's academic efforts will unquestionably serve the greater good; she also is very involved in public service. In addition to being a member of the prison commission, she is among the lawyers for the plaintiffs in an ongoing fight against a punishing ordinance directed at immigrants in the City of Valley Park, Missouri. Other pro bono work includes representing the American Civil Liberties Union as counsel of record in Supreme Court litigation and participating in efforts to amend the Prison Litigation Reform Act.

The law, of course, is also part of Schlanger's home life with Bagenstos, whom she met in the Justice Department, and her 7-year-old daughter and son. "The children like stories," she says, "and we've long since run out, so now they ask us to tell them a case. Then they say, 'Who won?' And then they ask, 'Who should have won?'"

University Nurtures Academic Entrepreneurship

So what does an East Coast Ivy-leaguer who once worked at The New Yorker say about academic life at a premier Midwestern university? That venerable magazine's ex-fact checker—who so enjoyed working on legal stories that she decided to go to law school—is enthusiastic.

"Washington U. is a terrific place! I have very interesting colleagues and lots of support for what I want to do. Collaborating across schools is easy. That has been lovely, and I have learned a lot from my colleagues in economics and political science. This is a place where academic entrepreneurship can be very fruitful."

That's not all. Schlanger says the students—both law students she teaches and the Arts & Sciences undergraduates who helped build the Clearinghouse database—are "terrific." And she says her law students one of the highest compliments possible. "They are not only smart," she says, "they are kind. They are interested in learning and helping to teach one another. They're wonderful to work with."

She adds: "I tell my students they should take moral responsibility for their professional choices. They should only take a job that they think is both fun and in some way good for the world. Someday we'll tell our kids the same thing."

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

Washington University is partnering with universities around the globe in the McDonnell International Scholars Academy, creating a new model for international cooperation in education and research.

ST. LOUIS, once America's Gateway to the West, could become a gateway to the East and beyond thanks to an ambitious and burgeoning Washington University global initiative that is building international bridges with top universities, scholars, faculty, government agencies, and corporations.

Though just in its inaugural year, the McDonnell International Scholars Academy is already stimulating research collaboration across continents, networking across disciplines, and learning across cultures—new ventures helping to augment the University's international presence in an evolving educational world.

"The Academy represents a new model for international cooperation in education and research," says Chancellor Mark S. Wrighton. "We are extremely proud of our first group of truly outstanding McDonnell Scholars, and we are proud of recently recruiting our second cohort."

Opening its doors in 2006 with a $10 million endowment from John F. McDonnell and the JSM Charitable Trust—an endowment now grown to $27 million—the Academy brings to campus select graduate and professional students from partner universities worldwide to work toward advanced degrees and learn about American culture and international issues. With additional funding from sponsoring corporations and foundations, and other groups and individuals, the scholars receive full tuition, financial support, and housing while being exposed to leadership training and special educational and cultural events.

"The Academy is more than just a good deal to get through graduate school," says James V. Wertsch, director of the Academy and the Marshall S. Snow Professor in Arts & Sciences. "It's a leadership program for future world leaders."

BROADENING PERSPECTIVES OF FUTURE GLOBAL LEADERS

That view is echoed by Ryotaro Kato, a McDonnell Academy Scholar from the University of Tokyo, where he earned an M.D. before a residency at Barnes-Jewish Hospital in St. Louis and subsequent entry into the Washington University School of Law's J.D. program.

"Without the generous scholarship from the McDonnell Academy, I'm not sure I could have afforded to finish my last year of law school," says Kato.

But equally important has been his exposure through the Academy to other disciplines and cultures, and a deepened understanding of American society, which are informing his professional future.

"I'm getting new thoughts and new ideas," says Kato, "on what to do with my career," which will likely blend medicine and law in medical ethics, intellectual property, and health-care policy.

Kato's metamorphosis has come about not only through leadership training programs and events but also through the collegial environment given Academy Scholars, who live together, travel together, and attend cultural events as a group.

"I enjoy the camaraderie and meeting students from other Asian countries, who all share the same struggles adapting here. Previously I met few non-Americans in the hospital or law school," says Kato. "But these scholars from other countries and other disciplines are broadening my perspective, adding international and interdisciplinary understanding."

BUILDING INTERNATIONAL, INTERDISCIPLINARY NETWORKS

Kato notes that, in 1905, U.S. President Theodore Roosevelt stepped in to help negotiate an end to the Russo-Japanese War, thanks in large part to his prior collegiate friendship with a high Japanese official named Kentaro Kaneko. While Kato holds no illusions about participating in any future international events quite as...
dramatic, he argues: “One bullet can change the world, but one friendship can heal the world. I hope that my friendship with other scholars may one day make a difference. I’m impressed by all McDonnell Academy Scholars who are top-notch and will be successful.”

Ming Zu, the Cabot Corp. Corporate Fellow from Tsinghua University, underscores the importance of the network-building already taking place among Academy Scholars, partner universities, and their faculties.

“It’s a great opportunity to build a network with scholars,” she says, “Most now are from Asia, but next year we’re expanding around the world.”

That relationship-building comes in part from organized Academy cultural activities, such as symphony and jazz-club visits; a spring trip to Washington, D.C., to meet members of Congress, government officials, research-funding experts, think-tank scholars, and more; and from informal events, such as ad hoc dinners where the scholars each bring a dish from their Chinese, Indian, Japanese, Korean, Singapore, Taiwanese, or Thai hometown.

“It’s a multicultural learning experience and such a great opportunity to build a network—a different, bigger sort of network,” says Zu, “not just of scholars but including deans, professors and chancellors, politicians, and business executives.”

Zu, after graduating with a degree in electronics engineering from Tsinghua University in Beijing, worked as a software engineer for a Texas chemical manufacturer; this summer she is interning at Emerson Corp. in St. Louis as part of her Olin School of Business M.B.A. training.

I’m getting to meet great minds from U.S. companies, amazing people, and to hear how they succeeded. It’s a great opportunity to learn,” she says, “and to prepare for a career in global business.”

FORMING A GLOBAL VIEW FOR GLOBAL VENTURES

Given the international importance of the American, Chinese, and Indian economies, Vikram Govindan, the Monsanto/Dr. Norman Borlaug Corporate Fellow, is gaining a valuable and expanded view of his future opportunities as a global entrepreneur, thanks to his Academy encounters with American business leaders and Chinese scholars.

“India has a lot to learn from both the United States and China,” says the Olin School of Business M.B.A. candidate from the Indian Institute of Technology Bombay. But the learning doesn’t stop there for Govindan. “My roommate is Korean, and other scholars come from other cultures, so I’m learning a lot from people all over the world.”

While admitting that cold St. Louis winters “take some time to get used to,” Govindan found a warm reception at St. Louis–based Monsanto.

“Visiting Monsanto, I’ve gained considerable understanding of the business, and my internship there is a logical extension of the M.B.A. program,” says Govindan.

Govindan also praises the “very high quality” of his Olin School of Business professors and classmates, and the Academy activities that steep him in American culture.

FINDING COMMON GROUND ON INTERNATIONAL DIFFERENCES

While the Taiwan Strait and tumultuous 20th-century history separate Taiwan from the People’s Republic of China, scholars from both sides of the strait come together collegially at the Academy.

“The McDonnell Academy is like a big family,” says Ta-Chih Hsiao, the Boeing Corporate Fellow from
Building Academic Bridges—And More

Peking University graduate Ziyang Zhang concurs with Hsiao’s assessment of their Academy colleagues and international networking.

“They are among the best students in Asia. I’m looking forward to more chances to get to know them better and work with them,” says Zhang, the Tyco Healthcare/Mallinckrodt Corporate Fellow.

And that developing international network extends beyond the Academy Scholars to their partner universities, faculties, and administrations—facilitated by McDonnell International Academy Ambassadors. (See “McDonnell Academy Ambassadors Solidifying Worldwide Partnerships” above.)

Each scholar benefits from the individual guidance of a Washington University faculty member, who acts as their mentor. They work with their mentor to identify and establish an area of research collaboration, and work together to develop a research project. The mentor provides guidance and support, helping the scholar to develop their research skills and understand the cultural and academic differences they may encounter.

For example, Pratim Biswas, a National Taiwan University scholar who came to the Academy after earning his master’s degree in environmental engineering at Stanford University, enjoys talking with mainland Chinese scholars, fellow Chinese speakers, says Hsiao. “The Academy provides a platform for us to work together. They’re all excellent students, and we talk openly on any issue, any problem.”

While that sort of international communication and camaraderie bodes well for the world’s geopolitical future, it also provides hope for solving entrenched global problems, such as energy and the environment, says Hsiao, an environmental engineering Ph.D. candidate in the School of Engineering & Applied Science.

“The environmental issue will continue to be a hot issue,” he says, “and since this issue is so closely related to that of energy, the struggle becomes like a seesaw.” (See “Academy Hosts International Symposium on Energy and Environment” on page 25.)

Not only is the McDonnell International Scholars Academy already paying significant dividends to its scholars through its financial support, leadership training, and cultural broadening, it’s also enhancing Washington University’s global presence and international research efforts, thanks in large part to the work of its faculty ambassadors.

“While that sort of international communication and camaraderie bodes well for the world’s geopolitical future, it also provides hope for solving entrenched global problems, such as energy and the environment, says Hsiao, an environmental engineering Ph.D. candidate in the School of Engineering & Applied Science.”

“By developing these linkages,” he says, “we see how we can apply our technology to other parts of the world. It’s just the beginning, and it’s very satisfying and very exciting.”

In March 2007, Biswas traveled with Chancellor Mark S. Wrighton; James V. Wertsch, Academy director; some 25 other faculty and staff; and members of WUSTL’s International Advisory Council for Asia to Chulalongkorn University in Bangkok to build multilateral networks and collaborations with South Asia institutions.

Says Wrighton: “The Academy Scholars, the Academy Ambassadors we have appointed, and the programs engaging our partner universities all contribute to our overarching ambition of building understanding and cooperation among people and institutions of the world.”
as liaison with the scholar’s home university, working to establish research and other collaborations across disciplines and traveling with the scholar annually to the partner university.

“Our Academy Ambassadors are some of the best professors at the University,” says Zhang. “We meet frequently and talk a lot. It’s a great chance to set up connections with them and learn from them.

“We will travel with ambassadors back to our schools once a year, where there will be more communications with chancellors and professors there,” Zhang continues. “This will strengthen collaborations between Washington U. and the top Asian universities where we come from.”

A chemistry Ph.D. candidate in the Graduate School of Arts & Sciences, Zhang also sees Academy-driven networks extending beyond university walls.

DEVELOPING LEADERSHIP SKILLS

Seoul National University Scholar Hong Min Park, studying in the political science doctoral program in the Graduate School of Arts & Sciences, sees the Academy offering him financial support, academic excellence, cultural exposure, and academic networking that add up to developing important leadership skills and resources.

Park, who earned a master’s degree in political science from Northwestern University and is conducting research on U.S. congressional politics, was particularly excited by the Academy’s March trip to Washington, D.C., which included visits with members of Congress and a stop at the Brookings Institution. But he’s also gratified by what he’s learning from his American hosts and his fellow international scholars.

“I can hear directly what Americans think. I’m also getting to learn about Chinese and Indian cultures,” says

University Partners and Faculty Ambassadors

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Shanghai

Fudan University (Ambassador James T. Little)
Park. "The chancellor and a lot of high-level professors care a lot about Academy Scholars and believe the Academy is a base for the University to go international. It’s an ambitious goal, and I’m proud to be part of it."

GROWING INTERNATIONAL PARTNERSHIPS

The Academy currently boasts relationships with 20 partner universities (see list on page 24) across Asia and the Middle East, and it is working to recruit more worldwide, according to Wertsch.

“We will be looking for additional partners in Latin America, Africa, and Europe, including Russia and Eastern Europe,” he says. “And we may add a few more institutional partners in East and South Asia as well as Australia.”

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Academy Hosts International Symposium on Energy and Environment

Perhaps no global issue begs international collaboration as much as the environment. Fittingly, the McDonnell International Scholars Academy’s first thematic meeting of partner universities in May 2007 focused on the interrelated problems of energy and the environment.

The symposium brought together more than half of the presidents and 38 professors and administrators from partner universities; Academy Scholars; Washington University professors and administrators; attendees from foundations, government agencies, and research organizations; and noted speakers from business, education, and government.

The goal of the International Symposium on Energy and Environment (www.eer.wustl.edu), according to Pratim Biswas, chair of the University’s Department of Energy, Environmental, & Chemical Engineering, was to “establish environment and energy connections of global importance” and begin to make “a road map on how to address these issues and make progress.”

