Design of the Times  Pritzker-Prize–winning architect Fumihiko Maki shapes arts education again with the new Kemper Art Museum and Walker Hall.
Engineering 'Art' (Above) Mechanical and aerospace engineering students Rahul Bhinge (left) and John Beltz (right) look on as "Action Jackson," designed to "create" in the style of Jackson Pollock, works its magic. Bill Smart, assistant professor of computer science and engineering and co-director of the Media and Machines Lab in the computer science department, originated the idea; then mechanical and aerospace engineering student Topher McFarland took the lead, with assistance from Bhinge and Beltz, creating Action Jackson as a senior class project. (Image is a colorized detail of the original "art.")
Professor Randy J. Larsen is chair of the Department of Psychology in Arts & Sciences; his pioneering research reveals the underlying causes of "subjective well-being" (page 76).

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31 Creative Chemist
In 2005, BusinessWeek named alumnus Michael Lefenfeld one of its best entrepreneurs under 25. A lifetime passion for scientific exploration has led to his founding an already successful company, SiGNa Chemistry.
Remains Show Intermixing of Modern Humans and Neandertals

According to Erik Trinkaus, the Mary Tileston Hemenway Professor in Arts & Sciences, a re-examination of an ancient skull (above, right) and other remains adds to the evidence that modern humans and Neandertals interbred as the humans dispersed across Europe about 35,000 years ago.

Significantly, the cranium has the back, which is more typical of Neandertals. The skull was among the 30,000-year-old remains unearthed in Romania’s Peștera Muierii (Cave of the Old Woman) in 1952 and recently re-examined via radiocarbon-dating and shape analysis by Trinkaus and Romanian colleagues Andrei Soficaru and Adrian Dobos.

The team says that the mixture of human and Neandertal features indicates that there was a complicated reproductive scenario as humans and Neandertals mixed, and that the hypothesis that the Neandertals were simply replaced should be abandoned.

Students ‘Score’ with Super Bowl Ad

Some people watch the Super Bowl ads and think, “I could have done that,” and in fall 2006, a team of University students actually did create a Super Bowl commercial in the “Chevy Super Bowl College Ad Challenge.” Out of hundreds of entries from colleges and universities nationwide, the team’s ad was one of five finalists chosen.

Though the winning entry, aired during Super Bowl XLI on February 4, 2007, was from Katelyn Crabb, a freshman at the University of Wisconsin at Stevens Point, the “Chevrolet Team 509,” from Washington University, performed “like experienced, battle-tested professionals,” says its adviser, Frank Oros, associate professor of visual communications in the Sam Fox School of Design & Visual Arts.

As finalists, team members (from left)—Shlomo Goltz and Nathan Heigert, both Art Class of ’07, and Hubert Cheung, Business Class of ’07—were flown to Detroit, where they spent a hectic weekend preparing for presentations to executives from General Motors and its ad agency, Campbell-Ewald.

“Every waking moment we were wired for sound,” Oros says, “and, through it all—constant briefings, public relations events, automobile test drives, grueling all-night brainstorming, creative production sessions, and the final presentation at GM headquarters—the students showed amazing grace under pressure.”

Brain Waves Create ‘Moving’ Experience

University scientists and a teenage patient at Barnes-Jewish Hospital in St. Louis have added to the evidence that one can move objects, using only brain signals. The 14-year-old played the video game Space Invaders, using only signals from his brain to move video icons, and, almost instantaneously, he was able to master level one of a two-dimensional version. He went on to a more complex two-dimensional version, in which he mastered the first two levels.

Nick Anderson, a Ph.D. student in biomedical engineering, came up with the idea of using the Space Invaders game both to help the patient pass away (the time between the surgery and the death were only one set of teenage data. “But we observed much-quicker reaction times in the boy, and he had a higher level of detail of control,” he reports.

The experiment evolved after the teenager’s clinical care physicians, led by Mathew Smyth, assistant professor of neurological surgery, and John Zempel, associate professor of biomedical engineering, prescribed neurosurgery to place an electrocorticographic (ECoG) grid directly on his brain, in hopes of determining (and perhaps leading them to remove) the part of the brain serving as the focus for the boy’s frequent, severe epileptic seizures. (The goal was to prevent future seizures.)

The success has implications toward some day building biomedical devices that can control artificial limbs, for instance, enabling the disabled to move a prosthetic arm or leg by thinking about it.

Leading the research were Eric C. Leuthardt, assistant professor of neurological surgery, and Daniel Moran, associate professor of biomedical engineering, who, in 2004, led a team of researchers who were the first to perform similar studies on four adult patients. The two were eager to get data from a teenager to see if there are any differences between how teens and adults function.

Leuthardt says it is too early to make comparisons between adults and teenagers because they have only one set of experience.

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Physicians Eric Leuthardt (seated) and Matthew Smyth (center) play Space Invaders while biomedical engineer Daniel Moran watches. As part of their research, a patient played the game using only brain signals.

occurrence of a seizure and to garner useful, pioneering data. Once all necessary permissions were given, computer science and engineering master's degree candidate Tim Blakeley pulled several all-nighters to program the game into the ECoG system.

"This really was a symphony of expertise ranging from neurosurgery, neurology, neuroscience, engineering, and computer science that was years in the making," Leuthardt says, "and the end result is something we can really be proud of."

Undergrads Get Taste of Life as a Physician

Through a biology course known as the Med Prep Program, undergraduate pre-med students can get an accurate, realistic idea of what it takes, day-to-day, to be a physician and what to expect in the years ahead.

Greg Polites, assistant professor of emergency medicine and assistant director of the Emergency Medicine Residency Program, took over as instructor of the course in fall 2005. "I designed the course's curriculum to give students detailed information regarding every step of the medical-education process, from the day a student applies to medical school to the day he or she becomes a board-certified physician," Polites says. "That's why this class is excellent for those who are 'on the fence,' trying to decide if medicine is right for them."

The course includes a weekly, two-hour lecture, covering topics such as the dos and don'ts of applying to medical school and the attitude that medical school professors expect of students. There also are question-and-answer sessions, in which residents from several specialties discuss the pros and cons of their specialties, the training time involved, and the lifestyle during residency.

In addition, students get to shadow Polites and other physicians in the Emergency Department at Barnes-Jewish Hospital for three hours every other week. "In shadowing, students don't work with patients, but they see everything we do with the patients," Polites says. "They get to see the thought process we use in treating both routine medical problems and life-threatening conditions.

One point Polites says he tries to drive home is that being an excellent physician requires more than just a good memory and test-taking skills. "It requires humility, a commitment to continued learning, and a degree of selflessness that is found in few other professions."
Managing Innovation Is Subject of New Course

Contrary to popular opinion, managing innovation and creativity within a company does not mean using a mystical process to come up with wild and crazy ideas. Nor does it mean trying to infuse those qualities by hiring "creative" types.

"Organizations need to manage innovation in a systematic way," says Panos Kouvelis, the Emerson Distinguished Professor of Operations and Manufacturing Management, "to get employees to think outside the box—something that can spell the difference between success and failure."

That's why, in fall 2006, the Olin School of Business offered a new course titled The Theory and Practice of Innovation: From the Creative Process, Through Intrapreneurship, Commercialization, Competition, and Renewal. Taught by a six-professor team, the cross-functional, semester-and-a-half-long, six-credit-hour course is itself "unique and innovative," Kouvelis says.

The course, in which 40 M.B.A. students were enrolled, aims to demystify and systematize the creative process, teach the theory and psychology of innovation, and give students real-world organizational problems to solve for actual companies and government entities.

In addition to Kouvelis, instructors include Olin faculty members in economics, finance, marketing, and organizational behavior, as well as an Arts & Sciences faculty member in education and psychology. An improvisational-theater group provides students interactive role-playing exercises.

Scientists Aim to Turn Bacteria into Biofuel

University biologists will be at the forefront of examining six photosynthetic bacteria for their potential as one of the next great sources of biofuel that can run our cars and warm our houses.

Himadri 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, will head a team of biologists at WUSTL and elsewhere in the analysis of these microscopic cyanobacteria (blue-green algae) that capture sunlight and then do a variety of biochemical processes.

One potential process, the clean production of ethanol, is a high priority for the U.S. Department of Energy, which has committed $1.6 million to have the DNA of the six bacteria sequenced at its Joint Genome Institute in Walnut Creek, California. Once sequencing is completed, Pakrasi's group of nearly two dozen researchers will do a lengthy, painstaking manual annotation of the gene sets of each organism to figure out what each gene of each strain does. "Then we can pick and choose and make a designer microbe that will do what we want it to do," says Pakrasi, director of the University's Bioenergy Initiative.

In producing ethanol, cyanobacteria have a distinct advantage over biomass, such as corn or other grasses, because they use carbon dioxide as their primary cellular carbon source and emit no carbons, and they naturally ferment.
For Women's Soccer, It Was a Record Year

The year 2006 wasn't merely a very good year for women's soccer; it was historic.

The team, coached by Wendy Dillinger and paced by midfielder and co-captain Meghan-Marie Fowler-Finn (far right), Arts & Sciences Class of '07, was the first in Bears history to reach the NCAA Sectional Semifinals. They also posted the best season and conference records in Bears history—17-3 overall (7-0, UAA). At the season's end, on November 18, the team was ranked No. 11 nationally.

For the fourth time in Bears history, the team won the UAA championship. In addition, several team members and the coaching staff garnered all-UAA accolades. Fowler-Finn was named the UAA Player of the Year, becoming the sixth player in school history to receive the honor; forward Caryn Rosoff, Arts & Sciences Class of '10, was named UAA Rookie of the Year; and joining them on the all-UAA first team were midfielder Talia Bucci, Arts & Sciences Class of '07, and goalkeeper Carrie Sear, Arts & Sciences Class of '08.

Fowler-Finn, who ranks third at the University in career game-winning goals (12) and fourth in goals scored (39) and points (99), appeared in Sports Illustrated's Faces in the Crowd and was named Academic All-America, National Player of the Year by D3kicks.com, and to the first team of the 2006 NSCAA (National Soccer Coaches Association of America)/adidas NCAA Division III Women's Soccer All-America Team.

Indigenous Rights to Plant Medicine Supported by Law Clinic

The School of Law's Intellectual Property & Business Formation Legal Clinic has been helping protect indigenous rights to South African medicinal plants.

Law students in the clinic are assisting the International Center for Indigenous Phytotherapy Studies, a consortium led by the University of Western Cape in South Africa, the University of Missouri, and the Missouri Botanical Garden, in complying with the new South African Biodiversity Act.

The consortium, funded by the National Institutes of Health, researches the safety and efficacy of South African phytotherapies, promotes conservation of plant biodiversity, preserves traditional healers' knowledge of medicinal plants, and strives to educate healthcare providers and consumers about phytotherapy.

In support of the project, Karen Tokarz, professor of law and director of Clinical Education & Dispute Resolution Programs, and David Deal, lecturer in law and administrative director of the clinic, recently traveled to South Africa.

Architects Win AIA Awards

Two faculty members' design for a 200-room hotel and convention center in Moscow (right) won a Merit Award in the Unbuilt category in the 2006 Design Award competition sponsored by the St. Louis Chapter of the American Institute of Architects (AIA).

The design, by Paul J. Donnelly, FAIA, the Rebecca and John Voyles Professor of Architecture, and Sung Ho Kim, assistant professor of architecture and principal of Axi:Ome, is for a Russian development corporation's site near the historic Donskoy Monastery and near the Kremlin. Serving as consultant on the project was Matthew Horvath, M.Arch. '05.

Other award winners from the University were a joint entry by Jodi Polzin, visiting assistant professor of architecture, and Greg Hitchcock, research assistant; an entry by Donald Koster, AIA, a Weese Teaching Fellow and visiting assistant professor of architecture; and a team entry by Ian Caine, affiliate assistant professor of architecture, HKW Architects, St. Louis, graduate architecture student Barbara M. Boykin, and Geoffrey Loo, M.Arch. '04, now with Cannon Design, St. Louis.
Biofuel: A Boon for Developing Countries?

When a recent alumnus and four current students began a spring ’06 practicum sponsored by the World Agricultural Forum (W.A.F.), they never imagined they would end up making a proposal to use the jatropha plant, common in sub-Saharan Africa, as a biofuel to help stabilize economies in developing countries.

Nor did they envision that they would present their findings to dignitaries at a W.A.F. meeting in Washington, D.C. (The audience included United Nations dignitaries, current and former executives of U.S. companies such as Anheuser-Busch, Bunge, Monsanto, and Novus, as well as W.A.F. members worldwide.)

The participants—Steven Gabster, A.B. ’06, and Kevin Lehneuter, Keith McLamb, Jake Schnarre, and Tom Stehl—were assigned the task of exploring the feasibility of alternative fuels, such as ethanol, in developing countries. (W.A.F. is a nonprofit organization that examines domestic and global agricultural policy and helps to implement solutions through policy and practice.)

The team quickly realized that developing countries often lack capabilities to build large-scale biofuel-processing facilities. However, they discovered a feasible and cost-effective alternative. The jatropha plant, inedible to humans and animals and commonly used as a hedge, produces seeds containing more oil than soybeans.

The team reported that if each village had its own crop of jatropha, the oil could fuel a multi-function, diesel power unit, relieving dependence on outside sources of fuel. The benefits of such a system would improve the quality of life for people in the village. For example, a generator could improve health care by pumping fresh water or powering refrigeration to store medicine.

Team members’ diverse training helped them succeed. Gabster’s degree was in political science and finance in Arts & Sciences. Lehneuter, who has an undergraduate degree in plant genomics, and Schnarre, who has an undergraduate degree in agriculture systems management, are in the M.B.A. Class of ’07. McLamb is in the J.D./M.B.A. Class of ’07, and Stehl, who had experience in working in developing countries, is in the M.S.W./M.B.A. Class of ’07.

Because the W.A.F. acts as a neutral venue for global agriculture concerns, the organization won’t be making any actual investments in jatropha projects. However, based on the team’s work, the forum is building a model to demonstrate jatropha’s capabilities for development, which likely will attract philanthropists and investors.

The organization has kept Schnarre on board to continue working on the project.

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WUSTL Earns Top-10 Rankings

In three separate national rankings—faculty scholarly productivity, black student college graduation rates, and the number of National Merit Scholars in the freshman class—the University ranks in the top 10.

Among 166 large research universities, WUSTL ranks as the seventh most productive as measured by the faculty’s scholarly productivity, as well as ranking in the top 10 in five broad areas and 19 specific disciplines, according to Academic Analytics’ Faculty Scholarly Productivity Index (FSP Index), a new quantitative method for ranking doctoral programs at research universities.

In five of the index’s 11 “broad field” categories, WUSTL ranks in the top 10. Specifically, its social and behavioral sciences rank third; its biological and biomedical sciences, fourth; its programs in public administration and social services professions tied at fifth; its humanities are sixth; and business tied for seventh.

In aggregated rankings prepared with study data by the Chronicle of Higher Education, political science in Arts & Sciences ranks No. 1. So does ecology and evolutionary biology.

In “individual discipline rankings”—within the broad field categories—19 disciplines at WUSTL rank in the top 10. In the Division of Biology and Biomedical Sciences, 10 of the division’s 12 programs were among the 19 in the top 10.

The FSP Index, released in January 2007, rates 7,294 doctoral programs and 177,816 faculty members at 354 institutions. Based on data from 2005, it examined the number of book and journal articles published by each program's faculty, as well as journal citations, awards, honors, and grants received.

In other recent rankings, WUSTL fared equally well. According to the Journal of Blacks in Higher Education, the University ranks 8th in the nation in its black student graduation rate, with 91 percent of black students graduating. This is far better than the national average of 43 percent. The University has a 91-percent graduation rate for both blacks and whites.

WUSTL ranks fourth in the nation in the number of National Merit Scholars in the 2006–07 freshman class, according to the National Merit Scholarship Corporation’s annual report. It had 241 Merit Scholars enrolled in the class. Please visit rankings.wustl.edu.
Unlocking Secrets of Disease Is Goal of New Genomic Research

Washington University’s Genome Sequencing Center has been awarded a $156 million, four-year grant to use the powerful tools of DNA sequencing to unlock the secrets of cancer and other human diseases. The grant, among the largest awarded to Washington University, is one of only three given by the National Human Genome Research Institute (NHGRI) to U.S. sequencing centers. (The other two grants went to the Baylor College of Medicine and to the Broad Institute at Massachusetts Institute of Technology and Harvard University.) The funds also will be used to improve scientists’ understanding of the human genome and to sequence the genomes of non-human primates and microbes.

“The Human Genome Project gave us the blueprint of the human genome, and now we’re ready to comb that genome to find genetic changes that underlie the development of cancer and sustain its growth,” says Richard K. Wilson, who is professor of genetics, director of the Genome Sequencing Center, and a leader in the worldwide scientific collaboration that produced the first human genome sequence in 2000.

Genetic errors, or mutations, are known to accumulate in normal cells, ushering in a transformation that can eventually lead to cancer. An estimated 300 genes involved in cancer already are known, and a more in-depth search could identify numerous others that determine, among other things, how aggressive a particular tumor is or which drugs might work best to treat it.

The cancer gene sequencing effort is part of The Cancer Genome Atlas, a joint pilot project of the NHGRI and the National Cancer Institute that initially will focus on identifying small changes, such as duplications or deletions of genetic material, in three types of cancer: ovarian, lung, and glioblastoma, an aggressive brain tumor.

Over the next four years, the centers in the NHGRI program also will mount a major new effort to gather genetic data faster and less expensively than before.

