A Cultural Handshake

In *Jasmine and Stars*, Professor Fatemeh Keshavarz introduces ordinary Iranians and a universal spirit we all share.
Ansel Adams, *White House Ruin, Canyon de Chelly National Monument, Arizona*, 1941, printed c. 1980, was among the images at the Mildred Lane Kemper Art Museum's exhibit *Ansel Adams: Reverence for Life*. The works, many previously unknown, showcased the lush vitality of water systems contrasted with arid terrain. The exhibit ran May 11–July 16.
DEPARTMENTS

2 FrontRunners
Short takes provide a glimpse of WUSTL’s community of great minds and great ideas.

34 My Washington
Alumna Marie Prange Oetting is one of Washington University’s most loyal and enthusiastic volunteers.

36 Alumni Activities
Seniors count down to graduating and to becoming the newest alumni class; Eliot Society honors Charles F. Knight.

38 ClassMates
Catch up on news of fellow classmates and alumni profiles.

48 Washington Spirit
As special assistant to the chancellor for diversity initiatives, Leah Merrifield works to build a more diverse faculty and staff.

FEATURES

10 Environmental Challenges Bring World Leaders to St. Louis
The McDonnell International Scholars Academy hosts an inaugural symposium to discuss great global environmental challenges.

12 Finding Market Openings
Olin Business School Professor Jim Little suggests how corporations can seize global opportunities.

16 Sharing the Spirit of Iran
With hopes of improving cultural understanding, Professor Fatemeh Keshavarz wrote a book depicting stories of ordinary, peace-loving Iranians.

20 Studio Speaks Volumes
In the Sam Fox School of Design & Visual Arts, a special studio immerses students in “the art of the book.”

25 Sitting Tall
For alumnu s Allen Rucker, writing has gone beyond being a career to becoming a life-affirming experience.

28 Making Quilts Frames Architect’s Teaching
Alumna Valerie (Fort) Goodwin has stitched together an exceptional career as an architect, artist, and professor.

31 Moved to Save Lives
Over the years, alumnu s William Wiesmann has invented many medical devices, such as the HemCon® bandage, that help people survive trauma.
Rhodes Scholar Leana Wen Reports on Africa

Leana Wen, a 2007 graduate of Washington University School of Medicine, was selected to travel with The New York Times columnist Nicholas D. Kristof on a three-week reporting trip to Africa. Wen's and Chicago high school teacher Will Okun's essays were chosen from entries submitted by more than 2,000 American college and graduate students and middle school and high school teachers.

This is the second year that Kristof, a two-time Pulitzer-Prize winner who writes about health, justice, and social issues in Third World countries, has sponsored a contest for essayists to accompany him to Africa.

"Addressing inequities in health, in the United States and globally, is the driving force in my life," Wen says.

Wen, a Rhodes Scholar and past president of the American Medical Student Association, says she considered becoming a foreign-affairs journalist before choosing medicine. "I chose medical school because I wanted a more direct way of changing the world," she says. "Now, I recognize that both sets of skills—direct medical practice and communication to the public—are important for what I want to do."

Among the things she wants to do are shape public policy in a way that addresses global injustices, as well as serve as an emergency medicine physician.

Coming from a family who immigrated to the United States from China, hoping to escape the repressive Cultural Revolution, Wen says her early experiences strongly influenced her current life pursuits.

Student Light-Rail Proposals Win AIA Education Honor Award

A collaborative light-rail master plan involving close to 50 architecture students from Washington University and the University of Arkansas (UA) won a national Education Honor Award from the American Institute of Architects (AIA).

The award, one of only three given this year, was presented in May. It honored "Visioning Rail Transit in Northwest Arkansas: Lifestyles and Ecologies," a regional-planning studio exploring how light-rail and associated transit-oriented development might ease traffic gridlock, spur downtown revitalization, and check sprawl in the Fayetteville metropolitan area.

The Community Design Center (CDC), an outreach of UA's School of Architecture, launched "Visioning Rail Transit" in spring 2006. The project continued last fall at the Sam Fox School of Design & Visual Arts, where Stephen Luoni, director of the CDC, served as the Ruth and Norman Moore Visiting Professor in Architecture. Building on the UA work, nine students in the Graduate School of Architecture & Urban Design developed proposals for transit-oriented neighborhoods anchored by mixed-use train stations at key Fayetteville sites.

"This is an effective use of scenario planning with legible, impactful graphics that can be shown to the community," noted the AIA jury. "There is an appealing levity in the work."
Roman Catholicism, with its numerous saints, long history, and deep traditions, can be difficult for the uninitiated to grasp. But a new book from an expert on the Catholic Church who teaches at Washington University should help to change that.

The Encyclopedia of Catholicism, compiled by Frank K. Flinn, adjunct professor of religious studies in Arts & Sciences, was released May 20.

The book is part of the Facts on File Library of Religion and Mythology series called The Encyclopedia of World Religions, which explores the major religions of the world, emphasizing the living faiths and their historical and social background.

Each volume was written by an expert in the field and reviewed and approved by series editor J. Gordon Melton. The references are accessible enough to be of use to the general reader, as well as the serious scholar.

“Person who is completely unaware of what Catholicism is could read this book and come away with a solid understanding of the tenets of the church and, to some degree, what it means to be Catholic,” says Flinn, who earned a Bachelor of Divinity degree from Harvard Divinity School and a doctorate in special religious studies from Martin Luther University in Berlin.

The book is part of the Facts on File Library of Religion and Mythology series called The Encyclopedia of World Religions, which explores the major religions of the world, emphasizing the living faiths and their historical and social background.

Each volume was written by an expert in the field and reviewed and approved by series editor J. Gordon Melton. The references are accessible enough to be of use to the general reader, as well as the serious scholar.

“The goal of the trip was to balance economic, social, environmental, and political factors in a 10-village area of about 9,000 Malagasy people.”

The University’s School of Law and the Skandalaris Center for Entrepreneurial Studies got involved when the Missouri Botanical Garden asked for ideas.

The garden, through its Center for Conservation and Sustainable Development, has been involved for four years, creating more than 20 jobs, building a library, developing a plant nursery, constructing buildings, and developing relationships with local leaders that have helped restore the endangered littoral forest and its lemurs. Garden workers also realized they needed economic growth for these gains to be sustained.

Each student examined issues based on his or her area of study, including community rule of law, cultural and family issues, technology innovation potential, environmental impact, and entrepreneurial economic development.

The students were accompanied by Kenneth A. Harrington, managing director of the Skandalaris Center; Armand Randrianasolo of the garden; and Theresa Wilson, founder of The Blessing Basket Project. The St. Louis-based basket project is a nonprofit company that pays weavers in six developing countries prosperity wages that are 10 to 15 times higher than fair-trade levels.

Work in Mahabo is being expanded as more student teams and professors focus on other communes in Madagascar.
Program specialist Darlene Norfleet leads a hands-on session on insects aboard the MySci Investigation Station April 20 at Edgar Road Elementary School in Webster Groves, Missouri. Norfleet is part of the MySci Program, which brings interactive science education to area K-2 students through its investigation station, a mobile science classroom in a custom-built, 37-foot semi-trailer. Students and faculty from the Sam Fox School of Design & Visual Art's Visual Communications Research Studio designed the vehicle's exterior graphics and interior displays. The program received a "What's Right with the Region" award from FOCUS St. Louis May 10 at The Sheldon Concert Hall. Launched in 2005 with support from the Monsanto Fund, MySci is a collaboration among the University, the Saint Louis Science Center, the Saint Louis Zoo, and the Missouri Botanical Garden. The program is part of WUSTL's Science Outreach, which strives to improve learning in math and science through hands-on, investigative teaching methods in area school districts in underserved communities.

MySci Wins Regional Recognition

Primate Genome Reveals DNA Similarities

Scientists have decoded the genome of the rhesus macaque monkey and compared it with the genomes of humans and their closest living relatives—the chimps—revealing that the three primate species share about 93 percent of the same DNA. The sequencing was completed by a global consortium of researchers, including scientists at the Genome Sequencing Center at Washington University School of Medicine, and was published in the April 13 issue of Science.

Also, University scientists recently completed the raw sequences for the orangutan and marmoset genomes. The National Human Genome Research Institute, one of the National Institutes of Health, funded all three projects.

By placing the human genome alongside those of the other primates, scientists can identify molecular changes that separate the various species. On a practical level, this may help determine how and when genetic alterations associated with certain diseases, including hepatitis, malaria, and Alzheimer's, crept into the genome and why non-human primates do not develop such illnesses.

The macaque genome is the second non-human primate, after the chimp, to have its genome sequenced.

Bouchet Society Creates WUSTL Chapter

The University has been selected to become a chapter member of the Edward A. Bouchet Graduate Honor Society. Two graduate students and a postdoctoral research associate became the first inductees into the WUSTL chapter. The three, all in Arts & Sciences, are Bertin Louis, Jr., a graduate student in the Department of Anthropology; Marshall Thompson, a graduate student in the Department of Political Science; and Kenya Powell, a postdoctoral research associate in the Department of Chemistry.

The Washington University Bouchet Honor Society Selection Committee, which chose the inaugural class of Bouchet Fellows this semester, comprises Robert E. Thach, dean of the Graduate School of Arts & Sciences; Sheri Notaro, assistant dean of the Graduate School of Arts & Sciences; Garrett A. Duncan, associate professor of education, of American culture studies, and of African & African American Studies, all in Arts & Sciences; and Leah Merrifield, special assistant to the chancellor for diversity initiatives (see page 48).

The society was established in 2005 by Yale and Howard universities to recognize the life and academic contributions of Edward Alexander Bouchet, the first African-American to earn a doctorate from an American university. He earned a doctorate in physics from Yale in 1876.

The society's purpose is to recognize outstanding scholarly achievement and to promote diversity and excellence in doctoral education and the professoriate.

Bouchet Fellows will be profiled on forthcoming Web site that will include their curriculum vitae and research interests. These profiles can be used by job-search committees to locate underrepresented scholars for postdoctoral and faculty positions.

Correction:
On page 34 of the summer 2007 issue, the commandant of the Auschwitz concentration camp should have been identified as Rudolf Hoss, not Hess. We regret the error.
Discovery May Lead to Endometrial Cancer Treatment

Discovery of alterations in a gene called FGFR2 could accelerate the development of new treatments for endometrial cancer, a type of uterine cancer.

Researchers at Washington University School of Medicine; the Translational Genomics Research Institute (TGen); the Wellcome Trust Sanger Institute (Cambridge University); and New York University School of Medicine reported the findings in the May 21, 2007, online version of the journal *Oncogene*.

The mutations in FGFR2 were found in a subset of endometrial cancers. The genetic changes result in uncontrolled cell division, a hallmark of cancer. Drugs already in clinical trials inhibit FGFR2 function and potentially could lead to new treatments for endometrial cancers, according to the researchers.

Paul Goodfellow, an endometrial cancer expert and professor of surgery, genetics, and obstetrics and gynecology at WUSTL's School of Medicine, and Pamela Pollock, head of TGen's Melanoma Research Unit, are planning additional studies to investigate whether two drugs currently in Phase I trials for other cancers inhibit endometrial cell growth in the laboratory. Future studies include testing these drugs in mouse models of endometrial cancer before testing them in humans.

Nearly 40,000 women are diagnosed with endometrial cancer each year.

Undergraduate Helps Mars Mission Landing

Earth and planetary scientists at Washington University paved the way for a smooth landing on Mars for the Phoenix Mission, which launched in August, by making sure the set-down is, literally, not a rocky one.

A team led by Raymond E. Arvidson, the James S. McDonnell Distinguished University Professor and chair of the Department of Earth & Planetary Sciences in Arts & Sciences, analyzed images taken from a NASA instrument to make sure that the Phoenix spacecraft lands in a spot on the Red planet's northern plains that is relatively rock-free.

Coming down in an area with rocks the same size or larger than the lander could cause the whole craft to tilt or tip over or make it difficult to deploy its solar panels. The solar panels drive seven Phoenix Mission instruments.

Key in this whole process was University earth and planetary sciences major Tabatha Heet, who began the project with Arvidson in October 2006. Her job was to painstakingly count thousands of rocks. Heet got large images from an instrument called HIRISE, a feature of the Mars Reconnaissance Orbiter Mission, which permits the viewing of rocks as small as roughly a yard across. Her hand counts were used to assist other NASA scientists in automated rock counter calibrations and comparisons.

Last February, Arvidson and Heet flew out to the Jet Propulsion Laboratory (JPL) in Pasadena, California. Heet received a warm round of applause at her introduction to JPL researchers, and scientists questioned her on her technique and her stamina.

"It's very slow and makes your eyes go crazy," Heet says.

First Student Show Held in Mildred Lane Kemper Art Museum

The Sam Fox School of Design & Visual Arts presented its annual MFA Thesis Exhibition in the Mildred Lane Kemper Art Museum. The exhibition included approximately 60 works in a variety of media by 14 second-year master's candidates from the Graduate School of Art.

This year's exhibition was the first student show to be held in the Kemper Art Museum’s College of Art Gallery. The gallery is part of the new museum facilities designed by Pritzker Prize-winning architect Fumihiko Maki.

The 2006-2007 academic year marked several significant developments for the Graduate School of Art. For the first time in decades, all MFA studios are located together in one facility, the University's Lewis Center building. The class of 2007 was the first to graduate since the MFA program was reorganized in 2005. The program now offers all students an MFA degree in studio art, rather than MFA degrees in individual media such as painting or sculpture.
WASHINGTON UNIVERSITY IN ST. LOUIS FALL 2007

FRONTRUNNERS

Athletics Are Tops

Washington University's Department of Athletics finished in fifth place in the 2006-2007 U.S. Sports Academy Directors' Cup Division III spring standings.

Washington University, which was seventh after the fall season and third after the winter season, is still comfortably in the top five with a program-best 791.50 points. The Bears softball team had its best season in the program's history, taking second place at the NCAA Championships. Baseball wrapped up its season by making its third-straight NCAA appearance.

WUSTL senior Natalie Badowski earned ESPN The Magazine second-team Academic All-America (college division) honors for cross country/track and field. A biology and philosophy-neuroscience-psychology major, Badowski earned Academic All-America honors for the third straight year, the first time in school history an athlete has achieved the feat.

The men's tennis team ended the season with a loss to eventual national champion University of California, Santa Cruz, in the NCAA quarterfinals. Sophomore Charlie Cutler was named the ITA Central Region and National Player to Watch, while freshman John Watts earned the Central Region and National Rookie of the Year awards.

Danforth Lecture Series Achieves "Higher Sense of Purpose"

A talk sponsored by the George Warren Brown School of Social Work and a symposium hosted by the School of Law this spring served as the final two installments of the Danforth Lecture Series. The series, which debuted last October as part of Washington University's celebration of the Danforth Campus dedication, underscored the important role of higher education in society.

The social work school sponsored "The Social Impact of a University," given by Jonathan Fanton, president of the John D. and Catherine T. MacArthur Foundation, one of the nation's largest private philanthropic foundations. Fanton discussed the important contributions that universities can make to social and economic progress at the local, national, and international level.

The law school hosted the Philip D. Shelton Symposium, titled "A Higher Sense of Purpose: Access to Higher Education and the Professions." The symposium brought together distinguished panelists to discuss access to higher education and the professions, including socioeconomic and racial diversity issues.

What's Shakin'? Test Shows Sensors Limit Earthquake Damage

A talk sponsored by the George Warren Brown School of Social Work and a symposium hosted by the School of Law this spring served as the final two installments of the Danforth Lecture Series. The series, which debuted last October as part of Washington University's celebration of the Danforth Campus dedication, underscored the important role of higher education in society.