More specifically, the symposium worked to:

- identify globally important research and education areas in energy and environment;
- communicate areas of strength at each partner university;
- develop ideas for future collaboration that build on the synergies among and strengths of the universities;
- explore opportunities to submit joint proposals and seek funding to promote multilateral collaboration.

The symposium kicked off with a keynote address by Thomas Pickering, former U.S. ambassador to the United Nations, Israel, India, Russia, and others. Other speakers included Hugh Grant, CEO of Monsanto; Ralph Cicerone, president of the U.S. National Academy of Sciences; and Professor John C. Crittenden, Arizona State University, who lectured on sustainability in urban areas.

Subsequent sessions included a panel on Environmental Education and breakout groups on Aerosols and Air Quality and Health; Water Resources and Sustainable Systems; and Energy and Environment.

The Environmental Education panel explored collaborative approaches to environmental education. Participants also investigated opportunities to co-teach and exchanged information on energy and environmental curricula employed at their respective institutions.

“The symposium helped identify certain teams and energy interconnections of global importance,” says Biswas, “and facilitated discussions on what the United States and the world are doing. Further, it established environmental education benchmarks and stimulated an ongoing dialogue.”

In his closing remarks to the participants, Chancellor Mark Wrighton called for universities worldwide to marshal their resources for a global effort to secure a brighter, sustainable future. Speaking on behalf of the participants, Wrighton issued a call to action that can be viewed at the following: news-info.wustl.edu/news/page/normal/9470.html.

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Chancellor Mark S. Wrighton (left) and a panel of international university presidents discuss ways to move forward at the symposium’s concluding session May 7. Joining Wrighton are panelists (from left) Shenghong Wang, president of Fudan University; Chang Young Jung, president of Yonsei University; Khunying Suchada Kiranandana, president of Chulalongkorn University; Ural Akbulut, president of Middle East Technical University; Usman Chatib Warsa, rector of the University of Indonesia; and Si-Chen Lee, president of National Taiwan University.
Five Washington University alumni find success in writing plays and creating new theater; all grew under the inspiring tutelage of Carter Lewis, the University's playwright-in-residence.
There's only so much you can teach about playwriting. The rest is a cycle: Do it, fail, do it, fail, do it, fail—until something breaks through.

Carter Lewis, Washington University's playwright-in-residence, may be modestly underestimating the importance of his time with students in the classroom. But the well-known adage does translate to Lewis' craft: There's no better preparation for playwriting than playwriting itself.

"Playwriting is trial by fire," says Peter Hanrahan, A.B. '02, whose plays have been produced at theaters around the country. "It's an arduous process at times, and a revelatory process at others. But at all moments it's an invaluable, amazing experience."

Lewis, Hanrahan's teacher and mentor, says the difficulty in teaching playwriting is rooted in this fact: Writing a play doesn't begin and end with a solitary writer sitting at a computer. It's a process that involves dramaturgs, directors, actors, and even the audience, he says. Yet at Washington University, student playwrights have an unusual number of chances for "trial by fire."

"Washington University is such a great place for young playwrights because there are so many opportunities to test your skills and to mess up and learn something from it," says another of Lewis' former students, Dan Rubin, A.B. '03, M.A. '06. "The importance of actually doing productions can't be stressed enough. When actors get their hands on your work—that's when you really see what's happening with your writing."

The most structured and elaborate of the opportunities for student-playwright productions is the A.E. Hotchner Playwriting Festival and Competition, which has roots dating to 1988. A.E. Hotchner, A.B. and J.D. '40, who endowed the competition, is a novelist, playwright, and biographer best known for *Papa Hemingway*, his 1966 biography of his close friend Ernest Hemingway.

The Hotchner event began as an annual competition to award a student-written play with the honor of a Performing Arts Department (PAD) production. After Lewis came to Washington University, he added a festival/workshop component to focus less on competition and more on the development of several playwrights. Now the festival includes 10-minute and one-act plays, as well as full-length plays. All of the winners participate in a workshop together and have readings of their plays, and a full production happens every other year, allowing those plays to get the full attention of the PAD faculty directors.

The impact of this type of festival, which is rare among undergraduate programs, is clearly powerful in the development of young playwrights. Take Marisa Wegrzyn, A.B. '03, who was selected for the festival three times—she has since had a play premiered at the prestigious Steppenwolf Theatre in Chicago (as well as many other theaters in major cities) and signed with one of the country's top literary agents. And Hanrahan—his selected play helped him enter the respected M.F.A. playwriting program at Rutgers University (now he reads screenplays in Los Angeles for the United Talent Agency). Or Brian Golden, A.B. '04, one of the founders of Theatre Seven in Chicago—his own Hotchner-Festival play is being produced in venues around the country.

The Hotchner Festival clearly shapes young playwrights. In many cases it also inspires them to write plays in the first place.

"The Hotchner gives you a reason to write a full-length play under a deadline," Golden says. "There's no substitute for the animal of writing a 70-page play. It's the best introduction to playwriting you can get."
Other opportunities to be challenged and stretched as young playwrights at the University range from the Cast 'n Crew 10-Minute Play Festival, which showcases student-written, -acted, and -directed plays each spring, to the Day o' Shame playwriting slam, which challenges students to write, direct, rehearse, and perform a play within a 24-hour period. The student group Thyrsus—an organization started in 1904 and "revived" in 2002 by a student, Pushkar Sharma, A.B. '06—hosts the Day o' Shame, and it also performs site-specific plays.

"The playwriting program is basically two classes taught by an amazing professor, plus a bunch of courageous students and a community that fully embraces new work," Rubin says. "It isn't really as structured as a program, but it's ideal as a learning environment."

Rubin, who earned an M.A. in drama from the University and currently teaches writing to Washington University undergraduates and students in University College, describes the Hotchner Festival as "serious and all about revision," while the Day o' Shame is "crazy, intense fun" that's focused on trust and fearlessness.

"With the Hotchner you learn about not being so in love with your script that you can't see what you're doing," he says. "It's about being unafraid and accepting critique. It's about killing characters and letting go."

Workshopping plays for the Hotchner Festival involves inviting professional dramaturgs to work with the students. Alums say this is one of Lewis' strengths. He has brought some of the best dramaturgs in the country to campus, including Naomi Iizuka and Liz Engelman, who worked with Golden on his play Six Seconds in Charlott.

Golden's Hotchner-Festival play is scheduled for a 2007 summer production in New York.

"[Engelman] has such focus, sensitivity, insight, and a relentless pursuit of the next thing. It's amazing to work with her," Golden says. "Carter is also a real question-asker, pushing the writer without saying what's right or wrong."

This collaborative process is what so many young writers fall in love with, turning them into true (and successful) playwrights.

"What I love about new theater is that everyone's in the room, making changes on the spot," says Carolyn Kras, A.B. '05, who has spent the last year as the literary intern for City Theatre in Pittsburgh. "It's a more dynamic environment with the playwright in the rehearsal room. It's neat to see actors put your words into action—to see how the words change and how the play takes on its own life."

Wegrzyn feels the same.

"I took a shine to playwriting from working with the actors, directors, and dramaturgs," she says. "I liked all the feedback, and the fact that writing and rewriting could be such a collaborative experience. To enjoy writing plays you have to be open to collaboration. You can't be tight-fisted with your words."

This focus on collaboration is brought up again and again by all the alumni included in this article. In the end, it emerges as one of the key differentiators between playwriting and other forms of writing.
"If you're not into collaboration, you should write a novel or some poetry," Rubin says. "Theater is about losing control. It's about giving up ownership and trusting the people putting on your play."

Lewis, who has been teaching at the University since 2000, says collaboration and learning happen through a variety of experiences.

"Different levels of learning exist for a playwright. First, you learn when you're sitting there looking at the script, and maybe talking to people about it in class," Lewis says. "Then you learn even more when actors start asking questions about why they're saying or doing what you're having them do. Actors are truth monitors. Another level happens when you listen to your play with an audience, which means, of course, that a play is constantly in the process; it's never really done."

In the classroom

But a student has to actually write a good play before he or she can proceed to these subsequent levels of learning. Good playwriting does, in other words, start somewhere—like in Carter Lewis' classroom.

"Carter is very devoted to his students," Hanrahan says. "He has an uncanny ability to highlight strengths and weaknesses, making the most of our strengths but not shying away from the things that are missing from the play."

"Carter is very generous with feedback and constructive with criticism," agrees Wegryn. "He's always focused on improving the writing and improving the person as a playwright. He really pushes the idea of discovery."

When asked what's at the heart of good playwriting and how one goes about teaching it, Lewis focuses on the study of human behavior.

"There's a big difference between writing prose, which is about narrative, and playwriting, which is all about behavior," Lewis says. "In playwriting, you're not actually talking about anything. You're showing it, demonstrating it."

There's also a big difference between the styles and techniques of the playwrights. Lewis points out that all five of the alumni in this article have "very dissimilar styles." In his mind, this is a sign of a good program—one that allows individual voices to emerge. But it also can make the teaching of playwriting tricky. Lewis' approach to teaching is all about freedom within a structure.

"The first thing I do is try to keep the classes very small, so I can create a community," he explains. "Then I offer a sort of buffet of options and let the students select what jumps out at them. If you present a single way to write a play, or the best way to write a play, their voices will be stifled. They'll be too focused on what they think you want them to write. The most important thing is to get them to develop their own voices."

"Everyone's process is different," agrees Rubin, whose own plays involve more research and less actual writing time than average. "Carter is great because he helps you find your own voice. By giving you lots of exercises, he helps you figure it out. He has a very distinct style as a writer, but he doesn't inflict it on anyone."

"Carter is great at facilitating an environment where it's okay to take risks," Kras says. "He's a great dramaturg, and he asks great questions that help people focus on where they want to take their writing."

Lewis says he encourages community in the classroom by "coming down hard" on students who miss class or who aren't giving their full attention to another student's work.

"In a playwriting class, especially at the introductory level, we spend a lot of time writing and then passing our work to the next person to read aloud. Then I ask the class what popped out at them—what worked. I don't focus on what didn't work," Lewis says. "The community becomes so strong that the students usually start meeting outside of class, and form a real playwriting group. That community then has a way of spreading beyond the campus."

Within this community, students go beyond critiquing each other's work, they genuinely respect, support, and admire each other. All of which is fostered again in the classroom and through the Hotchner Playwriting Festival.

"The Hotchner is really supportive," Kras says. "People respect each other and are happy for each other's successes. Marisa helped Brian when he won, then Brian helped me a lot on my play. Carter nurtures that kind of environment."

Community after college

For several of the alumni playwrights, staying connected with fellow graduates has developed into much more than just reading one another's newest plays. After graduating and evaluating the state of opportunities in new theater,
some recent graduates have joined together to start theater companies (see pages 38 & 39), filling niches that seem to be neglected in many American cities.

"More than anything, I think the students just had a great time together here," Lewis says. "They formed trust and great bonds, and they realized that working together on new work is what they find most exciting about theater. They’re very talented playwrights and genuinely wonderful people."

And the program that shaped these talented people? The students themselves reflect its strength.

"My experiences in theater since Washington University have been very much as I learned they would be when I was a student," Wegryn says. "What I learned in the PAD was a student, " We grzy n s ays. "What I learn e d in the PAD and with Carter and the Hotchner [Festival] were pretty equivalent to what most people get in graduate school, getting an M.F.A. It was obviously very good preparation. All of the successes and opportunities I have had lead back in one way or another to my experiences and connections at Washington University."

Lewis, in turn, as he nurtures young playwrights, is simultaneously nurturing his own colleagues, with very different styles but very similar goals.

"It’s very rewarding to work with these students, and essentially to develop my own playwright colleagues. We respect each other and send our new scripts to each other," Lewis says. "They’re out there doing really exciting things, shaping new American theater."

Kristin Tennant is a free-lance writer based in Urbana, Illinois.

CARTER LEWIS: ON BECOMING A PLAYWRIGHT

As a college student, Carter Lewis imagined being a tennis player, a philosopher, or a disc jockey (or some combination of those things). But not a playwright.

Lewis had some experience in theater, though, partially by virtue of association to his sister, an actress at the same Ohio liberal arts college.

"They quickly discovered I was not as talented an actor as my sister, so I went into directing," jokes Lewis.

His senior year he decided, somewhat out of the blue, to write a play as a special senior project. It came naturally.

Lewis decided theater—but not necessarily writing—was his gig. After graduation, he went on to direct about 50 productions around the country before becoming “burnt out” on directing and deciding to try writing again in the mid-’80s. The play he wrote, The Women of My Father’s House, won an Ohio Arts Council grant. With the award money, Lewis moved to the San Francisco area, where he spent the next decade writing plays, including the hugely successful Golf with Alan Shepard. Lewis also co-founded Upstart Stage, a new works theater in Berkeley.