Breaking the Cycle of Poverty


The free event, attended by some 170 persons, was designed for members of the St. Louis community interested in building wealth, maintaining good credit, purchasing a home, or starting a business.

“We wanted to present the King Holiday not as a tradition or a holiday lesson but as a call to action to fight for economic and social justice,” says Charletta Hurt, SBSSW co-chair and first-year student in social work.

The event featured workshops, such as qualifying to buy a home, becoming debt-free, and accumulating wealth, as well as a keynote address by John Hope Bryant, founder, chairman, and CEO of Operation HOPE, a nonprofit, national provider of economic empowerment tools and services for the underserved.

In addition to the SBSSW, event sponsors included the University’s Richard A. Gephart Institute for Public Service, School of Social Work, and the School’s Center for Social Development, as well as Gateway Bank of St. Louis, the St. Louis Clergy Coalition, and Southwest Bank.
Nanotechnology Treats Plaques, a Cause of Clogged Arteries

Atherosclerotic plaques—a buildup of cholesterol, inflammatory cells, and fibrous tissue inside an artery—can rupture, causing a heart attack or stroke, and they are notoriously tenacious. But University researchers have shown that nanotechnology, the use of microscopically small spheres, can effectively treat the problem.

Patrick Winter, research assistant professor of medicine, demonstrated that nanoparticles, invented by two medical faculty members, could carry a drug directly to the plaques. (Heart specialists Samuel Wickline, professor of medicine, of biomedical engineering, of physics, and of cell biology and physiology, and Gregory Lanza, associate professor of medicine and biomedical engineering, created the particles.)

In Winter’s study, using rabbits, researchers wanted to attack the plaques’ “food” source—the minute, blood-supplying vessels within a plaque—so they put two “passengers” on the nanoparticles: a dose of fumagillin, a drug shown to stop the process that creates new blood vessels, and a component that fastens the particles to cells found in newly developing blood vessels. Stuck in this position, the nanoparticle dropped its load of fumagillin, concentrating it at the site of the plaque. The process reduced the growth of new blood vessels in plaques by 60 to 80 percent. And because the dose used was low, it carried less risk of cognitive damage that can come with high doses.

The study, which is the first demonstration that nanoparticles can deliver a drug to a disease site in a living organism, prompts Winter to say, “We think fumagillin nanoparticles potentially could be incorporated into a protocol that includes lipid-lowering statin drugs or dietary changes.”

Next, the research group plans to study the effect of fumagillin nanoparticles in the treatment of cancerous tumors.

Rhodes and Marshall Scholars Bring Honor to University

A recent alumnus and a present student have received Rhodes Scholarships, and another student has received a Marshall Scholarship—two awards that provide full support for study in the United Kingdom. Aaron F. Mertz, A.B. ’06 (physics and American culture studies), and Leana S. Wen, a candidate for graduation from medical school in ’07, each received a Rhodes Scholarship, which provides for two or three years of all-expenses-paid study at Oxford University. The two, among 32 U.S. graduate students chosen from 896 nominees, will begin their studies in fall 2007, as will some 50 other recipients from around the world.

Mertz, 22, will take a leave from the doctoral program he began at Yale University in New Haven, Connecticut, in fall 2006, in order to pursue a master’s degree in the history of science, medicine, and technology.

Wen, 23, who earned a bachelor’s degree, summa cum laude, in biochemistry from California State University in Los Angeles at age 18, will pursue a master’s degree in economic and social history. In 2005, Wen was on leave from the medical school to serve a one-year term as national president of the American Medical Student Association.

Since the first Rhodes Scholars from the United States were chosen in 1904, 25 Washington University students have won the Rhodes Scholarship, which is based on high academic achievement, personal integrity, leadership potential, and physical vigor. Jeffrey J. Marlow, who is majoring in earth & planetary sciences in Arts & Sciences, is among 43 young Americans to receive a 2007 Marshall Scholarship, which provides full support for two or three years of study toward a second bachelor’s degree or advanced degree at any British university. The May 2007 degree candidate will enter Imperial College in London in fall 2007 to work on development and testing of the Urey Instrument, a component of the European Space Agency’s ExoMars mission.

The Marshall Scholarships reward leadership in school, government, and community endeavors, as well as excellence in scholarship and personal achievements.

Nobel-Winning Novelist Receives University’s Humanist Medal

Turkish writer Orhan Pamuk, winner of the 2006 Nobel Prize in literature, received the University’s inaugural Distinguished Humanist Medal on November 27, 2006.

The award is supported by the Center for the Humanities and International and Area Studies, both in Arts & Sciences. It will be given biannually to a distinguished scholar, writer, or artist, whose career merits special recognition for excellence and courage.

“Pamuk is a brilliant writer whose works provide us with fresh, important perspectives on the divide between East and West,” says Gerald Early, the Merle Kling Professor of Modern Letters in the Department of English in Arts & Sciences and director of the Center. “And his support of free speech in Turkey was a notable act.”

Orhan Pamuk

FRONTRUNNERS

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Orhan Pamuk
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| 70 | 6.5% | 70 & 70 | 5.9% |
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The spirit of the holiday season comes early to Washington University. For two Saturdays in November, Umrah Lounge looks like the North Pole with hundreds of boxes of gifts and wrapping paper strewn about. “A scooter for Jimmy, a dolly for Sue” resonates throughout the room as students, faculty, and staff come together to wrap gifts for Give Thanks Give Back (GTGB).

These “wrapping parties” are the culmination of yearlong efforts by students in Give Thanks Give Back. According to Katie Lombardi, GTGB co-chair and Arts & Sciences Class of ’07 (psychology and drama): “At the wrapping parties, we get to see all the things that were collected; we get to see the project’s magnitude. And we’re wrapping gifts next to deans, professors, or other people from such groups as the Women’s Society. One of the most rewarding things for me is to see this eclectic group of people, representing the entire University community, come together for this effort.”

Since its inception in 2001, the mission of Give Thanks Give Back is to collect clothes, toys, school supplies, food, linens, and gift certificates for St. Louis families in desperate need. Each year, the United Way/St. Louis Post-Dispatch “100 Neediest Cases” program receives approximately 10,000 requests from area families to be sponsored during the holidays. Although all families receive some monetary assistance, only a small percentage gets “adopted,” receiving additional gift items. On average, in the last four years, the University’s Give Thanks Give Back program has adopted approximately 130 families each year. Family sponsors include floors of residence halls, fraternities and sororities, other student organizations, and academic and non-academic departments.

To enhance efficiency, GTGB breaks its planning into semester segments. Each fall, GTGB executive board members, representing some 15 committees from publicity to internal operations to donations, recruit new students at the annual Student Activities Fair.

Mimi Schaffner, GTGB co-chair and Arts & Sciences Class of ’08 (psychology) and Business Class of ’08 (marketing), says the fall is the busiest time for the group. “We try to get the basics set in the spring so that when we come back in the fall, we can immediately start working,” she says. “Our main priorities are to recruit freshmen for subcommittees, recruit sponsors, and get our name back in everyone’s consciousness.”

GTGB members hold a “kick-off” party in October, where individuals and groups can sign up to adopt a family. After hosting a follow-up information session regarding what gifts are appropriate per family, GTGB then waits a few weeks while University sponsors buy and collect items.

During the second week of November, sponsors drop off their gifts at the Campus Y—which graciously provides space every year for GTGB—and then GTGB students begin sorting items by family. If any one family member has more than another, GTGB students shop, using their Student Union funds, to create parity within each family.

After the items are sorted, they get wrapped. Give Thanks Give Back solicits volunteers from areas across the University to participate. “At the wrapping parties, there’s a holiday atmosphere complete with festive music and food,” Lombardi says. “You just come in, get a box, and wrap to your heart’s content. It is truly a happy atmosphere.”

Once volunteers wrap all the presents and sort them by family, GTGB students load up a truck and make deliveries to a local social-service agency, Grace Hill, with whom GTGB has worked for at least the last four years. “We ask the ‘100 Neediest Cases’ contact at the United Way for cases from Grace Hill. We have established a good working relationship with them, and it makes logistics go smoothly,” Lombardi says.

To recognize student and volunteer commitment, GTGB ends the fall semester with a small party to thank everyone for his/her work and to start thinking about activities for the next semester.

In the spring, the cycle starts anew, when GTGB holds its first meeting and selects new board members.
Most of the major planning takes place in the spring, too: Student volunteers come up with lists of what needs to be done, breaking down tasks by the week. Everyone gets introduced to what each committee is responsible for as well as to one another, so the group can work together as a cohesive team the next fall.

“As co-chair, I am responsible for overseeing half of the committees, and Katie is responsible for the other half,” says Schaffner. “Both of us came up through the ranks serving on various subcommittees and committees. Serving as co-chair provides such a broad overview and allows us to work with so many other students to form a close-knit group. Although Katie will be graduating in the spring, I will serve as co-chair again next year; we strive for as much continuity on the executive board from year to year as possible.”

In the end, members of GTGB desire to provide some comfort and joy to area families during the holidays. For these efforts, the group was recognized with the Office of Student Activities 2006 Excellence in Leadership Award for the student group with the “Most Community Impact.” The Excellence in Leadership awards are the primary means of honoring individuals or student organizations that exemplify the “best of leadership” within the Washington University campus community.

Lombardi sums up the spirit of the students, the organization, and of the season: “I love making community service one of my main priorities. I believe that we are very blessed with the education and opportunities given to us here at Washington U. What I love about Give Thanks Give Back is that it unites all of the Washington University community. It brings together the staff, faculty, and students in the common goal of helping the St. Louis community. It’s about helping make the holidays bright for as many as possible.”

Terri Nappier is the editor of this magazine.
High Hopes

Washington University has a growing relationship with the Target Hope program of Chicago; together the organizations are ensuring academically talented students succeed in school, and in life.

BY RICK SKWIOT

Euclid Williamson has a dream. His dream is based on a belief that all students can be successful with the right opportunities and support. Washington University also believes in this dream and has become a staunch supporter of Williamson and his program of hope.

In 1994, Williamson founded Target Hope with a three-prong mission for students in Chicago: to ensure high school completion, to advance college admission and retention, and to promote graduate and professional school preparation. He based his strategy on positive solutions, creating support systems and safety nets. Although many Target Hope students encounter seemingly insurmountable challenges, thanks to the intervention of Target Hope, those who enter the program and dedicate themselves receive a new lease on a bright future.

Target Hope is only one of several programs across the country helping Washington University find the most talented students from all neighborhoods and backgrounds, including students with low socioeconomic and educational resources, says John Berg, associate vice chancellor for admissions.

"These are bright, talented students who haven't always gotten the help they deserve in school," he says. "They are wonderful young people, and they possess unique experiences, knowledge, and perspectives that broaden and enrich all of us."

Yet of those partner programs that target at-risk students, Target Hope stands out, says Berg, thanks to Euclid Williamson.

"Euclid really knows the students. For us, it's like having a friend in Chicago who calls and tells us, 'This is a neat kid.' And he's always right. Every one is an exceptional young person of sound character, academic talent, and the drive to succeed. And they're good kids, too," says Berg, "students you want in your community."

Reversing dropout rates

Williamson, who has a background in political science, psychology, and public administration, founded the rigorous, Saturday morning scholarly achievement academy in 1994 in answer to the failure of Chicago Public Schools to adequately educate at-risk minority students.

Since then, while Chicago public high school dropout rates hover near 50 percent, Target Hope has seen 100 percent of its 2,790 students finish high school and start college, 98 percent graduate from college within five years, and 41 percent go on to graduate and professional schools. This despite what Williamson calls "institutional barriers."

"When I first presented my plan to the Chicago Public Schools," says Williamson, "they told me that no one would attend."
Euclid Williamson (center, back) stays in close contact with Target Hope alumni as they continue their educational journeys through undergraduate and often graduate school. The group forms an extended family that offers ongoing support and encouragement. Students, from left, are Morgan, Arts & Sciences Class of '08; Whitney Wade, Arts & Sciences Class of '09; and Natalie Morgan, Arts & Sciences Class of '08.

Judge Gardner, Engineering Class of '07; Tiffany Onyemaobi, Arts & Sciences Class of '09; Ogechukwu Ezeokoli (seated), Arts & Sciences Class of '09; and Natalie Morgan, Arts & Sciences Class of '08.

But attend they have: Over the years, thousands of high school students have made a commitment to spend Saturday mornings throughout the school year on the downtown campuses of DePaul or Robert Morris universities. There they study math, English, and writing with university professors; read the inspirational works of successful minority Americans; and receive support and instruction to deal with social and emotional roadblocks they all face. This support doesn’t end after high school graduation. Williamson follows each student’s progress.

“It’s simple,” he says. “Smart kids drop out of high school, and smart kids don’t finish college.”

And for financially disadvantaged kids, failure carries stiff penalties. “If their college GPA falls,” continues Williamson, “they lose their scholarship and end up working at places like discount stores.”

But Target Hope—with the aid of Washington University and other institutions—successfully short-circuits failure with care and high hopes, and a built-in support system and mentoring program.
A visionary leader

Target Hope's success has come about in large part due to the vision and inspiration of its founder.

"Euclid Williamson is a visionary leader and a wonderful role model who has had a remarkable record of success," says Chancellor Mark S. Wrighton. "What Target Hope has been able to accomplish over the years is truly exceptional. Washington University has been fortunate to be a part of this effort and to have been able to enroll many talented students nurtured by Target Hope."

Since the first Target Hope class graduated in 2002, all of the program's students have graduated from Washington University in four years, and most have gone on to graduate school.

Jim McLeod, vice chancellor for students and dean of the College of Arts & Sciences, echoes that praise of Williamson and his students.

"We always look forward to seeing Euclid and his students when they travel to campus each year for a visit. This is a talented group of motivated students," says McLeod. "Euclid Williamson is a superb leader and teacher. He is inspirational [and] gifted in so many ways—everyone who meets him wants to help him fulfill the mission of Target Hope."

That mission, at its essence, seems clear and obvious: "Kids need to feel loved and nurtured," says Williamson. "They need to feel that people have high expectations for them. They need people who are supportive, people they can turn to."

For many, a surrogate family

That support comes in many ways for these inner-city youths from communities torn by gang violence and schools where they face derision and hate for striving to achieve academically, says Williamson.

"We provide a safe haven where excellence can be rewarded and celebrated," he says. "We also have professionals who lecture on self-esteem, relationships, AIDS, substance abuse, and conflict resolution."

And, when recommended, Target Hope collaborates with social-service organizations for counseling.

It's that sort of social support, which public schools don't provide, Williamson says, that helps Target Hope students succeed.

"At times we serve as a surrogate family. We've dealt with kids with a 4.0 GPA but who were homeless and still needed support," he says.

Excellence expected, excuses unaccepted

A key ingredient in Target Hope's recipe for success is Williamson's rock-solid belief in the intellectual gifts and energy of students—and his insistence that all of his students work for success. "I think all kids are capable," he says. "We don't look at grades or ACT scores," says Williamson. "We simply have students write an essay telling why they are interested in learning."

Students are admitted solely on the basis of that essay—and a stated commitment to attend the academy on Saturdays from 9 a.m. to 1 p.m. for 10 months each year.

"Excellence is expected," says former Target Hope student Sabrine (Boncy) Rhodes, "excuses not accepted."

After graduating from Chicago's Whitney M. Young Magnet High School, Rhodes earned a WUSTL bachelor's
"Mr. Williamson holds everyone to high standards regardless of background," continues Sabrine Rhodes. "He tells us we can meet the mark, whatever the mark might be. He doesn’t allow anyone to settle for mediocrity."

Williamson. "They put together a great program, and Mark Wrighton comes on Saturday to open the conference and comes back on Sunday evening at its close. How many chancellors or college presidents would do that?"

Helping students believe in themselves

Williamson carries out his mission on a shoestring budget, without a cent of federal money, relying on grants from private foundations and some corporate support.

"The model we’ve done doesn’t take a lot of money, but it does take leadership and moral and philosophical change," says Williamson.

"And Target Hope is not the only success. There are other models as well," he says. "I don’t know why [public schools] don’t get it and reform themselves."

Williamson first developed the Target Hope model with African-American students and since has successfully applied it in Chicago’s Latino communities as well.

"We found it can work with any group," he says. "You have to be creative and ask students: ‘What are your needs?’"

Those needs even extend to pocket money for entering freshmen. Williamson recounts moving two incoming Target Hope students from Chicago to the Washington University campus via bus, only to discover one had come to college with but $32, the other with only $20. So, like a father, Williamson dug into his wallet.

Indeed, Target Hope students view the organization like an extended family.

Natalie Morgan, a junior Spanish major, said that as a Target Hope high school senior she benefited from Target Hope graduates coming back to talk with and counsel her and others. Likewise, when she came to Washington University, Target Hope members were there to greet her.

"The Target Hope network is like a family that’s already established on campus: someone to cling to, someone from Chicago, people who are like brothers and sisters," says Morgan.

Likewise, Morgan feels a sense of community and responsibility for Target Hope students coming behind her. "Now it’s my turn to help them so they don’t fall through the cracks."

Whitney Wade, a sophomore psychology and African and African American studies major, says that the Target Hope network extends beyond Washington University to campuses across the country.

"We can call them anytime and talk to them," says Wade. "There’s a range of personalities and talents in Target Hope students, who reinforce what happens in the classroom. We always look out for each other and keep up with the idea of being a family."

That sort of individualized help and care lies at the foundation of Target Hope’s substantial success.