Jonathan Fanton

The social work school sponsored "The Social Impact of a University," given by Jonathan Fanton, president of the John D. and Catherine T. MacArthur Foundation, one of the nation's largest private philanthropic foundations. Fanton discussed the important contributions that universities can make to social and economic progress at the local, national, and international level.

The law school hosted the Philip D. Shelton Symposium, titled "A Higher Sense of Purpose: Access to Higher Education and the Professions." The symposium brought together distinguished panelists to discuss access to higher education and the professions, including socioeconomic and racial diversity issues.

WASHINGTON UNIVERSITY IN ST. LOUIS FALL 2007

WASHINGTON UNIVERSITY IN ST. LOUIS FALL 2007

What's Shakin'? Test Shows Sensors Limit Earthquake Damage

A talk sponsored by the George Warren Brown School of Social Work and a symposium hosted by the School of Law this spring served as the final two installments of the Danforth Lecture Series. The series, which debuted last October as part of Washington University's celebration of the Danforth Campus dedication, underscored the important role of higher education in society.

Jonathan Fanton

The social work school sponsored "The Social Impact of a University," given by Jonathan Fanton, president of the John D. and Catherine T. MacArthur Foundation, one of the nation's largest private philanthropic foundations. Fanton discussed the important contributions that universities can make to social and economic progress at the local, national, and international level.

The law school hosted the Philip D. Shelton Symposium, titled "A Higher Sense of Purpose: Access to Higher Education and the Professions." The symposium brought together distinguished panelists to discuss access to higher education and the professions, including socioeconomic and racial diversity issues.

WASHINGTON UNIVERSITY IN ST. LOUIS FALL 2007

WASHINGTON UNIVERSITY IN ST. LOUIS FALL 2007

What's Shakin'? Test Shows Sensors Limit Earthquake Damage

A talk sponsored by the George Warren Brown School of Social Work and a symposium hosted by the School of Law this spring served as the final two installments of the Danforth Lecture Series. The series, which debuted last October as part of Washington University's celebration of the Danforth Campus dedication, underscored the important role of higher education in society.

Jonathan Fanton

The social work school sponsored "The Social Impact of a University," given by Jonathan Fanton, president of the John D. and Catherine T. MacArthur Foundation, one of the nation's largest private philanthropic foundations. Fanton discussed the important contributions that universities can make to social and economic progress at the local, national, and international level.

The law school hosted the Philip D. Shelton Symposium, titled "A Higher Sense of Purpose: Access to Higher Education and the Professions." The symposium brought together distinguished panelists to discuss access to higher education and the professions, including socioeconomic and racial diversity issues.

WASHINGTON UNIVERSITY IN ST. LOUIS FALL 2007
Mural Encourages Public Transportation Use

A new Earth Day mural now hangs in the Skinker MetroLink station in an effort to raise consciousness about global climate change and encourage the use of public transportation to reduce greenhouse gas emissions.

The colorful mural, titled "St. Louis Kids Paint for Global Climate Change Awareness," consists of 200 plywood puzzle pieces that were painted by elementary and middle school students throughout St. Louis City and County.

The mural, designed by Monica Parsons, B.F.A. '05, was constructed by undergraduates in the honors society of the International and Area Studies program in Arts & Sciences, the Campus Y group VERDE (Volunteers for Environmental Restoration, Development, and Education), and members of the Thurtene Junior Honorary. It will hang in the station for one year.

Zeuler R. Lima, assistant professor of architecture in the Sam Fox School of Design & Visual Arts, has won the 2007 Bruno Zevi Prize from the Bruno Zevi Foundation in Rome for his extended essay "Towards Simple Architecture" about the Italian-Brazilian architect Lina Bo Bardi.

Helen M. Piwnica-Worms, professor of cell biology and physiology and of internal medicine at the School of Medicine, and Murray Weidenbaum, the Edward Mallinckrodt Distinguished University Professor, were elected fellows of the American Academy of Arts & Sciences.

Steven Strasberg, the Pruitt Professor of Surgery and head, Section of Hepato-biliary-pancreatic and Gastrointestinal Surgery, was made an honorary member of the European Surgical Association at a meeting of the association held at the Royal College of Surgeons in Ireland in Dublin.

Eleven faculty members were named to endowed professorships: Robert Blankenship, professor of biology and of chemistry, as the Lucille P. Markey Distinguished Professor of Arts & Sciences; Sarah C.R. Elgin, professor of biology and of education, both in Arts & Sciences, and professor of biochemistry and molecular biophysics and of genetics in the School of Medicine, as the first Viktor Hamburger Distinguished Professor in Arts & Sciences; Victoria J. Fraser, professor of medicine and clinical chief, Division of Infectious Diseases, as the J. William Campbell Professor of Medicine; W. Donald Gay, associate professor of otolaryngology and director, Division of Maxillofacial Prosthetics, as the Christy J. and Richard S. Hawes III Professor at the medical school; Sally Goldman, professor of computer science and engineering, as the Edwin H. Murty Professor of Engineering; Aaron Hamvas, medical director, Newborn Intensive Care Unit, St. Louis Children's Hospital, as the first James P. Keating, M.D., Professor of Pediatrics; David Levine as the John Biggs Distinguished Professor of Economics; Jeff Pike, dean of the College of Art and the Graduate School of Art, as the first Jane Reuter Hitzeman and Herbert F. Hitzeman, Jr. Professor of Art in the Sam Fox School of Design & Visual Arts; Andrey S. Shaw, professor of pathology and immunology, as the Emil R. Unanue Professor of Immunobiology and director of the new Division of Immunobiology; Larry Taber, professor of biomedical engineering, as the Dennis and Barbara Kessler Professor of Biomedical Engineering; and Brad W. Warner, as the Apolline Blair St. Louis Children's Hospital Professor of Surgery and pediatric surgeon-in-chief at the medical school and St. Louis Children's Hospital.
Nature and Nurture Play Roles in ADHD

Past research has suggested that both genes and prenatal insults—such as exposure to alcohol and nicotine—can increase the risk of attention-deficit/hyperactivity disorder (ADHD). But the identified increases in risk have been very modest. Now, a team of Washington University scientists has found that when those factors are studied together, risk of a severe type of ADHD greatly increases.

The investigators looked at two genes related to ADHD risk and considered whether mothers smoked during pregnancy. In past studies, maternal smoking had been linked to a 1.2- to 1.3-fold increase in risk of ADHD. Genes associated with ADHD elevated risk between 1.2- and 1.4-fold.

"But when we looked at the effect of maternal smoking in children with one of our candidate genes, we saw a three-fold increase in risk, and in children with both genes whose mothers smoked during pregnancy, we saw a nine-fold increase," says senior investigator Richard D. Todd, the Blanche F. Ittleson Professor and director of the Division of Child Psychiatry.

"Our findings begin to offer an explanation for the modest effects we've seen when looking at genes or environmental variables one at a time. It appears it's really the interaction of genes and environmental factors that predisposes a child to problems with ADHD."

Further studies will focus on the interplay of genetic and environmental factors.

![Risk of ADHD](chart)

The risk of a severe type of ADHD greatly increases in children whose mothers smoked during pregnancy and who also have variants of one or two genes associated with ADHD.

Danforth Receives Inaugural Spirit of Hope Award

Chancellor Emeritus William H. Danforth was presented with the inaugural Christopher Hobler Spirit of Hope Award at the 3rd annual “Evening of Hope,” a gala dinner and concert May 14 at The Sheldon Concert Hall. Danforth was honored by the nonprofit organization Hope Happens for his “demonstrated passion for and commitment to the mission of Hope Happens and support for a new model of doing research for neurodegenerative disorders by promoting collaborative, translational research with the potential to fast-track cures.

In his acceptance remarks, Danforth said: "I would not be here tonight if medical research had not extended my life. I believed in medical research long before its fruits affected my life directly, but now I have a personal reason to be grateful.

"The Hope Center puts together the right world-leading scientists, with the right vision, and the right infrastructure to mount an attack on these crippling diseases," Danforth continued. "The challenge for us all is to join the Hope Center in the pursuit of this noble cause."

For more information and to read the full text of Danforth’s acceptance speech, visit hopehappens.org.

(From left) Jessie Vonk, William H. Danforth, and Jean Hobler at the May 14 ceremony at which Danforth received the inaugural Christopher Hobler Spirit of Hope Award, named for Hobler’s son. Vonk, a sculptor and widow of former music director of the Saint Louis Symphony Orchestra Hans Vonk, designed the award to resemble a neuron as a symbol of hope to find cures for nerve-killing disorders.

---

University Gathers for Virginia Tech Vigil

Arts & Sciences freshman Claire Glasspiegel helps Baili Min, a graduate student in mathematics in Arts & Sciences, light a candle during the University’s gathering April 19 in the Brookings Quadrangle to show support for those impacted by the Virginia Tech tragedy. More than 150 students and administrators attended the event to hear remarks from Chancellor Mark S. Wrighton; Karin Johnes, a Virginia Tech alumna and former director of WUSTL’s Greek life; campus ministers; students; and others. Candles were lit, followed by a moment of silence, and those in attendance added their thoughts to a condolence message that was sent to Virginia Tech.
Recognizing the Importance of Planned Gifts ▪ Washington University in St. Louis

☐ Please send me a personalized, confidential calculation using the following information to illustrate the very attractive benefits that I will receive from a Washington University life income plan.

Value $________________________. In the form of:

☐ Cash

☐ Securities ($______) (______) ☐ Real Estate ($______) (______)  
(Cost Basis) (Acquisition Date) (Cost Basis) (Acquisition Date)

First Beneficiary
Birthdate:________________________  (Age 60 or over)
Relationship:________________________

Second Beneficiary
Birthdate:________________________  (Age 60 or over)
Relationship:________________________

☐ Please send me information on making a tax-free gift from my IRA.

☐ I would like more information on planning my year-end giving.

☐ I wish to become a Robert S. Brookings Partner. I have included Washington University in my estate plan through my: ____will or trust ____other

☐ I have a question. Please contact me.

Name _______________________________  (Please Print)
Address _______________________________  
City/State/Zip _______________________________
Daytime Phone ___________________________ E-mail _______________________________

This information is strictly confidential.

(Fold this form and seal edges with tape to mail.)
Returning what we were given...

“We take pride in supporting Washington University and are privileged to give to the Department of Athletics, and the Schools of Medicine, Business, and Arts & Sciences. Because the experience and the education we received at Washington University are priceless, we will again give appreciated stock to a life income plan at year’s end.”

—Dee, BU 50, and Ed Lansche, LA 48, MD 52

A Year-End Strategy to Receive an Attractive Rate of Return and a Charitable Tax Deduction

Help yourself and the University through a Life Income Plan. Make a gift of cash or appreciated securities, and receive:

• a lifetime of income;
• a valuable charitable income tax deduction for 2007; and
• significant capital gains tax savings (if using appreciated property).

Looking for fixed payments? Consider the gift annuity.
If you are age 75 and create a $10,000 gift annuity with cash, you will receive the following benefits:

<table>
<thead>
<tr>
<th>Fixed rate of return</th>
<th>7.1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed annual payment for life</td>
<td>$ 710</td>
</tr>
<tr>
<td>Tax-free portion</td>
<td>$ 423</td>
</tr>
<tr>
<td>Taxable income portion</td>
<td>$ 287</td>
</tr>
</tbody>
</table>

Immediate federal income tax deduction $4,749
(Your deduction may vary.)

Gift Annuity Sample Rates of Return

<table>
<thead>
<tr>
<th>SINGLE LIFE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Rate</td>
</tr>
<tr>
<td>60</td>
<td>5.7%</td>
</tr>
<tr>
<td>65</td>
<td>6.0%</td>
</tr>
<tr>
<td>70</td>
<td>6.5%</td>
</tr>
<tr>
<td>75</td>
<td>7.1%</td>
</tr>
<tr>
<td>80</td>
<td>8.0%</td>
</tr>
<tr>
<td>90</td>
<td>11.3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TWO LIVES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Rate</td>
</tr>
<tr>
<td>60 &amp; 60</td>
<td>5.4%</td>
</tr>
<tr>
<td>65 &amp; 65</td>
<td>5.6%</td>
</tr>
<tr>
<td>70 &amp; 70</td>
<td>5.9%</td>
</tr>
<tr>
<td>75 &amp; 75</td>
<td>6.3%</td>
</tr>
<tr>
<td>80 &amp; 80</td>
<td>6.9%</td>
</tr>
<tr>
<td>85 &amp; 85</td>
<td>7.9%</td>
</tr>
</tbody>
</table>

For further information or a personalized example
- Call 314-935-5373 or 800-835-3503
- Complete the attached reply card
- E-mail us at plannedgiving@wustl.edu
- Visit us at http://plannedgiving.wustl.edu

Seek advice from your tax or legal advisor when considering a charitable gift annuity and/or charitable trust.
Environmental Challenges Bring World Leaders to St. Louis

Washington University's McDonnell International Scholars Academy hosts an inaugural symposium to discuss great global environmental challenges. Worldwide collaboration among university partners grows as a result, and the University forms a new center to tackle issues of renewable energy and sustainability.

Even before it ended, the unprecedented International Symposium on Energy and Environment—held May 4-7, 2007, at Washington University under the auspices of the McDonnell International Scholars Academy—yielded substantive international actions in what its leaders call "the greatest challenges of this century."

Among those are the following:
- an international “Call to Action” (http://news-info.wustl.edu/news/page/normal/9470.html) by academic leaders of WUSTL and the 19 attending McDonnell Academy partner schools—including 12 university presidents—to address pressing energy and environmental issues;
- the formation of the McDonnell Academy Global Energy and Environment Partnership (MAGEEP)—an international consortium of universities committed to collaborating (http://mageep.wustl.edu);
- the establishment of a Web site (http://www.eeed.wustl.edu) listing collected information on 500 related course-offerings of the partner schools, including course content, along with plans for future educational collaboration (co-development, co-teaching, and establishing a collaborative) among the Asian and Middle Eastern universities and Washington University;
- a $500,000 commitment from Washington University Chancellor Mark S. Wrighton to fund collaborative activities leading to a follow-up symposium in Hong Kong in December 2008. Plans are under way to incorporate graduate students from the partner schools at the next summit;
- a promise from the president of Fudan University in Shanghai to expand his university’s energy and environment department into a school of its own, and a similar pledge from the president of the Indian Institute of Technology Bombay to form a department of energy and environment there (as well as the announcement of many other initiatives at other partner schools);
- an agreement among attending institutions to lead by example, employing best practices in areas such as energy efficiency and environmentally sound building construction and renovation. Washington University recently hired Mathew Malten, an assistant vice chancellor, to lead the campus sustainability efforts; and
- numerous other informal agreements for research, educational, and administrative endeavors.

Further, in response to the Call to Action, four weeks later Washington University announced the creation of a new International Center for Advanced Renewable Energy and Sustainability (I-CARES), to encourage and coordinate university-wide and external collaborative research in the areas of renewable energy and sustainability. The University will invest more than $55 million in I-CARES (http://i-cares.wustl.edu/) to foster institutional, regional, and international research on biofuels development and production, CO₂ mitigation and coal-related issues, and exploration of sustainable alternative energy and environmental systems and practices. Himadri B. Pakrasi, the George William and Irene Koechig Freiberg Professor of Biology in Arts & Sciences and professor of energy in the School of Engineering, will direct the Center.

According to Chancellor Wrighton, I-CARES will coordinate research efforts at the University and work with other organizations in the greater St. Louis region to explore alternative energy sources, such as biofuels, to meet energy challenges. It will build on expertise in genomics, microbiology, plant science, materials, environmental engineering, systems science, computer science, economics, political science, architecture, and social work to develop novel products, applications, and sustainability practices.