While dark humor and interpersonal relationships are common themes throughout Lewis’ two decades of playwriting, he says his writing has "shifted ground" over the years.

"I used to be known primarily as someone who wrote issue plays couched in humor," Lewis says. "One guy said to me once, ‘Oh, I know you. You’re the guy who writes issue plays, then tries to make them funny.’ But for the last eight or 10 years, my writing has become more political."

Lewis’ recent play Ordinary Nation, for instance, is about the gulf between red and blue states and people. The issue is examined through interpersonal relationships.

Women Who Steal focuses on the politics within relationships, rather than political leanings.

"In playwriting, you don’t write to inform people of anything, or to make a statement. You write to explore something you don’t get," explains Lewis. "If you focus on writing about something you’re trying to explore and understand—the gray areas within the question—the clarity will start to emerge as the play is performed, not as you’re writing it."

This approach to playwriting seems to resonate with directors, actors, and audiences. Lewis has been recognized with several national playwriting awards, including a two-time nomination for the American Theatre Critics Award, an NEA/TEC Artist-in-Residence Award, the New Dramatist Playwriting Award, and twice the Cincinnati Playhouse Rosenthal New Play Prize. His most recent play, Ordinary Nation, was nominated for four Kevin Kline Awards in 2007.

Before bringing his rich experience to Washington University’s Performing Arts Department (PAD) in 2000, Lewis was the literary manager and playwright-in-residence for Geva Theatre in Rochester, New York. While in that role, he focused much of his energy on developing Geva’s playwriting program, which had one component when Lewis arrived and seven when he left.

"Developing playwrights, at whatever stage of experience they are at, is exciting work to me," Lewis says. "That is why teaching at Washington U. (as well as moving the Hotchner toward a festival and workshop) has been rewarding. I’ve had huge support from other faculty, especially Henry Schwey [outgoing PAD chair who also is a playwright]. I’ve collaborated on projects with all of my colleagues (four world premieres with Andrea Urice alone) and have experienced the freedom to continue developing my work. It is a very satisfying place to be."
Alumnus Hank Klibanoff won the 2007 Pulitzer Prize for history for *The Race Beat*, which he co-authored with Gene Roberts. The book tells of brave reporters who covered the civil rights struggle early on.

BY CANDACE O'CONNOR
Hank Klibanoff is managing editor/enterprise at The Atlanta Journal-Constitution. A longtime newspaperman, he also spent 20 years at The Philadelphia Inquirer as a former metro reporter, a national correspondent based in Chicago, a business editor, and a deputy managing editor.

On a book tour recently, Hank Klibanoff, A.B. ’71, drove through the heart of Mississippi marveling at the little things, like billboards advertising African-American lawyers, that show how much the South has changed over the past few decades. Although progressive by Southern standards of the day, the 1950s-era racial attitudes of the northern Alabama town where he grew up—“over to Florence,” he drawls, in his best Bear Bryant imitation—were dramatically different.

Public schools in Florence only integrated, reluctantly, a dozen years after the landmark 1954 U.S. Supreme Court decision in Brown v. Board of Education that outlawed segregated education. And as a paper boy in 1963, Klibanoff noticed that the violence taking place in nearby Birmingham, where police unleashed dogs and fire hoses against young black demonstrators, did not appear on the front page of The Birmingham News he delivered. Yet this epic civil rights struggle—which also played out in the streets of Selma, on the “Ole Miss” campus, in North Carolina lunchrooms—at last transformed the South.

Such confrontations came to the attention of a horrified nation because journalists, black and white, braved considerable danger to report on them. In his 2007 Pulitzer Prize-winning book, The Race Beat: The Press, the Civil Rights Struggle, and the Awakening of a Nation, Klibanoff and co-author Gene Roberts, both veteran newsmen themselves, tell the story of these heroic reporters, many of them born in the South but working for northern newspapers. While praising the book, author and historian David Halberstam called these civil rights reporters “war correspondents on native soil.”

“The thing that was most gratifying and uplifting, as a Southerner but also as a journalist, was to explore the lives of lesser-known journalists ... raised in a very segregationist society.”

“Everyone was under such immense pressure to go along with the status quo, and I know the feeling of being expected to tell the racist jokes and share in the laughter.”
One such reporter was Cliff Sessions, a UPI bureau member in his native Mississippi. In 1958, he wrote not only hard-hitting stories—about a white supremacy indoctrination campaign in state high schools, for example—but he also dared to invite state NAACP head Medgar Evers and his wife Myrlie to his home for drinks. One day, a segregationist television executive excoriated him in the lobby of Jackson City Hall: “Crawl back under your rock,” he said. “You’ve been exposed. You’re an integrationist.”

A pivotal moment in the civil rights struggle occurred in 1957, when nine courageous black students in Little Rock, Arkansas, integrated Central High School despite opposition from the governor, Orval Faubus, and a seething mob of white protestors. Reporters moved to the front lines to cover unfolding events. Among the journalistic heroes of this drama, says Klibanoff, one stands out: L. Alex Wilson, a prominent, award-winning black editor and a man of quiet dignity.

“He was jumped by white thugs and brutally beaten, but every time they knocked him down, he would stand up, re-crease his hat and put it back on, then start walking again. The expression on his face never changed—he had a very stoic look—and it had a powerful effect when photo images of him went out on the wire services.”

A second Little Rock hero was Harry Ashmore, executive editor of the Arkansas Gazette, who editorialized for moderation and respect for the law. Still another was NBC reporter John Chancellor, who scooped rival news outlets by snagging an interview with one of the black students, thanks to help from white teenager Ira Lipman. Today, a grown-up Lipman sponsors the annual John Chancellor Award for Excellence in Journalism at Columbia University, which has honored several key civil rights-era journalists mentioned in Klibanoff’s book: Claude Sitton, John Herbers, and Bill Minor.

It was fascinating to discover these little quirks of fate—Klibanoff calls them “‘What if?’ moments”—that changed history. Perhaps the most breathtaking, he says, harks back to the 1948 presidential race in which Harry Truman squared off against a very popular Thomas Dewey. Unexpectedly, Truman squeaked to a victory, and Dewey, along with his running mate Earl Warren, moved on to other careers.

“If Earl Warren had been elected vice president in 1948,” says Klibanoff, “he would surely not have been chief justice of the United States in 1954. Remember, he is responsible for the Brown decision and for making it a unanimous decision. He insisted that the court was not going to act on this critical constitutional issue if the decision was not unanimous.”

As editor of his high school newspaper, Klibanoff already had felt drawn to a life in journalism. At the same time, he did not want to attend college at a journalism school and chose Washington University instead, where he majored in English. Classes with Howard Nemirov, Stanley Elkin, Peter Riesenberg, and Barry Commoner were stimulating—and he ran headlong into something else. “The anti-war movement was mind-chiseling,” he says. “I had the sense that something important was happening and I was lucky to be able to watch it.”

Still, the student newspaper, Student Life, which he saw as largely a vehicle for left-wing polemics, disappointed him. After a brief stint as a copy editor, he quit and started his own small wire service on campus, recruiting students to write articles about dramatic performances or interviews with famous faculty members. But sustaining student involvement proved difficult, and the experiment ended.

After graduation, he forged a successful career in newspapers that included six years in Mississippi, three years at The Boston Globe, and 20 at The Philadelphia Inquirer. There he met Gene Roberts, its longtime top editor, who had once been chief southern and civil rights correspondent for The New York Times. Roberts began work on The Race Beat in 1990 when he joined the University of Maryland journalism school faculty. In 1994, after being named managing editor of the The New York Times, he asked Klibanoff to collaborate with him. Soon the two worked out an amicable system for sharing the work, with Roberts doing his writing in longhand.

Completing the 500-page volume took far longer than they had anticipated. Altogether, the work nearly spanned the lives of Klibanoff’s three daughters, the oldest of whom is 17. But the resulting book is a powerful account of a time and place that those girls, growing up in progressive, racially diverse Atlanta, will never know, thanks in part to the efforts of the journalists Klibanoff and Roberts have described.

“In very visible ways, the South has changed monumentally,” Klibanoff says. “If the heart of the South hasn’t changed along with that yet—and I believe it has, by the way—but if it hasn’t changed as dramatically as one would like, I think it will only continue to change for the better.”

Candace O’Connor is a free-lance writer based in St. Louis and author of Beginning a Great Work: Washington University in St. Louis, 1853–2003.
Creating Peace Through Justice

Whitney Harris has dedicated his career to the practice of law and the elevation of human rights. As a prosecutor at Nuremberg in 1945, he participated in a watershed moment for international law, when the worst carnage in human history ended with “the first trial in history for crimes against the peace of the world.”

These words, from the opening statement by Robert H. Jackson, U.S. chief of counsel, had a lasting impact on Harris. It was Jackson who called the tribunal at Nuremberg “one of the most significant tributes that Power has ever paid to Reason.”

For more than 60 years, Whitney Harris has served as an eloquent advocate for the Nuremberg legacy and the cause of international justice. The Whitney R. Harris Institute for Global Legal Studies at the University’s School of Law brings together experts from around the world to expand understanding of real-world issues and prepare lawyers for the professional challenges of the 21st century. The naming gift was announced on Pearl Harbor Day—December 7, 2001.

John O. Haley, the Wiley B. Rutledge Professor of Law and director of the Harris Institute, says: “In our global society, problems require international cooperation and international solutions. Thanks to Whitney Harris, today the Washington University School of Law is one of the world’s leading centers for the study of international and comparative law.”

The road to Nuremberg

Harris was born in Seattle in 1912 and graduated from the University of Washington, magna cum laude, in 1933. Jobs were scarce in the midst of the Depression, so he entered law school at the University of California, Berkeley, and graduated in 1936. He practiced law in Los Angeles until he entered the U.S. Navy following the attack on Pearl Harbor.

Harris served as a line officer in the Pacific theater until 1945, when the Navy assigned him to the Office of Strategic Services. He was sent to London to investigate war crimes in Europe, working closely with British intelligence. Jackson, associate justice of the U.S. Supreme Court, arrived in London to negotiate an agreement with the Allies for an indictment and trial of the principal leaders of Nazi Germany, and Harris was appointed to Jackson’s staff as a prosecuting attorney.

The team of young prosecutors assembled at the cold, drafty Palace of Justice in Nuremberg, Germany, where the trial was to take place. Harris recalls: “I had a secretary and one typewriter. We set to work to develop evidence and gather incriminating documents.” He was given primary responsibility for prosecuting Ernst Kaltenbrunner, chief of the Reich main security office and two of its principal agencies, the Gestapo and the SD.

During Harris’ interrogation of Otto Ohlendorf, commander of Einsatzgruppen D, the witness admitted that his soldiers had murdered 90,000 men, women, and children during 1941. Harris recalls, “This broke the case against the Einsatzgruppen for their crimes against European Jewry.”

Harris also questioned Rudolf Hess, commandant of the Auschwitz concentration camp in Poland, and elicited his estimate that the death toll in Auschwitz alone was more than three million people. Harris attended the conclusion of the trial in October 1946 and served as Jackson’s official representative at the execution of the condemned Nazi defendants. For his work at Nuremberg, Harris received the Legion of Merit.
In 1948, Harris was invited to join the faculty at Southern Methodist University by Robert Storey, dean of the law school, who had been Jackson's executive trial counsel at Nuremberg. In 1954, Harris' book *Tyranny on Trial* was published and acclaimed as the first comprehensive study of the Nuremberg trials. Harris also wrote the casebooks *Family Law* (1953) and *Legal Services and Procedure* (1955, with others), and he continued to write articles for legal journals throughout his career. Other publications include *Law, Culture and Values* (1989) and *The Tragedy of War* (2004).

After six years as a law professor, Harris came to St. Louis as a corporate lawyer for Southwestern Bell. He later joined the St. Louis firm of Sumner Harris and Sumner and remained in private practice until his retirement. He is a member of the bar in California, Texas, and Missouri, as well as the U.S. Supreme Court bar, and he holds Honorary Doctorate of Humane Letters degrees from the University of Missouri-St. Louis and McKendree College. He is a member of Phi Beta Kappa and the Order of the Coif.

Over the years, Harris and his late wife, Jane Freund Harris, were tireless supporters of Washington University and many other St. Louis institutions. In 1981, he donated his books and documents on the Third Reich to Olin Library, a collection that has grown to nearly 2,500 items housed in the Jane and Whitney Harris Reserve Reading Room. In 1998, an endowed scholarship was established at the School of Law in honor of the Harrises. A bequest by Jane Harris, who died in 1999, created the Jane and Whitney Harris Community Service Award. Administered by the University, it annually honors a husband and wife who have made an outstanding contribution to St. Louis.