Rick Skwiot is a free-lance writer based in St. Louis.
Being Extroverted: Key to Happiness
In the last two decades, Professor Randy J. Larsen has sought to understand the underlying causes of "subjective well-being"; his work is an important part of the "positive psychology" movement.

"Don't worry, be happy."

Turns out the pop tune had it at least half right, based on pioneering research done by Randy J. Larsen, the William R. Stuckenberg Professor of Human Values and Moral Development and chairman of the Department of Psychology in Arts & Sciences.

Larsen's research on the effects that someone's personality has on emotions, which was conducted in laboratory settings, shows that people who tend to worry dwell on negative experiences longer and sink lower because of them. Still, there's more to being happy than just not worrying. Larsen has found that the individuals who move on from a bad experience the fastest and get the biggest boost from a good one are outgoing sorts.

Traditionally, psychologists have probed what goes wrong with people, the different forms of mental illness and what to do about them. For two decades, Larsen has focused his research and teaching in the opposite direction, seeking to understand the underlying causes of "subjective well-being," the psychological term for happiness. His work is part of a broader movement called "positive psychology," a departure from researchers' classic interest in abnormal psychology.

"I was really interested in the beginning in happiness, and why some people are happier than others or why some people aren't as happy as they might be," Larsen recalls. Social and economic factors, he determined, do not account for those differences. "They didn't predict happiness at all. Income isn't related to happiness. Religion isn't related at all. Education isn't related."

Then what is? "Maybe it had to do with personality," he remembers musing.

In subsequent research, Larsen identified two personal behaviors as the keys to someone's relative happiness over the long haul. "Being extroverted—that's a strong predictor of happiness," he says. Conversely, he says neuroticism, "a tendency to worry, complain, and be pessimistic, is a strong predictor of unhappiness."

"We know extroverts are happier," he says flatly. "Maybe it is extroverts have a lot of friends, and having a lot of friends is the active ingredient."
Studies have found, for instance, that extroverted college students report that 80 percent to 95 percent of their days were good days in the past year, compared to an average of 60 percent to 70 percent reported by all collegians. Reviews of personal diaries corroborated those findings.

How else does a social scientist measure how happy someone is?

In one method, Larsen and fellow researchers bring people, one by one, into a laboratory and try to put them in the same mood. To make subjects feel good, researchers show a funny movie or cartoons, or they pay subjects compliments. Afterward, each subject is asked to describe his or her mood. Extroverts report they feel the best. "They get more bang out of the buck," Larsen says.

On the flip side of the experiment, researchers show subjects a sad movie or give them negative feedback. This time the worriers said they had the stronger reaction.

"If you want to put someone in a bad mood, you will have an easier time if he or she is high in neuroticism. If you want to put somebody in a good mood, you will have greater success if you're dealing with extroverts," he concludes. "Extroverts look at the world, and they're looking for pleasure, rewards, stimulation. People with high neuroticism see the world as a threatening place. They're vigilant for danger, threat, and harm."

Next, Larsen studied why outgoing and worrying types differ so much in the way they react to life's ups and downs. This research puts each person in a room with a computer, which flashes a series of words embedded in fields of different colors. Each is instructed to ignore the words and name the colors.

It turns out that everyone reads the words—negative ones like cockroach, vomit, and hatred, and positive ones like love, joy, and, of course, happiness. But the extroverts take longer to name the colors surrounding upbeat words, as they savor good feelings. Worriers linger on the distressing words, taking more time to identify the colors.

David A. Balota, a professor of cognitive psychology, has collaborated with Larsen on two recent studies of the "Stroop tests" involving words and colors. Larsen's work, he says, is pioneering because it synthesizes two strands of psychology.

"There is considerable work going on relating cognition with emotion. Typically, in psychology, those have been separate areas," Balota says. "Randy's work is bridging the gap between how emotion works and how cognition works."
Larsen was born in Lake City, Iowa, a small town near the University of Iowa, where his father was a student at the time. He grew up in Glen Ellyn, Illinois, northwest of Chicago, with an older brother and a younger sister. That makes Larsen a middle child who, according to some psychological theories, should be rebellious, nonconformist, and antisocial, or, according to others, he should be ambitious and diplomatic from competing and negotiating with older and younger siblings. He dismisses all of those notions.

"I looked into that stuff on personality and birth order. There are so many different theories about birth order, and it's really bunk," he says. "If you do large samples, the theories are not borne out."

For a year, Larsen practiced as a therapist, right after receiving a master's degree in clinical psychology from Duquesne University. He worked along with police officers in the blue-collar boroughs around Pittsburgh, close to the time The Deer Hunter was being filmed about the same area, where steel mills were closing and leaving behind social strains. His job was to intervene when officers responded to what were really personal problems—runaway children, marital disputes, attempted suicides, or loiterers who were mentally ill.

"I enjoyed the crisis intervention part a lot, being on the scene," he says. "I think a lot of problems would be solved with crisis intervention. If something bad happens and you get some help right away, it goes away."

Larsen recalls it being "exciting, fast-paced work," but "after a year I was ready to go back to school." In 1984, he received his doctorate from the University of Illinois in personality psychology, which has been his specialty ever since.

In 1998, he left the University of Michigan to come to Washington University to assume the Stuckenber chair, a University professorship that is not attached to a particular department. He has taught, as he has for his entire career, a psychology course on personality. The large lecture class, usually with 80 to 100 students, explores why people behave the way they do—why they are talkative or shy, active or passive, for example.

His other class is a popular one about positive psychology, or what happens when everything goes right in someone's life. Enrollment is limited to 15 students, with a waiting list that typically swells to about 50 even though the course comes with a heavy workload of reading and writing. Subjects include happiness, character, love, friendship, sense of community, and creativity at work.

"It's a fun class to teach, because college students have all those questions," he says. Students use his 2006 textbook, Personality Psychology: Domains of Knowledge About Human Nature, which is well-regarded in the field.

In 2004, Larsen was elevated to chairman of the Department of Psychology. He inherited a thriving department, which the University had targeted for growth and excellence in the early 1990s. New hires built up the faculty, and in 1996, the department moved into a new building.

"He's done a great job as leader of the psychology department. It's growing. It has the largest number of [undergraduate] majors. It's very important to the University," says Edward S. Macias, executive vice chancellor, dean of Arts & Sciences, and the Barbara and David Thomas Distinguished Professor of Arts & Sciences.

In 1995, biology was the most popular department, with 320 undergraduate majors compared to psychology's 306. The number in psychology grew a third over the next decade, to 406 in 2005.

"I think part of it is students are interested in knowing about themselves," Macias says. "Why they are more interested now than before, I don't know."

Larsen himself is popular with students, advising a full load of 25 majors, and also with the department's faculty. Balota suggests one reason is that Larsen's approach to research, which often involves integrating disparate strands of psychology, is reflected in how he relates to others.

"It's great to have as a chair someone who appreciates and understands different perspectives on different areas," Balota says. "It's also nice to have a chair who studies happiness, because making people happy—that's a large part of what a chair does."
With the fall 2006 opening of the new Mildred Lane Kemper Art Museum and Earl E. and Myrtle E. Walker Hall, the University now has a five-building complex that draws together its distinguished art, architecture, and museum programs into one creative, collaborative unit, the Sam Fox School of Design & Visual Arts.

In 1960 a young Japanese architecture professor named Fumihiko Maki completed his first-ever commission—Steinberg Hall—while teaching at Washington University in St. Louis. For years that building, which showcased the University’s internationally renowned art collection, represented Maki’s only built work in the United States.

Four decades later, Maki is among the world’s premier architects, a winner of the Pritzker Prize known for creating monumental spaces that fuse Eastern and Western sensibilities. Current projects include both the $330 million United Nations expansion in Manhattan and Tower 4 at the former World Trade Center site (scheduled to open in 2008 and 2011, respectively).

And Maki has returned to Washington University as architect of the new Mildred Lane Kemper Art Museum, a dramatic, light-filled structure that now showcases the University’s art collection.

The Kemper Art Museum is both the centerpiece and the public face of Washington University’s Sam Fox School of Design & Visual Arts. The School’s five-building, $56.8 million complex also features Maki’s new Earl E. and Myrtle E. Walker Hall, which houses studios, classrooms, and offices for art students and faculty.

Both new buildings were dedicated on October 25, 2006. Festivities also celebrated the Sam Fox School, which was created last year to link the museum and the University’s nationally ranked College of Art, College of Architecture, Graduate School of Art, and Graduate School of Architecture & Urban Design.

“The Sam Fox School of Design & Visual Arts strengthens the arts at Washington University by drawing together our distinguished art, architecture, and museum programs,” asserts Chancellor Mark S. Wrighton. “It fosters a collaborative, interdisciplinary environment in which students and faculty can strive for excellence and distinction.”
Above: Fumihiko Maki designed both the Mildred Lane Kemper Art Museum (left) and Earl E. and Myrtle E. Walker Hall, which houses studios, classrooms, and offices for art students and faculty. The Kemper Art Museum (interior shot, left on top of page 23) is home to one of the finest university art collections in the United States and more than triples the exhibition space previously available in Steinberg Hall.

- **Buildings mirror School's aspirations**

In addition to the Kemper Art Museum and Walker Hall, the Sam Fox School includes two recently renovated buildings, the Beaux Arts-era Bixby and Givens halls. These house additional facilities for the College of Art as well as for the College of Architecture and the Graduate School of Architecture & Urban Design.

Rounding out the complex is Maki's original commission, Steinberg Hall, which is being renovated during this school year. Once completed, Steinberg Hall will include new art and architecture studios as well as the School's primary auditorium.

"Maki's intimate relationship with Washington University makes him the ideal architect for the Sam Fox School," stresses Dean Carmon Colangelo. "His designs are thoughtful, innovative, and inspirational. In many ways, they exemplify our own aspirations and our vision for the future of design and the visual arts at the University.

“At a time when art is no longer produced just in the studio, students benefit from interdisciplinary dialogues and the sharing of new technologies," Colangelo continues. "The Sam Fox School has both the opportunity and the resources to encourage and nurture individual talents while promoting community engagement, critical thinking, and creative production in the art, architecture, and design worlds."

- **A home fit for an impressive art collection**

The 65,000-square-foot, limestone-clad Kemper Art Museum is home to one of the finest university art collections in the United States, including important paintings, sculptures, photographs, and installations by major 19th-, 20th-, and 21st-century American and European artists. The museum more than triples the exhibition space previously available in Steinberg Hall, and it is ideally suited to the display of large-scale and new-media work.
On the main floor, the central, barrel-vaulted Saligman Family Atrium is flanked on either end by open, curtain-wall glass entrances. Soaring 25-foot ceilings, generous skylights, and banks of clerestory windows define the Special Exhibitions Gallery and the College of Art Gallery, both located just off the atrium. The floating limestone Freund Family Grand Staircase brings visitors up to the luminous Bernoudy Permanent Collection Gallery, also distinguished by large, recessed skylights.

"Maki's interiors are informed by a modernist sensibility, which he realizes through a proportional application of grids and geometric forms," says Sabine Eckmann, director and chief curator of the Kemper Art Museum. "The formal effect is softened by an integrated use of natural light that creates a spacious but intimate atmosphere and allows for relations between inside and outside."

The elevated 5,000-square-foot Florence Steinberg Weil Sculpture Plaza extends the museum's exhibition space outdoors from the May Department Stores Company Foyer on the building's north side. Alongside works from the collection—including the museum's signature Five Rudders (1964) by Alexander Calder—the sculpture garden features a site-specific installation commissioned from Dan Peterman. The Chicago artist employs a post-minimalist aesthetic to create functional objects made of post-consumer materials.

Other recent acquisitions—purchased specifically for the new building—are installed in the atrium: a monumental canvas, MM6 (2001), by Michel Majerus; and Olafur Eliasson's spectacular Your Imploded View (2001), a highly-polished, 600-pound aluminum sphere that swings like a pendulum from the atrium's vaulted ceiling.

"Both works deliberately negotiate the impact of new technology on the production and perception of art," Eckmann notes. "While Majerus combines the aesthetics of electronic art with the medium of painting in the 21st century, Eliasson's installation, through its reflective and distorting qualities, implicates viewers in both the art and the surrounding architecture. It shows us caught in the act of seeing ourselves see."

In addition to galleries, the Kemper Art Museum includes the following:

- the 3,000-square-foot Newman Money Museum, featuring displays on the history of coins and currency, a numismatic library, a curator's office, and work areas for visiting scholars,
- the 12,000-square-foot Kenneth and Nancy Kranzberg Library, housing books, a slide library, and other research materials for art, architecture, and art history,
- offices and classrooms for the Department of Art History & Archaeology in Arts & Sciences,
- the Whitaker Learning Lab, a new-media center,
- the Lehmann Museum Classroom,
- the Kemp Reading Room,
- the Lopata Art History Classroom, and
- state-of-the-art storage and support facilities.

Transforming the student experience

Walker Hall, located east of the Kemper Art Museum, contains approximately 38,000 square feet of art studio space as well as the Shapleigh Courtyard and Terrace, enclosed along the north side, for materials and fabrication.

Like the Kemper Art Museum, Walker Hall is defined by its open, flexible floor plan and abundant natural light. Ceramics, woodworking, and metalworking facilities are located on the main floor, with undergraduate sculpture studios on the lower level. The upper level features undergraduate painting as well as the interdisciplinary Nancy Spirtas Kranzberg Studio for the Illustrated Book.

All studios showcase state-of-the-art systems for art production as well as fluid floor plans designed to facilitate collaborative study and discussion.

Jeff Pike, the Jane Reuter Hitzeman and Herbert F. Hitzeman, Jr. Professor and dean of Art, points out that Walker Hall, along with recent renovations to Bixby and Givens halls, will allow programs currently housed at
satellite facilities—some located more than a mile from the Danforth Campus—to return to campus for the first time in decades. This, he explains, will promote a renewed sense of community within the College of Art while also fostering greater interaction among other units of the Sam Fox School.

“The opening of Walker Hall and the Kemper Art Museum will transform the experience of art and design and visual arts programs will be located in a single, central location.”

**Alumnus Tom Friedman's Pure Invention Is One of the Museum's Inaugural Exhibitions**

Play-Doh®, spaghetti, and aluminum foil—sculptor Tom Friedman transforms mundane consumer products into playful yet meticulously crafted artworks of almost obsessive intricacy.

This past fall, the Mildred Lane Kemper Art Museum inaugurated its new College of Art Gallery with Pure Invention, an exhibition of work by the renowned WUSTL alumnus. Drawn largely from St. Louis-area collections, Pure Invention was curated by Michael Byron, professor of painting in the Sam Fox School of Design & Visual Arts. It featured more than 20 works surveying the last decade of Friedman's career, from early drawings and multimedia constructions to recent large-scale prints, sculptures, and installations.

Though influenced by minimal and conceptual art, Friedman's work is characterized by its keen attention to process and use of modest, ephemeral-seeming materials. For example, the inkjet print Untitled [Dots and Arrows] (1997) diagrams the potential visual complexities of a simple word-association game.

Friedman also displays a sly, almost scientific interest in systems of representation. Untitled [Paper Fly] (2003) is a trompe-l'oeil drawing of the common household pest, while Untitled [Fly on Wall] (also 2003) is a similarly composed sculpture crafted from plastic, hair, fuzz, Play-Doh®, wire, and paint.

Another recurring theme is Friedman's quirky, self-effacing brand of self-portraiture. Vanishing Point [Clothes Removal]—a large photogravure created in 2006 in collaboration with

Dedicated to the creation, study, and exhibition of multidisciplinary and collaborative work, the Sam Fox School reflects larger developments within art and architecture education, explained Dean Carmon Colangelo, the E. Desmond Lee Professor for Community Collaboration in the Arts.

One example of the synergy in design and visual arts is the Whitaker Foundation Learning Lab, a 3,000-square-foot media center located in the Kemper Art Museum that contains laser plotters, printers, and other specialized equipment for architecture, art, and design majors. Facilities also include 25 workstations, research studios to accommodate sound and video production, and technical and faculty offices, the latter allotted by application and designed to support digital-intensive projects.

“Fifteen years ago media centers were conceived as static, classroom-style environments,” says Peter MacKeith, associate dean of the Sam Fox School and associate professor of architecture, who oversees the Whitaker lab. “Today things are very different. The media center is now more akin to a research lab.

“The media lab is not only about gaining facility with new tools, techniques, and methodologies,” MacKeith points out. “It’s about stepping back, observing what is being produced, and developing the critical perspective and critical language with which to evaluate it.”

“We sometimes talk about ‘thinking outside the box,’” says Colangelo, an acclaimed printmaker who arrived on campus in July 2006. “But students today don’t even recognize that there is a box. Emerging technologies and new forms of artistic production have profoundly affected the way we view and interact with the world. There’s a sense of openness, a freedom, and an ability to move between categories and disciplines.

“On the one hand, students still need to master the craft of their respective, medium-specific disciplines,” he continues. “On the other hand, they also benefit from exposure to interdisciplinary training and dialogue. Our challenge is to provide an educational structure that fosters, rather than impedes, such collaborations.”

Liam Otten is a senior news writer in the Office of University Communications.
Explaining the Disease of Addiction

By Diane Duke Williams

Over the last four decades, alumnus Mark Gold has dedicated his distinguished medical career to the study of the brain and addiction, from tobacco and opiates to food, revealing many new understandings and treatments for addicts.
More than 50 percent of the preventable causes of death are from tobacco, secondhand smoke, alcohol, and other causes of addiction. Addiction is a disease, and physicians need to do more to get patients the help that they need.