Creating "Tremendous Synergies"

"We knew the symposium was something unique—never had 20 schools from Asia, the Middle East, and America come together before for discussions on energy and the environment at a single location at a University—but when we assembled, there was tremendous excitement," says Pratim Biswas, symposium coordinator and chair of the University's Department of Energy, Environmental, & Chemical Engineering. "We found tremendous synergies, a readiness to take it to the next level, and a commitment to collaboration and cooperation."

That willingness to work together is embodied in the Call to Action, which urges cooperation not only among the Academy institutions but in "all segments of society to join us in this vital effort" to tackle energy and environmental issues. It outlines four overarching areas of collaboration: education, research, social science and policy studies, and university operations.

Biswas, the Stifel and Quinette Jens Professor, finds the educational collaboration "particularly exciting." In addition to sharing curriculum information, the schools are planning to offer courses together.

"There were extensive discussions on co-teaching," says Biswas, and on how schools can capitalize on one
another's strengths in teaching and research. “We want to set up classrooms in a collaborative way, with physical connectivity via satellite, so, for example, we could view a field experiment going on in China.”

Biswa, who plans to help team-teach a mini-course at the December 2008 Hong Kong symposium, is also excited about the potential impact of the newly established Web site that lists all partner-university energy and environmental courses by institution and subject area—such as air quality and pollution control, ecology and ecosystems, and law and policy. The public site also features extensive course content and discussion.

“We will develop and add content continuously,” says Biswa. “Collectively we teach 200,000 students. With the Web site, we can reach out to millions more and make a true impact.” For information on energy and environmental initiatives at the University:
http://ees.wustl.edu, http://i-cares.wustl.edu,

AN URGENT GLOBAL NEED

The McDonnell Academy Global Energy and Environment Partnership (MAGEEP)—a consortium of universities committed to working together (see http://mageep.wustl.edu)—is already creating discussion groups, of faculty members from McDonnell Academy partner universities, that are exchanging ideas and exploring ways to enhance activities at each university.

“This is a concern that is urgent indeed,” says Fudan University President Shenhong Wang in announcing his institution’s intent to develop a new school of environment and energy. He indicated that the new school would investigate alternative fuel sources such as hydrogen fuel cells and study ways to cut back on campus energy use.

The McDonnell Academy partner universities that sent delegates to the symposium are Middle East Technical University, Ankara; Chulalongkorn University, Bangkok; Peking University and Tsinghua University, both in Beijing; Technion—Israel Institute of Technology, Haifa; Interdisciplinary Center Herzliya, Herzliya; Chinese University of Hong Kong and University of Hong Kong, both in Hong Kong; Boğaziçi University, Istanbul; University of Indonesia, Jakarta; Indian Institute of Technology Bombay, Mumbai; Jawaharlal Nehru University, New Delhi; Korea University, Seoul National University, and Yonsei University, all in Seoul; Fudan University, Shanghai; National University of Singapore, Singapore; National Taiwan University, Taipei; and University of Tokyo, Tokyo.

Also attending the free, public symposium were the inaugural cohort of 18 McDonnell Academy Scholars, other graduate and professional students, WUSTL faculty and staff, interested individuals from St. Louis and other communities, and corporate friends. Corporate sponsors included Ameren UE, Arch Coal Inc., ExxonMobil, Peabody, and the V. Kann Rasmussen Foundation.

Rick Skowiot is a free-lance writer based in St. Louis.
Olin Business School Professor Jim Little suggests how corporations can seize global opportunities in a world that, he believes, is anything other than flat.
Those opportunities arise, says Little, not because the world is flat and similar, but because of asymmetries and unique local characteristics, which create "spaces" where companies can operate successfully on a global scale.

Good examples of successful global companies abound—such as those in India's mushrooming information technology (IT) sector. India did not have a big capital market, but it did have specialized brainpower. Savvy entrepreneurs there, says Little, saw a way to make that work for them globally: "We have a high level of IT skills, and we speak English. We can write code. Therefore, we can do things for Western companies at 25 percent of their costs with very little capital investment."

Little says, "If the world were flat, if Indian computer engineers got paid the same as engineers here, this couldn't happen."

Similarly, Washington University's highly successful foray into China with its Shanghai Executive MBA Program (see page 15) hinges on asymmetries—specifically, the world-class conceptual knowledge of Olin faculty and their skill in teaching combined with the detailed understanding of the Chinese context of their partner faculty from Fudan, which they have now wedded to five years of experience in working with Chinese executives.

"Olin faculty now have a lot of experience with the issues that managers in China face and are able to show the students there how to apply internationally accepted theories and concepts to these problems," says Little. "At the same time, they are truly at the forefront of their fields as researchers and bring the very best science to China. That is what we think China needs as it moves to the economic center stage."

**Future global winners**

In the future, Little sees companies in Brazil and China finding similar spaces, market openings where they can "leapfrog" competition—particularly in the field of energy.
Brazil, despite having no great oil reserves, already produces half of its automotive fuel—from sugar cane. They’ve developed efficient processes to extract ethanol from the sweet grass, producing a fuel significantly cheaper than that U.S. companies can extract from corn, says Little. Thanks in part to high U.S. quotas on sugar imports—a policy that leads to the price of sugar in the United States being more than double the world price—Brazil’s great agricultural engine is generating an innovative and powerful global industry.

Similarly, China’s dearth of petroleum and its pollution problems are fueling a whole new market segment: solar energy.

“Chinese companies will become leaders in energy by advancing solar technology,” says Little. “There is lots of Chinese R&D developing cheaper ways of doing it.”

The research and development are driven by China’s enormous energy needs—each year adding electrical generation power equal to India’s entire output—and by its rank as the world’s number one polluter, pollution that is literally choking the country. With the economy growing at 11 percent annually—much in energy-intensive industries—it still is only one-eighth as large as the U.S. economy, says Little.

“Their energy use will be massive if they catch up to us economically,” Little says, “but they won’t be able to breathe. They have to develop alternative energy sources.”

And while necessity may be giving birth to this inventiveness, it comes in a world that is still global, not flat.

“Here’s an exceptionally compelling market space that’s not crowded, where there’s real opportunity,” says Little. “It’s not surprising that solar cell manufacturing is dominated by Chinese companies. Because of the worldwide demand for energy, they will become global companies quickly.”

How to succeed in global business

Despite the expanding global economic clout of Brazil, India, and China, the multinational corporate world is still ruled by American and European companies, says Little, in part by establishing vibrant subsidiaries in those emerging economies. However, he believes American corporations are particularly adaptive to operating in a global environment, thanks to their “lucky” multicultural history.

“The United States is big and diverse. U.S. customer-tastes and buying-habits differ from, say, West Texas to...
The United States is big and diverse. U.S. customer-tastes and buying-habits differ from, say, West Texas to New York, so American companies are accustomed to dealing with different cultures ...,” says Little.

New York, so American companies are accustomed to dealing with different cultures and different languages,” says Little. “They can deal with international diversity as well, thanks to internal corporate cultures that had to learn to diversify in a very large home market.”

He cites the offshore success of American companies like McDonald’s and Wal-Mart, models for how to succeed in global business.

“Top companies will find new markets, larger markets, new places to do manufacturing, new business models in new cultural and legal contexts,” says Little. “The companies that will benefit are the ones that can recognize opportunities and build on them. Now that they possess all kinds of skills and abilities internally, they need to understand the market, distribution, and customer needs.”

Frightening change, extraordinary gains

But new ways of doing business globally—new and larger supply chains and a focus on processes that produce consistency, convenience, and customer satisfaction—necessarily mean abandoning old ways. And while that can upset some people, it portends significant advances for many.

“Globalization—such as the advance of Wal-Mart—can be frightening,” says Little, citing efforts in some locales to fight the intrusion of Wal-Mart stores into communities. “It produces a change in the way people live—and a world where you are less connected to where you are,” he says, and also to the local culture.

“But the underlying economics tells us the bigger the market, the better the market. When we look back on this era 50 years from now, we’ll see how really extraordinary it is,” says Little. “With India and China—and even in the United States—globalization has resulted in the extraordinary improvement of the economic lot of so many people. There are many more gainers than losers.”

Rick Skwiot is a free-lance writer based in St. Louis.

AN EXCEPTIONAL EXECUTIVE EDUCATION

The Olin School of Business Shanghai-based Executive MBA Program—ranked tops in China by the Financial Times of London and eighth worldwide—is already paying dividends to Chinese managers studying there and to business development in China. However, its greatest benefits for Washington University will come in the long term, as a part of its overall globalization efforts, says Little, its academic director.

“Universities reflect where they are,” says Little. “If we want to be a university that does its job for the world, we have to be there. So many of the benefits are not short term but long term, in what we learn.”

He sees the Shanghai EMBA Program as a piece in the University’s expanding global puzzle—along with the McDonnell International Scholars Academy, the new International Center for Advanced Renewable Energy and Sustainability, global research collaborations, and research and educational ties with multinational corporations.

“We’re forming serious joint ventures worldwide,” says Little, “which is something entirely different. The linking together of universities internationally is going to be really, really potent. Our Shanghai EMBA Program is just part of that bigger picture.”

While substantively involved in the University’s globalization effort, Little gives primary credit for Washington University’s global rise to Chancellor Mark Wrighton.

“Mark is way out ahead of most others in globalization,” says Little.

However, as far as the Business School is concerned, Little ranks as the leader in its global growth, according to its dean, Mahendra R. Gupta, the Geraldine J. and Robert L. Virgil Professor of Accounting and Management.

“Jim is the guru of international issues at Olin, whether they are economic, strategic, or organizational,” says Gupta. “He has been the architect of many international programs at Olin including the famed London internship program, London summer program, and more recently the Executive MBA Program in Shanghai, in partnership with Fudan University.

“Jim tirelessly travels around the globe as our ambassador, building strategic relations and creating unique opportunities for our students and programs. We are grateful for his contributions to Olin and Washington University.”

Shanghai, home of Fudan University, is widely regarded as the center of China’s modern economy. The Pudong New Area has emerged as the financial and commercial hub.
On sultry summer nights in the Iranian city of Shiraz, where she grew up, Fatemeh Keshavarz and her family lay in the courtyard of their home, waiting for sleep and watching the stars. Often, a dervish walked past in the darkness, singing beloved ghazals of 13th-century Persian poets Sa'di or Rumi. In the morning, she awoke to the sounds of her parents at prayer and to the fragrance of a gift from her grandmother: a cluster of jasmine blossoms, left on her pillow.

Keshavarz, professor of Persian and comparative literature, has not lived in Iran since 1979 when she left to do graduate work at London University, but she recalls with great fondness the warmth of its people and the richness of its culture. Many Americans don't know this side of Iran, she says—and don't realize that it still exists today, despite the 1979 Iranian Revolution and the rise of religious fervor in some segments of society. Books such as Azar Nafisi's Reading Lolita in Tehran (RLT, as she refers to it for short), which focuses on the repression of women, only fuel these misunderstandings.
In *Jasmine and Stars*, Professor Fatemeh Keshavarz strives to give Westerners a more balanced look at Iranian people—and to share the sophistication of contemporary Persian literature. On pp. 16 & 17, the Mausoleum of the King of the Lamp (Bogh'eye Shah-e Cheragh) is a beautiful shrine in Shiraz, Iran; as a child, Keshavarz, her mother, and entire family visited it frequently.

"Sometimes it is hard for people to admit that there are good, ordinary, sane Muslims living in Iran, because it feels as though they are supporting the actions of the government," says Keshavarz, who is also chair of the Department of Asian and Near Eastern Languages and Literatures in Arts & Sciences. "But I think we have to overcome that. There are good Muslims—ordinary, peace-loving people—out there, and we have to let them come into the picture."

So she has written her own book, *Jasmine and Stars: Reading More Than Lolita in Tehran*, to give Westerners a more balanced look at her native land. Unlike her previous books that deal with such academic topics as the poet Rumi or expressions of spirituality in Iranian poetry, this one is a blend of personal memoir and literary analysis—a counterpoint, she says, to the "RLT"-style "New Orientalist" narrative that feeds our stereotypes of Iranian Muslims.

"Even the most positive programs about Iran start with the image of blindfolded hostages. We have lost our visual vocabulary to think of Iran in any other terms," says Keshavarz. "I think it is time that we touch each other in a physical and cultural sense. So this book is a kind of cultural handshake, to help people feel the physicality and presence of the other side."

In her professional life, Keshavarz bridges this cultural gap daily: teaching classes in the Persian language, in Orientalism and literature, in women and family in Islam, and in Persian lyric poetry, which she also writes herself. Her first book, published in 1976 by her undergraduate alma mater, Shiraz University, was a volume of her own poetry. Lately, she has been improving cultural understanding in other ways: for example, speaking at the U.N. General Assembly and at a Massachusetts Institute of Technology Forum on "Preventing War with Iran."

"She is extremely generous with her time," says Edward S. Macias, executive vice chancellor, dean of Arts & Sciences, and the Barbara and David Thomas Distinguished Professor. "After 9/11, she put a lot of effort into helping our community understand Islam. When she teaches courses on the Middle East, they attract large numbers of students, and what she teaches is very important for us to understand."

One of those students was Omid Ghaemmaghami, who took six courses with Keshavarz at the University from 2003 to 2005. "Students can see in Professor Keshavarz a devotion to ideals," says Ghaemmaghami, now a Ph.D. student in Islamic studies at the University of Toronto, "in that her search for inclusiveness, respect, and the myriad manifestations of truth forms the basis of her own scholarly work and her teaching."

To convey the truth about Iran, she says, authors must stop writing "ghost stories" that banish whole groups of people to the fringes, unable to speak. In *Reading Lolita in Tehran*, for example, author Nafisi shows "only those five or six girls who are her friends, but in the bigger picture Iranian women are all ghosts. They don't have a face or name; we don't know much about them; we just think of them in terms of victims."
One prominent woman ghost, missing from Nafisi’s book, is 20th-century woman poet Forough Farrokhzad, who died in a 1967 auto accident at age 32. In *Jasmine and Stars*, Keshavarz devotes a whole chapter to Farrokhzad, whose poetry is still widely popular in Iran but little known in the West. Far from demure and compliant, she was passionate, daring, and critical, taking aim at patriarchy and politics.

Just as important in their own way are ordinary Iranians, also ghosts unheralded in the West. Keshavarz chooses several examples from among her family members—three of the brightest stars in the firmament of her childhood. Like the real stars she once gazed at overhead, these relatives illuminated and graced her life.

Chief among them was her uncle the painter, to whom *Jasmine and Stars* is dedicated. A complex person, he was a former army officer and an artist, an Iranian male of a previous generation yet an excellent cook, a gentle, broad-minded man whose devotion to his Muslim faith infused his entire life. Most of all, he gave Keshavarz a shining example of goodness without saying a word. As the poet Rumi put it in a famous poem:

“If you are lost in the desert,
You look at the stars to find your way.
Do the stars ever talk to you?”

This uncle, still alive today at age 86, taught her another profound lesson. “I remember thinking in my childhood, without ever having discussed God with him, that God must exist because otherwise how could a person as beautiful and creative and loving as my uncle be here?” she says. “I even took it further and thought that God must love me a lot because he gave me an uncle like this one.”

A second star, Keshavarz says, was her father (“Baba”), whose intense love of poetry first sparked her own. The two had endless, often heated, debates about authors. “He liked very much to compare poets, and I said, ‘No, no, no, let’s just look at each one separately,’” she says. “Now I am in comparative literature, of course.”