Harris and his wife, Anna, are Life Members of the Danforth Circle. He continues to serve on the National Council for Washington University Libraries.

**Hope for the future**

In 1998, Harris served as a non-governmental delegate to the United Nations conference in Rome that resulted in a treaty calling for the establishment of a permanent international criminal court. Harris represented the Committee of Former Nuremberg Prosecutors for a Permanent International Criminal Court, of which he is the founder and coordinator. On behalf of the committee, he submitted a paper, "Aggressive War Is the Supreme War Crime," to the conference. The delegates could not agree on a definition of aggressive war, and it was not included in the final treaty, but the issue will be reconsidered at a review conference scheduled for 2009.

Harris spoke and wrote extensively on behalf of the International Criminal Court (ICC), and he was present in the Reichstag in October 2001 as Germany became the 23rd nation to ratify the treaty. In 2002, the ICC achieved ratification by the required 60 nations. The United States is not among the participating parties.

As a witness to the horror and destruction of war, Harris sees the international legal system as the best hope for the future of humankind. Without it, he says, "civilization may not survive."

Chancellor Mark S. Wrighton says: "As a great friend of Washington University, Whitney shares our commitment to serving the greater good. We are very grateful to him and his family for their generosity in establishing the Harris Institute, which ensures that his lifelong commitment to justice will endure."

Looking back over a long and distinguished life, Whitney Harris says, "The protection and elevation of human rights—I can imagine no greater career."
Alumni & Friends Go Clubbin'

With 26 Washington University Clubs around the United States and 16 international clubs around the world, your University network is never far away. Club events are a terrific way to extend your network and make new friends. Alumni, parents, and friends are all welcome to attend, and everyone is encouraged to participate.

Events in your area may include a "meeting of the minds" with visiting faculty members in "Classes Without Quizzes," a theatrical performance especially for Washington University Clubs and their guests, or a casual gathering for food and fun. There are fees for activities, but no club dues are required.

Here is a sampling of some great Washington University Club events this year. For the latest on activities in your area, visit us at alumni.wustl.edu.

- **NEW YORK**
  Spring Awakening on Broadway
  A matinee of the spectacular new Broadway musical Spring Awakening and a post-performance party with Pun Bandhu, A.B. '96, producer of the show

- **MIAMI**
  Young Alumni Holiday Barbecue
  A Saturday afternoon get-together

- **BOSTON**
  Westport Rivers Vineyard & Winery — A private tour with a wine-tasting and lunch

- **LOS ANGELES**
  A Day at the Races
  Handicapping and lunch in the Club House at the legendary Santa Anita Raceway

- **FLORIDA**
  Cardinals Spring Training Lunch, batting practice, and a preview of the 2007 season (The Cards played the Braves in Orlando and the Mets in Jupiter.)

- **ST. LOUIS**
  Young Alumni and Graduate Student Mixer — More than 70 alums gathered at the Copia Wine Bar garden patio on Washington Avenue.

- **PHILADELPHIA**
  Tutankhamun and the Golden Age of the Pharaohs
  A visit to the exhibition at The Franklin Institute led by Sarantis Symeonoglou, professor of art history and archaeology in Arts & Sciences

- **CHICAGO**
  Cards vs. Cubs — Hot dogs and beer at a private rooftop party overlooking Wrigley Field

Classes Without Quizzes:

"Every Picture Tells a Story"
With Jeff Pike, dean of the College and Graduate School of Art and the Jane Reuter Hitzeman and Herbert F. Hitzeman, Jr. Professor

"The American Consumer"
With Steven Fazzari, professor, Department of Economics in Arts & Sciences

-Spring Training—Dipak Rajhansa, A.B. '92, and his family enjoyed the Cards/Braves game in Orlando.

-Boston Vineyard—Colleen Matts (center), A.B. '00, brought two friends along for the wine-tasting.

36  WASHINGTON UNIVERSITY IN ST. LOUIS  SUMMER 2007
Miami Barbecue – A big group gathered in Miami: (from left) Jeremy Bana, A.B. '97; Aliza Stem, A.B. '97, with Ryan Bana; David Magness, A.B. '05; Joe Sumberg, A.B. '04; Julie Katz, A.B. '02; Ben Gerber, A.B. '03; Emily Madison, A.B. '04; Gabriel Hines, A.B. '04; Jena Rorke, A.B. '04; Mark Liu, B.S.B.A. '00; Jeremy Shir, A.B. '05; Amber Goethel, J.D. '06; Laurenne Siklosy, A.B. '98; and David Ross, J.D. '03.

St. Louis Young Alumni Mixer – Chairs are (from left) Mark Hannah, A.B. '98, Michelle Miller, A.B. '05, B.F.A. '05, and Margaret Scavotto, J.D. '05.

Los Angeles Santa Anita Raceway – A Washington University Club group met the winner, Golden Wager, and his owners.

Dallas – Cheryl Lawson, A.B. '78, and her daughter, Naima, participated in the Month of Caring with the Washington University Club of Dallas. Alumni volunteers and their family and friends helped sort and box donations for distribution at the North Texas Food Bank.

Nominate Your Favorite Project for 2008

Please let us know about your favorite local organization that needs volunteers. Plans are already underway for the 2008 Month of Caring, and your suggestion may be chosen as one of the projects served by our volunteers. Please e-mail your suggestions to: alumni_relations@wustl.edu

Plan now to participate with your local Washington University Club during the Month of Caring in October 2007. Carry on the University’s great tradition of service, meet fellow alumni, and have fun while giving back to your community. Watch for your invitation in the mail, or visit alumni.wustl.edu for the latest details.

Mark Your Calendar
October 2007
Month of Caring
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.

Entries may take up to three issues after submission to appear in the Magazine; they are published in the order in which they are received.

Please send news to:
ClassMates
Washington University
in St. Louis
Campus Box 1086
One Brookings Drive
St. Louis, MO 63130-4899
Fax (314) 935-8533
E-mail wustlmagclassmates@wustl.edu

(If you also want news to appear in your school publication, please send it directly to that publication.)

ALUMNI CODES

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


Marshall R. Cleland, GR 51, received the Peter D. Hedgcock Award from the American Society for Testing and Materials Standards, one of the world's largest standards development and delivery systems. Cleland, a technical advisor for IBA-RDI in Edgewood, N.Y., was honored for his sustained and exceptional contributions to the development and use of nuclear-related standards. A resident of Hoppague, N.Y., he is a member of several professional groups, including the New York Academy of Sciences.

Doris L. Mueller, UC 52, GR 63, GR 71, published M. Jeff Thompson: Missouri's Swamp Fox of the Confederacy (University of Missouri Press, 2007). It covers Meriwether Jeff Thompson, extending from life in his boyhood home in Virginia to his Civil War exploits and post-war life. Thompson was nicknamed "Swamp Fox" for his exploits in Missouri's Bootheel on behalf of the Confederacy.

Wayne F. Schlosser, FA 58, president of a regional advertising and public relations firm, received his fourth Rotary International Public Relations Award for a children's health-care and education program.


Loretta Seltzer, GR 63, a former instructor at Washington U., Fullbright scholar, and teacher for more than 30 years at Affton (Mo.) High School, was inducted into the Affton School District Hall of Fame on March 3, 2007. She resides in the St. Louis area.

Francis J. Miller, GD 64, received the Gold Medal Award, the Greater St. Louis Dental Society's highest honor for a dentist, on Jan. 6, 2007, at Windows On Washington in St. Louis.

Stephen Irving Schwab, LA 64, GR 66, was set to earn a Ph.D. degree in history from the University of Alabama on May 12, 2007.

Joshua Grossman, MD 65, who taught Advanced Cardiac Life Support on February 20 and 22, 2007, sent corrections to his Class-Mates item published in the spring '07 issue: He taught Advanced Cardiac Life Support to allied health providers at Tennessee High School in Bristol, Tenn.; he was published in 2006 in The Journal of the National Medical Association; and, as a former commanding officer in the U.S. Army in the Far East, he spoke to Junior ROTC cadets about military leadership.

Jack L. Block, LA 67, GR 68, counsel in the Chicago office of Reed Smith Scahnoff & Weaver, received a Public Interest Award from Loyola University School of Law (Chicago) in March 2007. Block, whose practice focuses on commercial litigation and product liability, earned the award for many years of pro bono service to the community and the legal profession.

Elinda (Fishman) Kiss, LA 69, recently was honored with the Krowe Faculty Award at the University of Maryland in College Park, for her work at the RH Smith School of Business. Kiss was recognized for the professional relationships and commitment that she developed with her students.

Sanford V. Teplitzky, LA 71, an attorney with Ober/Kalef, based in Baltimore, has been selected for the Maryland Super Lawyers 2007 issue, published in January. He focuses his practice on health care.

Robert L. Koenig, LA 73, authored The Fourth Horseman: One Man's Secret Mission to Wage the Great War in America, published in 2007. It describes how German saboteurs set up an anthrop labora­tory in St. Louis in 1916 but failed to spread their germ sabotage campaign widely in the Midwest. Koenig, who graduated from Cleveland High School and then Washington University, worked as a reporter for the St. Louis Post-Dispatch. He later became a contributing correspondent for Science magazine, based first in St. Louis, then in Washington, D.C., and now in Pretoria, South Africa.

Barbara Pierce, GR 73, president of Millennium Communications in St. Louis, was one of five honorees inducted into the Old Newsboys Day Hall of Fame on Dec. 19, 2006, at the charity's Sixth Annual Golden Plate Award Banquet. Pierce, who co-chairs the campaign for the new Fabulous 50 women's initia­tive, and the others were honored for their commitment to Old Newsboys Day and the children in the St. Louis area. All helped Old Newsboys Day raise funds for more than 200 children's charities.

Ben A. Rich, LW 73, recently was named professor and School of Medicine Alumni Association Endowed Chair of Bioethics at the University of California, Davis, School of Medicine. Prior to earning a Ph.D. degree in philosophy from the University of Colorado in Boulder in 1995 and embarking on his career in academia, he was university counsel for the University of Colorado system.

Denis C. Dickerson, GR 74, GR 78, was named the inaugural James M. Lawson, Jr., Professor of History at Vanderbilt University in Nashville effective Jan. 1, 2007.

Branch Morgan III, LA 74, formerly a member of the Eve Anderson Dancers, is a guest artist with Choreographic Antiques of Goucher College in Baltimore.
Theatre Seven’s goal, as stated on the organization’s Web site (www.theatresseven-ofchicago.org), is to focus on new works, providing “a home for playwrights to hone and develop their work with the support of dramaturgs, directors, actors, and audience.”

“There's definitely a DIY spirit in the theater community (in Chicago)—we're not the only new theater, by far,” Golden says. “It's not the desire to do new plays that sets us apart. It's the ability to do new plays, and to be able to grow and sustain that ability over time. Knowing how to develop a new play and talk to a playwright isn’t easy. It’s so rare to find people who know how a playwright works.”

Theatre Seven’s first production opened in March 2007, with a duo of one-act plays set in the same Chicago neighborhood, 30 years apart. One play, Diversey Harbor, is by Wegryzyn; the other, Sexual Perversity in Chicago, is by David Mamet. Four other alumni made up the cast of both plays. The Chicago Tribune and the Chicago Reader both gave the production glowing reviews. The Reader’s headline reads “Mamet Meets His Match,” while the Tribune writes “Chicago always has been a fertile breeding ground for playwrights, but only every so often do you come across someone who is clearly on the cusp of something big.”

Wegryzyn’s play Killing Women is scheduled for production next, in mid-August at Chicago Dramatists.

In Philadelphia, Nice People Theatre is another alumni-founded new works project. Its inaugural production was Golden’s Hotchner-Festival play, Six Seconds in Charlack. The company also will be producing Wegryzyn’s Killing Women, in September at the Philadelphia Fringe Festival.

Miriam White, A.B. ’03, who started Nice People Theatre with Nicole Blicher, A.B. ’03, says the idea took shape over many late-night meals shared by PAD students at Uncle Bill’s Pancake House in St. Louis.

“As students we used to gather there to learn our lines and write and analyze plays,” White and Blicher state. “We had talked about Nice People many times, and at our last gathering we signed a mission statement and contract on the back of an Uncle Bill’s Pancake House placemat.”

White and Blicher, both with theater-acting degrees, decided to “fully jump into this project” after Bill Felty, casting director for the prestigious Wilma Theatre, agreed to direct their inaugural production. Felty has since signed on as a third company member.