A distinguished professor and chief of addiction medicine at the McKnight Brain Institute at the University of Florida College of Medicine (UFCM), Mark S. Gold has seen the terrible price of succumbing to addictions. "More than 50 percent of the preventable causes of death are from tobacco, secondhand smoke, alcohol, and other causes of addiction," says Gold, A.B. '71, also recently the recipient of the Donald R. Dizney Eminent Scholar Chair. "Addiction is a disease, and physicians need to do more to get patients the help that they need."

Gold has worked for more than 35 years to uncover the effects of tobacco and other drugs on the brain, which has led to new treatments for addicts. As a result of his research, cocaine was reclassified as an addictive drug in the 1980s. He also has proven how opiates, such as heroin, alter brain function, and he was awarded a patent for the discovery of clonidine, which remains widely used for opiate withdrawal and pain management.

In addition, Gold has determined that proximity can be a factor in addiction. Children who are exposed to secondhand smoke can become physically addicted to cigarettes just from living with parents who smoke. And he discovered that operating room personnel are exposed to drugs from patients who exhale traces of painkillers during surgery, a factor that might contribute to the high addiction rate among anesthesiologists.

Now, he is studying how overeating and obesity relate to addiction.

Gold's father worked for his family's leather business in New York City, and his mother was a Juilliard-trained pianist. During a visit to St. Louis, where his business had a Central West End showroom to sell alligator and leather to companies such as Brown Shoe Co., Gold's father visited Washington University. He convinced his son that the University was the perfect fit for him—it was the only school to which Gold applied.

Gold was an outstanding student, although he describes himself as "impractical," changing his major several times. One common passion, though, was his interest in brain function, which led him to volunteer with then-Professors John Feighner and Samuel Guze in the psychiatry research program at the School of Medicine.

During his undergraduate years, he based course selection on a professor's charisma and popularity, and his favorites were former Professors Herb Metz, Peter Riesenber, Graham Allen, and Rita Levi-Montalcini, an international nerve growth expert and Nobel laureate who taught neuroanatomy.

"Levi-Montalcini was inspiring, daring, decades ahead of her time, and an amazing teacher," Gold says. "I have visited her on two occasions in Italy and have been very lucky to have had this woman as an inspiration and long-distance mentor! To say she is a genius does not do her heroism and other attributes justice."

While vacationing with his family in Miami the summer before his freshman year of college, Gold met Janice Finn. Despite the long distance between St. Louis and Miami, their love affair flourished, and they became engaged the summer before his junior year.

Gold graduated Phi Beta Kappa in psychology from the University in 1971 and was accepted at the School of Medicine as well as at Duke University School of Medicine. But his heart lay with Finn, still a junior in college in the Sunshine State, and he chose to attend the University of Florida medical school.

Early in his UF medical school career, Gold taught general neuroanatomy and had principal responsibility for the section on neuropharmacology. And while conducting research in a memory lab, he made a breakthrough discovery: If someone uses amphetamines while studying, he or she will need to take them again to effectively recall the information.

Scientists now refer to this as "state-dependent memory," which describes how something learned in one situation or "state" is generally better remembered while in a similar situation. In rat studies supported by medical student research grants and fellowships, he linked this discovery to a region of the brain—a tiny area in the stem called the locus ceruleus.

This discovery earned Gold the American Medical Association's national student research award in neuroscience, and he placed second overall for all research done by medical students in the United States in 1974.

"So I got into this from the research side," he says. "It's a complicated area that combines my knowledge of anatomy and my interest in the brain and even philosophy."

Gold completed a residency in psychiatry at Yale University School of Medicine, during which he and his colleagues determined that the locus ceruleus was the neuroanatomical center for addicts trying to wean themselves from narcotic drugs.
After serving on the Yale faculty for a few years, he wrote popular books and worked doing research in the private sector. He also worked as a consultant to Major League Baseball, the NBA Players Association, the White House, the U.S. Drug Enforcement Administration, and a number of major U.S. corporations.

In 1984, Gold turned the mechanism of cocaine addiction upside down by proposing the so-called “dopamine hypothesis,” a theory about how repeated cocaine use causes a relative dopamine depletion and why that would interfere with motor function and cause anhedonia. This hypothesis has been confirmed by PET and other imaging studies and may lead to new treatments that increase dopamine—a chemical that helps brain cells communicate.

He joined the University of Florida faculty in the Department of Psychiatry in 1990 and started an addiction medicine division. Today, the division boasts more than 10 faculty members.

And Gold, the mentor to many of the nation’s top leaders in drug education and research, has been instrumental in establishing the only mandatory addiction medicine clerkship at a U.S. medical school. “We don’t train physicians to identify and treat drug abusers and dependent people in the same way that we train medical students to deliver babies, respond to a heart attack, or treat high blood pressure. We’re better at treating the cancer that results from tobacco smoking or replacing the liver that results from alcoholism than we are at intervening and then treating the primary cause,” he says.

Gold also serves on the State of Florida’s committee that supervises doctors who have drug problems and helps the committee conduct research on which physicians are at the greatest risk and how best to help physicians who become drug addicts.

Although Gold has received many honors, including a Distinguished Alumni Award from Washington University in 1989 (of which he is extremely proud), one recent award he found particularly gratifying was the Nelson J. Bradley Life Time Achievement Award from the National Association of Addiction Treatment Providers.

“This award was so poignant to me because John Schwartzlose, the director of the Betty Ford Center, said that my career in research has done the most to help explain and destigmatize the disease of addiction to patients and their families,” he says.

Gold and his wife have four children: Their youngest son, Kyle, is a senior at Washington University; Steve is a graduate of Yale University and the University of Florida colleges of law and public health and is interested in public health and policy law; Kimberly, after graduating from Columbia University and doing a post-bac at Harvard University, is a medical student at Yale; and Jessica is a sophomore at the University of Pennsylvania.

Gold says that learning from disparate experts at the University and seeing how they used the scientific method greatly benefited him as a scientist. “I also learned at Washington University that there is no shortcut and that while novel ideas are fantastic, hard work and discipline are essential,” he says.
Captivating Kids

BY BETSY ROGERS

As senior vice president of research and planning at Nickelodeon Networks, alumna Marsha Williams knows her youthful audience and supports content based on extensive studies.

Marsha Williams is just naturally curious—about the world, about people, about kids, about issues. She has, she says, a passion for research. And she loves children. So she holds what just could be the perfect job, as senior vice president of research and planning for Nickelodeon and MTV Network’s Kids and Family Group, the children- and youth-focused media giant and No. 1 entertainment brand for kids.

The broad label for Williams’ responsibilities in this post is “Consumer Insights.” It’s a hefty portfolio that includes all Nickelodeon’s research except the Nielsen ratings. “I’m responsible for the research that supports all our brands and all our businesses, and helps us understand our consumers,” she explains.

Those businesses go far beyond the flagship TV channel. In addition, there are Nick Jr., targeted to toddlers and preschoolers; Nick at Nite, the “classic TV network”; Noggin, Nickelodeon’s digital preschool brand; Nicktoons Network; Nick Movies—and that’s just the television group. Nickelodeon publishes magazines, operates a vast online enterprise, maintains a consumer products business, and has a growing recreational business, producing live shows in venues around the country and across the globe.

Nickelodeon is the most-widely distributed kids’ network in the world available in 156 territories worldwide via 35 channels across Africa, Asia and the Pacific Rim, CIS/Baltic Republics, Europe, Latin America, and the United States.

Where others might stagger under the weight, Williams, M.A. ’82, thrives. “I love that I work for a company where research is so integral to what we do,” says this self-proclaimed “research geek.” “I’m often challenged by the work itself, not just the volume, and I’m learning a lot.”

In the process, she is sharing what she learns with the world and has established Nickelodeon as a leader in generating evidence-based information about children and teens. In 2005, for instance, Nickelodeon hosted “The New Normal,” a research symposium about kids, aged 6 to 14, and their parents. Based on Nickelodeon-commissioned studies, as well as research initiatives from the Kaiser Family Foundation and others, “The New Normal” presented intriguing new information about diversity, technology, and contemporary parenting.

Left: Marsha Williams, M.A. ’82 (psychology), is senior vice president of planning and research at Nickelodeon Networks. SpongeBob SquarePants is the television division’s Nicktoons’ most popular original programming to date. Rugrats (represented by Angela Pickles, at left, top) was another smash hit.
Williams notes that Nickelodeon conducts regular, systematic content analyses to make sure that its programming fairly reflects the demographics it serves.

The research revealed, for example, the extent to which technology is dominating children's lives. Households with kids have access to an average of more than 100 television channels, up from 33 during the 1990s. Nearly 70 percent of kids have TVs in their bedrooms. Television usage has grown to an average of 23 hours, 3 minutes per week; broadband usage stands at nearly 17 hours per week; and kids send an average of 14.4 text messages every day. The ready availability of technology has more kids multitasking. "The New Normal" reported that in a composite day, kids aged 8-14 pack 8 hours and 26 minutes worth of media use into about 6 hours and 13 minutes; multiple-media use occupies about 26 percent of their media time.

The research also showed that youngsters today see different racial groups exercising dominant influence in different spheres of daily life. Substantial numbers of kids believe African-Americans are the "thought leaders" in music, fashion, and sports, while whites lead the way with video games, computers, and the Internet. It revealed, Williams says, "the extent to which diversity reverberates in kids' lives, the influence of ethnic groups on pop culture."

That reverberation is primarily a result of the media, Williams says. Nickelodeon's "U.S. Multicultural Kids Study 2005," one of the research initiatives incorporated into "The New Normal," revealed that though children are growing up in an increasingly diverse society, white children especially see this diversity much more in the media than they do in their neighborhoods and classrooms. The study showed that about 70 percent of white kids live in predominantly white neighborhoods and attend predominantly white schools. "So even though the population is more diverse," Williams observes, "more than half of American kids live in neighborhoods and go to schools that are segregated."

In this context, where the media are the players most effectively representing diversity, the implications are clear. "Whether the media want to accept the responsibility or not," Williams says, "all media are educational. I applaud our executives for their willingness to accept that responsibility." She notes that Nickelodeon conducts regular, systematic content analyses to make sure that its programming, both on television and online, fairly reflects the demographics it serves.

On another front, Nickelodeon has plunged into the childhood obesity issue with the study "Kids, Food, and Eating Behaviors." Williams says that intensive dialogue with advocates and government agencies revealed a gap in research about food in the context of kids' and families' daily lives. Among many findings, the study showed that parents have ceded control of breakfast and lunch to children and that families often do not eat the same foods even when they do sit down for dinner together. Critically, it found that while childhood obesity is a serious concern, "it pales by comparison to adult obesity," Williams says, revealing parents who are simply unwilling to give up unhealthy eating habits.

Nickelodeon has taken an imaginative tack in addressing this issue. It has launched a major initiative called "Let's Just Play" to encourage kids and parents to become more active. It funds grants—$2 million to date—to community groups to promote play and fitness. The company also has partnered with the Alliance for a Healthier Generation—the American Heart Association and the William J. Clinton Foundation—on a mini-series addressing real kids' challenges and triumphs on the path to health and wellness: The Let's Just Play Go Healthy Challenge. For the past three years, Nickelodeon has held a Worldwide Day of Play, encouraging outside activity. Each year, the channel "goes dark" for three hours, airing only a Worldwide Day of Play logo. When programming resumes later in the day, it emphasizes health and fitness.

This event, a kind of international field day, takes place in public parks and schoolyards around the world. On September 30 last year, Nickelodeon partnered with the Alliance for a Healthier Generation, with Boys and Girls Clubs, local American Heart Association divisions, schools, and others to promote obstacle courses, sack races, games, and outdoor fun at nearly 900 sites across the United States and in Portugal, Guam, Turkey, Italy, South Korea, Japan, Germany, and the United Kingdom.

The effort is gratifying for Williams. "My best hope for my work is that the content we make is really enhancing the lives of kids, creating an enjoyable experience, and offering safe and meaningful alternatives for them. I love what I do."

Spare time is not abundant in her life, but she finds enough to enjoy friends, godchildren, and nieces. And she travels to Africa at least once a year, into the bush. "I have a passion for photography," she admits. She has traveled frequently to Tanzania, Kenya, and South Africa and has also visited Botswana, Zambia, and Zimbabwe.

In college and graduate school, Williams studied psychology, and worked in assessment and psychological testing before joining the Children's Television Workshop in 1991. She moved to Nickelodeon in 1996 and was named to her current position in 2005.

She readily acknowledges the volume of her responsibilities and the challenges they pose. "The kids' media landscape is a lot more crowded now," she points out. But, she adds, "The better the other brands do, the better we have to be. I like that."

Betsy Rogers is a free-lance writer based in Belleville, Illinois.
Creative Chemist

In 2005, BusinessWeek named alumnus Michael Lefenfeld one of its best entrepreneurs under 25. A lifetime passion for scientific exploration has led to his founding an already successful early-stage company, SiGNa Chemistry.

BY STEPHEN SCHENKENBERG
"Through our research," Michael Lefenfeld says, "we actually turned the metal into a very tame, safe material, but we retained and even accelerated the amount of reactivity. ..."

When faced with that daunting rite of educational passage—the science fair—some young students may steer toward elementary experiments, such as determining the optimum light source for growing a fucus indoors or which athletic ball bounces highest at the lowest temperature. Michael Lefenfeld, B.S.Ch.E. '02, however, had a much headier goal for his first research experiment: He duplicated the landmark Miller-Urey experiment about the origins of life.

"I've always been taking science to a higher level than what was typical for my age," Lefenfeld admits. Now, at just 26, he has pioneered the first advancement in alkali metal chemistry in 100 years; founded his own company, SiGNa Chemistry; and landed clients such as Pfizer, Shell, and ExxonMobil.

As a student at Washington University, Lefenfeld spent his first semester as a premed student—he thought he might work toward a cure for diabetes, which he has—before settling into engineering. In the engineering school, he established an important relationship with Curt Thies, professor emeritus of chemical engineering, who remains a mentor to this day. Lefenfeld worked in Thies' lab on microencapsulation research and, later, for the retired professor's own firm.

While a student, Lefenfeld wasn't content with the classes/graduation/job route that most of his peers were traveling. Entrepreneurial by nature, he tinkered on side projects whenever the time presented itself. For one such "extra credit project," as he calls it, he commercialized a medical sensor and then sold the technology behind it.

Another side venture was a little closer to home—specifically, the hallway bathroom. Lefenfeld's grandfather suggested they work on developing a portable bathroom air...
freshener, something a person could carry and drop into a toilet when the circumstances might welcome it. "He was old-world, in the sense of wanting to be very discreet," Lefenfeld says. The project, in fact, served as the platform for what ultimately led to SiGNa. "We were looking for a way to volatilize a fragrance off the surface of water," Lefenfeld says. "But if you were to do that, you need gas to transport it and you need heat." One possible solution was the use of alkali metals, which had long been considered potentially useful in this area. A not-incidental problem, though, is that such metals, when they do meet water, burst into flames. There must be a way, Lefenfeld thought, to "tame" these alkali metals, so he began research on the subject.

Meanwhile, having seen success in the lab and with several commercialized products, Lefenfeld knew that cutting-edge research was where he wanted to be. After graduation, he started work in the condensed matter physics/nanotechnology department of Bell Laboratories, before moving on to a six-month consulting position at DuPont. While there, he invented an organic semiconductor deposition method that led to significantly increased mobilities for transistors.

During July 2003, Lefenfeld founded SiGNa and committed himself full time to solving the problem that looked up at him from the bowl: how to stabilize reactive metals. He formed a consulting relationship with James Dye, a 79-year-old National Academy of Sciences member whose research Lefenfeld had come across. "He is one of the most brilliant scientists I've worked with," Lefenfeld says. "And he has a tremendous background in reactive metals."

Although Lefenfeld was based in New York City and Dye at his Michigan State University lab, in East Lansing, the two moved their research forward and, in time, discovered a way to successfully encase sodium and other explosive, flammable alkali metals in a powdered form of silica gel. The two had thought the metals would be tamed by the process, but worried that they would lose at least some of their reactivity. "Through our research," Lefenfeld says, "we actually turned the metal into a very tame, safe material, but we retained and even accelerated the amount of reactivity. We made it more reactive than it was, but not as dangerous, which was hard to envision."

To understand the market potential for this discovery, consider a pharmaceutical manufacturer that depends on alkali metals for drug production. Previously, the manufacturer would "design around" the alkali metal step, adding multiple steps to the process and costs for safety and transportation. Now, however, a patented SiGNa material could be applied, allowing the pharmaceutical company to use the same alkali metal in a single, less dangerous, less costly step.

"It was surprising," Lefenfeld admits. "When people first hear about it, they say, 'There's no way the material could do what you say it does.' We perform a demo and show people what the material does, and the way it does it. They are always amazed."

SiGNa's current products include an alkali metal—porous oxide (M-SG), a free-flowing powder used for reduction chemistry. The company also has patented sodium silicide (NaSi) and sodium silica gel (Na-SG) products, air-stable powders that are high-yielding, convenient sources of clean hydrogen gas. (SiGNa is named for the symbols for silicon and sodium, with a 'g' for gel.) These materials produce greater than 9 wt.% hydrogen gas, which already exceeds the U.S. Department of Energy's goals for 2015. All SiGNa products fall under the category of "green chemistry," Lefenfeld says. "Everything we do is environmentally safe and friendly."