Third among her “stars” was her grandmother, the soul of love and acceptance. When Keshavarz divorced her first husband—a cousin, with whom she had an arranged marriage—her grandmother offered full support, despite social disapproval. Also religious, she somehow associated jasmine with prayer, so she tucked sprigs of the star-like flower into her prayer rug to sweeten the scent.

Today, the stars in her American heavens are her husband, Ahmet Karamustafa, professor of history and of religious studies at the University, whom she met while pursuing her doctoral studies; daughter Atefeh of Chicago; and daughter Ayla and son Ali of St. Louis. Ayla is a freshman at Washington University.

On her annual trips to Iran, Keshavarz is reminded of things she would like to see change there. While she wears a headscarf on these trips, she strongly favors freedom of choice for women in the way they dress. Yet, she is also unhappy with the trend of U.S. policy toward Iran. A military strike would be a “total disaster,” she says, which could escalate and “easily become the beginning of World War III.”

Understanding one another would be a step forward, she says. In *Jasmine and Stars*, she tells the story of an incident that took place in London during the fall of 1980. An archaeologist colleague had just sent her an article about a recently discovered object: an exquisite silver spoon, dating from the Iran of 500 B.C. That same day, a lady sharing her lunch table asked whether modern Iranians ate food with their hands. Keshavarz was speechless with surprise.

“I hope people here will see from my book the creative and humorous side of the Iranian people: in other words, their ordinariness,” she says. “They are not the ‘other’; they have the same hopes and aspirations and wonderful things to contribute to world culture. For us not to understand that is a mistake; it deprives us and them of benefiting from each other as human beings.”

Candace O’Connor is a free-lance writer based in St. Louis and author of the history book *Beginning a Great Work*. Washington University in St. Louis, 1853–2003.
STUDIO SPEAKS
VOLUMES

In the Sam Fox School of Design & Visual Arts, a special studio immerses students from all over campus in "the art of the book"—a way to learn how to structure thought through fusing writing, design, printing, and binding processes.

BY BETSY ROGERS

At the Nancy Spirtas Kranzberg Studio for the Illustrated Book, traditional boundaries seem to dissolve—boundaries between fine art and craft, for instance, or between academic disciplines, or form and content. Indeed, the studio seems often to meld these disparate elements, with elegant results.

The studio—where students learn handsewn bookbinding, traditional letterpress and alternative print processes, and publication design—draws students from virtually every school on campus to the recently completed Walker Hall at the Sam Fox School of Design & Visual Arts. "This semester," says Ken Botnick, associate professor of art and director of the studio, "we've had more than 50 students enrolled in classes here from across the campus."

Jana Harper, lecturer in the College & Graduate School of Art, appreciates the diversity. "The book studio is such a hub for so many different types of students," she notes. "There are writers and photographers and printmakers and painters and architects, all kinds of people. It's a place where multiple disciplines can come together."
(Above) Kathy Ling, Art Class of '09, works on a project. (Top left) "Illusory Motion" is a chapter opening from the book SEE: A Study in Visual Perception, a collaborative book done in Professor Ken Botnick's Publication Design class in fall 2006. The design is by Deborah Slutsky, B.F.A. '07.
Ken Botnick (left), associate professor of art and director of the Kranzberg Studio for the Illustrated Book, works with Jayce McQuerter, Art Class of '09, in the sophomore core class Typography and Letterform.

We’ve had engineering students, business students, medical students. One of my most memorable students in Introduction to Bookbinding was a business student. He made incredible objects.”

The diversity of work is on display each spring when the Kranzberg Studio holds its annual open house, welcoming hundreds of visitors from the community. “Each year we choose the two best projects by graduate and undergraduate students for an award we have come to call ‘The Nancy’ in honor of our greatest supporter, Nancy Kranzberg,” Botnick explains. “It’s a special treat to watch Nancy and her husband, Ken, as they review the extraordinary amount of creative expression their generosity has spawned. And two books created in this studio have now been published in facsimile editions by trade publishers. Nancy loves that.”

The book arts themselves represent a melding of old crafts and contemporary fine arts sensibilities. “In the 1970s,” Botnick explains, reflecting on the explosion of interest in book arts, “there was the big back-to-the-land, back-to-crafts movement. Ceramics programs, glass-blowing programs, things that had traditionally been too ‘crafty’ for art schools suddenly had a real weight to them.”

Meanwhile, offset printing had replaced the hot type of letterpress. Old letterpress equipment and its vast collections of wood and metal type were sitting unused and unwanted. “So people like me started scooping these things up,” Botnick continued. High-end letterpress printing of limited-edition fine arts books began to grow.

But the book studio under Botnick is concerned with more than form, producing exquisite books. “These are not one-of-a-kind book objects,” he says. “That’s not our program. This is not ‘book as art.’ It’s more ‘the art of the book.’” Botnick is equally concerned with what goes into the books made there, with fusing form and content. “I want people to understand the principles of binding and printing and to experiment and find beautiful forms, but that’s not the end,” he argues. “We teach the book as a tool for structuring thought. One of the things that distinguishes our students is their ability to write, to develop concept and a narrative that follows a logical, ordered sequence over the course of a book-length document. We are a program driven by content.”

That content, of course, varies widely, given the multitude of disciplines represented among the studio’s students. Painters, photographers, and graphic designers find expression for their art. “We have painters working here,” Botnick observes, “who suddenly find an avenue for combining words and images that they’ve been working on in their paintings, and they see that the sequential format of the book is perfectly suited to their work.”

Before printmaker Amy Thompson completed an M.F.A. in May, she worked as a teaching assistant in the book arts studio for two semesters. Thompson’s work dissolves its own boundaries. As an undergraduate at Willamette University, she double majored in studio art
and biology and often used botanical imagery in her art. Her current work incorporates mathematics. “My brain works both analytically and artistically,” she explains, “and being able to use them both works well for me.” A graphic designer for six years before entering graduate school, she also values the connections the studio makes possible between fine arts and graphic design. “The book arts do a really great job of bridging the design side to the fine arts side,” she says. Thompson will continue her association with the book studio by teaching Introduction to Bookbinding in the 2007–2008 school year.

In another imaginative collaboration, Harper and Assistant Professor of Architecture Jane Wolff designed a one-credit workshop and symposium around a unique collection of artists’ books about landscape titled Arcadia Id Est. Working with Ann Posega in Olin Library’s Special Collections, they brought Arcadia Id Est to the University as part of a national tour. Ten students from Arts & Sciences and the colleges of Art and Architecture studied the collection and then visited three sites representing different aspects of Arcadia with its utopian connotations.

“The students took photographs, made drawings and diagrams, collected materials at each of these sites,” Harper explains. “Then we spent the next full day in the studio compiling all that information into a collaborative book. It was a fantastic, invigorating experience.”

The focus on content brings an additional emphasis on responsibility. “It’s a marvelous thing to have a printing press in your hands,” Botnick acknowledges, “and to know that you have the means of production. When you print, you enter into a tradition of not only craft and technique but of spirit. I talk with students about their responsibility for what they are publishing, about behaving very early on as a publisher sending things out into the world.”

In the 10 years since its founding, the studio has experienced substantial growth. There is now a book arts minor. The course offerings have expanded, the number of students involved has grown, and the cross-disciplinary initiatives have multiplied.

One of the most fascinating of these initiatives brings the book arts together with cognitive science. This seemingly unlikely marriage explores how the brain’s wiring determines perception and the implications for effective design. Botnick, for instance, has been
In the studio, students receive hands-on training with a variety of materials, including the wooden type of letterpress printing.

studying why some typefaces have more utility than others. "I've been working on understanding preferences in type, and how designers' expectations of what makes good typography do not always jibe with what users experience," he explains. "The goal is to develop a whole course of study in cognition and its impact on design." A proposed master's program in design would include a cognitive science component.

Meanwhile, five of his senior students found his enthusiasm so contagious that they embarked on their own project. Working with Carolyn DuFault, a Ph.D. candidate in psychology, they identified five topics, from the illusion of motion to the detection of edges to equiluminant color, and set about researching how the brain registers and interprets these design elements. Each student wrote a chapter and designed complex graphics to illustrate his or her findings. The group then printed and bound their work, producing a striking volume titled See: A Study of Visual Perception.

Botnick is fascinated as well with how craft stimulates the brain. "The beauty of craft," he asserts, "is that when you have your hands on the materials and you're assembling and shaping and doing repeated movements and are totally engaged in the craft experience, your brain is about as fertile as it can possibly be."

In the studio, students get their hands on a variety of materials—the ingredients of paper, the threads and boards of bindings, the wooden and metal type of letterpress printing, and, in letterpress's more up-to-date technology, the polymer plate, with which a designer can create content in a computer and transfer it to a plate for letterpress printing. The book studio offers all this equipment for students' use.

Not surprisingly, the studio has assumed a role in campus publishing. Working with the American Culture Studies Program, it has produced three books of faculty writings, and now Botnick co-chairs a University-wide committee exploring the development of a Washington University Press. "The advent of the book studio has raised the profile of book publishing to a pretty high degree," Botnick observes. "Publishing is such an important component of research. It's the marketplace of ideas. So for a university of this caliber to have a stake in the publishing practice I think is very important, not because the faculty need it—they all have places to publish their work—but it is a way for the University to identify some of its strengths and interests."

Meanwhile, the studio will continue to meld disparate elements. On the one hand, Botnick says, the studio teaches "a craft practice with materials and technique that help stimulate and shape design ideas." On the other hand, it teaches "a discipline of shaping content. Ultimately," he concludes, "I want to develop students who are hybrid performers."

Harper believes that this hybridizing activity explains much of the studio's popularity. "It's a place where multiple disciplines can come together for a shared goal," she observes. "The architects, the photographers, the writers converge in this one space, and that's pretty exciting for the students."
Sitting Tall

For alumnus Allen Rucker, writing has gone beyond being a career to becoming a life-affirming experience—one that allows him a point of entry into and through events, especially one that turned his world upside down.

by C.B. Adams
Allen Rucker, A.B. '67, is first and foremost a writer. And, for much of his career, he was bipedal. He eschews the word normal. As he writes in his most recent book, _The Best Seat in the House, How I Woke Up One Tuesday and Was Paralyzed for Life_ (HarperCollins 2007), "Normal" may be stretching it, but... I wasn't raised by coyotes. I've never OD'd on drugs or embezzled money from WorldCom. I'm not a high-risk athlete, a daredevil, or a drunk."

Then one day, as its book title implies, he was no longer bipedal. Almost 11 years ago, when he was 51, he experienced a sharp pain that lasted all of five minutes. An hour and a half later, he lost control of his legs, was rushed to the ER, and a day or so later learned that he had suffered an attack of transverse myelitis (TM), a relatively rare inflammation of the spinal cord that would ultimately leave him somewhere "between FOR (as in Franklin Delano Roosevelt) and perfect," according to his physician.

_The Best Seat in the House_ chronicles Rucker's journey from hoping for perfect to accepting he is closer to FOR and will be 54 inches tall in a wheelchair for the rest of his life. The book mirrors Rucker himself—a constant blending of nostalgia for the good ole walking days, acknowledgment of his permanent condition, fist-shaking anger at both the challenges of a disabled lifestyle and the foibles of the able-bodied, family issues, anecdotes about being a show-business writer, and, perhaps most important, bust-a-gut humor.

Case in point: two discarded book titles, _A Farewell to Legs_ and _Spinal Destination_.

His "brilliant" career

Rucker's paralysis is just one event, one experience, in the arc of his life's story line. To borrow from Hollywood, he has gone from _The Loneliness of the Long Distance Runner_ to _Easy Rider_, with plenty of _This Is Spinal Tap_ along the way. He was raised in the small oil town of Bartlesville, Oklahoma. In 1948, his father, a doctor, died in a freak accident when Rucker was 2 years old. His mother struggled as a single parent to raise him and his three siblings. After high school, Rucker attended the University of Oklahoma for one year but was not comfortable there.

"I needed a place where I could take a few risks. I was hungry for knowledge and hungry to learn. That place became Washington University," says Rucker, who had a teacher whose daughter was attending the University. Because he loved to read, he majored in English. He also began accumulating new experiences, including participating in campus anti-Vietnam protests and the civil rights movement.

"We weren't really careerists in the '60s. We weren't thinking ahead about what we would do for a living. We were experience junkies, and there was plenty to experience," he says.

Another important part of his University experience was making friends. Friends is another common word in Rucker's lexicon, as in "my friend Harold Ramis" (of _Animal House_ and _Ghostbusters_ fame), whom he met as an undergraduate, and "my friend Michael Shamberg," who is now a major Hollywood producer, with films such as _The Big Chill_ and _World Trade Center_ to his credit. Rucker also met his future wife, Ann-Marie Sandberg, B.F.A. '67, during this time.

Still seeking knowledge but not necessarily a career, Rucker earned a master's degree in American culture at the University of Michigan and another master's degree in documentary film and video at Stanford University.

"I finally realized I wanted to make documentary films or some kind of blend of journalism and film," Rucker says.
“After spending 30 years in show business, I discovered that this paralysis book is the type of writing I most want to do. All my other writing was preparing me for this.”

His so-called show-business career

Describing himself the day he became paralyzed, Rucker wrote that he was 51, the father of two sons, living in a big house in West Los Angeles, and pursuing “... my so-called craft as a writer of television specials and documentaries. I was at best an aging young Turk and at worst an aging journeyman, i.e., hack.”

Rucker’s self-deprecating description belies a career that more than once almost made him as famous as some of his friends, including David Chase, Martin Mull, Teri Garr, Harry Scheerer, and Fred Willard, among others. He entered the business by exploring the early uses of portable video with a group called TVTV (Top Value TV). Rucker founded the group in the ’70s with friend and schoolmate Michael Shamberg, A.B. ’66. Along with Harold Ramis, A.B. ’66 (now a University trustee), Bill Murray, and others, they made experimental documentaries with a comic edge on topics ranging from the Republican National Convention to the Super Bowl. They garnered critical acclaim, but not much else, including money. TVTV broke up in 1977, but its reputation lives on. The Museum of Television & Radio gave TVTV a full retrospective in 2004.

Rucker’s next “fringe success” was a series of cable shows starring Martin Mull called The History of White People in America. Rucker describes the series as a “… quirky faux-documentary look at mayonnaise-eating Midwestern WASPs.” This small-c “cult classic” went on to generate two books co-written by Rucker and Mull, a line of greeting cards, and a tribute from the Museum of Television and Radio. It did not, however, propel Rucker from the “showbiz ghetto.”

He went on to write countless television pilots, movie scripts, tribute shows, and even award shows like the People’s Choice Awards (“a strange form of literary harlotry—part comedy, part exposition, part shameless cant”) that earned him an income if not notoriety. He also wrote Big Guns Talk, a history of the Western, and Family Values: The Mob & The Movies.

The Family Values show was newly finished just as David Chase’s The Sopranos was taking off. Chase saw the show and offered Rucker the chance to write a Sopranos companion book. Rucker wrote The Sopranos: A Family History and Entertaining with the Sopranos (with Michele Scicolone), and his The Sopranos Family Cookbook (with Scicolone) was a New York Times No. 1 bestseller. The memoir co-written with country music star Gretchen Wilson, Redneck Woman, made it to No. 29 on The New York Times best-seller list. He is the recipient of the DuPont-Columbia Journalism Award, the Writers Guild Annual Award, and two CableACE Awards, among others. Not bad for a hack.

Rucker’s most recent TV project, Two Days in October, is an adaptation of David Maraniss’ best-selling book on Vietnam, They Marched into Sunlight. Originally broadcast on PBS’ American Experience in October 2005, Two Days in October won the 2006 George Peabody Award and the 2006 Emmy Award for Exceptional Merit in Nonfiction Filmmaking. Again, not bad for a hack.