“Our mission is all about creating opportunities for PAD alumni and playwrights,” White and Blicher say. “Producing new works is exciting because there aren’t any preconceived notions about what the production should be. Often new works also come from new playwrights, which makes collaboration exciting.”

Carter Lewis, who embarked on a similar path when he helped found Upstart Stage in Berkeley in the mid-’80s, is excited to follow the progress of these new theaters.

“New works programs and the adventurous nature of producing new works have faded in this country,” Lewis says. “Theaters are too focused on the bottom line, so they produce only sure things to draw audiences.”

Luckily for the future of American theater, Lewis’ former students are following their adventurous natures.

“It’s really exciting to see former students producing new works,” he says.
Ann (Friedman) Calandro, GR 77, has joined MRMGillespie, an Interpublic Group company, as a media editor. Through she has left freelancing, one of her collage recently was accepted for the 2008 Women Artists Datebook, published by Syracuse Cultural Workers and available in the group's "79s for Change" catalog. In addition, she was the April 2007 artist in the Jersey Arts Council online gallery.

Gordy Kanofsky, LA 77, executive vice president of Ameristar Casinos was elected to the company's board of directors as co-chairman in November 2006. At that time, he also was appointed as co-trustee and a director of the Craig H. Neilson Foundation, which is primarily focused on research, treatment, and rehabilitation programs for spinal cord injuries and diseases. These new positions for Kanofsky follow the death of Craig Neilson, Ameristar's founder, who suffered a paralyzing spinal cord injury in 1988. Kanofsky also chairs the 2007 chair of the volunteer leadership initiative for the Southern California chapter of the Cystic Fibrosis Foundation.

Daniel A. Patenotte, DE 78, who maintains a dental practice in St. Charles, Mo., received the Award of Merit from the Greater St. Louis Dental Society on Jan. 6, 2007, at Windows On Washington in St. Louis. He was honored for his outstanding service to the society. Patenotte, who, in 1980, earned a specialty degree in pedodontics from University of Minnesota Assistencia Medicine through its medical center in Omaha, has been active in many of the society's councils and committees and served as president of the St. Louis Dental Health Theatre for 2005 and 2006.

Clifford J. Shapiro, LA 78, has been named a partner in the Chicago office of law firm Barnes & Thornburg. He co-chairs the firm's Construction Law Practice Group. Ranked among the top construction attorneys by Chambers USA, Shapiro represents owners, contractors, and subcontractors in construction defect, delay, and indoor air quality/mold claims, as well as in related insurance coverage claims and disputes.

Jim Holliman, MD 79, now is program manager of the Afghanistan Health-care Sector Reconstruction Project at the Center for Disaster and Humanitarian Assistance Medicine of the Uniformed Services University of the Health Sciences at the National Naval Medical Center in Bethesda, Md. The goals of this project is to assess, analyze, and evaluate health-care reconstruction efforts for Afghanistan. In March 2007, he led a team, including several senior military officers, on a two-week survey/study visit to Afghanistan, and he is in the process of establishing a Central Command to carry out health-care system reconstruction in that nation over the next decade. Holliman, who had been a faculty member at Penn State University in University Park, Pa., for 18 years, and his wife, Karen, plan to relocate from Hershey, Pa., to the Bethesda area.

Barry Nitz, LA 79, was to be honored June 16, 2007, at a gala dinner recognizing his 23 years of service as director of education and rabbi at Temple Ahavat Shalom in Northridge, Calif. On July 1, 2007, he will become the senior rabbi of the congregation.

Margaret McAdams, GF 79, widely acclaimed practicing artist and a professor of fine arts at Ohio University in Chillicothe, was among 150 college educators recognized in the Ohio Magazine 2006 Excellence in Education program and who were mentioned in the December 2006 edition of the magazine.

Laura Schweitzer, GR 79, recently named as chief academic officer at Basset Health Care in Cooperstown, N.Y., is working to establish an affiliated medical school.

Lisa Sharkey, LA 80, former producer of Good Morning America has been tapped by HarperCollins to spearhead acquisitions of celebrity- and personality-driven books, filling a void left by celeb publishers, said Rona Rakoff, most recently president of Al Roker Productions, is responsible for mining pop culture and the world of celebrity—Regan's forte before she was ousted after the O.J. Simpson If I Did It project.

Kathy (Goldstein) Kastan, LA 81, GS 84, SW 84, authored From the Heart: A Woman's Guide to Living Well with Heart Disease (Da Capo Press, 2007). A psychotherapist for 14 years before she became "the face of heart disease" in her early 40s, Kastan is the president of WomenHeart: The National Coalition for Women with Heart Disease, as well as the chair of the board of the Memphis American Heart Association. She resides in Cordova, Tenn., with her husband and three sons.

Henry L. Henderson, LW 82, Chicago's founding commissioner for its Department of Environment, has been named head of the newly created Chicago office of the nonprofit Natural Resources Defense Council.

Henderson, a Chicago attorney with a history of regional environmental leadership, will direct the office, which will serve as a base for expanded participation in the region's fast-growing dialogues on renewable energy, public health, and the health of the Great Lakes, as well as new initiatives addressing important Midwest issues, such as coal, biofuels, and global warming.

Joe Hlava, EN 82, has founded Coisa Energies, an energy management firm focusing on improving the energy efficiency of commercial and industrial accounts. The company emphasizes the improvements in profitability and business valuation through the implementation of energy-saving projects. Joe, his wife, and two children reside in Temecula, Calif. E-mail: josecyo@yahoo.com

William B. Hunt, EN 83, was a keynote speaker at a recent Packaging Machinery Manufacturers Institute meeting in Tampa. Hunt announced the double digit growth of the company he founded in 2006—Surefil LLC. It is a contract formulation, compounding, and packaging company serving the personal care, hair care, skin care, food, and oral care market segments. The company, which also manufactures over-the-counter drug products, such as sunscreens, was one of the fastest-growing companies in Michigan in 2006. Web site: www.surefil.com

Richard "Ricky" Kessner, LA 84, submits the following news: "I received a Ph.D. in clinical psychology, so when the University of Miami in 1991 after being kicked out for one year in 1986 due to whiny ambivalence about the heat and becoming a psychologist, I fell in love with being a humorless vegetarians. I happily married a carnivore in 1999 and now live in New York City with my wife, gray short-hair cat, and two short-haired children. Now I am a senior psychologist at Long Island Jewish Medical Center and am still, at times, whiny and ambivalent about my chosen profession. I'm bald and have been fighting a mild weight problem for the past decade."

James G. Ladwig, LA 84, has settled in Australia with his Australian wife and two daughters. An associate professor in the School of Education at the University of Newcastle, he is influencing educational policy in Australia, southeast Asia, and the United States.

David E. Gohlke, LA 85, and his wife, Nancy (Broustein) Gohlke, LA 87, and their sons, Christopher, 10, and Joshua, 8, are preparing for another sailing sabbatical on their 41-ft. sailboat, Liberty. They plan to leave in December 2007 for the Bahamas, U.S. eastern coast, and then a clockwise circumnavigation of the Caribbean, we returning to Texas in June 2008. They'll look up University friends along the way. Dave continues as an energy project finance associate with Skadden Arps in Houston, while Nancy takes care of their children. In preparation for the trip, she recently earned an amateur radio (HAM) license. Web site: www. gokokonmobil.com

David D. Lee, EN 85, is sales vice president and investment advisor representative at Highland Capital Brokerage, an asset/wealth management firm. He is based in the firm's Los Angeles office, and he and his wife, Julie, a UCLA graduate, and their children, Adrienne and Elliot, reside in Huntington Beach, Calif. E-mail: David2576@verizon.net

Stuart I. Seidman, GA 85, GB 85, is a senior project manager with Hill International, construction management and engineering firm, in Marlton, N.J. He and his wife, Paula, announce the birth of their daughter, Meredith, on Aug. 10, 2006.

Kevin M. Curran, TI 86, has been appointed president of Decision Sciences Corp., a St. Louis-based risk management consulting firm. Curran joined the firm in 1989 as a risk consultant.

Daniel Glen Hazen, GR 86, LW 86, writes: "After 20 years as a not-so-happy insurance defense, or subrogation, lawyer in Illinois and the Lowcountry of South Carolina, I've decided to go inactive this year. I work as a fire-tower lookout, helping keep firefighters safe at Dinosaur National Monument in northwestern Colorado. The view each summer and as a (it's my hope, kind and compassionate) respiratory therapist the rest of the year. I have happily lived in a log cabin near Bailey, Colo., for over 10 years, and I meditate and try to live meditatively as much as my mindful intent will permit me. I very much enjoy HAM radio. I am in the Bailey phonebook or can be reached at dhazzen@earthlink.net."

Allen Icet, GB 86, the Republican state representative for the 84th district (Wildwood) in Missouri, which includes parts of west St. Louis County, has been re-appointed chairman of the House Committee on Budget. This committee has the responsibility of filing all appropriations bills and of assigning those bills to appropriations committees.

Marc Kamionkowski, LA 87, a theoretical physicist and astrophysicist, won this year's E.O. Lawrence Award for physics. The award honors scientists and engineers at mid-career who,
Is a life income plan for you?

See page 9.
Fixed Payments for Life

The Washington University Charitable Gift Annuity, see page 9

BROOKINGS PARTNERS
Recognizing the Importance of Planned Gifts Washington University in St. Louis
Investment Career Emerges for All the World

Lee Fixel, B.S.B.A. '02

In the first century B.C., Publius Syrus wrote, "Money alone sets all the world in motion." His sentiment could well be the motto for the short (to date) and successful career of Lee Fixel, B.S.B.A. '02. That’s because money has indeed set his world in motion.

As an investment analyst for Tiger Global Management LLC, a $5 billion firm specializing in private and public equity hedge funds, Fixel spends his time seeking investment opportunities in emerging markets around the world. In 2006, his work took him to 20 countries, including China, Russia, Turkey, Poland, Romania, Ukraine, Bulgaria, Hungary, and a few in Latin America.

"Sometimes what I’m doing at this age amazes me. This is my way of life now, and I love it," he says.

Despite his occasional "pinch me" wonderment, Fixel is in the exact position he envisioned while still a teenager. Growing up in Fort Lauderdale, Florida, his parents were in the fashion and apparel industry, but they did not want him to follow them into that business. Yet they showed him the business side of things. He attended business meetings, sat through dinners with CEOs of other businesses, and observed his parents’ company go public. And when he had his bar mitzvah, his father helped him invest his gift money in stocks and mutual funds.

By the time he graduated from high school, he had already completed internships with a local Merrill Lynch broker and in the compliance department at Smith Barney in New York.

At the Olin School of Business, he was just as motivated, driven, and energetic. In his freshman year, he planned the inaugural B.S.B.A. trip to visit Wall Street firms.

"I knew it [the trip to Wall Street] would be useful for students; I believe it is important for them to be out in the field, gaining practical work experience as soon as possible," Fixel says.

He also started a student mentor program, where M.B.A. students mentor undergraduate business students. He wanted undergraduates to be able to leverage the knowledge and experience of M.B.A. students and to network among a local community.

Fixel did not just begin the mentor program; he personally benefited from it. He still regularly contacts his mentor, Chris Trokey, M.B.A. '00.

Fixel landed internships every summer, even during the year he spent at the London School of Economics. His junior year internship, in CIBC Oppenheimer’s asset management consulting group, led him to another Olin graduate who worked down the hall for a hedge fund alternative investment group. This led him to his first job there.

"Very few people go straight to a hedge fund out of college, but I was fortunate because I had interned there and built a lot of relationships with analysts and sales people," Fixel says.

After 2 1/2 years, he moved on to another hedge fund, Level Global Investors LP, for a year before joining Tiger Global Management.

"I don’t see myself ever leaving Tiger. This is the last place I see myself for what I do today," he says.

This does not mean Fixel is complacent. He has begun seeking ways to give back—to Olin and to nonprofits, especially in the area of stem cell research. And just like the boy he once was with the bar mitzvah money, he has a plan for that—a plan he is keeping to himself for now.

—C.B. Adams
reached the Cleveland Clinic Florida, in Weston, Fla., where he helped launch the Division of Thoracic Surgery.

Suzanne B. Strothkamp, HA 90, who earned a law degree in corporate health law from Saint Louis University in 2006, now works in the Health Care Group at Bryan Cave in downtown St. Louis. Previously, she worked in health care for many years. She and her husband, Rob, and children, Lisa, 9, and Rachel, 6—reside in St. Louis.

Carl J. Artman, LW 91, recently was appointed and confirmed as the nation’s assistant interior secretary for Indian affairs, making him head of the Bureau of Indian Affairs. This bureau offers Indian tribes many benefits, including assistance with education for their children, economic development.