Lefenfeld is clearly not a stranger to success—SiGNa was named a 2005 Company to Watch by the Forbes/Wolfe Nanotech Report, and Lefenfeld himself has been named one of the best entrepreneurs under 25 by BusinessWeek and a top researcher by Red Herring, where he landed on the cover. Still, he faces challenges.

"The chemical industry is a mature space," Lefenfeld says. "When you're a 26-year-old trying to push product into it, you get looked at with a little bit of skepticism."

He is quick to add a qualifier, though. "Product is product. People will get over the age-thing eventually, if the product provides them the benefit and savings they need."

Lefenfeld's company has grown to 18 employees, and the coming years promise growth for the client roster as well. (Lefenfeld will be balancing this growth with a doctoral fellowship at Columbia University, focusing on molecular electronics.) While SiGNa has plans to commercialize new products in 2007, it will remain targeted on the specific markets it knows well, including pharmaceuticals, petroleum refining, and hydrogen generation.

As for the possibility—or, more likely, the probability—that Lefenfeld and company will again create something the world hadn't previously known, the young man stands ready. "It wasn't a first and I hope it won't be the last," he says of the discovery that launched SiGNa. "It's always a fantastically rewarding experience."

Stephen Schenkenberg is a free-lance writer based in Madison, Wisconsin.
A ‘Series of Semesters’
Equals a Successful Life

F. Scott Fitzgerald wrote, “There are no second acts in American lives.” He obviously never met Bob Frick.

In a 23-year career with BankAmerica Corporation, Frick rose to become vice chairman of the board of directors and head of the world banking division. In 1988, at age 51, he resigned to pursue other interests.

“I always planned to retire at 50,” Frick says. “I love new challenges, and I never wanted to spend my entire career in one place. The first part of your life is spent growing up, the second part raising your family and building your career. After that, if you’re lucky, you get to try some new things you’ve always wanted to do. I’m fortunate that I’ve been able to enjoy my retirement and explore new areas.”

“Retirement” scarcely applies. Today Frick is a business consultant and serves as a director of six corporations, ranging from a biotechnology firm to software startups to Hollywood companies, where he is on the board of Lucasfilm, Ltd. He enjoys the wide variety.

Frick also is a lecturer in business strategy in the executive MBA program at St. Mary’s College of California, a liberal arts institution near San Francisco. He finds the interaction with students stimulating and says: “It forces you to stay on your toes. I enjoy the opportunity to give back by sharing some of my business experience with young people.”

In 2004 Frick and his wife established the Robert and Barbara Frick Professorship in Business Strategy at the Olin School of Business. Todd Zenger, holder of the chair, says: “Bob has a deep understanding of the role and significance of business education. As a teacher, I am certain his students greatly benefit from his vast expertise in international banking, finance, general management, and strategic thinking.”

Frick and his wife, Barbara, also own and operate K.E.S. Management Company, a successful real estate development and property management firm specializing in quality housing for low- to moderate-income
residents in ethnically diverse neighborhoods. The enterprise began when they purchased a single rundown house, planning to renovate it as a family project. "Unfortunately, I had to travel for business, and our two sons decided it wasn't much fun," he recalls. "Barbara stepped up and handled the entire project. We expanded from there to more than a thousand living units."

With its straightforward mission statement—"Do good and make money"—the company grew. Frick credits his wife, who serves as president of K.E.S. Management, with establishing the priorities. "We provide a safe, affordable environment that offers social services our clients need, including pre-school care, classes in English as a second language, free lunch programs, and more. It has been a successful strategy because it puts the emphasis where it belongs—on people."

CHARTING THE COURSE

Frick grew up in St. Louis and attended Maplewood-Richmond Heights High School, where a teacher encouraged him to pursue an engineering degree. "Dartmouth and University of Cincinnati offered scholarships, but they were too far away, and, frankly, I wasn't that venturesome at the time," he says. "Washington University gave me a full-tuition scholarship, and I could live at home." Joining ROTC and a fraternity expanded his horizons at the University, and he was elected president of Beta Theta Pi in his senior year.

Frick wasn't sure where he was headed. "I wasn't enjoying my engineering classes, and my grades began to slip," he says. "The assistant dean called me in, and he suggested that I take some business and liberal arts courses in addition to engineering. That was fine with me—there were girls in those classes! But it also opened my eyes to new possibilities and gave me the flexibility to figure out what I wanted to do. He made a significant contribution to my going forward in life."

Frick completed his undergraduate degree in engineering and was offered a scholarship to attend business school at Stanford, but he chose to do his graduate work at the Olin School of Business. "They gave me a full scholarship and the option to start in January after completing my military service," Frick says. He caught up and graduated in two years.

After a year as an economic analyst with Standard Oil Company of California, Frick was still uncertain what career path to follow. For advice, he returned to Washington University and Carl A. Dauten, a professor of finance who later became executive vice chancellor. "We spent half a day discussing my goals and interests, and finally Carl suggested that I go into banking," Frick recalls. "His guidance was invaluable, and I'll always be grateful for his generosity."

EMBRACING CHANGE

Frick joined Bank of America in 1963, and soon was given the opportunity to develop new business in California's booming technology industry. He became president of Bank of America's venture capital subsidiary, and in 1968 he was named the bank's youngest vice president.

In 1974 Frick left Bank of America to serve as vice president of finance and as a director of Measurex Corporation, a technology company in the San Francisco Bay area, but his heart remained in banking. He rejoined Bank of America in 1976 as managing director of its international merchant-banking subsidiary, based in London, and became a senior vice president two years later. He was named vice chairman in 1984.

"I have always needed change," Frick says. "Thanks to the wonderful encouragement from my wife and parents and the support of great teachers and mentors, I've had some terrific opportunities."

Recognizing his accomplishments, the Olin School honored Frick with a Distinguished Alumni Award in 1988.

"When I moved to California, no one had heard of Washington University," he says. "Today I'm proud that everyone recognizes it as one of the best schools in the country."

He is a member of the National Council of the Olin School of Business and the Eliot Society membership committee, and has served on the San Francisco Regional Cabinet and the Regional Campaign Committee. He and his wife are Life Fellows of the Eliot Society.

Bob and Barbara are committed to being active. Since they took up hiking and biking in 2000, they have trekked Machu Picchu, Kilimanjaro, the Tahoe Rim Trail, Mt. Whitney, Mt. Shasta, Yosemite's Half Dome, and other hikes in California. In 2005, they biked the Katy Trail across Missouri with friends from Washington University. They are looking forward to the challenge of a 500-mile bike ride this summer to raise money for Habitat for Humanity.

Mahendra Gupta, the Geraldine J. and Robert L. Virgil Professor of Accounting and Management and dean of the Olin School of Business, says: "We are extraordinarily fortunate that Bob and Barbara Frick are part of the Olin family. Their energy, generosity, and commitment to Olin, its faculty, and its students help ensure our success as we build for the future."

Bob Frick likes to say, "Life is a series of semesters." Clearly he can't wait to see what comes next.

―Susan Wooleyhan Caine
More than 700 alumni and friends gathered at the annual Founders Day Dinner on November 4, 2006, to commemorate the founding of Washington University. The Right Honourable Sir John Major, KG, CH, former prime minister of Great Britain and Northern Ireland, gave the keynote address. Of the awards given, six graduates were honored with Distinguished Alumni Awards, and two couples received Robert S. Brookings Awards for their extraordinary contributions to the University.

**Distinguished Alumni Awards**

**Jon H. Feltheimer, A.B. '72**
- Under Feltheimer's leadership, Lionsgate Entertainment has become the No. 1 independent filmed entertainment studio, with 25 Academy Award nominations and seven Oscar wins in the past seven years, including the Best Picture of 2006 for *Crash*. Its television business has 12 prime-time cable and broadcast network series, including the critical sensation *Weeds*. Before joining Lionsgate in 2000, Feltheimer engineered the creation of TriStar Television for Sony Pictures Entertainment (SPE). He became head of the Columbia TriStar Television Group and was named executive vice president of SPE, where he oversaw such major hits as *Mad About You*, *The Nanny*, *Dawson's Creek*, *Party of Five*, and *The King of Queens*.

**Marylen Mann, A.B. '57, M.A.Ed. '59**
- In 1982, Mann founded OASIS to "nurture the mind, health, and spirit of adults aged 50 and up." Today, OASIS serves more than 360,000 adults, has an annual network funding base of $22 million, and is the largest education and volunteer service organization for mature adults in the United States. From 1984 to 2003, Mann served as president of the OASIS Institute, which directs the national network in 26 cities. She also was a faculty member in the Department of Education in Arts & Sciences at Washington University (1962-72), the University of Missouri-St. Louis (1972-74), and the University's School of Medicine (1984-2003).

The Right Honourable Sir John Major (front row, center), KG, CH, former prime minister of Great Britain and Northern Ireland, gave the keynote address at the annual Founders Day dinner on November 4, 2006. Pictured with Major are (front row, from left) Russell D. Shelden and Mary B. Shelden, both recipients of the Robert S. Brookings Award; Chancellor Mark S. Wrighton, Stephen Brauer, chief executive officer of Hunter Engineering and vice chairman of the University’s Board of Trustees; and Betty Farrell and David Farrell, also recipients of the Robert S. Brookings Award. The Distinguished Alumni Award recipients (back row, from left) are as follows: Gordon Philpott, M.D. ’61; James D. Weddle, M.B.A. ’77; James E. Schiele, A.B. ’52, M.L.A. ’85; Marylen Mann, A.B. ’57, M.A.Ed. ’59; Jon H. Feltheimer, A.B. ’72; and George Zimmer, A.B. ’70.
Gordon Philpott, M.D. '61
– A member of the faculty of the Washington University School of Medicine for more than 30 years, Philpott served as director of the Jewish Hospital Surgery Department for 11 years and retired in 1999 as the Harry Edison Professor of Surgery with emeritus status. His clinical and laboratory research on diagnosis and treatment of patients with colon cancer led to a joint appointment as professor of radiology, and he helped start the Breast Cancer Center at Barnes-Jewish Hospital, which continues as an important part of the Siteman Cancer Center. He was elected to the University's Board of Trustees in December 2006.

James E. Schiele, A.B. '52, M.L.A. '85 – In 1956, following service in the U.S. Air Force that included a year in Korea, Schiele joined St. Louis Screw & Bolt Company. It became one of the nation's leading manufacturers of industrial fasteners, with 20 percent of sales in the international market. The family sold St. Louis Screw & Bolt in 1999, and Schiele remains a consultant. A tireless volunteer on behalf of the University, he received a Lifetime Achievement Award from the Weidenbaum Center on the Economy, Government, and Public Policy, and he currently serves on the International Advisory Council for Asia, among many other activities.

James D. Weddle, M.B.A. '77 – While he was a graduate student, Weddle began his career with Edward Jones as a research department intern. Following graduation, he became an investment representative, opening the firm's 200th branch, and became a principal in 1984. Under his leadership, the firm's East Coast offices grew from 250 to over 1,000. Weddle assumed responsibility for managing all of the firm's branch offices in late 1997. In 2006, he succeeded Douglas E. Hill as Edward Jones' fifth managing partner.

George Zimmer, A.B. '70 – Zimmer opened the first Men's Warehouse in 1973 in Houston. Today the company is the largest retailer of men's tailored suits and dress casual clothing in the United States and Canada, with over 700 stores with more than $1.5 billion in annual sales. Under Zimmer's leadership, the Men's Wearhouse has fostered a corporate culture of commitment to social responsibility. Today it is a Fortune 1000 company and has been recognized as one of Fortune Magazine's 100 Best Companies to Work For in six of the last seven years.

Robert S. Brookings Awards

David and Betty Farrell
– In 2003, David and Betty Farrell made the lead gift for the Farrell Learning and Teaching Center at the Washington University School of Medicine, a visionary facility for students and faculty preparing to address the latest challenges in science and medicine. David is the former chairman and chief executive officer of the May Department Stores Company and an emeritus trustee of the University. The Farrels, in partnership with the former May Company, established the David C. and Betty Farrell Professorship of Medicine in the John Milliken Department of Medicine in 2000, and the couple enhanced the professorship to the distinguished level in 2002.

Russell D. and Mary B. Shelden – Russell, M.D. '49, completed his medical degree at Washington University and served as chief of the Department of Anesthesiology and president of the medical staff at Research Hospital in Kansas City until his retirement in 1977. From 1958 to 1983, he also held an academic appointment as a clinical professor in the anesthesiology department at the University of Missouri–Columbia. The Sheldens endowed their first professorship at the Washington University School of Medicine in 1988, the Russell D. and Mary B. Shelden Professorship in Anesthesiology and established a second professorship in anesthesiology in 2005.
W e want to hear about recent promotions, honors, appointments, travels, marriages (please report marriages after the fact), and births, so we can keep your classmates informed about important changes in your lives.

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.

ALUMNI CODES

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Please send news to:

ClassMates
Washington University
in St. Louis
Campus Box 1086
One Brookings Drive
St. Louis, MO 63130-4899
Fax (314) 935-8553
E-mail classmates@wustl.edu

If you also want your news to appear in a separate publication your school may provide, please send your news directly to that publication.

Glen Stuckel, EN 60, was re-elected as the Louisville, Ky., 170th District councilman. Richard L. Turner, LA 60, LW 62, has retired after 44 years as an active attorney in St. Louis. He has turned his practice to the Ledbetter Law Firm and now spends half of each year at his home in Princeville, Kauai, writing, fishing, swimming, and enjoying long walks on the beach.

Robert L. Vickery, Jr., FAIA, AR 60, received the 2006 William C. Noland Medal from the Virginia Society of the American Institute of Architects, on Nov. 3, in Richmond, Va. The medal, the highest honor bestowed by the Society, takes its name from William C. Noland, Virginia’s first licensed architect and one of the founders of the organization. The award recognizes architects who have established a distinguished body of accomplishment, who have been recognized by their peers as being among the top 5 percent of architects in the state. In appreciation for his dedication and hard work on the city’s 2007 golden anniversary calendar, Thias, once chairman of the Sunset Hills planning commission, editor of the city’s first master plan, and his landmark pencil-drawn drawings of Sunset Hills are printed in the calendar. Thias, a Sunset Hills resident for some 50 years, is a self-employed architect. An author and teacher of art and architecture as well, he was a member of the Washington University faculty for 6 years.

Claudia Chapline, GL 56, is having her work shown in an exhibit titled “Claudia Chapline PASSAGES: A Quaternary Dream of Earth, Ale, Water, Fire” at the Rosicrucian Egyptian Museum in San Jose, Calif., from Feb. 1–July 31, 2007.

Ray Millard, UC 63, as of the first week of January 2007, was sworn in as a member of the 2007 Monterey County Civil Grand Jury, a position he will hold until December 2007. In January 2007 he resigned as finance officer of the Association of Monterey Bay Area Governments, winding up 21 years of public service in the Monterey Bay area. In addition, he recently resigned from the board of directors of the Monterey Credit Union. During his 17 years on the board, he had been secretary, treasurer, vice chair, and chair.

Phyllis Brasfield Liebson, LA 64, GR 68, has a new job as director of religious education at the Catholic Diocese of St. Francis of Assisi in Santa Fe.

Joshua Grossman, MD 65, sends pews of three accomplishments: He taught Acute Coronary Syndromes to cadets in the Junior Reserve Officer Training Corps at Tennessee High School in Bristol, Tenn.; he appeared in WisD Sisters in November 2006 at the Jonesborough ( Tenn.) Repertory Theater; and his comments appeared in the October 2006 issue of the Journal of the American Medical Association.

Bruce H. Becker, LA 67, MD 70, and a junior partner in a Atlanta law firm with Needle & Rosenberg law firm in Atlanta, has been named among “Georgia Super Lawyers—Rising Stars” in the annual survey produced by legal publisher Law & Politics.

Stefan J. Glynnias, LA 68, an attorney with Lashly & Baer in St. Louis, was included in 2006 Missoula & Kansas Super Lawyers. Those appearing in the list were nominated by their peers as being in the top 5 percent of Missouri and Kansas lawyers.

Jane (Pfeifer) Sologub, FA 69, is thrilled that the winners of a competition to redesign the plaza in front of the Boston Center for the Arts, a space that she and her husband have viewed from their living-room windows for the past 27 years, has been won by Patterhn design, a new St. Louis architectural firm, whose owners and partners are Eric Hoffman, GA 05, a visiting assistant professor, and Tony Patterson, GA 04. The firm, which has competed to attract 66 applicants.

Hannah Niedorf, GR 69 (psychology), Avner Falk, GR 70, and Bryna Franklin, SW 81, who reside in Jerusalem, recently gathered at the home of Rabbi Herbert Weiner, author of 9-1/2 Mystics and The Wild Goats of Ein Gedi. Niedorf has served in community health in Israel since 1974, working as a psychologist in a school for children with cerebral palsy, a supervisor for school psychological services, and as a psychotherapist in private practice.

Avner Falk, GR 70, Hannah Niedorf, GR 69, and Bryna Franklin, SW 81, who reside in Jerusalem, recently gathered at the home of Rabbi Herbert Weiner, author of 9-1/2 Mystics and The...
Wild Goats of Ein Ged. Falk is an internationally known scholar in psychohistory, psycho-biography, and political psychology. His latest book, a psycho-biography of Napoleon, is to be released by spring 2007. His previous books include Here! King of the Jews and A Psychoanalytic History of the Jews.