Of all his writing, Rucker is most proud of Best Seat. “After spending 30 years in show business, I discovered that this paralysis book is the type of writing I most want to do. All my other writing was preparing me for this,” he says.

Ever the non-careerist, Rucker does not know what his next big project will be. But he is hoping to travel around the world working on travelogues in the same vein as Flaubert and D.H. Lawrence.

“I can’t get enough of the real world. Maybe that’s why I have this desire to go around the world in a wheelchair and write about it,” he says.

With the inspiration and dedication that goes into making a quilt, Valerie (Fort) Goodwin, M.Arch. '83, has stitched together an exceptional career as an architect, artist, and professor—a progression that has blended beautifully over the years.

Valerie (Fort) Goodwin's first thunderbolt struck when she was an undergraduate student at Yale. "That's what it was like," says Goodwin, now a licensed architect, associate professor at Florida A&M University, and accomplished quilt artist. The year was 1974, she was a sophomore, and she had lost all interest in her major. "In high school we were asked what we wanted to do with ourselves after graduation," she explains, "so I wrote down 'psychology.' It sounded intriguing, and I thought it would look impressive in the yearbook."

Goodwin had begun to consider switching to art and had enrolled in a course held in architect Paul Rudolph's roundly discussed Art and Architecture Building. She had enjoyed art classes as a child, and often sketched her changing environments as her family moved with her chemist father from Tusculumia, Alabama, to Niagara Falls, New York, and then to West Haven, Connecticut.

As she was walking on the eighth floor one day after art class, the door to an architecture studio was standing open, and she "just wandered in." Then it happened. "The room was filled with activity," Goodwin explains, "—people working, talking, building models, drawing. It was a very creative, exciting environment. The realization hit me like a thunderbolt: 'This is for me! I'm going to switch to architecture.'"

Designing a life

Like the buildings she designs and constructs, and like the principles and elements of architecture's art and science—which inspire her teaching and her fabric art—Goodwin's life is rich with color and texture, angles and energy, and unexpected shifts in the ordering system. After earning
This summer, Valerie Goodwin is working on three new quilts as part of a series; background is City Grid III (working title).

her B.A. in architecture, she paused to work with an urban homesteading program in New Haven. A few years later, she and her then-husband, whom she had met at Yale, went to Washington University to earn their respective graduate degrees in architecture and Chinese studies. "It was exciting to be in a big city and another architecturally inspiring environment." Among Goodwin's awards at Washington U. was one for best design student.

After graduation, she worked in St. Louis—first for two of her University architecture professors, Iain Fraser and Thomas Thomson, winners of a competition to design condominiums in Colorado; next as an intern architect for TDP/St. Louis, Inc.; and finally, for the firm Trivers Associates.

In 1989, Goodwin left St. Louis to be near her family, who had relocated in Tallahassee, home of Florida A&M University (FAMU). Her plan was to focus exclusively on architecture, and she joined the firm of Elliott, Marshall & Innes, and subsequently Johnson Peterson Architects, where she was project designer and project architect on renovations and new structures throughout the area.

In time, she remarried; her husband, Robert Goodwin, a research associate at FAMU, was campus architect at the time. As their merged family of three boys grew, however, the long hours at the firm became increasingly challenging. "Faculty at Florida A&M had contacted me back in St. Louis," she says, "and now something suddenly told me to try teaching. So I taught at the university and practiced architecture part time for a year to see whether I liked being in the classroom. I loved it. I was good at it, and I enjoyed it." In 1994, she switched professions, although she and her husband maintain a small firm, Goodwin Architects.

ALUMNI NEWS • FALL 2007  WASHINGTON UNIVERSITY IN ST. LOUIS  29
Villa Rotunda is an aerial of the site where the building—designed by Andrea Palladio, a master of the Italian Renaissance—is located.

Hidden Goddess (detail) is part of Goodwin’s labyrinth series. It is based on an aerial view of an archaeological dig of a neolithic settlement where many goddess figurines have been unearthed.

Above: Villa Rotunda

Building with quilt blocks

Valerie Goodwin takes all her architectural experience to her innovative and popular Professional Practice class, which involves role-playing and active learning, and has led to jobs for some students. The class divides into teams representing hypothetical firms that pursue actual projects advertised in the community and present before a panel of actual clients and professionals, who then award the project to one group.

A winner of the campus-wide Teacher of the Year award, Goodwin says that another class, in beginning design, “has become my love and one of my strengths.” The foundational idea came to her as she was reading a journal article about working with quilt blocks. “Something about it—I’m going to repeat myself now—just struck me. I developed ideas about using quilting blocks to think conceptually about color, pattern, composition, organization, use of line and shape—everything beginning designers need to talk about, whether they are students of architecture, art, or landscape design.”

As the class developed into an ever-richer vehicle for learning and creativity, another transformative idea came to Goodwin: “Since I am so in love with this teaching project, maybe I should take a quilting class.” As soon as she went to the class, she “was hooked.” She was also pushing the limits of her instructor’s imagination—and patience—with her questions. “She would look at me like: ‘What are you talking about? Are you crazy?’ But I just wanted to do more with quilting. I wanted to express my own bent and experience and background in architecture.”

In another class, a design elective called Cloth Constructions, more and more students come from across the campus to experiment with fiber, thread, and paint as graphic media. They are flourishing under her guidance; one was recently admitted to an important national juried show.

Expressing architecture—without straight-edge, parallel bar, or pen

Today, Goodwin is a frequently exhibited textile artist whose works have been featured in publications ranging from the Fiberarts Design Book 7 (Lark Books, 2004) to Fiberarts magazine. Her honors include the Surface Design Award at the “Art Quilts at the Sedgwick [Cultural Center]” show in Philadelphia.

Goodwin works with fabric, paint, and thread in mixed-media quilt compositions that often include collage, many fabric layers, and sheer material, as well as tiny pieces fused to the background and subtly articulated with invisible thread. She uses the three-dimensional medium of quilts—whose depth, texture, and evoked tactile memories enhance the visual impact—to express and explore architectural ideas about geometrical relationships, patterns, and ordering principles.

“Among other things, I’m fascinated with aerial views, maps, and grids,” she says. Her pieces depict imaginary and actual structures, such as Palladio’s Villa Rotunda, viewed from above. Explaining her design philosophy of “Less is more, more or less,” she says that “complexity can be good, but sometimes some of it should be stripped away in favor of the purity and simplicity of the idea.”

In her home studio, Goodwin becomes absorbed in her own work without budgets, contractors, and schedules, driven solely by her own choices, and cycling through ideas more quickly than architectural processes permit. “I also enjoy handling fabric and experimenting with it directly,” she says. “Architects hand off their specifications; we’re not out there banging nails or laying brick.”

Goodwin, who finds quilt design and construction as fully engaging as the design and study of architecture, is fervent about the future. “I want to do commissioned work to appear in public spaces. I also want to publish more. I just want to do more work!”

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

Moved to Save Lives

Retired Colonel William Wiesmann, M.D. '72, is the inventor of medical devices, such as the HemCon® bandage, that help people survive trauma, from the battlefield to the highway to the hospital.

BY LISA CARY
T
day's media is filled with daily coverage of
warfare in Iraq and Afghanistan as well as somber
commemorations of U.S. soldiers who have been
killed in the conflict. What viewers do not usually
see are encouraging statistics showing a dramatic
decrease in troop deaths due in part to the recent
use of a revolutionary new bandage developed
by William P. Wiesmann, M.D. ’72, and colleagues.

Wiesmann’s focus on battlefield survival began during
his 20-year career in medical research for the U.S. Army and
has continued since his return to civilian life in 1997. His
HemCon® (short for “hemorrhage control”) bandage has
saved lives in at least 120 documented cases in Iraq and
Afghanistan since its introduction in 2002, and it repre­
sents one of the more significant advances in battlefield
medicine since the Civil War. Uncontrolled bleeding is the
leading preventable cause of death in combat; about 50 per­
cent of battlefield deaths are due to traumatic hemorrhage.

“As an Army medical researcher, I had research money
and no boundaries or barriers as to what I studied. My
orders were simply to find ways to save lives,” says
Wiesmann. “In the 1990s, following troop deaths in Kuwait
and Somalia, we cast a wide net trying to find substances
with blood-clotting properties. We found the answer in an
old Chinese book that mentioned using shrimp shells as a
natural way to stop bleeding.”

Working with a colleague from the Oregon Medical
Laser Center in Portland, Oregon, in 2002, Wiesmann

discovered that the shrimp shell’s natural clotting substance,
chitin, could be chemically processed into chitosan, a
molecule with amazing biological properties. “The positively
charged chitosan molecules in the bandage act as a magnet
to negatively charged red blood cells,” Wiesmann explains.
“When applied, it actually bonds to a wound and stops even
severe bleeding within two minutes.”

Further, he explains, “Chitosan inhibits the growth of
bacteria by binding the organism’s outer membranes so
that it cannot reproduce, thus protecting the wound from
infection.” Perhaps most significantly, chitosan kills bacteria
that have become antibiotic-resistant, including the bacteria
that commonly cause staph infections and pneumonia.

The positively charged chitosan molecules in the
bandage act as a magnet to negatively charged
red blood cells,” Wiesmann explains. “When applied, it actually
bonds to a wound and stops even severe
bleeding within two minutes.”

Following the suc­cessful field testing
of alumnus William
Wiesmann’s HemCon
bandage, the Army
gave millions of
additional dollars to
help speed production
and make available
the bandages to
every U.S. soldier in
Afghanistan and Iraq.
In 2004, the U.S.
military named it one
of the year’s “Top 10
Greatest Inventions.”
Wiesmann's work on the HemCon bandage, completed after his retirement from the military, was financially supported by the Army. Following successful field testing and the second-fastest FDA product approval on record, the Army gave millions of additional dollars to help speed up production and make available the 4-inch-by-4-inch bandage to every U.S. soldier in Afghanistan and Iraq. In 2004, the U.S. military named it one of the year's “Top 10 Greatest Inventions.”

While the HemCon bandage has garnered him the greatest media attention, Wiesmann's aim to save lives didn’t stop there. He currently holds patents, awarded or pending, on more than 20 medical devices designed to improve survival of trauma victims in both military and civilian settings.

His curiosity and flair for problem-solving dates back to his days as a graduate student at Washington University. After earning an undergraduate degree in chemistry from the University of Cincinnati, he arrived in St. Louis with his wife, Sandy, in 1968. “Washington University was my dream school,” he says, “because of its excellent reputation for teaching students how to conduct research.”

A fellowship in the Department of Nephrology at the University’s School of Medicine was followed by a move to Washington, D.C., where he completed advanced research training as a fellow at the National Heart, Blood, and Lung Institute at the National Institutes of Health in Bethesda, Maryland. Along with the position came status as a member of the U.S. Public Health Service—just a quick signature away from being a member of the armed services. “Joining the Army was the farthest thing from my mind,” he laughs, “but it paid $200 more per month, and they promised I wouldn’t have to wear a uniform, so I joined in 1978.”

Wiesmann distinguished himself as a medical researcher for the military, ultimately becoming a senior scientist at the Walter Reed Institute of Research and the director for combat casualty care at the U.S. Army Medical Research and Materiel Command at Ft. Detrick, Maryland. He also worked with NASA, studying the effect of microgravity on the human immune system.

In 1993, Wiesmann officially stepped into the role of inventor when he applied for his first patent on behalf of the Army. Four years later, following retirement as a full colonel, Wiesmann founded a series of biotechnology companies, collectively called the BioSTAR Group, that are the vehicles through which Wiesmann collaborates with colleagues on the research and development of a wide array of new biomedical devices and techniques. Private and government sources have invested millions of dollars to help fund the results emanating from these companies. The companies include the following: Sekos Inc., developing advanced medical devices and monitoring equipment; Tissue Genesis Inc., advancing cell therapy and delivery; BioSTAR Inc., providing biomedical consulting and program management; Hawaii Chitopure Inc., producing chitosan; and HemCon Medical Technologies Inc., developing further applications for chitosan-based hemorrhage control. A nonprofit organization, The Hugh & Carolyn Shelton Military Neurotrauma Foundation for improving the outcomes of combat-related neurotrauma injuries, is also part of the fold.

Many of the medical devices developed by Wiesmann for the battlefield are now finding favor in civilian settings because their design qualities include portability, simplicity of operation, and affordability. Firefighters, paramedics, dental surgeons, and hospital emergency rooms now use the HemCon bandage and its variations. The antibacterial properties of the chitosan molecule are being studied as a solution to drug-resistant infections in humans and animals. Also, an effective but inexpensive micromechanical ventilator Wiesmann patented in 2006 is now being considered as an addition to the country's Homeland Security stockpiles for first responders.

In his “spare” time, Wiesmann chairs the scientific advisory board of the National Tissue Engineering Center, and he is a member of the University of Southern California Engineering School board of councilors, the University of Cincinnati Department of Biomedical Engineering external advisory board, and the board of trustees at Harvey Mudd College in Claremont, California. He has been published in more than 70 scientific publications and authored several book chapters.

The activity Wiesmann finds most rewarding is mentoring research students and encouraging them to gain a broad base of knowledge in their studies. Regarding his own accomplishments, Wiesmann modestly opines: “I’m not going to be a Nobel Prize winner or a professor of medicine, but I know how to seize an idea, develop it into a product, take it through due diligence and regulatory approval, then establish a company to get it manufactured so that it can help people. I’m proud to have gone the full circle.”

Lisa Cary is a freelance writer based in St. Louis.
If by chance you don't know Marie Prange Oetting well, and you get the opportunity to have a friendly conversation with her, take it. You'll learn a lot about her. Not a detailed chronicle of her life and experiences, but what makes her the kind of person she is: what motivates her, what interests her, what matters to her, and why she continues to be one of Washington University's most loyal and enthusiastic volunteers.

And, before your conversation ends, you'll realize that she has learned many of the same kinds of things about you. Marie Oetting has a way of drawing people out, and she truly enjoys getting to know them.

Marie Dorothy Prange graduated in 1949 with an economics degree from Arts & Sciences. Also graduating that year, from the School of Law, was William J. Oetting, a childhood friend. Bill had served in World War II and came back to the University to finish his undergraduate and law degrees. Bill and Marie were married in 1950. With the exception of a recall to the Pentagon during the Korean conflict, Bill practiced law in St. Louis until his death in 1994. Marie worked in the research department of the Federal Reserve Bank (thanks to her economics background) and later taught third grade for a year before settling into the role of homemaker and community volunteer. By their fifth anniversary, Marie and Bill had two sons, David and James.

“We were the first postwar class,” she says, “and we were diverse in age and experience because of the returning World War II veterans. Washington University made such a wonderful difference in my life! It was not just the education, but the lifelong friends and associations.”

She works to keep those connections alive: perhaps that’s why she and classmate John (Jack) R. Barsanti, Jr., have co-chaired their class reunions every five years, from their 5th in 1954 through their 55th in 2004. She also enjoys meeting new people who share her ties to the University. Her role as the University's overall Reunion chair for many years has provided her the opportunity to connect with members of all undergraduate Reunion classes, from the earliest to
the latest, and to share her enthusiasm and encourage them to remain engaged with the University.

Oetting’s Reunion duties are only part of her résumé as a dedicated volunteer for Washington University. Over the years, she has been influential in both alumni programming and fundraising. “When I was chair of the Alumni Board of Governors [in 2001–2002], we had to make a presentation to the chancellor about how alumni programs could be improved. I had two ideas I wanted to offer,” she says.