Jaimy (Levine) Hamburg, LA 91, has been promoted to counsel at Mayer, Brown & Platt, where she practices environmental law and litigation. Jaimy, along with her husband, Jeff, LW 95, and their children—Luke, 5, and Goldie, 3—reside in Chicago.

Karen (Weiss) Abrams, EN 92, SI 93, was set to earn a master of engineering management degree from Washington University in May 2007. She says, “Hello everyone. Alex, 5, and Karen works part time as a real estate attorney in Montclair, N.J. E-mail: kabra.ms@meisel.com

Matthew Kamlachiss, EN 92, SI 93, was set to earn a master of engineering management degree from Washington University in May 2007. He says, “Hello everyone. Alex, 5, and Karen works part time as a real estate attorney in Montclair, N.J. E-mail: kabra.ms@meisel.com

Matt Kuanel, FA 92, says, “He’s stuck to the man and quit his cushy corporate job in favor of working for himself doing graphic design in his cold, cold basement.” He says he hopes, “The man bears no ill will and will send him some work so he can continue eating.” Web site: www.intergalacticdesignstudio.com

Carla Koretsky, LA 92, was one of three faculty members at Western Michigan University (WMU) in Kalamazoo to earn an Emerging Faculty Scholar Award in a new program to honor academia’s rising stars. Koretsky, who specializes in biogeochemistry of aquatic environments, mineral surface geochemistry, and the thermodynamic properties of aqueous metal complexes. Her federally supported research focuses on addressing fundamental questions on the biogeochemistry of coastal and inland wetlands, which are increasingly impacted by human activities.

Debra (Berenson) Kronenborn, OT 92, and her husband, Eli, announce the birth of Emily Hannah on Feb. 14, 2007. She joins her brother, Philip, 10. The family resides in Forest Hills, N.Y. Debra is an occupational therapist at the Variety Child Learning Center, serving children with special needs.

Pam (Schock) Luskin, LA 92, and her husband, Cyndy, announce the birth of twins, Cameron Riley and Jaden Matthew, on Feb. 6, 2007. The family resides in Kensington, Md.

Nick Santorra, LA 92, authored his first novel, Slip and Fall, which was the debut novel for Borders Book Stores’ newly formed publishing entertainment arm. Santorra is writing and producing a film, tentatively titled Come Back, for Lionsgate Films, and his TV projects Prison Break and Beauty and the Geek now are filming in their second and third seasons. Santora resides in Beverly Hills with his wife, Janine, and their daughter. E-mail: nrsantorra@earthlink.net

Amy Struckmeyer, LA 93, has been promoted to senior associate at De Stefano + Partners, an architecture and interior design firm in Chicago. She chairs the firm’s Sustainable Design Committee.

Darci Darnell, BU 94, has been named a partner in the Chicago office of Bain & Co., and she heads the firm’s business and strategy consulting firm. A member of the financial services and performance improvement practices, she spends much of her time in corporate and business unit growth strategies, performance improvement, and post-merger integration. Darnell earned an M.B.A. degree from the Tuck School of Business at Dartmouth University in Hanover, N.H.

Thomas Huang, LA 94, assistant professor of industrial design at the University of Kansas in Lawrence, was named one of 15 Searchlight Artists, an honor newly created by the American Craft Council to feature emerging artists in the United States. Huang, who in 1994 to 2000 was a designer and project manager with Moz Designs in San Francisco, worked with clients including Spago restaurants, Disney Imagineering, and Sony Entertainment. Huang resides in Lawrence with his wife, Shelli, and their son, Cole.


Michelle (Goldsmith) Platt, LA 94, and her husband, Joshua Platt, LA 96, announce the birth of Sophie on Aug. 29, 2006. They join her brother, Matt, on Aug. 15, 2003. Michelle teaches middle-school mathematics at Columbus Academy in Gahanna, Ohio. Josh handles marketing and business development for Mills James Productions in Columbus. E-mail: redplatt@yahoo.com or joshua.platt@yahoo.com

Adam Schreiber, LA 94, and his wife, Teresa, announce the birth of Jolie Samantha on May 19, 2006. The family resides in downtown Philadelphia, where both Adam and Teresa practice acupuncture and Chinese herbal medicine. Adam’s e-mail address is schreiber@gmail.com.

Emily (Loft) Wagshul, LA 94, and her husband, Steven, announce the birth of Lili Sophia on Sept. 25, 2006. She joins her sister, Elysia Clare, 3. The family resides in New York City.


Tricia (Krebs) Finkenberg, SW 95, and her husband, David, announce the birth of Abigail Grace on July 27, 2006, in Gaithersburg, Md.

Jodi Horigbma, SW 95, and Howard Granok, GM 96, were married Dec. 17, 2006, in St. Louis. Jodi is a case manager for Cooperative Home Care of St. Peters, Mo., and Howard is chair of the science department at Crossroads College Preparatory School in St. Louis.

Carrie Smalley Johnson, EN 95, and her husband, Brandon, announce the birth of Connor Reid Johnson on Feb. 5, 2007. He joins his sister, Audrey.

Nicholas Laneman, EN 95, and his wife, Mike, announce the birth of Margaret “Maggie” Elizabeth on Sept. 13, 2006. They reside in Spanish Fork, Utah. Maggie has received the National Science Foundation Career Award.

Wendi (Greenberg) Sager, LA 95, and her husband, Jeff, announce the birth of Daniyal Ryan on Dec. 13, 2006. Wendi is busy at home with Danny and his brothers—Josh, 5, and Ben, 3. The family resides in Bethesda, Md. Wendi says, “I love to catch up with old friends.” E-mail: wendisager@yahoo.com


Christopher Conway, LW 96, recently was appointed vice president of development for the Chicago-based Joffrey Ballet. Conway has devoted his professional career to fundraising and corporate relations and has served in high-level positions at major cultural and consultancy organizations around the country. He previously worked in the Alford Group, a national consultancy to nonprofit organizations.


Mark Klapper, LA 96, and his wife, Kelly, announce the birth of their daughter, Avery, on March 23, 2007. She joins Emily, 4, and Zachary, 2. Mark is a partner at Howey LLP. The family resides in Washington, D.C.

Laurel (Green) Stein, LA 96, and her husband, Richard, LA 95, announce the birth of Zachary Noah on Dec. 11, 2006. He joins his sister, Lindsay Hannah, 3. Laurel, a family law attorney is staying home with the children, and Richard is an internist in private practice. The family resides in Cleveland.

Ayala (Weiner) Usdin, LA 96, and her husband, Ken (Tufts University Class of 1995), announce the birth of their first child, Elie Rebecca, on Feb. 26, 2007. The family resides in Manhattan’s Upper West Side. Ayala is a physical therapist in private practice. E-mail: a3weiner@aol.com

Heidi (Forster) Gertner, LW 97, and her husband, Gregory, announce the birth of Brinley Brooke on Feb. 15, 2007. The family resides in Bethesda, Md.

Ellen R. Hoffman, LA 97, and David Gealt were married Dec. 9, 2006. Neale, 6, and Daniel, 5, were married Dec. 9, 2006. The family resides in Philadelphia. The wedding party and guests included 21 University alumni. Ellen earned an M.Ed. degree in adult learning and organizational development from Temple University in Philadelphia in 2006 and now is manager of training and technical support for a consulting and software firm in Philadelphia. David is a sports
Treating Trauma Victims with Multiple Therapies

When a person experiences a life-threatening event, the nervous system is activated for a "fight or flight" response—the pulse races, mouth goes dry, breathing gets more shallow, and the hands and feet might go cold as the entire body tenses. Whether it's a one-time stressful occurrence, like a car accident, or repeated trauma, as is usually the case in domestic violence, post-traumatic stress disorder (PTSD) can develop when the nervous system fails to return the body to its normal state once the danger is past. Subsequent reminders of the trauma memories, "Rothschild says. Though much of her current work involves training other mental health professionals in workshops and lectures she is invited to present worldwide, Rothschild also maintains a private therapy and supervision practice in Los Angeles, where she lives. She is the author of several books, including Help for the Helper: The Psychophysiology of Compassion Fatigue and Vicarious Trauma (2006) and the bestseller The Body Remembers: The Psychophysiology of Trauma and Trauma Treatment (2000).

With her second book, The Body Remembers CASEBOOK: Unifying Methods and Models in the Treatment of Trauma and PTSD (2003), Rothschild furthered the message that therapists should be prepared to employ a variety of treatment methods and even mix and match therapies to help their trauma clients. "Really, most of the stuff that's out there can be useful for particular types of clients. It's like antibiotics," she says. "If you only had penicillin to offer, a lot of people would get well, but some would die. Likewise, if you have an assortment of treatment methods available, if one doesn't work or appeal to the client, you can try another, which is much better."

In the Somatic Trauma Therapy workshops, Rothschild speaks often of the need to "put on the brakes" as a therapeutic tool, which can be vital to helping trauma survivors rewire their experience of painful events. "Some people jump right into treatment before they've gotten to know their client," Rothschild says. "Working with trauma memories is volatile and destabilizing. "The common belief is that people have to process the trauma memories," Rothschild continues. "For some people, that's great and it really does help them get back to themselves. But there is a substantial group of people who actually get worse from doing that. They're the kind of people who have been working on their childhood traumas for years and years to no avail, and no one has ever stopped them and said, 'Wait a minute—why don't you let go of that, and let's get you a better quality of life instead.'"

—Gretchen Lee, A.B. '86
Gregory D. Binns, GB 00, LW 99, has been elected a partner at law firm Thompson & Knight. A member of the firm’s Trial Practice Group in Dallas, he focuses his practice on commercial, antitrust, and construction litigation, representing clients in federal and state courts and before arbitration panels.

Naomi Greenfield, LA 00, has an artistic talent for making balloon sculptures into a successful business—Red Balloon Co. Through her work, Greenfield, who resides in Somerville, Mass., has gained a face-to-face kudo from Paul McCartney, a pass to the Democratic National Convention, and a spot on NBC’s Today show.

Eileen Ketels, LA 00, and David Rentz, LA 00, were married March 31, 2007, in New York City, where Eileen is pursuing a master’s degree in architecture and David is a conductor and teacher.

Holly (Williams) Leppo, GA 00, an architect and interior designer with SMB&R in Camp Hill, Pa., authored Architecture Exam Review, ARE Sample Exams: Nonstructural Divisions (Professional Publications, 2007). The publication provides realistic practice exams for each of the four nonstructural divisions of the Architect Registration Exam, helping exam candidates sharpen their problem-solving skills.

Gina (Roth) O’Donnell, LA 00, and her husband, Daniel, announce the birth of Jackson Sean on March 21, 2007. The family resides in Los Angeles, where Gina is an event planner for Details Event Planning.

Cathleen (Barlow) Strabala, EN 00, and her husband, Drew, announce the birth of Benjamin Paul on Aug. 16, 2006. Drew is a manager for the Federal Aviation Administration, and Cathly works part time as a program manager for Atena Federal Systems. The family resides in Aurora, Colo., a suburb of Denver.

Aaron Uhrmacher, LA 00, has been named Young PR Professional of the Year by the PR Week. Uhrmacher, as a key member of the digital lifestyle group of global public relations consultancy Text 100, advises clients such as Sony, Lenovo, and the MacArthur Foundation, on using new media as viable communications tools. Additionally, the Text 100 firm received the PR Innovation of the Year award for its creation of Second Life, a virtual online three-dimensional community, a project headed by Uhrmacher.

Daniel P. Beckmann, LA 01, is creative executive at Current TV in San Francisco. He will be helping build an international stable of journalists in their Vanguard Journalism department and plan programming for special events.

Angela Brickler, EN 01, and Brian Schroeder were married on Sept. 2, 2006. Angela earned a master’s degree in aerospace engineering from the University of Maryland in August 2006 while working at NASA’s Langley Research Center. Now she is a structures engineer with Cessna Aircraft Co. in Wichita, Kan., where the Schroeders reside.

Sarah (Branney) Farthing, LA 01, SW 03, and her husband, Joe Farthing, announce the birth of twins, Joseph Ian and James Henry, on Feb. 12, 2007. The family resides in Lawrence, Kan., where Joe continues ownership and operation of J&S Coffee Co. (www.jandscoffee.com), and Sarah enjoys spending her days with Ian and James.


Jessica Lott, GR 01, a former English Composition instructor at the University, authored Osin, which was shortlisted for the biennial novella award in 2006. Offering a fresh perspective on the problem of being a late middle-aged male completely out of touch with his world, his family, and himself, this tragic yet funny novella tells the story of Osin, a recently retired publisher adrift on the sea of his mostly pointless life. Lott resides in New York City.