Gary H. Feder, LA 70, LW 74, GL 80, who practices law with Hush & Epenberger in St. Louis, was named president of the board of directors of the Clayton (Mo.) Chamber of Commerce, beginning a one-year term on Dec. 13, 2006. Feder, a past member of the Board of Education for the Clayton School District, served as its vice president and treasurer. In June, 2006, he was appointed by Clayton’s mayor as a member of both the City Plan Commission and Architectural Review Board.

Paul Florian, LA 73, president of Florian Architects, Chicago, has been named to the College of Fellows of the American Institute of Architects, one of the highest honors the organization bestows. His portfolio includes retail prototypes and nationwide roll-outs for companies such as United Audio Centers, retail stores such as Sears, and exhibits for museums such as the Art Institute of Chicago.

Brian Mandell, LA 73, GR 77, won third place for her research center, also, he is editor of the Cleveland Clinic Journal of Medicine, “most assuredly to the chagrin of the University’s English department,” he says. Debra is director of the Monarch School for Children with Autism.

Dennis C. Dickerson, GR 74, GR 78, was elected on Sept. 21, 2006, as chairman of the board of trustees of the American Bible Society.

John Jines, LA 74, celebrated his 30th year as an agent with Farmers Insurance and established a Web site: farmersagent.com/jjines. He continues to work with James E. Walsh III, LA 94, on commercial insurance clients.

Debra E. Klugman, LA 74, LW 78, has been promoted to senior vice president and general counsel of SBLI USA Mutual Life Insurance Company. Her office is in New York City. Her family, including her husband, Ira, and sons, Sean and Brett, resides in Old Greenwich, Conn.

Philip S. Gallas, LA 75, is a customs & international trade attorney in the Washington, D.C., office of Vorys, Sater, Seymour & Pease. His wife is professional artist Irene Zweig Gallas. Their daughter Sydney, 21, is a senior at the Tisch School of the Arts at New York University in New York City. There she is studying directing and set and costume design at Playwrights Horizon Studio. Their 18-year-old daughter, Gizi, is a first-year student at Smith College in Northampton, Mass., where she is studying Japanese language and culture. The family resides in Potomac, Md.


Stephen Yablon, LA 75, principal of Stephen Yablon —Architect, based in New York City, announces that the firm designed the winning plan for Jefferson Arts Walk in Orange, N.J. This planned development of a 12-block neighborhood of abandoned industrial buildings and historic 19th-century hat factories located along the train line to New York City will use the arts as the engine for urban revitalization. The project will include more than 900 condominiums, 75 artist live/work spaces, art galleries, retail shops, restaurants, and a renovated vintage working-men’s tavern.

Glenn S. Parry, DE 76, recently was elected chairman of the board of directors of Delta Dental Insurance of Wyoming. Parry, who has been in private practice in Green River, Wyo., for more than 30 years, also has served as president of the Wyoming Dental Association and president of the Wyoming Academy of General Dentistry.

Ann Friedman Calandro, GR 77, won third place for her 20” × 24” mixed-media collage of the Lower East Side, titled The Streets Were Painted With Gold, at the 17th annual Tewksbury (Mass.) Art Show in October 2006. Calandro, a free-lance medical writer and editor, will have four mixed-media collages in a group show in New York City in March 2007.

Carolyn Orange, GR 77, GR 91, professor of educational psychology at the University of Texas in San Antonio, was honored with the Yellow Rose of Texas Education Program Award by spring 2007. His previous books include Here! King of the Jews and A Psychoanalytic History of the Jews.

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Award. The award, honoring San Antonio educators, is given by the Constance Allen Heritage Guild for Lifetime Learning, an educational foundation of the Business and Professional Women's Club of San Antonio.

Bruce E. Friedman, LB 78, a partner in the Claytor, Long, Erm of Paul, Camazine & Blumenthal, has been selected for inclusion in the 2007 edition of The Best Lawyers in America®. He practices exclusively in the area of family law, with particular emphasis in substantial-net-worth cases, high-end alimony, prenuptial agreements, and surrogacy law.

Mark Bluhm, LW 80, GR 80, is an inventor of Novus, a shared platform for search and retrieval of content used by online products, for the Thomson Corporation, a global provider of integrated information solutions for legal and business professionals.

Randal S. Farber, BU 80, GR 81, who practices law at the Houston office of Jackson Walker, has been selected by his peers for inclusion in Super Lawyers, an honor accorded to only 5 percent of lawyers in Texas. A partner in the business transactions section, Farber practices primarily in the areas of real estate, finance, and corporate law.

Stuart T. Franklin, SW 81, Hannah Nieder or, GR 69, and Avner Falk, GR 70, who reside in Jerusalem, recently gathered at the home of Rabbi Herbert Weiner, author of 9-1/2 Months: Jackson Walker, to discuss issues confronting Farber's profession in Israel since 1983, recently spent four years in China, teaching English at universities and Fortune 500 companies there.

William Arthur "Art" Conklin, LA 82, is an assistant professor in the College of Technology at the University of Houston, specializing in information security. He earned terminal degrees in both electrical engineering (space systems engineering) from the Naval Postgraduate School in Monterey, Calif., and in business administration from the University of Texas in San Antonio.

Frank D. Freese, BU 82, GR 83, of A.G. Edwards & Sons, won the contest among the top equity strategists in the 2006 Fearless Forecast stock market survey. Freese explained how he learned to analyze the stock market while at the University. Since joining A.G. Edwards as a health-care analyst in 1983, Freeman has developed a set of models with 200 variables that go back 30 years, including the average duration of unemployment and a measure of after-tax corporate profits. With these, he can simulate the economy and determine which industries will do best under the various conditions he forecasts.

Thomas Nolan, GR 82, has been named executive director of ACCESS Academies, a not-for-profit organization providing faith-based, high-achievement middle school education for disadvantaged students in St. Louis. Previously, Nolan was chief executive of Loyola Academy, which he founded, and, during 20 years with the Archdiocese of St. Louis, he facilitated the start-up of Cardinal Ritter College Prep High School and Vision for Children at Risk. Also, he served a six-year term on the City of St. Louis Board of Education.

Russell "Rip" Parks, GA 83, GA 83, was promoted to managing principal of the Richmond, Va., office of Odell Associates in May 2005. As of January 2007, he joined the board of directors of Odell Associates, headquartered in Charlotte, N.C.

Sandy Richman, LA 83, a clinical assistant professor in the Department of Psychiatry at Drexel University College of Medicine in Philadelphia, and also associate-practice psychiatrist whose specialty is coping with chronic pain, has launched her new Web site/blog: www.howtocopewithpain.org.


Thomas R. Galganski, GI 84, president of Galganski, P.E., announces that his law firm has reached a milestone—being in business for 10 years between January 2007. He says he established Galganski to conduct his legal practice in the manner in which he believed it ought to be conducted. Tom and his firm focus on problem-solving in the areas of estate and succession planning, business and owner representation, including the buying and selling of businesses, probate and trust administration, commercial and residential real estate matters, fringe benefits issues, and general contractual representation.

Karen Lohmann, PT 84, a captain in the Commissioned Corps of the U.S. Public Health Service, was to begin a four-year assignment as chief therapist officer on Feb. 13, 2007. The Acting U.S. Surgeon General appointed her to this post, in which she will serve as the primary point of contact between the Office of the Surgeon General and the Therapy Category, which includes physical therapy, occupational therapy, audiology, and speech-language pathology.

Graham S. Wright, EN 84, has joined America's VISTA and is doing a year of national service with the Rural Renewable Energy Alliance in Home River, Minn. Web site: real.org.

Laurie A. Roemmele-Roberts, LA 85, is in the 17th year of her business, PEQ, Inc. (education and training consultants). She earned a Ph.D. degree in organizational development from the Fielding Institute in 1998. She and Monte D. Roberts, her husband and business partner, have two sons, Mychal David, born April 7, 1999, and Brian Jett, born Oct. 30, 2003. Roemmele-Roberts, who has received numerous leadership and service awards, continues to run a ladies tea ministry named Rose Cottage Friends, which she organized in 2004.

Randi M. Morrison, LA 86, LW 89, recently was promoted to senior vice president, general counsel, and secretary of CSK Auto Corporation, one of the largest retailers of automotive parts and accessories in the United States, based on store count. Since joining CSK in March 1997, she has served in various positions in the legal department, most recently as vice president, general counsel, and secretary. Phoenix-based CSK is publicly traded on the NYSE and operates in more than 3,000 stores in 22 states under the brand names Checker, Schuck's, Kragen, and Murray's.

Nina Aledort, LA 87, resides with her husband, cat, and dog in Brookline. She is the associate commissioner for program services for the New York City Department of Juvenile Justice, developing programs and policies for the health, mental health, education, and recreation needs of detained youth. She earned an M.S.W. degree from Hunter College, City University of New York, in 1997. Carolyn Dubuque, BU 88, has been named manager of quality assurance for ACCESS Academies, a not-for-profit organization providing faith-based, high-achievement middle school education for disadvantaged students in St. Louis. She has 16 years of experience in career education and is a member of the Appointments Panel of the Accrediting Commission of Career Schools and Colleges of Technology.

Brett (Thompson) Glidden, FA 89, and his husband, Aaron, who have been married two years, reside in Homer, Alaska, where Brett's current primary job is caring for 10-month-old twin girls and Aaron is a harbor officer for the city of Homer.

Jann Lee Sinmer, LA 89, LA 89, author of the Phantom Hero series, has authored Secret of the Three Treasures (Holiday House, 2006), a middle-grade adventure novel. Sinmer, who also writes for adults, magazines, and businesses, loves the big skies of her hometown, Tucson, Ariz., and the wilderness that is just right for adventuring.

Jim Edmunds, LW 90, and his wife, Katie Edmunds, along with their three children—Riley and Eliot, both 10, and Emily, 5—reside in Tuscan, Italy, near the medieval city of Lucca. The Edmundses, who own and manage Villa Aquilée, a tourism and villa-rental business, return to St. Louis for the summer. E-mail: info@VillaAquilée.com.

Andrew Raimists, GA 90, principal of Raimist Architecture in St. Louis, gave a talk on Harrison Barth as a master architect, at Webster University in St. Louis in December 2006.

Eileen Roberts, LA 90, and George Garcia were married in Honolulu on July 9, 2006. The Garcias, Argentine Tango professionals, most recently were featured performers at the Tango World Festival in Japan. (Eileen's stage name is Kai Garcia.) The Web site www.islatango.com shows them dancing. Eileen also is the administrative director for Pacific Basin Connections.

Vicki (Phon) Caplan, LA 91, and her husband, Andrew Caplan, BU 91, announce the birth of Smonne Elana on March 19, 2006, in London. The family moved to London in June 2004. Vicki left her career in advertising to be a busy stay-at-home mom, while Andrew manages the global trading activities in alumina, aluminum, and dry freight for Trafharga, a private commodity trading company. E-mail: phoncaplan@hotmail.com.

Scott Cohn, BU 91, and his wife, Julie, announce the birth of Eilley Carolyn on Jan. 14, 2007. She joins her brothers—Adam, 6, and Jeremy, 3. The family resides in Chesterfield, Mo. Scott is director of planning at Bakers Footwear Group. E-mail: jand3@mindspring.com. They have just returned from a 8- to 10-month assignment in Tokyo for his company, GlaesSmithKline.

Brett (Thompson) Glidden, FA 89, and his husband, Aaron, who have been married two years, reside in Homer, Alaska, where Brett's current primary job is caring for 10-month-old twin girls and Aaron is a harbor officer for the city of Homer.

Michael Kenneth Lee, EN 91, says his e-mail address has changed to mikes.miguel=sotومe.net.
Seeking Fixed Payments?

See page 9.

Robert S. Brookings
Fixed Payments for Life

The Washington University Charitable Gift Annuity, see page 9
Immigrant Rights: Protecting America’s Heritage

We work to give everyone his or her rights. This simple statement reflects the work and the passion of Andrea Crumpler, who has focused her career on immigration rights.

As a Washington University graduate student, Crumpler participated in two special immigration programs—the Immigration Law Project in St. Louis and ProBAR in Harlingen, Texas. After graduating in 2002 with J.D. and M.S.W. degrees, she headed up the Interfaith Legal Services for Immigrants in St. Louis.

Now with the Northwest Immigrant Rights Project (NWIRP) in the state of Washington, Crumpler is preparing to open this organization’s newest office in Spokane in 2007. The new office will expand the reach of this 22-year-old nonprofit organization, which handles more than 10,000 cases each year for immigrants ranging in age from 4 to 96 and representing more than 100 native countries.

Before moving to Spokane in September 2006, Crumpler spent 1½ years in Tacoma as lead attorney for NWIRP’s Legal Orientation Program. Tacoma is the location of the Northwest Detention Center, which houses more than 800 detainees from Alaska, Washington, and Oregon, as well as others sent from anywhere in the country. About 80 percent of these detainees must fight for their rights without legal representation, so the rights training and the workshops on self-representation Crumpler provided three days a week were essential.

“It was very gratifying work because people were just happy that somebody was there to explain to them what the heck was going on,” she says. Crumpler also directly represented some of the most vulnerable detainees whose cases most cried out for legal assistance.

Asylum cases, in particular, called for her combined skills in social work and law. “You are dealing with people who probably have post-traumatic stress, who may have lost family members, who may have been tortured. You have to build a relationship to find out what happened to them. Working with the clients to learn their stories, document their cases, prepare their testimony can take weeks and months.

“I’ve become connected to these individuals,” she continues. “I’ve become a part of their families. I’ve worked with them in so many ways: trying to connect them with housing, trying to make sure their kids are in the right schools, making sure they’re in counseling. You can’t just treat one thing. You have to work with everything, but the legal issue is really the crux. They need to know that they’re safe in the United States.”

Also heartbreaking, Crumpler says, are the cases of immigrants who came to the United States as babies and now, as adults over 18 years of age, find themselves facing deportation. It may be because they were unaware they didn’t have legal status or because they don’t have family members in a position to help them attain legal status or because they committed a deportable offense (perhaps as simple an offense as failing to appear at a court hearing years ago, but also crimes). “These are individuals who are deported to a country that they have never been to, where they don’t really have any family, and where they may not even speak the language.”

Amid the heartbreaks, she draws inspiration from many of her clients. “It’s amazing to me how resilient and hopeful people have continued to be despite all that they’ve been through. Their ability to keep going, to keep showing kindness and hope, is truly amazing. These are people with true strength.”

—Debora Burgess
**CLASSMATES**

Murray Goldstein, LA 93, joined Cox Communications as director of commercial marketing strategy. Previously, he was director of Internet marketing for GMAC Insurance. He and his wife, Laurie Ann, and their son, Ryan Alexander, reside in Atlanta. E-mail: murrays@cox.com

Spencer Greene, LA 93, recently returned from Iraq, where he provided medical support for a special operations unit. Still assigned to Wright-Patterson Air Force Base, he is an assistant professor of emergency medicine at Wright State University in Dayton, Ohio. He helped found and become a medical toxicology fellow at Banner Good Samaritan Medical Center in Phoenix.

Erik Hinrichs, EN 93, EN 93, and Leigh Summers were married on Sept. 2, 2006, in Galena, Ill. They reside in Schaumburg, Ill., where Erik is a program manager for Motorola. E-mail: Erik.Hinrichs1@motorola.com

Randall Hopkins, LA 93, and his wife, Amy, announce the birth of Annabelle Elizabeth in May 2006. She joins her older brother, Matthew Anthony. The family has relocated to Washington, D.C., where Randall has been named vice president at the NASDAQ stock market. He and his family reside in Washington for the creation and distribution of all real-time and historical market data products reflecting activity in the market.

Matthew Karch, LA 93, the founder and CEO of Saber Interactive, the largest independent video game development studio in Russia, says his job is “evidence that I never really left the U.S. because my Russian major came in handy.” The company now is developing an Xbox360/Playstation 3 game titled Tribeca and an educational game called voice for Vivendi Universal. Karch and his wife, Cheryl, along with their children—Alexandra, Andrew, and Ella, who respectively are 3, 2, and three months—reside in Caldwell, N.J., next to Tony Soprano. Karch says, “Being 35 is feeling really old. I would love to reconnect with old friends.” E-mail: karch73@saber.com

Katherine B. Mankoff, LA 93, and her husband, Steven Mankoff, reside in New York City, where she is working for a media company. (Her MA left too late for this issue) About five years ago, she reported and anchored newscasts at several television stations across the country. In summer 2006, she premiered her first documentary, The G-House Pirates, at Tribeca Cinema. She wrote, shot, and produced the 85-minute feature on her own, which she calls a lab of love. “Next on my plate? Who knows!” she says. “But hopefully a couple of kids and many more documentaries.”

Steven E. Pozaric, GB 93, a member of the business services department at Armstrong Teasdale, a St. Louis-based law firm, has been made a partner in the firm. He focuses his practice in the areas of corporate and securities law, real estate law, and securities law. Pozaric counsels clients with respect to corporate formation, financing strategies and plans, securities issues, and mergers and acquisitions, as well as general business matters. He has extensive experience in representing biotechnology, life-science, and other technology-based companies.

Carol (Wellinghoff) Reilly, GF 93, and her husband, Sean Reilly, announce the birth of Paul William on Nov. 27, 2005. In 2003, the family moved from Chicago to Grafton, Wis. E-mail: cwellinghoff-reilly@hotmail.com

Dave Rifkin, LA 93, has been an assistant professor of law at Georgetown University Law Center in Washington, D.C.

Carolyn J. Sanford, GR 93, who earned a master’s degree in library and information science from the University of Illinois at Urbana-Champaign in May 2006, has been named assistant director of the Learning Resource Center at Richland Community College in Decatur, Ill.