“First, I was particularly interested in the alumni travel program. Bill and I had been on a number of trips, and when we had a professor along, the whole experience was so much better. We learned a lot more about the places we visited. So I asked the chancellor if we could have one of our wonderful faculty members accompany some of the groups.” The tours with knowledgeable professors are now a hallmark of the successful travel program, and Oetting continues to make her own journeys of learning. Most recently, she joined the contingent from Washington University who traveled to the 2007 International Advisory Council for Asia meeting in Bangkok, Thailand.

“The other suggestion was Alumni College, which we now have on the Thursday before Reunion,” Oetting says. “Before we changed it, the alumni were getting 30-minute programs that didn’t offer much opportunity for real learning. I asked Chancellor Wrighton to look at all the people, especially older alumni, who were coming to Lifelong Learning Institute programs. They really want to keep learning.” Now, she says: “We have a magnificent program. Alumni have two course choices in the morning and two more in the afternoon. Our top professors are taking part, and about 200 alums and friends attended each half-day session this year. I think the staff members are working hard to offer meaningful experiences for our alumni.”

Marie Oetting has many deep ties to Washington University. Besides her husband and his parents, her son, Jim, was one of the School of Engineering’s first graduates in computer science in 1976. Add to that her circle of classmates, many other alumni in St. Louis, and a host of other members of the University community. It’s not surprising when she says, “Washington University has always been a big part of my life. I think there’s a family feeling here.”

As one administrator said, “Marie has answered whenever the University has called.” A prominent member of the University community, she is still a member of the Alumni Board of Governors, and she has served on the University Planned Giving Committee, the Endowed Scholarship Committee, the Dean’s Advisory Board for Arts & Sciences, and the Arts & Sciences Eliot Society Membership Committee, among others.

In the late ’70s, she was a member of the Student Life Task Force; she still focuses strongly on students and their University experiences. First with her husband and now on her own, she sponsors annual scholarships in Arts & Sciences. She endowed the William Julius and Marie Prange Oetting Scholarship in 2001. She is a Life Member of the William Greenleaf Eliot Society.

Predictably, Oetting takes a personal interest in the progress and welfare of the students who receive her scholarships. And they learn where she stands. “It’s important to educate students about the benefits of a long-term relationship with the University,” she says. “Strengthening Washington University ultimately increases the value of their degrees. The alumni who give back gain the most.”

Her lifelong career of volunteer service embraces many organizations in the St. Louis area. She has served on the boards of the Charles Home and Edgewood Children’s Home, and she recently retired from the friends board of the Missouri Historical Society. She has worked on behalf of the Saint Louis Symphony Orchestra, the Care and Counseling Center, and her church. She is a member of the board of Eden Seminary and the friends committee of the Donald Danforth Plant Science Center.

For her outstanding service to the University and her leadership in community organizations, she received the Distinguished Alumni Award at Founders Day in 1994. In 2001, Arts & Sciences also honored her with its Distinguished Alumni Award. Two years later, she was surprised to receive the Eliot Society’s “Search” Award. “I’m hardly a CEO. I think they just wanted to give it to an ordinary person to motivate others,” she says.

It’s plain to see that Marie Oetting doesn’t seek praise for her unstinting devotion to Washington University. But it’s evident she deserves the awards she’s received and more. —John W. Hansford
Countdown to Commencement

Look back. Look forward. Look out.

Seniors counted down the last 50 days to graduation with the "Final Fifty" celebration sponsored by the Alumni Association. Events began with a "Roast and Toast" on March 29 and ended with Senior Week May 8–15, a last chance to spend quality time with classmates before going separate ways. Senior Week, sponsored by the Senior Class Council, featured a float trip, a Cardinals game, Senior Night Out, Return to the Forty, and more. The countdown culminated with the Chancellor's Dinner and the Senior Gala. Welcome to our newest alumni—the Class of 2007!
Eliot Society Recognizes One of St. Louis' Leading Citizens


Charles F. Knight is chairman emeritus of Emerson, a technology-based global manufacturing company with headquarters in St. Louis. In 1973, at age 37, he was named chief executive officer of Emerson, making him at that time the youngest CEO of any billion-dollar U.S. corporation. He became chairman in 1974.

During his 27 years as CEO, Knight spearheaded Emerson's evolution from a domestic manufacturer to a leading global technology and solutions provider. Emerson's record of increased earnings per share and increased dividends for each year of Knight's term as CEO is among the longest for consistent performance in U.S. business. He stepped down as CEO in 2000 and retired as chairman in 2004.

Knight has been widely recognized for his management expertise, including in Fortune, Forbes, and numerous other business publications. He was named Chief Executive of the Year by Chief Executive magazine in 1987—the second year the publication presented the award. In 2000, he was inducted into the Junior Achievement National Business Hall of Fame.

Knight earned a bachelor's degree in mechanical engineering and an M.B.A. from Cornell University. He also received an Honorary Doctor of Science degree from Washington University. He serves on the boards of Anheuser-Busch Companies Inc. and AT&T Inc., and he has served on a number of boards including Emerson; BP, plc; IBM; Caterpillar; and Baxter International.

He served as a trustee of the Olin Foundation in New York, and was recognized as a Robert S. Hatfield Fellow in Economic Education by Cornell University.

Active in numerous St. Louis philanthropic activities for more than 30 years, he served 13 years as a trustee of Washington University. The Olin Business School at Washington University opened the Charles F. Knight Executive Education Center in 2001, recognizing his many years of support for the School and for Washington University. Together, he and his wife, Joanne, later established the Charles F. and Joanne Knight Distinguished Directorship in Executive Education.

Charles Knight chairs the National Council of the Olin Business School and serves on the National Council of the School of Medicine, where he and his wife established the Charles F. and Joanne Knight Distinguished Professorship in Orthopaedic Surgery. The Joanne Knight Breast Health Center and Breast Cancer Program were dedicated in April 2007 in appreciation of the generosity and leadership of the Knights in supporting advancements in breast cancer research, patient care, and community outreach at the Alvin J. Siteman Cancer Center.

The Knights also are launching a new initiative this year to provide long-term support to the Washington University School of Medicine to help fund Alzheimer's research.

After guiding Barnes-Jewish Hospital through a number of significant changes to better serve the health-care needs of the St. Louis community, Charles Knight was named emeritus chair for life of the institution. He served as chairman of Barnes Hospital from 1991 to 1995, helping to create Barnes-Jewish Hospital in 1992 and to engineer the formation of BJC Health System, now known as BJC Healthcare, in 1993. He served as board chairman of the BJC System from 1993 to 1998, and continued to serve on the board of Barnes-Jewish Hospital from 1996 to 1998. In 2002, Barnes-Jewish Hospital unveiled its Charles F. Knight Emergency and Trauma Center.

In addition, Knight has served as president and chairman of Civic Progress, as a trustee of the Missouri Botanical Garden and the Saint Louis Symphony, and as a member of the executive board of the St. Louis Area Council/Boy Scouts of America. He has led fundraising efforts to support the St. Louis Public Schools, the Arts and Education Council of Greater St. Louis, Junior Achievement of the Mississippi Valley, the Mathews-Dickey Boys Club, and the Annie Malone Children and Family Service Center, and he has established college scholarship programs for the economically disadvantaged.

The Knights' long history of generosity and support has had a profound impact on the St. Louis region and its people.

Chancellor Wrighton (left) presented the "Search" Award to Chuck Knight. The award is a replica of Professor Emeritus Heikki Seppä's sculpture representing the unending pursuit of truth and knowledge.

Coming Back and Giving Back Reunion 2007

A very special thank you to the undergraduate Reunion classes for their generosity. As of May 18, gifts and pledges from 2007 Reunion alumni totaled $8.3 million, surpassing last year by $1.7 million. The 45th Reunion Class of 1962 won the trophy awarded each year to the class with the greatest increase in its four-year participation average.

A record-breaking 1,526 alumni returned to the Danforth Campus for Reunions this spring. Thank you to every graduate who contributed to make Reunion 2007 a wonderful weekend and a great success! Watch for photos and more in the spring 2008 issue.
The book, a collection in which lives are not only impacted, but, in some instances, saved because they connected with the life of another, is now available on Amazon.com. All of the proceeds are being donated to a charity designed to help families with catastrophically stricken children.

Sid Schoenfeld, UC 53, GR 58, is happy to report that his grandson, Allison Hook of San Jose, Calif., has completed her freshman year in engineering at Washington University.

Ansel R. Marks, LA 49, MD 53, executive secretary of the New York Board for Professional Medical Conduct, has been awarded the John H. Clark, M.D., Leadership Award from the Federation of State Medical Boards. The award annually recognizes an individual who has demonstrated outstanding leadership, a commitment to advancing the public good, and a dedication to the field of medical licensure and discipline at the state and national level.

Hank Schreiber, EN 49, will serve as honorary chair of Ageless Remarkable St. Louis (along with his wife, Gini, and Wilma Messing) on Nov. 11, 2007. The event is hosted by St. Andrew’s Resources for Seniors and honors St. Louisans who are 75 years old and older who continue to make an impact in the community. Schreiber and his wife received the award in 2003 for their continued support and volunteer service in many community causes.


Edith M. Thias, AR 51, illustrated about 100 nature sites in Missouri for the new book, Show Me ... Natural Wonders, with written descriptions by journalist Don Corrigan and published by Reedy Press. The book gives directives to natural sites in Missouri, including places for biking, cave exploring, hiking, and horseback riding. Thias is a faculty member of St. Louis Community College at Meramec. He taught in the WUSTL School of Architecture for 15 years. The book is available in most book stores.

Harry Samuels, LA 52, has written a book, Crossroads: Chance or Destiny? Crossroads is a sequel to Samuels’ highly acclaimed Beshert: True Stories of Connections. The book, a collection in which lives are not only impacted, but, in some instances, saved because they connected with the life of another, is now available on Amazon.com. All of the proceeds are being donated to a charity designed to help families with catastrophically stricken children.

James Barbour, GR 60, co-edited a novel, Dreaming Baseball, by the late James T. Farrell, who died in 1979. Farrell’s first book, My Baseball Diary, in 1957, is considered one of the very best fan books on baseball. Though several drafts of this second baseball novel were written, it remained unpublished — until now. Barbour and co-editors Margaret Davidson and Ron Briley worked with various manuscript drafts to see Farrell’s vision to print. Barbour has written on Hemingway, Melville, baseball, and other topics.

Michael J. Keary, EN 62, received the 2007 Jack Dermody Memorial Award for Outstanding Leadership in the Downtown Partnership, based in Clinton, Iowa. According to award presenters, Keary “was influential in getting Clinton designated as a cultural and entertainment district, is a committed advocate for downtown real-estate development and the adaptive reuse of buildings, has been instrumental in getting downtown buildings listed on the National Registrar of Historic Places, and is a member of numerous partnership committees.” Keary, a retired banker and member of the board of directors of the Clinton Historical Society, is also the 2nd Ward city councilman.

Kenneth D. Makovsky, LA 62, LW 65, president of Makovsky + Company, received the 2007 John W. Hill Award from the Public Relations Society of America’s New York chapter. The Hill award, the chapter’s most prestigious individual award, is presented for leadership in the practice of public relations, demonstration of the highest standards of ethical conduct, and service to the public.

Warren K. Morgens, BU 62, LW 64, has retired from the private practice of law after more than 30 years of specializing in banking, securities, and general corporate law. Morgens, who has moved to California, writes that he has realized his longtime ambition of living within walking distance of an ocean, and that he enjoys hiking, sailing, and general outdoor activities.

Noel (King) Leicht, LA 63, had a solo exhibition of her intricate metal works displayed in the Charak Gallery at Craft Alliance in St. Louis. The exhibit, Mindscapes, featuring contemporary jewelry and relief sculpture, was written about in the St. Louis Post-Dispatch, the St. Louis American, and the St. Louis Business Journal. Leicht reviews local and national exhibitions, writes articles about metalsmithing and fine craft for national publications, and teaches metalsmithing at the Craft Alliance. She creates her award-winning work at her metal forge studio in South St. Louis.

Robert Zaller, GR 63, GR 68, professor of history at Drexel University, has published The Disorder of Happiness: A Cultural and Personal History of Modern England with Stanford University Press.

Edna (Wilke) Thayer, GN 66, and Mary Huntley co-authored a book, A Mirthful Spirit· Embracing Laughter for Wellness. The book describes the benefits of laughter for wellness with tips for maintaining mirthfulness within oneself at home, on the job, and during times of distress. It inspires readers to intentionally seek out and create opportunities for mirth and laughter. More information is available online at www.mirthfulspirit.com.

Richard K. Asami, DE 67, recently served as a dental officer with the U.S. Army in Iraq. He was attached to Company C, 1/134th Brigade Combat Team of the 34th “Red Bull” Infantry Division.

Harvey M. Tettlebaum, LW 68, GR 68, an attorney with Husch & Eppenberger LLC, was named a fellow of the American Health Lawyers Association. The association is the nation’s largest, nonpartisan 501 (c)(3) educational organization dedicated to improving the health-care field. Tettlebaum heads Husch & Eppenberger’s Jefferson City, Mo., office.

Barbara R. Amstutz, BU 50, writes about her work in Spanish, Bilingual Education in Spanish-Speaking Countries, which was published by Harvard University Press in 1984. She has also written a book, El laberinto de la huella, about her research in Peru. In addition, Amstutz has written about educational reform in Peru, and has taught at the University of Pennsylvania, University of California, Berkeley, and the University of New Mexico.
ALUMNUS AWAKENS TO EIGHT TONY AWARDS

The Tony Awards are always Broadway’s biggest night, and for one Washington University alumnus, it was a night beyond compare. Steven Sater, A.B. ’76, is writer and lyricist for the smash Broadway musical *Spring Awakening*.

Named the “Best Musical of the Year” by *The New York Times* and “The Best Musical in a Generation” by *The New York Observer, Spring Awakening* was nominated for 11 Tony Awards and won in eight categories, including Best Musical, Best Book of a Musical (written speech for Best Original Score), Best Original Score (Music and/or Lyrics) Written for the Theatre (lyrics by Sater).

*Spring Awakening* is based on the infamous 1891 Frank Wedekind play. In a December 11, 2006, New York Times article, reviewer Charles Isherwood writes: “But in exploring the tortured inner lives of a handful of adolescents in 19th-century Germany, this brave new musical, haunting and electrifying by turns, restores the mystery, the thrill and quite a bit of the terror to that shattering transformation that stirs in all our souls sometime around the age of 13, well before most of us have the intellectual apparatus in place to analyze its impact.”

In his Tony acceptance speech for Best Original Score, Sater stated: “I guess dreams really can come true. I want to say thank you to the (American Theatre) Wing and the League for this most extraordinary evening. Eight and a half years ago, Duncan (Sheik, composer), Michael (Mayer, director), and I and others, had the hearts of young people. To round out the awards, *Spring Awakening* also won Tonys for Best Performance of a Musical, Best Direction of a Musical, Best Choreography, Best Orchestration, and Best Lighting Design of a Musical.

Two other University alumni were involved with the project as producers: Pun Bandhu, A.B. ’96, of ZenDog Productions (also producer of the Tony Award-winning play *Glengarry Glen Ross* in 2005), and Terry E. Schnuck, M.B.A. ’80, of Cold Spring Productions (also producer of the Tony Award-winning play *Enchanted April* in 2003).

To round out the awards, *Spring Awakening* also won Tonys for Best Performance by a Featured Actor in a Musical, Best Direction of a Musical, Best Choreography, Best Orchestration, and Best Lighting Design of a Musical.