Vijay Shankaran, GM 01, MD 01, a security analyst/portfolio manager at Turner Investment Partners, an investment firm based in Berkeley, Calif., has become a principal in the firm. Shankaran, who joined the firm in 2003, resides in Philadelphia.

Michael Glore, GR 02, and his wife, Angela (Gordon) Glore, GR 99, GR 06, announce the birth of Darcy Jo on Nov. 13, 2006, in Anchorage, Alaska. Michael works for the National Park Service at Katmai National Park.

Brian Ponczak, EN 02, and Shoshi Wolf were married on Feb. 11, 2007, in Baltimore, where the couple resides. Guests included many University alumni. Brian, who earned an M.S. degree from Johns Hopkins University in Baltimore, is a process engineer at Northrop Grumman, and Shoshi
was to graduate from Barnard College in New York City in March '07.

Eyssa Rotkowitz, BU 02, and Amit Bortz were married on Nov. 18, 2006, in New York. The wedding party and guests included many University alumni. The Bortzes reside in New York City.

Aaron Smith, LW 02, recently joined McShane & Bowie, a real estate development law firm, in Grand Rapids, Mich., where he will counsel clients regarding real estate, land use, and construction. His areas of practice include commercial and residential real estate development, construction contracts and liens, leasing, and zoning and land-use law. Active in the community, Smith serves as secretary for the Grand Rapids Bar Association's Young Lawyers Section. He also is on the state board of the Michigan Mountain Biking Association.

Marcus Thorpe, LA 02, has joined St. Louis-based law firm Williams, Venker & Sanders as an associate. His practice focuses on general litigation.


In Memoriam

1920s

Katherine M. (Pfeifer) Chambers, LA 23, GR 34; April '07
Joseph B. Wyman, EN 28; Feb. '07
Dorothy North (Ried) Doerner, LA 29; March '07

1930s

Dorothy Anne (Doegers) Hagedorn, LA 30, HA 52; March '07
Virginia Rose (Wils) Wiegand, LA 32; Feb. '07
Marie E. Zonis, LA 32, MD 36; Feb. '06
Robert Blemker Brooks, Jr., EN 34; Feb. '07
J. Miles Gilbert, EN 34; Jan. '07
Lon Hocker, LW 34; Jan. '07
Grover J. Norwood, Jr., LA 34; Feb. '07
William F. Saunders, LA 34, GR 35; March '07
Ilse L. Arndt, LA 35, GR 37; Feb. '07
Ludmilla (Suntzeff) Gafford, SW 36, SW 38; Feb. '07
Harvey D. Rudolph, BU 36; Jan. '07
John D. Rosebrough, LA 37, GR 59; March '07
William F. Saunders, LA 38, GR 53; April '07
Virginia Rose (Wils) Wiegand, LA 32; Feb. '07
Ilse L. Arndt, LA 35, GR 37; Feb. '07
Ludmilla (Suntzeff) Gafford, SW 36, SW 38; Feb. '07
Harvey D. Rudolph, BU 36; Jan. '07
John D. Rosebrough, EN 37; March '07
Margaret (Cornsell) Schmidt, LA 37, GR 63; March '07
F. Glen Wessale, EN 37; March '07
Vaughan P. Devine, LA 38; Jan. '07
Louise (Eastman) Golman, LA 38; Feb. '07
Robert A. Howard, GR 38; Feb. '07
Walker A. Mier, EN 38; Aug. '06
Adrienne Jane (Faust) Throop, LA 38; Feb. '07
Henry J. Zimmermann, EN 38; March '07
William T. Flynn, EN 39, SI 41; March '07
Martha Caroline (Sobie) Heideman, UC 39; Jan. '07
Owayne V. Jones, BU 39; Feb. '07
Marie C. (Deubler) Steppeler, FA 39; March '07
Charles E. Wills, EN 39, LW 48; Jan. '07

1940s

Juanita DeWitt (Hunsaker) Dudley, LA 40; Feb. '07
Judith B. Galt, NU 40; March '07
A. Greeneville Whittaker, EN 40; Jan. '07
Eugene S. Davis, LW 41, LW 42; March '07
Wilson M. Baltz, DE 42; Jan. '07
Minnette D. Bickel, FA 42; March '07
Edith Ruth (Atkins) Brown, LA 42; Jan. '07
Gene H. Grubau, MD 42; Feb. '07
Helen Lutheran, PT 42; Feb. '07
Max Kurell Pril, BU 42; Sept. '06
Jerry H. Allen, Jr., MD 43; Jan. '07
John Edwin Conrades, EN 43; Feb. '07
Russell A. Court, EN 43; March '07
Mary Jane (Brown) Monnig, LA 43; Feb. '07
Gregory M. Reinhardt, EN 43; March '07
J. Louis Schricker, Jr., MD 43; Nov. '06
Dale D. Doherty, MD 44; Feb. '07
Geogene (Rally) Karis, LA 44; March '07
Martin M. Koshner, BU 44; Jan. '07
Lucille C. (Gaffney) Fierce, SW 46; Feb. '07
Albert P. Rauber, MD 46; March '07
Clarence M. Dishes, LA 47; Feb. '07
Hiroshi Kanegawa, DE 47; Jan. '07
Howard H. Marx, DE 47; Dec. '06
Frederick W. Schulte, JR, EN 47; April '07
Donald B. Stewart, MD 47; Dec. '06
Edith Louise (Noel) Bley, FA 48; March '07
C. William Roos, EN 48, SI 49; Jan. '07
Hersold V. Staththun, EN 48, LW 51; April '06
Charles E. Wills, EN 49; Feb. '07
Charles E. Wills, EN 49; Feb. '07
Robert A. Howard, GR 38; Feb. '07
Walker A. Mier, EN 38; Aug. '06
Adrienne Jane (Faust) Throop, LA 38; Feb. '07
Henry J. Zimmermann, EN 38; March '07
William T. Flynn, EN 39, SI 41; March '07
Martha Caroline (Sobie) Heideman, UC 39; Jan. '07
Owayne V. Jones, BU 39; Feb. '07
Marie C. (Deubler) Steppeler, FA 39; March '07
Charles E. Wills, EN 39, LW 48; Jan. '07

1950s

William J. Stuckey, LA 49, GR 59; Jan. '07
Calvin N. Thomas, LA 49; Oct. '06
Hon. McCormick V. Wilson, LA 49, LW 51; Nov. '06

1960s

William M. Hykens, UC 50; March '07
Leonard J. Lueken, EN 50; Jan. '07
Martin Porter Platz, LA 50; Oct. '06
Stephen D. Saboff, BU 50; Feb. '07
Robert M. Smith, BU 50; July '06
Edgar N. Davison, LA 51, DE 54; April '06
Arnold W. Foster, GR 51; Dec. '06
Betty J. (Tracy) Galver, LA 51; Feb. '07
Ross E. Morris, LW 51; March '07
Ernest H. Schaper, MD 51; Feb. '07
Elen (East) Skovlin, LA 51; April '06
O. Jurges Bendikas, GB 52; March '07
Charles L. Cucullu, EN 52; Aug. '06
Patience Joann (Zook) Bicknell, NU 53; GN 61; Feb. '07
Bernice Carter, GR 53; March '07
Jo Coffee, LA 53; March '07
Patricia J. Keller, GR 53; April '07
Clyde P. Orr, SI 53; Feb. '07
William H. Overturf, JR, LA 53; March '07
Arthur J. Dalies, Jr., MD 54; Nov. '06
Philip C. Fischer, GR 54; May '06
Alleen (Moll) Fish, LA 54; Feb. '07
James N. Holsen, SI 54; March '07
Willbur L. Kirchner, EN 54; March '07
Edward Shaddid, DE 54; Jan. '07
William J. Goessmann, Jr., EN 55; Sept. '06
George Ostroot, Jr., GR 55; Feb. '07
Robert L. Pepin, LA 55; Jan. '07
Mildred Mary (Kaufmann) Bester, UC 56; March '07
Allan Erblitch, BU 56; April '07
Peter W. Field, EN 56; April '07
Bernard H. Sirkin, BU 56, GB 65; Feb. '07
Sally Lou (Pugh) Yett, FA 56; Nov. '06
Clifton R. Bell, GR 57; March '07
Robert A. Feger, UC 57; April '06
John W. Grayson, Jr., MD 57; June '06
Edith (Buzy) Noble Thatcher, GR 57; March '07
Myra (Berger) Wildman, UC 58; SW 79; Feb. '07
Paul K. Cropper, DE 58; Jan. '07
Houston E. Harrison, GR 58; Feb. '07

SUMMER 2007 WASHINGTON UNIVERSITY IN ST. LOUIS 45
In Remembrance

John F. Bass

John F. Bass, M.A. ’62, the first African-American elected to citywide office in St. Louis, died February 25, 2007. He was 80.

Bass, a native of St. Louis, was a prominent politician and educator, whose quiet public demeanor contrasted with his colorful and varied past and powerful influence. As a teenager, he was a successful boxer, and he won a boxing scholarship to Lincoln University in Jefferson City, Missouri, from which he earned degrees in business administration and economics. Bass, who served in the U.S. Navy, went on to earn a master’s degree in education in Arts & Sciences from Washington University in 1962.

After rising from teacher to principal at Beaumont High School in St. Louis in the racially restive 1960s, Bass was tapped in 1971 by then-St. Louis Mayor Alphonso Cervantes to head the city welfare department. Bass quit that job to run for city council in 1973, defeating three white opponents to gain the position, which he held until 1977.

He later won a special election for 20th Ward alderman, and, in 1978, he served as deputy director of the state Department of Transportation. In 1981, he won a special election to the state Senate, representing a predominantly African-American section of St. Louis for 10 years. As a state senator, he championed city causes and helped secure state funding for the construction of the Edward Jones Dome.

In 1991, he resigned to join political ally and now retired U.S. Rep. William L. Clay, Sr., a longtime friend, in Washington, D.C. Until Republicans took control of the U.S. House in 1995, Bass was staff director for the congressional subcommittee overseeing the Smithsonian Institution, the Kennedy Center, and various memorials.

Bass’ wife, Frieda, died in 1986. Among survivors are a daughter, two grandchildren, a great-grandchild, and his longtime companion, Marietta Shelton.

Vaughan “Bing” Devine

Vaughan “Bing” Devine, A.B. ’38, who transformed the St. Louis Cardinals and the New York Mets into World Series champions in the 1960s in a career spanning seven decades as a baseball executive, died January 27, 2007, at Barnes-Jewish Hospital in St. Louis. He was 90.

Devine, who was a member of the Bears’ baseball and basketball teams, was in the inaugural class inducted into the Washington University Sports Hall of Fame in 1992.

After graduation from Washington University, Devine spent one year in minor league baseball and, from 1939 to 1964, he was employed by the St. Louis Cardinals. He served in the U.S. Navy from 1943 to 1946. His positions with the Cardinals included director of public relations, minor league manager, vice president, and general manager.

In his first stint as the Cardinals’ general manager, Devine shepherded the Cardinals’ first World Series champion teams of 1964 and ’67, and the ’68 National League winners. (However, Cardinals’ owner, Gussie Busch, fired Devine in mid-August 1964, when the team seemingly was out of the pennant race. Six weeks later, the Mets hired Devine as a top assistant to George Weiss, the team president. Devine, who succeeded Weiss as the Mets’ president, was rehired by the Cardinals as general manager in December 1967 and remained in the post until 1978.) He also was an executive with the Philadelphia Phillies, the Houston Astros, the San Francisco Giants, and the Montreal Expos. In addition, he was president of the N.F.L.’s St. Louis Cardinals.

At his death, more than 80 years after he saw the Cardinals play the Yankees in the 1926 World Series, he was working for the Cards as a special assistant for scouting.

He is survived by his wife, Mary; three daughters; eight grandchildren; and three great-grandchildren.

Jacqueline Tatom

Jacqueline Tatom, assistant professor of architecture in the Sam Fox School of Design & Visual Arts, died at her home in St. Louis’ Central West End on March 18, 2007, after a long battle with ovarian cancer. She was 51.

Tatom, a registered architect, had practiced in France, the United States, and West Africa. Her research focused on contemporary urbanism and the metropolis, particularly issues of transportation, infrastructure, de-urbanization, and environmental sustainability.

Born in Morocco to an American father and European mother, Tatom was raised in France, Germany, and the United States. She studied at the University of Texas at Austin and the Unité Pédagogique d’Architecture N.1 in Paris earning a diplôme d’architecture DPLG, the French professional degree, in 1980.