Paul D. Strug, LA 93, and his wife, Leslie Kay Strug, announce the birth of Brandon Myles Strug on Nov. 20, 2006. He joins his sister, Madeline Blythe Strug, Paul, who has resided in Houston for the past 10 years, is a shareholder with Kirkland & Ellis in Philadelphia. Pulaski & Zubier, while Leslie has been a teacher with Temple Emanuel El’s Becker Early Childhood Center. Both have resided Best Apartments in Manhattan. The wedding of Matthew Karch, LA 96, and his wife, Amy, was reported by the readers of The Hollywood Gazette. She and her husband, Adam, reside in Hollywood, Fla., with their daughter, Jolie, 1. E-mail: dalana@yahoo.com


Alana (Ginsburg) Horowitz, LA 96, and her husband, Best, announced the birth of their baby by the readers of The Hollywood Gazette. She and her husband, Adam, reside in Hollywood, Fla., with their daughter, Jolie, 1. E-mail: dalana@yahoo.com

Rachel Williams Mantz, LA 94, and her husband, Grant Mantz, announce the birth of Allison Rose on March 29, 2006. Rachel is a partner at McGuire-Woods in Chicago. E-mail: rmantz@mcguirewoods.com

Brenda (Neuman) Neuman-Sheldon, LA 93, and her husband, Steven Sheldon, announce the birth of Mara Jane Sheldon on Nov. 11, 2006. She joins her mother, Eva, 53, and the family dog, Jessie, "in conspiring to deprive their parents of much-needed sleep." The family resides in Baltimore, where Neuman-Sheldon is an independent research consultant specializing in K-12 education evaluation. E-mail: neumansheldon@comcast.net

Amy Orter, LA 94, and David Mandell were married on Oct. 28, 2006, in Santa Barbara, Calif. Several University alumni attended the ceremony. The Mandells reside in Los Angeles, where Amy is a first-grade teacher and David is the general counsel of a mobile entertainment company.

Amy (Black) Ross, LA 94, and her husband, Matthew, announce the birth of Nathaniel Isaac on Nov. 22, 2006. He joins his brother, Jonathan Montague, 20 months. The family resides in South Natick, Mass.

David Straker, LA 94, and Kimberly Altschul were married on Aug. 26, 2006, at Tavern on the Green in Manhattan. The wedding party included several alumni. The couple resides in New York City.

Tracy (Goethe) Thumm, LA 94, and her husband, Matt, announce the birth of Catherine Thumm on March 27, 2006. She joins her brother, Ryan Matthew Thumm, 2. The family resides in Schaumburg, Ill.

Patricia F. Beals, FA 95, and her husband announce the birth of Eva Grace Beals in March 2006.

Helaine Denenberg, LA 95, and her husband, Jonathan Klawans, announce the birth of Gabriel Asher Klawans on Aug. 1, 2006. He joins his brother, Ari Joseph, 3. The family resides in Natick, Mass. E-mail: helaine1@aol.com

Howard "Howie" Kestenbaum, BU 95, and Deena Tobias were married on Aug. 20, 2006, in Nantucket. Both are alumni. The couple resides in New York City.

Jean (Alter) Lipman, LA 95, and her husband, Jason, announce the birth of Charlotte on Sept. 8, 2006. She joins her sister, Katie, 2. The family resides in Rye, Brook.
N. Y. E-mail: lmpanjean@a

Elizabeth C. Thurman, LA 95, moved back to St. Louis from Tampa in January 2007 and plans to start her own veterinary practice.

Fun Bandhu, LA 96, produced the new musical Spring Awakening at the Eugene O’Neill Theatre on Broadway in fall 2006. About innocence lost and found, the play was produced Off-Broadway in summer 2006.

Thomas Newton Bolling, LW 96, has been named managing attorney of regulatory affairs for Continental Airlines. He is based at company headquarters in Houston.

Ryan S. Brooks, LA 96, and his wife, Tiffany, announce the birth of Ava Isabelle on Oct. 17, 2006. She joins her sister, Mackenzie, 3, and her brother, Colin, 2. The family resides in Scottsdale, Ariz., where Ryan owns Meridian CondoResorts (www.condoresorts.com) and Tiffany is a real estate litigation attorney. E-mail: ryan@condoresorts.com

Brian Andrew Davis, LA 96, LA 96, has been quite busy since his last update. He says, “In the past 2½ years, I’ve gotten married, quit my job, spent 15 months traveling around the world with my wife, moved from Minnesota back to the homeland of Portland, Ore., have now started looking for work, and am starting the professional M.B.A. program at Willamette University in January of 2007.” E-mail: b Davis@gmail.com. Blog is beccabrian.blogspot.com

Dirk F. Dykson, GB 96, was promoted in April 2006 to business strategy and planning director for Hewlett-Packard Calculators. In this role, he primarily is responsible for significantly growing the business globally and setting strategic direction for the business.


Dan Messeloff, LA 96, and his wife, Wendy, announce the birth of Alexander Lefko Messeloff on Oct. 2, 2006. Dan says the whole family is doing well.

Tracy Bronik, LA 97, SW 98, and Yeshai Giblin were married on Dec. 3, 2006. The wedding party and guests included many University alumni. Tracy is the clinical director of operations for a leading health-care company in St. Louis, and Yeshai is the director of operations for the Midwest region of an outdoor sign promotion company. The Giblis reside in Chesterfield, Mo.

Nimrod “Rod” Chapel, Jr., GL 97, and Denise L. Randolph were wed in a traditional ceremony in Kansas City, Mo. They reside in Jefferson City, Mo., where Rod is the director of the Missouri Department of Labor and Industrial Relations.

Edward E. Curtis IV, GR 97, Millenium Scholar of the Liberal Arts and associate professor of

WASHINGTON PROFILE
Nick and Nora Weiser, A.B. ’91

Outside In: Banners Make Statement

Nick and Nora (Burkis) Weiser met their first week at Washington University in 1987. When they first dated, owning a business together was not on either’s radar. Nick was studying political science and Nora art history and French. After graduating in 1991, they moved to Chicago, where Nick worked at an environmental firm and Nora worked at the Art Institute of Chicago. While at the Art Institute, Nora admired the vinyl banners that hung on street poles advertising art exhibitions.

“Finally, I asked if I could get one,” she says. “Since then, we’ve had them hanging everywhere we’ve lived.” The banners always become the focal point in a room. “Whenever someone would see one, they would ask about it. ‘Can I get one? Do you have to give it back?’” However, museums didn’t sell them. Instead, the banners wound up decaying in landfills, because of the many logistical and copyright hurdles involved in selling them to the public.

In 1997, the couple moved to Denver, “to enjoy the outdoors more,” Nick explains. They married in 1998 and in 2002 had their first child, a daughter, Claire. When their son, Evan, was born in 2004, they decided to change their lifestyle, spend more time with their children, and pursue other interests. Nick suggested starting a business salvaging and selling museum exhibition banners. “I thought the idea was great, but knew it was easier said than done,” Nora says. However, after going through the list of challenges with the idea, they both realized they actually had solutions to each one, so they created a viable plan that utilized both their backgrounds. The plan developed into BetterWall (www.betterwall.com).

Their concept is simple. BetterWall takes banners from its partner museums, negotiates the copyright and licensing rights, then cleans and sells the banners. If banners are restorable, they grind and recycle the rest, keeping tons of vinyl out of landfills annually. Nora states, “Every business is trying to incorporate green practices. Museums like the fact that these aren’t getting thrown into landfills.”

BetterWall sells the banners at affordable prices ($300–800) and gives the museums a percentage of the profits.

Building the business has been hard work, but it has gone smoothly. Nora sold some art-world contacts on the idea, and once places like the Art Institute signed on, other top museums like The Museum of Modern Art in New York, Los Angeles County Museum of Art, and San Francisco Museum of Modern Art wanted to participate too. Entrepreneur, BusinessWeek, and other publications have written about the business. This, along with word-of-mouth and the Weisers’ personal touch, has helped BetterWall thrive.

BetterWall, which now has two storage facilities and two partners of employees, works with 23 major art museums. The Weisers stock about 3,000 banners and have a rotating roster of approximately 75 designs.

“We’re always adding new banners, with the most desirable ones selling out quickly,” Nick says. Also, they keep one of their original goals in mind: Each works a four-day week, spending the fifth with their children.

Nora uses her art history degree all the time in their business. As important as anything else, however, they say Washington U. developed their ability to think creatively. They also made great friends at the University—who initially thought their plan was “a little odd,” Nora jokes. Nick adds, “Once a year, I get together for a trip with Washington U. friends. A couple of years ago, I told them about the business idea when we went white-water rafting. They were skeptical and, frankly, doubtful; they couldn’t relate to it. Now, when they see the banners, they get it. They understand that it’s an idea that grew out of—uniquely—Nora and me.” —Beth Herstein, A.B. ’83
religious studies at Indiana University-Purdue University Indianapolis, authored Black Muslim Religion in the Nation of Islam, 1960-1975 (University of North Carolina Press, 2006). It is the first comprehensive examination of the rituals, ethics, theologies, and religious narratives of the Nation of Islam, showing how the movement combined elements of Afro-Eurasian Islamic traditions with African-American cultures to create a new form of Islamic faith.

Jason Gaswirth, EN 97, and Erica Edelman, LA 97, were married on Sept. 3, 2006, in New York. They reside in New York City, where Edelman is an architect with Platt Byard Dovell White Architects. Gaswirth is a manager with Diamond Management & Technology Consultants. E-mail: jason@gaswirth.com

Jennifer A. Schwesig, LW 98, a member of the business services department of Armstrong Teasdale, a law firm based in St. Louis, has been made a partner in the firm. She focuses her practice in the area of international law, with an emphasis on international trade and customs, as well as general business, commercial, and financial transactions.

Caralyn S. Stevens, GB 98, reports that she was married on Oct. 28, 2006, and that her married name is Darling.

Nancy Burr, PT 99, and Matt Sproul were married Sept. 16, 2006, in Livonia, Mich. Guests included many University alumni. Nancy is a member of the spinal cord team of the rehab department at University Hospital in Ann Arbor, part of the University of Michigan Health System. Matt is a purchaser and estimator at a construction company. The Sprouls reside in Redford, Mich.

Dara Golush, BU 99, has been promoted to brand manager for Lancome, a division of L'Oreal. Her product is mascara, a $100 million business. In February 2007, Golush, who resides in New York City, was scheduled to travel to Africa to attempt to climb Mount Kilimanjaro.

Sameena Knuck, LW 99, has been promoted with Thomson-West and now manages and negotiates Westlaw contracts at several large law firms in Washington, D.C. Her husband, Tom, an examiner in corporation finance at the Securities and Exchange Commission, expects to earn an LL.M. degree in securities regulation from Georgetown University in Washington, D.C., in May 2007. The couple recently moved to a townhouse in Capitol Hill.

Suzanne Nelson, LA 99, was married in October 2005 in Chapel Hill, N.C., to "a guy she met in St. Louis" through University friends. They moved from Washington, D.C., to New Orleans to help her husband's family rebuild. Later, the couple moved to Chapel Hill, a place they decided they loved after being there for the first time at their wedding. Suzanne is a freelance writer on health and wellness.

Katherine Nowak, PT 99, has been pursuing an M.B.A. degree from Washington University and expects to graduate in summer 2007.

Anthony Thompson, SI 99, president of Kwanme Building Group, received a Corporate Executive Award from 100 Black Men of Metropolitan St. Louis during the organization's annual black-tie gala on Oct. 21, 2006. The award recognizes local African-Americans for their outstanding involvement in community service.

Steven Frappier, LA 00, GR 06, whose degree in 2006 was an M.L.A. through University College, recently became director of college counseling at Ransom Everglades School, a minority-majority, college-preparatory, independent secondary school in the Coconut Grove neighborhood of Miami. For six years, Frappier worked in the University's Office of Undergraduate Admissions, including duties as associate director and coordinator of Multicultural Celebration Week. Originally from Orlando, Frappier says he is "enjoying how Miami seemingly manages to be located in both the same state and a different country." E-mail: stevefrappier@gmail.com

Alana Klein, LA 00, LA 00, is director of communications and publications for Marymount Manhattan College in New York City. Klein, who earned a graduate degree from the Medill School of Journalism at Northwestern University in Evanston, Ill., is an avid marathoner.

Matt Scheidt, LA 00, and Dana (Wendler) Scheidt, LA 99, GR 00, announce the birth of Nathan Christopher on Oct. 2, 2006.

Amy Senneke, LA 00, SIW 04, and Matt Scheidt, LA 00, were married on Sept. 16, 2006, in Longmont, Colo. Senneke works for Kaiser Healthcare, a division of KPMG Inc., and expects to graduate in June 2007. E-mail: asenneke@hotmail.com

Elizabeth England Siela, LA 00, and her husband, Anthony, announce the birth of Madelyn Kathleen Siela on Aug. 11, 2006.

Allison Cohen, LA 01, and Greg Leidner were married on Nov. 16, 2006, in Boston. Allison earned a master's degree from Boston College. Leidner earned an M.B.A. degree from MIT in Boston. Both now work for United Pipe & Steel, a family-owned pipe distribution business. The Leidenres reside in Boston.

Douglas Harrison, GR 01, GR 05, now is assistant professor of English at Florida Gulf Coast University in Ft. Myers. He specializes in American literature and culture before 1900.

Barth Holohan III, GB 01, SW 01, announces that the company he founded in 2002 to provide in-home, non-medical personal care in the St. Louis area has expanded its services and changed its name from Home Helpers to Continuum.

Lindsey (Anhalt) Kirkeby, LA 01, and her husband, Kevin Kirkeby, announce the birth of Kaia Elise Kirkeby on Sept. 28, 2006. The family resides in Rochester, Minn., where Lindsey works in cardiac transplant at Mayo Clinic, while Kevin works at IBM.

Shawn P. Shields, LA 01, GR 04, GR 06, whose former last name was Resler, earned a Ph.D. degree in inorganic chemistry in December 2006.

Jessica Brooks, LA 02, and Jason Gar unreiter, LA 02, were married on Sept. 16, 2006, in
The family resides in Crestwood, Jessica works in marketing for the communications practice of the vice president in the marketing at the University, and Tony Patterson, GA 04, are partners in their own St. Louis architecture firm, named pattern design, which has won a yearlong, national competition to redesign the Boston Center for the Arts plaza.

Anthony Guy Augenstein, SI 06, has joined the St. Louis office of Clancy as a project engineer. He will assist project managers with design-build projects from concept to completion.

Courtney M. Brunsfeld, LW 06, has joined Lashly & Baer, a St. Louis-based law firm, as an associate. She focuses her practice in government law and school law.

Benjamin A. Drablak, GB 06, Lawrenceville, WA 02, has joined the law firm of Laughlin, Waters & Thoman to redesign the Boston Center for the Arts plaza.

In Memoriam

1920s

Alexander J. Steiner, EN 27, GR 28, Nov. '06
H. Lawrence Miller, LW 28, Nov. '06
Eugene H. Stiel, BU 29, Dec. '06

1930s

Helen Hoxie Hughes, LA 30, Nov. '06
Louis T. Hall, Jr., LA 33, Dec. '06
Agnes (Eilers) Kenton, LA 33, LW 36, Oct. '06
Norman P. Berlowitz, AR 34, GR 35, Jan. '07

1940s

Michael M. Karl, HS 40, Nov. '06
David E. Leigh, BU 40, Jan. '07
Cdr. Robert W. Aubuchon, BU 41, Nov. '06

Dorothy M. Bailey, BU 41, Nov. '06

William L. Boles, EN 41, Dec. '06
Raymond A. Olson, GR 41, Oct. '06
Ruth Alice (Keller) Schweiss, FA 41, Nov. '06
John A. Thomson, BU 41, July '06
Harold C. Gaebe, Jr., LA 42, Dec. '06
Philip S. McGrath, LA 42, LW 43, Nov. '05

Marcia (Toensfeldt) Osborne, LA 42, GR 43, Nov. '06
George F. Kiesel, Jr., EN 43, Jan. '07
Marilou (Marsh) Patten, LA 43, Dec. '06
Michael P. Popovich, UC 43, Jan. '07

Nancy Sue (McConnel) Zumwalt, FA 43, Dec. '06

Merilee A. (Meier) Underhill, LA 44, Dec. '06
Patricia J. McCauley, Beaumont, NU 45, Aug. '06
Leonard Berg, LA 45, MD 49, Dec. '06

Harold Bressler, EN 45, Dec. '06
Troy A. Gray, DE 45, Dec. '06
Harold W. Henrick, DE 45, Nov. '06
Helmut E. Hoff, MD 45, Oct. '06

Ethel (Huebner) Koetter, LA 45, Aug. '06

Marilyn Borenefeld, LA 46, June '06

Marvin Blum, BU 47, Jan. '07
Robert J. Major, BU 47, Oct. '06
Wilma (Smith) Mcauliffe, LA 47, Nov. '06

Robert F. Nagel, EN 47, Dec. '06
Nathan Tabachnick, EN 47, Jan. '07
Lambert C. Trovillion, BU 47, Jan. '07