Kevin R. Andrews, HA ’72, has been named CEO of Pekin Hospital, a 125-bed medical center that employs about 800 people, in Pekin, Ill. Andrews has more than 30 years of health-care experience. He most recently worked as senior vice president of Quorum Health Resources Strategic Initiatives business unit. Andrews and his wife relocated to Pekin from Plano, Texas.

Larry Altman, EN ’73, was honored by the Annie Malone Children and Family Service Center in St. Louis as one of their child advocates of the year. Altman is
an attorney assisting special-needs children who qualify for services under a federal law known as IDEA. This law guarantees children who have educational disabilities a free, appropriate public education. Parents and children who qualify for these services seek Altman’s assistance to ensure that public schools comply with this law.

Sarah Lowengard, LA 75, has written a digital monograph, *The Creation of Color in 18th-century Europe*, released by Columbia University Press and the American Historical Association, as part of the 2007 Gutenberg-e titles. The collection of award-winning monographs presents a cost-effective model for peer-reviewed publication in specialized fields of research. Lowengard is a historian of technology and science in the early modern period. Information about the monograph is available at www.gutenberg-e.org.

W. E. Moerker, LA 75, EN 75, now the Harry S. Mosher Professor of Electrical Engineering, by courtesy, of applied physics at Stanford University, was elected to membership in the National Academy of Sciences.

Stanley Hazen, LA 75, a principal with Stephen Yablons Architects PLLC (SYA), is pleased to announce that the firm is one of 24 re-selected by the City of New York Mayor’s Design Excellence Initiative. Chosen from 139 applicant firms based solely upon design skill, SYA and the other 23 firms will design new municipal projects such as cultural and health-care facilities, libraries, and fire stations throughout the city until 2009. SYA originally was selected when the program began in 2005 and is one of only 11 firms re-selected for the second round of contracts.

Dixie E. Snider, Jr., HS 76, stepped down as chief science officer of the Centers for Disease Control (CDC) in June 2006, following a 33-year career there. Upon his retirement, the CDC named a conference room after him. This past fall, the University of Louisville School of Medicine gave him the Alumni Fellow Award for 2006. More recently, the CDC Epidemic Intelligence Service awarded him the prestigious Philip S. Brachman Award.

In May, the Rollins School of Public Health at Emory University named him the 2006-2007 Rollins Distinguished Alumnus.

Ken Cooper, LA 77, received a grant to be a Fulbright Scholar next year in Egypt. He will spend the spring semester in Cairo, completing a joint research project comparing the content of government-run and privately-owned newspapers in Egypt. Cairo University will host Cooper during his five-month stay there.

Lance Jackson, FA 77, presented a solo exhibition titled *Notary* at Frisson in San Francisco in February 2007. He is an adjunct professor at the California College of Art. His work is represented in collections of California Gov. Arnold Schwarzenegger and actor/comedian Robin Williams and his wife, Marsha.

Gregory W. Klemens, BU 77, was elected chief financial officer for Kellwood Co. in St. Louis. Formerly, he served as senior vice president finance and controller, a post he had held since June 2006. Kellwood Co. is a $2 billion marketer of apparel and consumer soft goods.

Bill FitzGibbons, FG 78, director of the blue Star Contemporary Art Center in Texas, is listed on the newly updated mye nastaniontonio.com as “one of the state’s most visible creators and champions of public art.” “Light Channels,” his $1.1 million project to provide corridors of light between downtown and St. Paul Square, has transformed underpasses along Interstate 37. Using more than 500 LED lights, the light-controlled displays provide a constantly changing multicolored light show at night.

Avi Lothan, LA 78, FAIA, DeStefano+Partners, served on the board for the Schuylkill Foundation Fellowship, which is administered by the Art Institute of Chicago’s Department of Architecture. As a member of the jury, he helped select a student to design an underpass for a $25,000 prize and a graduate student essay for a critical architectural writing prize of $10,000. The fellowship was endowed by Harold Schuff for the purpose of supporting young architects.

People and places.

Sean Carroll, LA 79, professor of molecular biology and genetics at the University of Wisconsin-Madison, has been elected to the National Academy of Sciences. Election to the academy is considered one of the most prestigious honors that can be bestowed upon an American scientist. Carroll, an investigator in the Howard Hughes Medical Institute, studies how genes and genetic regulation drive the development and evolution of diverse animal forms and has authored two popular science books on the subject.

Harold M. Draper, SI 79, SI 82, has taken a position with Burns & McDonnell, providing project management for National Environmental Policy Act compliance projects. He has worked for the Tennessee Valley Authority for the past 17 years.

Randal Farber, BU 80, GB 81, was named one of the “Top Lawyers” in Houston by *H Texas* magazine. The list appeared in the June issue. Farber is a partner in the business transactions section of Jackson Walker LLP, and practices primarily in the real estate, finance, and corporate areas.


Steven Beer, LA 81, is a shareholder in the entertainment practice at Greenberg Traurig LLP, an international, full-service law firm. Chambers USA, a commercial guide to superior business counsel, lists Beer within its 2006 client guide— as one of the leading attorneys within the media and entertainment field. His practice concentrates on film, television, music, and literary publications. He recently produced “Strange Culture,” which was screened at the 2007 Sundance and Berlin film festivals.

Scott C. Jones, LA 81, has been appointed medical director of BJCP Corporate Health Services. In this role, Jones oversees medical staff operations at BarnesCare and directs network physician relations for OccuMed. BJCP Corporate Health Services offers a comprehensive continuum of occupational health services to St. Louis area employers. OccuMed is a comprehensive occupational medicine network serving the greater St. Louis, southwestern Illinois, southeast Missouri, and mid-Missouri regions.

John Masck, EN 81, SI 81, is the founder and president of VIE Consultants, a firm that specializes in earthquake risk analysis, risk reduction planning, and mitigation design. He lives in Salt Lake City, Utah, with his wife, Donna, and six children: John, Michael, David, Sarah, Maximilian, and Matthew.

Deni Ann Gereghty, LA 82, received a bachelor’s degree in nursing from Louisiana State University Medical Center in New Orleans in 1985 and has worked in rural and urban hospitals, military hospitals, and HMO hospitals in high-risk labor and delivery. She now works as a regional poison center as a nationally certified specialist in poison information. Gereghty writes that she lives in a purple house with two cats, Nikki and Zoe. Gereghty has published several articles on health care and poetry and has contributed a chapter to the *LGBThealth Book*. She is working on her third novel.

Craig Deering, LA 83, AIA, has joined the Washington, D.C., office of RTKL, a leading international architectural and engineering firm, as principal. A LEED-accredited professional, he offers specialized experience in project delivery, facility security, hazardous construction, and integrating technology into buildings.

Randall Rose, EN 83, has relocated to Charlotte, N.C., to construct the Epicentre Project, a 500,000-square-foot parking, retail, and entertainment project.

Susan F. Smith, BU 83, was promoted to senior executive vice president and chief operating officer for Metropolitan National Bank, headquartered in Little Rock, Ark. In her new position, she oversees several of Metropolitan’s divisions, including planning, corporate treasury management, finance, retail banking, marketing, bank operations, and human resources.

Ed (Evan) Rendahl, LA 84, wrote a novel, titled *Un-Veiled*, released in June by Downtown Press. The book tells the story of a small-town hairdresser who keeps many secrets. *Romantic Times* says, “Anyone who’s ever confided in her hairdresser, or anyone just looking for an easy read, will appreciate Rendahl’s latest.” In honor of her novel, Rendahl launched a Web site (http://unveil­ yourself.com) that urges people to confess their secrets on video tape. Each week, Rendahl unveils a few more short videos.

Stanley Hazen, LA 85, MD 92, GM 92, has been elected into the 2007 class of the Association of American Physicians. Inductees are senior academic physicians recognized for outstanding biomedical research. Hazen is head of the Preventive Cardiology and Rehabilitation section at Cleveland Clinic’s Lerner Research Institute in Ohio.

Carl Jenkins, LA 86, has been named vice president and director of Community Investments for Harris, an integrated financial service organization. In this newly created role, Jenkins charts the direction and manages the growth of Harris’s Community Development Investment portfolio.

Steven J. Koeneke, EN 86, retired from the U. S. Air Force in March and is currently in search of service. He has settled in Southern California and opened a new office for his company, ENSCO Inc.

Maria Musolino, PT 87, was promoted to associate professor and continues as director of clinical education for the
Year-End Strategy to Receive a High Rate of Return and Charitable Deduction

See page 9

Robert S. Brookings
Year-End Strategy to Receive a High Rate of Return and Charitable Deduction

see page 9
University of Utah Department of Physical Therapy. Musolino and her maltese, Quincy, continue to enjoy hiking the Utah national parks. Musolino also serves as the representative for promotion of the American Physical Therapy Association Education Section. She remins her physical therapy alum to “give back to WUFT annually.”

**WASHINGTON PROFILE** Lori Coulter, M.B.A. ’99

**Making a Splash with Body Scanning**

*When people hear “3D body scanning,” images of MRIs and CAT scans may come to mind. But Lori Coulter has taken body-scanning technology to a new and innovative level—women’s swimwear.*

Coulter, who attended Baylor University for her undergraduate education, graduated with her M.B.A. from Washington University’s Olin Business School in 1999. Today, she is the president and CEO of Lori Coulter TrueMeasure, which she founded in August 2003. The company resides in St. Louis and leverages their unique history and heritage to meet today’s business challenges.

**James “Marshall” Boswell, GR 89, associate professor of English at Rhodes College, has received one of the college’s highest faculty honors: the Dean’s Award for Outstanding Research and/or Creative Activity, which includes a $6,000 honorarium.** Boswell has published full-length studies of writers John Updike and David Foster Wallace, as well as his own fiction.

**Andrea (Falberg) Richey, LA 89, SW 91, and her husband, Bob, announce the birth of their daughter, Lila Catherine, on Oct. 21, 2006. The family resides in Cincinnati. Andrea is a social worker with the child abuse team at Cincinnati Children’s Hospital, and Bob is a social worker with the Veterans Administration. E-mail: andrichey@gmail.com.**

**Peter Sorkin, LA 89, and Lynne (Rubenstein) Sorkin, LA 89, GA 91, announce the birth of their son, Benjamin Tyler, on Jan. 11, 2007. Benjamin joins sister, Natalie, S, and brother, Joshua, 3. The family resides in Glenview, Ill.**

**Robert Bachel, LA 90, and wife, Gislele Saralegui, have a 3-year-old son, Aleg, and 1-year-old daughter, Sabine. The family lives in Washington, D.C. Scott Zajac, TI 90, senior managing director of Advantage Capital Partners, has been honored for his support of small business financing by the U.S. Small Business Administration’s St. Louis District. Zajac was named Financial Services Champion of the Year. Chris Godlove, LA 91, celebrated a civil partnership in London Sept. 15, 2006, with his partner of 14 years, Julien Hartley. Godlove recently joined the Clinton Foundation, working on the Clinton Climate Initiative. His work focuses on helping cities around the world reduce their greenhouse gas emissions. Chris and Julien live in Washington, D.C. E-mail: chris_godlove@ yahoo.com.**

**Beth (Goodman) Maser, LA 91, has joined The History Factory as its director of business critical research. The History Factory is a heritage management firm that helps today’s leading global corporations, organizations and institutions discover, preserve, and leverage their unique history to meet today’s business challenges. Maser lives in Potomac, Md., with her husband and two children. E-mail: bmaser@history­factory.com.**

**Margaret “Peggy” Brinkmann, LA 92, LA 92, and her husband, Mark Williams, announce the birth of their twin girls, Elizabeth Harper and Virginia Rose, on May 29, 2007. The family connects with both undergraduates and MBA students by speaking to Hamilton’s classes as well as other entrepreneurship classes and seminars. She also competed in the Olin Cup in 2003 and was a top finalist. Coulter resides in St. Louis with her husband, Kelly Coulter, also M.B.A. ’99, and their 19-month-old son. And while TrueMeasure is making only swimwear and cover-ups for now, Coulter says there are plans to look into lingerie, undergarments, the bridal industry “…everything.” “There’s a really strong connection between mothers and daughters and friends,” notes Coulter, “and I think women have a neat passion for helping other women. This concept really lends itself well to that.” —Erin Fults, Class of ’08**
resides in Palo Alto, Calif., where Peggy works as a research actuary for Allstate Insurance and Mark is a graphic designer at Stanford University.

Jane "Janie" (Cohn) Burse, SW 92, and her husband, John, announce the birth of Jenna Elisabeth on Dec. 4, 2006. After working at Lutheran Family and Children's Services of Missouri for more than 15 years, Janie has decided to become a stay-at-home mom.

Tori (Libenson) Davis, FA 92, is a nationally syndicated cartoonist of the comic strip, "The Pajama Diaries." This strip was launched in 2006 by King Features and is syndicated across the country. To see her work and catch up on her life, visit www.pajamadiaries.com. Davis resides in Ohio.

Gregory Scheckler, FA 92, serves as chair of the Department of Fine & Performing Arts at the Massachusetts College of Liberal Arts, where he is associate professor of photography, making nature- and science-oriented oil paintings. With his wife, artist Laura Christensson, he is the proud caregiver for two American pied cabs in gatherer and Manhattan.

Rod Shelton, LA 92, was elected to San Diego Superior Court Bench Nov. 7, 2006. He was the first African-American attorney and the youngest attorney to win a countywide judicial election in San Diego. On Jan. 8, 2007, Shelton was sworn in as the youngest judge in the San Diego Superior Court (age 36), and he now presides over the Domestic Violence Court. Prior to becoming a superior court judge, Shelton was state's attorney in the District Attorney of San Diego from 1999-2007, where he tried serious cases including murder and rape. His last two years as a prosecutor were spent in the gang prosecution unit. Before becoming a prosecutor, he was a deputy public defender in San Diego from 1995-1999. He attended UCLA School of Law from 1992-1995. He is past president of the Earl B. Gilliam Bar Association (the African-American Bar Association in San Diego) and a member of the California Association of Black Lawyers. He and his wife, Deanna, have three children.

Ed Boltz, LA 93, and Laura Lindsey-Boltz, LA 93, announce the birth of their daughter, Elizabeth, on Feb. 22, 2007.

Ruth (Altmann) Hecht, FA 93, and her husband, Marty, announce the birth of Lily Paula on Feb. 28, 2005. Ruth is an artist, art teacher, and head of the art department at Roxycrooke School in Evanston, Ill. E-mail: gumweave@yahoo.com.

Jessica Mackta, LA 93, and Brian E. Smith were married April 21, 2007, in Asbury Park, N.J. Many WU alumni attended, including chaperone Jennifer Josephson, LA 93, and Pam (Friedman) Ollendorff, LA 93, as well as Mark Schwartz, LA 93, Rachel (Hefter) Goldstein, LA 93, Zvia Shapiro, LA 92, Greg Schoenberg, LA 91, and Alex Lea, FA 94. After Jessica received a master's degree in the history of photography from the University of Pennsylvania in 1997, she moved back to New York. Jessica and Brian work in the graphic design industry. She is in administration/operations at Two Twelve Associates, and he is an associate art director at the School of Visual Arts Press. She is chair of the NYC APAP committee and on the regional cabinet. The couple resides in Jackson Heights, N.Y. E-mail: jessmackta@gmail.com.

Richard Chua, Jr., BU 94, and his wife, Cheryl, announce the birth of their first child, Kyle Theoence, on April 19, 2007. Chua works and lives in Manila, Philippines. E-mail: richard.chua.jr@gmail.com.

Brian Kurtz, LA 94, and his wife, Mary, announce the arrival of their son, Henry Monroe Kurtz, on Feb. 28. He joins big sister, Leora Rose. Brian is an attorney with Ford & Harrison LLP, a national labor, employment, and benefits firm representing management interests. The Kurtz family resides in Oak Park, Ill., outside Chicago. E-mail: bmkurtz@fordharrison.com.