From 1980 to 1984, Tatom served in several capacities for Bouygues, a large construction/engineering firm, for which she traveled to Algeria and Lagos, Nigeria. After a short stint with Cabinet D’Architecture Erez Eliong in Cameroon, she returned to the United States and settled in New York, joining Gruen Associates and then Studio for Architecture, where she met her husband, Paul Naeker. From 1986 to 1990, she was an associate at SITE Projects, an influential
Remembering a True Statesman

Thomas F. Eagleton, a major figure in U.S. and Missouri politics for 50 years and a University professor emeritus in public affairs, died March 4, 2007, at St. Mary’s Hospital in Richmond Heights, Missouri, from heart, respiratory, and other problems. He was 77.

Eagleton served as the Thomas F. Eagleton University Professor of Public Affairs and Political Science in Arts & Sciences from 1987 until 2000, when he was named professor emeritus. At the University, he team-taught a popular interdisciplinary course on business and politics with Murray L. Weidenbaum, the Edward Mallinckrodt Distinguished University Professor and professor of economics in Arts & Sciences.

Cross-listed in the Olin School of Business and the Departments of Economics and Political Science, both in Arts & Sciences, the “Eaglebaum” course was known for playful intellectual sparring matches contrasting the views of Eagleton, a liberal Democrat, with those of Weidenbaum, former chief economics advisor to Republican President Ronald Reagan.

Eagleton served in public office for 50 years. During 18 years as a Democratic senator from Missouri, he was active in matters dealing with foreign relations, intelligence, defense, education, health care, and the environment. He was one of the principal sponsors of the Clean Air Act of 1970 and the Clean Water Act of 1972, the bills that generally are regarded as the foundation of modern environmental protection. And, in 1973, he wrote an amendment to a defense appropriations bill to cut off funding for the bombing of Cambodia, effectively ending America’s involvement in the Vietnam War. He subsequently described the passage of this amendment as the proudest moment of his career.

In the area of education, Eagleton was a principal Senate proponent of the Individuals with Disabilities Education Act, was a co-author of the bill that created Basic Educational Opportunity Grants (now known as Pell Grants) for college students, and was a principal Senate proponent of the creation of the National Institute on Aging.

Eagleton’s legislative legacy in Missouri includes the designation of eight federally protected wilderness areas in southern Missouri.

Before he served in the Senate, Eagleton, at the age of 27, was elected as circuit attorney of the City of St. Louis, was elected attorney general of Missouri in 1960 (the youngest person ever to hold that office), lieutenant governor of Missouri in 1965, and, at 39, was elected U.S. senator from Missouri in 1968. He was re-elected to the Senate in 1974 and 1980, and in 1986, he declined to seek re-election.

The second son of prominent attorney Mark D. Eagleton and Zitta Swanson Eagleton, Thomas Eagleton was raised near Tower Grove Park. He was educated at Saint Louis Country Day School, Amherst College, Harvard Law School, and Oxford University. He also served in the U.S. Navy.

Following his retirement from the Senate, Eagleton returned to St. Louis to teach, work on a variety of civic issues, and practice law. He joined the law firm of Thompson & Mitchell (now Thompson Coburn), with which he remained associated until his death.

Eagleton led the successful civic effort to relocate the Los Angeles Rams football team to St. Louis in 1995, and he remained politically active on behalf of many candidates and issues. In 2006, he was active in the campaign for Amendment 2 to the Missouri Constitution to protect stem cell research.

A passionate collector of expressionist and contemporary German art, he delighted in sharing this passion with the public through loans and gifts to various art museums.

Eagleton, the author of three books, received numerous awards, honors, and honorary degrees, and in September 2000, the new federal courthouse in St. Louis was named the Thomas F. Eagleton United States Courthouse in his honor.

He is survived by his wife of 51 years, Barbara; a son and daughter; three grandchildren; and a brother.

Patricia Jane Keller

Patricia Jane Keller, Ph.D. ’53, an outstanding biochemist and one of the first women scientists in oral biology, died April 1, 2007, in Michigan, her native state. She was 83.

Keller, who earned a bachelor’s degree summa cum laude in chemistry from the University of Detroit in 1945, earned a doctoral degree in biochemistry in 1953 from Washington University, where she studied under Gerty Cori, the first American woman to win a Nobel Prize. At the time, women generally were not welcomed into the scientific community.

In 1955, when she joined the faculty of the University of Washington in Seattle, she was the only female research instructor in the biochemistry department. Identified as a woman in a man’s world and a strong supporter of women’s rights, she became chair of the oral biology department and later associate dean of the Graduate School, making her one of the highest placed women in the university system.

Keller’s research, focusing on digestive enzymes secreted by the salivary glands and the pancreas, took her on international travels, which she greatly enjoyed; and her findings were well-published in juried scientific journals.

She had a longtime love affair with the Pacific Northwest, and her home in Kirkland, Washington, overlooked Lake Washington, a view she savored. She also enjoyed mountain backpacking treks, photography, and sailing expeditions with friends.

Keller, who never married and had no children, is survived by three sisters, one brother, 11 nieces, and eight nephews.
"Letting Go"
Helps Families with Transition to College

"My role is to collaborate with my incredible partners ... to help freshmen and their parents become comfortable with the University, understand how it works, and take advantage of what it has to offer."

BY TERRI MCCLAIN

For many young people, college itself is a transitional stage of life, a time of becoming. And at Washington University, two crucial points in that transition—the coming and the going—are marked by ceremony. Each class comes together for the first time at Freshman Convocation, and for the second and last time at the departure ceremony known as Commencement.

During the semesters and years that lie in between, students become integrated into the University community. They learn the culture, build relationships, acquire new skills, explore expanding interests, and grow more independent of their parents.

All of this is made easier, says Karen Levin Coburn, assistant vice chancellor for students and associate dean for the freshman transition, if the transition from high school to college—the freshman transition—is a smooth one. The smoother the freshman transition, the sooner new students can become confident, involved, and creative members of the University community.

"This is Karen's area of particular expertise and focus," says Jim McLeod, vice chancellor for students and dean of the College of Arts & Sciences. "I would say arguably that we have one of the most extraordinarily effective freshman experiences of any institution I know. She has taught me to be a student of the experience. In other words, she realized that young people are always changing the place in which they are studying, living, and working—and one has to be a student of that experience in order to make changes that improve it."

Coburn's role is to provide leadership in the University-wide effort to welcome new undergraduate students (both freshmen and transfers) and to help them make the most of their opportunities here. For freshmen, the process begins early, well before their first day of class.

The Freshman Reading Program, initiated by Coburn, introduces first-year students to the intellectual life of the University. Incoming freshmen are sent a book or series of readings over the summer, which then are integrated into activities and classes throughout Orientation and their first semester. This fall, students will read Einstein's Dreams by Alan Lightman, who will come to campus as a visiting Hurst professor in September.

"When freshmen come to campus, they meet with a faculty member in groups of 20 to 25 to discuss the book," says Coborn. "This introduces them to the kind of debate, inquiry, and discussion they will be experiencing throughout their academic life. It also provides a common experience early on and helps them to connect with other people on their floor and in their residential college before classes even start."

For the past eight years, Freshman Orientation week has been launched with the Freshman Convocation: a "colorful ceremony" says Coburn, that is intended to mark the transition in a symbolic way. After a program in the Athletic Complex that includes a faculty procession in full academic regalia, as well as addresses by the chancellor, a faculty member, and a senior student, the freshmen proceed from the Athletic Complex to the Quadrangle.

"Their parents, holding glow sticks, line the walkway symbolizing the pathway to knowledge," says Coburn. "The chancellor and the faculty speaker, carrying torches, lead the procession of students accompanied by a cadre of bagpipers. When they reach the Quad, parents and students join each other and celebrate with Ted Drewes frozen custard and live music."

"As the person who oversees Freshman Orientation and the first-year experience, Karen has an enormous effect on many of our students and how they come to find their place on the Danforth Campus," says Steve Givens, associate vice chancellor and executive director of university communications. "She is such a great contributor to the life of the University and its students because she brings a sensitivity and a warmth to all that she does. Washington University would not be the same without her."

Concurrent with Freshman Orientation is Parent Orientation, which also falls within Coburn's field of expertise.

"We have been running Parents Weekend and Parents Orientation for a long time," she says. "Our goal is to help parents feel comfortable, to help them understand how the University works, to help them understand what..."
Parents have always played that role, but it has intensified. This generation of parents is more connected to their children. And, as a result of today's communication technology, students are more likely to contact them for day-to-day advice. We encourage parents to learn what the University has to offer and to coach their children to turn to people and resources right here on campus for assistance.

Coburn created and oversees the University's Parents Web site, as well as an electronic newsletter for parents. She also works on initiatives that affect freshmen throughout their first year and serves as a four-year academic advisor. Her other leadership responsibilities include the Habif Health and Wellness Center, which offers comprehensive health services for students, and the Office of International Students and Scholars, which assists international students with immigration procedures and offers cultural and academic programs to help ensure their success. She also serves as a women's crisis counselor.

"Karen's wisdom, compassion, and creativity have positively impacted numerous students, faculty, and staff," says Jill Stratton, associate director of residential life. "Over the last 14 years, I have turned often to Karen for her guidance and support while learning from and observing her strong advocacy and activism around issues related to women, social justice, and diversity."

"One of the things that's extraordinary about Karen is her versatility," says McLeod. "Since she's been here, she's advised students, she's been a professional counselor, she's built our career services area, and she's been engaged in a wonderfully broad range of activities. She manages a number of very critical departments."

Coburn concludes: "The freshman transition is a complex process. And it's a process that continues throughout the first year. My role is to collaborate with my incredible partners—faculty, administrators, staff, and upperclass students—to help freshmen and their parents become comfortable with the University, understand how it works, and take advantage of what it has to offer."

Karen Levin Coburn, Assistant Vice Chancellor for Students and Associate Dean for the Freshman Transition

we expect of the students, and to help them understand positive ways that they can support their child's success and emerging adulthood."

"Karen is so good at what she does because she's able to see the bigger picture," says Rob Wild, A.B. '93, assistant to the chancellor. "She is someone I deeply trust to provide good advice and insight into the personal challenges faced by college students, as well as how we as a University can help them overcome those challenges. She understands the critical role that parents play in getting their students to college and how they can best support their children when they are in college."

Coburn and her co-author, Madge Treeger, M.A. '75, a former member of the University Counseling Service, wrote the first edition of Letting Go: A Parents' Guide to Understanding the College Years in 1988. Now in its fourth edition, published in 2003, it has sold more than 300,000 copies and is recommended by high schools and colleges throughout the country. The book will be published in a Chinese edition next year.

The publication of Letting Go has led to numerous radio and television guest appearances, including Good Morning America, CBS This Morning, CNN's Parenting Today, and NPR's Talk of the Nation and Weekend Edition.

"Parents are definitely an important part of the equation," says Coburn. "They are partners in the transition process and in helping their students be more successful. Parents are definitely an important part of the equation," says Coburn. "They are partners in the transition process and in helping their students be more successful.

Karen Levin Coburn, Assistant Vice Chancellor for Students and Associate Dean for the Freshman Transition

Parents have always played that role, but it has intensified. This generation of parents is more connected to their children. And, as a result of today's communication technology, students are more likely to contact them for day-to-day advice. We encourage parents to learn what the University has to offer and to coach their children to turn to people and resources right here on campus for assistance."

Coburn created and oversees the University's Parents Web site, as well as an electronic newsletter for parents. She also works on initiatives that affect freshmen throughout their first year and serves as a four-year academic advisor. Her other leadership responsibilities include the Habif Health and Wellness Center, which offers comprehensive health services for students, and the Office of International Students and Scholars, which assists international students with immigration procedures and offers cultural and academic programs to help ensure their success. She also serves as a women's crisis counselor.

"Karen's wisdom, compassion, and creativity have positively impacted numerous students, faculty, and staff," says Jill Stratton, associate director of residential life. "Over the last 14 years, I have turned often to Karen for her guidance and support while learning from and observing her strong advocacy and activism around issues related to women, social justice, and diversity."

"One of the things that's extraordinary about Karen is her versatility," says McLeod. "Since she's been here, she's advised students, she's been a professional counselor, she's built our career services area, and she's been engaged in a wonderfully broad range of activities. She manages a number of very critical departments."

Coburn concludes: "The freshman transition is a complex process. And it's a process that continues throughout the first year. My role is to collaborate with my incredible partners—faculty, administrators, staff, and upperclass students—to help freshmen and their parents become comfortable with the University, understand how it works, and take advantage of what it has to offer."

Terri McClain is a free-lance writer based in St. Charles, Missouri.
In Tribute  Scholars from the McDonnell International Academy visited the National WWII Memorial—which honors the 16 million who served in the U.S. armed forces, the 400,000 who died, and the millions who helped the effort at home—during their trip to Washington, D.C., in March 2007.