Karl P.W. Wolf, LA 47, GR 49, Jan. '07

Eugene L. Wolff, BU 47, Jan. '07
James E. Lockwood, LW 48, Aug. '06

Monroe C. Mathes, BU 48, Nov. '06

Benedict A. Morviance, LA 48, May '06

Sylvester J. Pagano, GR 48, June '06
Donald T. Scott, BU 48, Dec. '06

Thomas N. Stern, MD 49, Sept. '06

Marian Emma (Burchard) Vogt, LA 49, Dec. '06

Burton F. Figus, BU 49, Nov. '06

Franklin C. Gilbert, LA 49, Nov. '06

Dorothy E. (Beheens) Strickler, GR 39, Jan. '07

George Wallis, BU 39, July '06
CLASSMATES

Joséph Jack B. Joelson, SW 52; Oct. '06
Jasper A. DePaul, BU 50; Nov. '06
Arthur F.D. Evans, Jr., BU 50; Nov. '06
Elizabeth Row (Nolte) Hartmann, LA 50; Jan. '07
Emil P. Kraegenbrink, GR 50; Nov. '06
Robert C. Krauter, EN 50; Jan. '07
Carl E. Pitts, UC 50; GR 60; Oct. '06
Charles F. Stephens, Jr., BU 50; Dec. '06
David A. Gee, HA 51; Dec. '06
James W. Jenkins, Sr., LA 51, LW 51; Oct. '06; Nov. '06
Clinton W. Joerding, BU 51; Aug. '06
Bettie J. (Steiger) Lumpkin, OT 51; Dec. '06
John W. McAllister, BU 50; Dec. '06
Fletcher N. Anderson, Sl 56; Dec. '06
Mary Adrienne (Steckling) Coen, BU 56; Dec. '06
Ronald C. Lyss, LA 52; Jan. '07
Bobbie D. McNeal, GB 51; Aug. '06
Arthur I'D. Evans, jr., BU 50; Nov. '06
Edward R. Krauter, EN 50; Jan. '07
Carl G. Meyer, GR 49; Oct. '06
Lavera (McDaniel) Montgomery, UC 50; GR 57; Dec. '06
Donald P. Heaney, BU 57; Oct. '06
Hachtmeyer, GR 54; Nov. '06
Fred T. Porter, GR 53; Sept. '06
Pitts, UC SO, GR 60; Oct. '06
Charles F. Stephens, Jr., BU 50; Dec. '06
Donald C. Bernestein, BU 64, LW 67; Dec. '06
Marian (Ballman) Davis, UC 64, UC 69; Nov. '06
Mrs. John W. Reed, LA 60; Dec. '06
Anita A. (Paskal) Shearburn, LA 60, GR 71; Jan. '07
Charles H. Thuen, EN 60; Dec. '06
Graydon L. Ballard, Jr., DE 62; Nov. '06
David Comfort, BU 62; Jan. '07
Joan F. Edwards, GR 62; May '06
Rosalie (Rigg) Eufinger, LA 62; Dec. '06
Gary P. Holke, UC 62; Dec. '06
Dorothea (Adamson) Johnson, SW 62; Aug. '06
Dorothea M. Kopriwica, UC 62; Nov. '06
Edwin G. Lawrence, GR 62; Dec. '06
Mrs. Stephen Richards, UC 62; Jan. '07
Jeremiah J. Fleming, UC 63, UC 73; Jan. '07
Joseph B. Griffith, Jr., UC 63; Jan. '07
Donald C. Bernstein, BU 64, LW 67; Dec. '06
Marvin (Ballman) Davis, UC 64, UC 69; Nov. '06
James D. Geer, UC 64; Dec. '06
Mrs. Robert Horton, UC 64; Nov. '06
Sarah J. (Coleman) Jeffrey, LA 64; Dec. '06
Martha Kalt, UC 64; Feb. '06
Robert N. Yeager, EN 64; Dec. '06
Walter H. Franke, EN 65; Jan. '07
Robert L. Geiler, UC 65; Dec. '06
Evelyn L. Romano, GN 65; Jan. '06
Gail (Williams) Zakarian, SW 65; Jan. '07
Virginia (Giles) Lakemeyer, GR 67; Nov. '06
Mrs. Henry J. Meier, UC 67; Sept. '06
Lawrence Jasper, SI 68; Nov. '06
Patrick J. Williams, UC 69; Nov. '06
Lawrence R. DeGuiere, Jr., FA 70; Dec. '06
Peggy (Robiner) Goldfader, LA 70, GR 72; Dec. '06
Marguerite M. (Cantrell) Best, UC 71; Dec. '06
Maxine (Hirsch) Meyers, LA 72, LW 78; Nov. '06
Mary Alice Owen, GR 72; Nov. '06
Paul Edwin Fitzgerald, Jr., LA 73; Nov. '06
Bernard T. Nachtman, UC 73; Nov. '06
Joseph Frank Lowder, GR 74; Nov. '06
Else Suzanne Miller, FA 74; Dec. '06
Timothy Ivy Brownlee, SW 76; Dec. '06
William Robert Walker, TI 77; Jan. '07
James Murray Weinberg, LA 77; Aug. '06
Mark Joseph Job, EN 78; Nov. '05
Lori (Hodges) Sklar, BU 78; Dec. '06
Amy Muz (Stevens) Sternberg, LA 79; Oct. '06
Donna C. Bernestein, BU 64, LW 67; Dec. '06
Marian (Ballman) Davis, UC 64, UC 69; Nov. '06
Hugh M.F. Lewis, GR 87; Nov. '06
Andy Chen Dean, MD 90, GM 90; Nov. '06
Harrison Michaels, LA 90, GA 95; Aug. '06
Sue Shike, GR 90; Oct. '06
Tommy Fobs, Jr., EN 94; Dec. '06
Amy Marie Kramer, LA 94, HW 97; Nov. '06
Wei Xia, GB 03; Dec. '06
Jeremy H. Dawe, LW 06; Jan. '07
In Remembrance

Leonard Berg

Leonard Berg, A.B. ’45, M.D. ’49, professor emeritus of neurology, who was nationally renowned as a clinical neurologist, Alzheimer’s disease researcher, and founder and director of one of the world’s leading research centers at the University, died January 15, 2007, after a stroke. He was 79.

Berg, a St. Louis native, graduated from high school at age 15. He worked his way through college and medical school playing the clarinet and saxophone, earning a bachelor’s degree and medical degree from Washington University by the time he was 22.

Berg had two separate and distinguished careers in medicine—one for several decades as a clinician in private practice and a second one in research. In the 1970s, motivated by his work with patients, Berg started a discussion group in the Department of Neurology on dementia. With his colleagues, he was able to develop a system for distinguishing healthy aging from the onset of very mild dementia. Based on that research, the National Institutes of Health in 1979 awarded Berg, who was in private practice, and colleagues at the medical school a four-year grant to study both groups over time. The early work formed the foundation for the systematized assessment of dementia and detection of early onset of Alzheimer’s disease now in common use.

That study, known as the Memory and Aging Project, continues to this day, having studied a total of more than 3,000 volunteers during nearly 30 years. In 1985, Berg was awarded a grant from the National Institute on Aging (NIA) to establish the Alzheimer’s Disease Research Center at the School of Medicine and Barnes Hospital. In 1997, he stepped down as the director of the Center, which continues to receive funding from the NIA and other agencies.

Berg joined the School of Medicine faculty as a community-based member of the voluntary faculty in 1955. He became professor of clinical neurology in 1972, and, in 1989, he joined the School’s full-time faculty as a professor of neurology and moved his clinical practice into the School’s Department of Neurology.

Berg held many leadership positions, including being president of the American Board of Psychiatry and Neurology, chairman of the Missouri State Advisory Board on Alzheimer’s Disease and Related Disorders, chair of the National Alzheimer’s Association’s Medical and Scientific Advisory Council, member of the National Scientific Advisory Council of the American Federation for Aging Research, and member of the Congressional Advisory Panel on Alzheimer’s Disease.

Survivors include his wife of nearly 59 years, Gerry Berg; two daughters; one son; and one grandchild. His son, John, is an associate vice chancellor at the University, and John’s wife, Christine, is a member of the faculty of the Program in Occupational Therapy.

Adri Steckling Coen

Adri Steckling Coen, B.F.A. ’56, an American sportswear designer respected for her clean lines and colorful patterns, died December 17, 2006, of Parkinson’s disease at her home in New York. She was 71.

Born Mary Adrienne Steckling in St. Joseph, Missouri, “Adri,” as she was known, came to New York City as a guest editor at Mademoiselle at
age 19. From there, she went to Parsons School of Design, studying with several notable designers and graduating in 1958.

Adri joined the sportswear house of B.H. Wragge as an assistant in 1960 and quickly assumed full design responsibilities. She launched her first collection under several labels, including Collectors Items and Clothes Circuit.

In 1971, Adri was invited to show her collection in a two-woman show at the Smithsonian Institution in Washington, D.C., as the contemporary-fashion counterpart to a retrospective of the work of her mentor, the late Claire McCardell. In 1972, Adri began designing her own collections under the Adri New York label.

She was honored with the prestigious Coty American Fashion Critics "Betsy" award in 1982, and, in 1986, she was chosen to represent the United States alongside England, France, Italy, and Japan in Akah Shimbin's International Best Five event in Tokyo.

Until the end of her life, she was dedicated to and animated by a love of her craft. She reviewed colors, patterns, and fabrics through the most recent collection. Adri spent much time in Venice, Italy, after marrying her late husband, Fabio Coen, in 1982. She is survived by two stepsons and a nephew.

David A. Gee

David A. Gee, M.H.A., '51, longtime active member of Jewish Hospital, now part of Barnes-Jewish Hospital in St. Louis, died December 5, 2006, of complications from pneumonia. Gee was a resident of the Maryland Medical Group in St. Louis, where Karl practiced medicine for nearly 50 years. He introduced Missouri’s first needle biopsy of the liver in 1946 and, during his career, performed more than 3,000 biopsies.

Born in Milwaukee, Karl graduated summa cum laude with a medical degree from the University of Louisville in 1938. He married his high school sweetheart, Irene E. Karl, in 1941. One of the first biochemistry teachers in the country, she died in July 2006.

In 1947, the University created the Irene E. and Michael M. Karl Professorship in Endocrinology and Metabolism. Set up by gifts from friends and patients, the named professorship was the first honoring a married couple.

Michael Karl, considered an expert on health and social programs for the elderly, was appointed President Jimmy Carter to serve on a national advisory committee to the White House Conference on Family. He advocated national health insurance for all and how to organize health services for the poor in St. Louis.

Karl, founder of the Jeff-Vander Louie clinic project and a past president of the Jewish Federation of St. Louis, was honored by the National Conference of Christians and Jews in 1985 for his efforts to improve cooperation and understanding in the St. Louis area.

He is survived by two daughters, a sister, and three grandchildren.

Frederick Gustav Meyer

Frederick G. Meyer, Ph.D. '49 (plant biology in Arts & Sciences), considered one of the nation’s best taxonomists in identifying cultivated plants, died of pneumonia October 12, 2006, at his home in Silver Spring, Maryland. Meyer, 88, had Alzheimer’s disease.

A former director of the herbarium at the U.S. National Arboretum in Washington, D.C., he traveled around the world to find, identify, and preserve plants, and his main interest was in the classifications and relationships among ornamental plants. Meyer also became an expert in medieval botany and introduced the herbarium's material of several thousand plants to the United States.

He also identified the plants that were blooming in the gardens of Pompeii when Mount Vesuvius erupted in 29 A.D., information that appeared in one of his books—the acclaimed Natural History of Pompeii, which he co-authored in 2002 with archeologist Wilhelmina Jashemski.

Born in Olympia, Washington, Meyer graduated from Washington State University in Pullman, earning his master's degree in biology in 1941. During World War II, he served in the Army Medical Corps in Europe and afterward settled in St. Louis to pursue doctoral studies at Washington University. After graduation, he did postdoctoral work at University College in London and then returned to St. Louis to work for the Missouri Botanical Garden.

Meyer joined the arboretum in 1963, and it doubled in size under his leadership. He retired in 1991, and when he moved to a retirement community in 2000, he maintained a private practice in St. Louis.

A master clinician with great compassion, he also was known as an outstanding teacher who, by demonstrating the highest ethical standards, inspired and mentored a generation of young physicians. He and I, Jerome Fischman, professor of clinical medicine, co-founded the Maryland Medical Group in St. Louis, where Karl practiced medicine for nearly 50 years. He introduced Missouri’s first needle biopsy of the liver in 1946 and, during his career, performed more than 3,000 biopsies.

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He is survived by two daughters, a sister, and three grandchildren.

Herbert B. Zimmerman

Herbert B. Zimmerman, M.D. ’51, retired as a professor of clinical medicine who was a leader in heart care, died November 2, 2006, of congestive heart failure at Missouri Baptist Medical Center in St. Louis County.

Zimmerman, who grew up in St. Louis, served in the Army Air Forces in World War II as a radio man in the South Pacific. Afterward, he studied at Washington University on the G.I. Bill.

After earning a medical degree, he completed a residency at City Hospital in St. Louis and then accepted a cardiology fellowship at Barnes Hospital.

In the late 1950s, Zimmerman was among a group of physicians who performed pioneering catheterizations for some of the earliest open-heart surgeries. He was director of cardiac intensive care at Jewish Hospital in the 1970s, and then he was director of cardiac intensive care at Barnes-Jewish Hospital, and he helped establish the hospital’s first cardiac intensive care unit.

Zimmerman was principal investigator at the School of Medicine for the Multiple Risk Factor Intervention Trial in the 1970s, which showed that treating risk factors could reduce the death rate from heart disease. He served on the staffs of Barnes-Jewish and Missouri Baptist hospitals and maintained a private practice in internal medicine and cardiology. Zimmerman retired in 1995.

In 2006, he received the distinguished service award from Barnes-Jewish Hospital and the Department of Medicine in the University’s School of Medicine.

An artist and collector in his own right, he painted, sculpted, and created lithographs. Zimmerman died in 2003.
Jill Carnaghi says she doesn’t do anything per se. Her role is more about facilitating—and assisting, cajoling, persuading, mentoring—whatever it takes to work with a host of people throughout the University community “to make student experiences outside the classroom as rich and complementary as what happens inside the classroom.”

First, she says, you identify your need, and then you determine who has the capability and expertise to address that need.

“I’m continually amazed with everybody who works here,” she says, “because they like working here, and they’re really committed to undergraduate students. So there is not the separation between faculty and those who work outside the classroom. When you ask a faculty member to assist with something, you hardly ever hear no. You’ve got full professors who are engaged with freshman research, and that hasn’t always been my experience elsewhere. The wealth of this institution is more than just financial. It’s in the caliber of its students and the willingness of people to help.”

When Carnaghi came to the University in 1997 to fill a newly created position, her task was to assist in the development of the undergraduate co-curricular experience. Her responsibilities have grown over the years, so she feels fortunate that her office is strategically located in Student Activities where she can connect directly with the students.

“Every student who comes here can be successful academically,” Carnaghi says. “But how do I and my colleagues assist each one in making multiple connections to the institution so he or she feels a part of it right away? I’ve worked for a number of different institutions, but here when we talk about student empowerment, student leadership, or campus life, we really want the students to be front and center.”

Now, as Carnaghi artfully balances work and family (she lives in a neighborhood adjacent to the University, and her husband, Paul Schimmele, works with the University’s director of operations), she sometimes puts her own two children to bed and returns
to campus for late events or meetings. As part of her broad range of responsibilities and engagements, she works with student activities, diverse student populations, the Annika Rodriguez Scholars Program, the Interfaith Campus Ministries Association, Greek life, event services, community service, and campus media (Hatchet, KWUR radio, and WUTV). She also advises Student Union, serves as a four-year advisor for Arts & Sciences students, and has been involved in planning the new university center.

Her mission, she says, is to help enrich the entire undergraduate experience.

"I want to have Washington University-educated people feel as if they've not only gotten a good academic degree from the institution, but feel they were a part of the institution, an active and engaged community member, and that they've learned both in and outside the classroom. I want them to leave here with a fondness for the place, willing to help future generations of Washington U. students."

She is astonished by the creativity students bring to the table when they are involved in planning and running activities. "When you give them enough freedom and empowerment, they create things that far surpass anything that we could do for them," she says.

Student Union, for example, manages a large budget responsibly, and other student groups raise large amounts of money for charity.

"It is really a matter of giving them the tools and asking them the right questions to continue to move forward," says Carnaghi. "When Washington University students are at the table and engaged, they come up with the solutions, the answers, and the best way to do things. So how do we really become colleagues and resources for students and let them know we are accessible, willing to listen, although we may not agree with everything they are going to do? Not surprisingly, I don't think there has ever been an instance when they haven't been more responsible than I would have expected. They have always exceeded my expectations."

Carnaghi is pleased with the direction Greek life and community service have taken since she came to the University. Her next big push is to build upon the University's existing leadership and diversity programs.

"We have a lot of initiatives started, but I don't think we've pulled them together in a way that's as accessible as it should be," she says. "What are the skills, characteristics, experiences, and knowledge that a Washington University-educated leader should come away with? How do we build diversity in its richest form and discuss it in ways that will advance the whole agenda of more inclusiveness, more acceptance, more celebrating of both differences and similarities? I think the new university center will facilitate a lot of interaction among members of the University community. It will be an exciting venue for a lot of these initiatives to occur. It will make them more visible."

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

Carmon Colangelo’s Gray’s Anatomy (2006), a large-scale collagraph and digital print from Configured/Disfigured, was exhibited this past fall at the Bruno David Gallery in St. Louis. Colangelo, dean of the Sam Fox School of Design & Visual Arts, is an accomplished artist, and over the last decade, his work has been featured in 15 solo shows and dozens of group exhibitions internationally. This was his first St. Louis show.