Andrew Mozina, GR 94, and his wife, Amy, recently published The Women Were Leaving the Men, a book of short stories. He is an assistant professor of English at Kalamazoo College.

William Muntean, LA 94, his wife, Carrie, and 1-year-old daughter, Megan, have moved back to Arlington, Va. Bill and Carrie are working at the U.S. Department of State after serving in the American embassies in Luanda, Angola, and London for the past five years. E-mail: bmuntean@state.gov.

Amy (Sullivan) Nordmann, LA 94, GM 99, MD 99, a three-time Division III national champion in volleyball and now a radiologist specializing in breast imaging, has been inducted into the College Sports Information Directors of America (CoSIDA) Academic All-America Hall of Fame. CoSIDA is a national association that hosts the Hall of Fame to honor former college student-athletes who have excelled in their professions and made substantial contributions to their communities. Nordmann was one of five inducted this year.

Lissa (Padnick) Silver, EN 94, and her husband, Jay, announce the arrival of twin boys, Adam and Michael, born Dec. 29, 2006. The babies also are proudly welcomed by Ilana, 6, and Matthew, 4. The family resides in Northbrook, Ill., in the Chicago area. E-mail: lissa.silver@bcglobal.net.

Mary Sparks-Hollebach, UC 94, writes that her stepson graduated from University College (architecture) in May and now there are two alumni in the family.

Meghan (Stone) Dean, LA 95, and her husband, Kyle, celebrated the birth of their daughter, Vivienne Mae, on May 12, 2007. Meghan earned an M.S.W. and works at La Rabida's Chicago Child Trauma Center providing therapy to traumatized children. Kyle works as a financial analyst at Mercer Investment. They reside in Chicago. E-mail: melizstone@cox.net.

Malini Gupta-Ganguli (Gupta), LA 95, LA 96, and her husband, Juni S. Ganguli, announce the birth of their son, Sohan R. Ganguli, born Feb. 6, 2007. Malini has accepted a fellowship appointment in the Division of Endocrinology and Metabolism at the University of Tennessee Health Science Center in Memphis, where she is completing her internal medicine residency. Juni is celebrating his 10th year as a criminal defense attorney in private practice. E-mail: malini26@hotmail.com.

Eric Heller, BU 95, has joined Expedia Corporate Travel as director of marketing. He and his wife, Jennifer (Levy), LA 95, GR 96, announce the arrival of their twins, Max and Leila. Both kids are doing great and join their 2-year-old brother, Sam. The family resides in New Rochelle, N.Y.

Hilary Kohn, LA 95, has returned home to the Midwest after two years of beautiful, warm L.A. winters." She works for the Chicago Rabbinical Council as assistant to the Jewish court.

Rebecca (Sladky) Kopka, BU 95, and her husband, Jason, announce the birth of their third son, Ryker Face Kopka, on April 12, 2007. He weighed 9 lbs., 11 oz. His older brothers are Justin, 4, and Nathan, 6. The family can be contacted at jkopka@yahoo.com.

Megan (Pfeifer) Kostal, BU 95, and her husband, Thomas, announce the birth of Emma Claire on Sept. 21, 2006. She joins her sister, Sophie Elizabeth, 3. The family resides in Chicago. E-mail: megankostal@hotmail.com.

Joshua Rednik, LA 95, and his wife, Debby (Packer), LA 95, and their two children, Sydney (almost 5) and Ethan (15 months), moved in March 2006 to South Orange, N.J. "We have made lots of Wash. U. connections as local friends and neighbors include many fellow alumni," Debby reports. She is senior regulatory counsel for KeySpan Corp. in Brooklyn, N.Y., and her husband, a certified financial planner, is a senior development executive in planned giving and endowments for UJA-Federation of New York. E-mail: redbikidd@yahoo.com.

Kurt L. Roggin, LA 95, now is the regional human resources (HR) director for Cordis EMEA, a Johnson & Johnson company. Prior to joining Johnson & Johnson, he was the HR function for Cordis in Europe, the Middle East, and Africa. He also has been selected for the global Executive Master in HR program. He is also a visiting scholar at the State University of New Jersey. The program, sponsored by Johnson & Johnson, comprises intensive academic sessions in China, the Czech Republic, India, and the United States.

Ross Shapiro, BU 95, and Rachelle (Moskowitz) Shapiro, LA 95, announce the birth of Brian Boris Shapiro on April 4, 2007. They join his brother, Justin, 2. The family resides in New York City.

Patti Bolaosch, GR 96, a teacher from Neuwoehner School/ Special School District of St. Louis County, joins 20 area colleagues as a participant in the 2007 China Mission Project. Program highlights include studying the history and culture of China in the spring 2007 semester with Professor Robert Hegel of WUSTL and other school officials. Bolaosch will make a week trip to China that included a residency at Beijing University. During the 2007-2008 school year, the teachers are developing ways to enhance cultural learning and teaching. The goal is to help teachers increase students' understanding of East Asia.

Monica Colom, BU 96, writes that she is back from her trip to Puerto Rico, working at the family business (sporting goods) and taking care of her daughters: Maya, 4, Maria Eugenio, 3, and Fia, 9 months. Colom received her B.M.A. from the University of Wisconsin, Madison, in 2002.

Brendan Gibbons, LA 96, LA 96, and his wife, Dawn, announce the birth of Rory Alan on Jan. 19, 2007. "He joins brother Quinn, 5, in assuring that either sports or cartoons will be seen on television in our home," Gibbons writes. Gibbons is a senior consultant in the global security practice at Booz Allen Hamilton. The family resides in Maryland.

Caroline (Bullock) Lyon, LA 96, and her husband, Jay, welcomed their first child, Natalie Louisa Lyon, on March 8, 2007. The family lives in South
Eric Brown, B.F.A. '99

Playing for Peace in the Middle East

Many have tried to bring peace to the Middle East. But where politicians, world leaders, and military forces have failed, Eric Brown, B.F.A. '99, has finally succeeded, at least in the gaming world. Brown is one of the founders of Impact Games, which hosts the highly lauded video game PeaceMaker.

The goal of the game is to teach players about international conflict resolution and ultimately to effect change in the Israeli-Palestinian region. Acting as either the Israeli prime minister or the Palestinian president, a player's actions have powerful consequences: bring stability to the region, or be removed from office and watch the violence unfold.

What began as a project at Carnegie Mellon University in Pittsburgh, where Brown was a graduate student, became an internationally publicized and widely acclaimed social impact game.

"It was pretty amazing," says Brown. "The publicity was astounding. It's definitely been an interesting ride."

The project was a group initiative led by the students to create a positive game about a serious issue. The Israeli-Palestinian conflict was current, ongoing, and resonated with the team of students. The game posits that a player can make a difference, and that small concrete steps are the key to the possible.

Brown and co-founder, Asil Burak, initially created the company Impact Games to ensure that PeaceMaker would be completed and commercialized.

"We took into account all the publicity and community support we were getting and didn't want it to die when we graduated," says Brown.

"Now as a company we want to impact society, and we're using video games as a positive medium to do it."

As Brown and his company reach out to the world, he recounts the impact that Washington University had on him as an undergraduate. He started out as a biology and fine art major and moved into other areas of study, such as anthropology and education. In his art studies, he immersed himself in graphic design and computer graphics, and graduated with a B.F.A. in painting.

"One of the main reasons I chose Washington U. was its strength in both academics and art," says Brown. "The combination of studies is what I use today in what I do."

Once in graduate school at Carnegie Mellon, where he earned a master's degree in entertainment technology, Brown says he was able to "get back to what I had started at Washington U."

Brown, accustomed to Washington University's environment with individuals from many different backgrounds, built on this; the game PeaceMaker pushes others to consider multiple people's perspectives and explore the complexities of a variety of issues. The game is a great tool for conflict resolution, mediation, and international diplomacy.

Brown's intent is to bring peace to Israel and Palestine through his interactive game. "But will there ever actually be peace in the Middle East? Brown is optimistic. His product has received positive feedback from international media and nonprofit organizations.

"The international publicity we get is visible support," he says, "and that gives me hope."


Mitchell Wunsh, LA 97, graduated from George Mason University School of Law in Arlington, Va., in May. In addition to classroom studies, he participated in many internships and clinics, including Legal Services of Northern Virginia and the Clinic for Legal Assistance to Service-members. Wunsh and his wife, Suriya, moved to San Francisco in August. They took a diving trip to Palau where Mitchell spent two years in the Peace Corps. E-mail: mkwunsh@gmail.com.

The challenges of running a company are hard, but the ongoing support we get exspouses to the positive side of humanity, and keeps us going."

ImpactGames was created to launch PeaceMaker, and with that success under their belt, Brown and the other team members hope to produce future titles addressing other real-time conflicts.

"We're trying to do our little part to add a new, fresh way of approaching issues."

—Erin Fultz, Class of '08
Shaw UP. spring 2008 from Florida Atlantic
spending almost three years in surgery practice in California after surgery. Pam will continue as an employment lawyer at Seyfarth and Lawrence W. Langford III were extremely fulfilling." Doezie's wife, fellowship in minimally couple lives in Chicago, but will stay in Sacramento, Calif., for a year while raising their four children. Andrea A. Endicott, BU 98, and Lawrence W. Langford III were married Feb. 24, 2007, in Eureka Springs, Ark. The Langfords reside in Collinsville, Okla., where Larry is an executive director of the Owasso Family YMCA.

Kristyl Williams, LA 98, married her high school and college sweetheart, Bart Kepley, in November 2006; they are planning a reception in North Carolina in April 2008. Kristyl is writing her dissertation in linguistics and expects to receive a doctorate in spring 2008 from Florida Atlantic University. Bart is a criminal investigator in the U.S. Army and is serving his third tour in Iraq.

Gila (Marcus) Robinson, LA 98, and her husband, Randy, announce the birth of their first daughter, Mira Gavriella, on Feb. 23, 2007. She joins big brothers Jonah and Arieh. The family just moved to the suburbs of Philadelphia.


Marlene (Skolnick) Lewis, LA 98, and Steve Lewis, LA 98, announce the birth of their son, Samuel Max Lewis, on Feb. 9, 2007. Marlene is a marketing consultant. Steve is the assistant managing editor for CNBC. They reside in Bloomfield, N.J.

Adam VanGrack, LA 98, JD 02, and Katie Bollie were married May 20, 2007, on Dauphin Island in South Carolina. In attendance were Carey Gunn, LA 95, Kinnier Lastimosa, LW 02, and Ivan Poullas, LW 02. The couple resides in Bethesda, Md., where Adam is a lawyer with Caplin & Drysdale and Kate is an environmental consultant with B2O2 Allen Hamilton.

Daniele C. (Gillespie) Burchill, LA 99, SW 00, received an LCSW in April 2007. She works for the largest community mental health organization in Oregon, called Cascadia Behavioral Healthcare, as the quality management clinical specialist. She also started a private mental health therapy practice in 2007. On Oct. 8, 2006, she married Geahk Burchill.

Together, they started a nonprofit theater troupe called the Castiron Carousel Marionette Troupe Inc. Danette is the business manager, and Geahk is the artistic director.

Ellen FieIlmann, SW 99, will new Jared Kalina in New York City on Sept. 2, 2007. Classmate Jessica Nuhbien, SW 99, and husband, Todd, will travel from Boston to attend.

Sara Gardner, BU 99, recently earned an M.B.A. from Indiana University's Kelley School of Business. She and her husband will relocate to St. Paul, Minn., where she has accepted a marketing position with Ecolab.

Earnestine (Jackson) Hackett, SW 00, has written a book, titled Propelling: A Simple and Therapeutic Mental Technique That Helps You Move Beyond Any Distressing Situation You Can't Move Beyond Independently, published by Letter to a Friend Publishing. Hackett writes, "Although the book presents a serious subject matter, the subject matter is presented in a very lighthearted, quirky, and lifestyle manner." Visit Propelling-Book.com to learn more.

Timothy A. Huff, LA 00, works in the environmental consultant industry and recently moved back to Missouri from Washington, D.C., to start a home office. He and his wife, Marissa, are expecting their second child in October 2007. Their first child, Lily Christine, was born March 29, 2006.

Alana Klein, LA 00, director of communications at Marymount Manhattan College in New York City, is engaged to Douglas Prisco, LA 98, a pulmonary fellow at Long Island Jewish Hospital. She also works as the director of public relations and marketing for Trismitter.com, an online triathlon coaching and sports nutrition company.

Sabrina Lupero, GA 00, writes that her new project is Duke Farms, a 2,700-acre estate in Hillsborough, N.J. The mission of Duke Farms is to create a model of environmental stewardship in the 21st century and inspire visitors to become informed stewards of the land. The project includes lands, agriculture, and infrastructure, plus many green elements.

Brad Noble, SI 00, associate professor of electrical and computer engineering, is the recipient of the 2007 Teaching Excellence Award at Southern Illinois University-Edwardsville. It is the most prestigious award a faculty member can receive at the university. Noble received a $2,000 prize as part of the recognition.

Hart Passman, LA 00, married Allison Vonicky in Montreal, Quebec. There were many University alums in attendance, including groomsmen Adam Vogel, LA 00, Adam Jaffe, LA 99, and Sandip Amin, BU 99, and bridesmaid Cara Passman, LA 02, who is Hart's sister. Allison, who hails from Montreal, is a 2001 graduate of Emory University. The two met at Northwestern University School of Law, from which they both graduated in 2005. The couple lives in Chicago, where Hart is an associate practicing local government and land-use law for Holland & Knight LLP, and Allison is an associate in the litigation group at Latham & Watkins LLP.

Ted Wight, GB 00, has joined the Edcomm Group as a vice president in the sales division. He previously served as director of national sales at Bankers Training and Certification Center, a subsidiary of BAI. The Edcomm Group, headquartered in New York City, is a 20-year-old multimedia education and communication consulting firm specializing in the development of creative business solutions that improve productivity, customer service, and market share.

Sandeep Aggarwal, GB 01, moved from Citygroup Investment Research to be the senior research analyst at Oppenheimer & Co. Inc., focusing on internet advertising and digital media.
Brian Curtis, EN 01, has had the opportunity to develop vision systems for the military, electronic medical record systems at Cerner Corp., hardware diagnostics for Intel Corp., and financial systems in NYC. He now has formed his own company focused on custom software development. The company's Web site, MamboBado.com, is now live.

Barth Holohan, GB 01, SW 01, president and founder of Continuum, was presented with the Champions of Older Adults Stewardship Award by SSM Health contracts and grants department, enrolled in the University of Ohio State University and the Midwest, and compassionate for older adults over 20 university departments.

Where he oversees applications from the University of Wisconsin, and he is an attorney. He is certified to teach the original, copyrighted Pilates method and specializes in the various aspects of property transactions he works for Edward Jones in St. Louis. Cody starts medical school at the University of Illinois, Chicago, in 2007.

Liu was married to the Chicago office in September. Jeffrey Rimer, EN 01, completed a doctorate in chemical engineering in October 2006 from the University of Delaware. He moved to New York in May for a postdoctoral position in the Institute of Molecular Design (Department of Chemistry) at New York University.

Vanessa Jackson, LA 01, SW 04, and Kyle Runnalls, LA 02, were married May 26, 2007, in Graham Chapel. Several alumni attended, including best man Tim Runnalls, BU 00, and maid of honor Andrea Sifferman, LA 03. The couple spent their honeymoon in the Bahamas. Kyle works for the Department of State, and the couple will reside in England for the next three years. Sharie A. Lieberfarb, SW 01, married Louis M. Schwartz on May 22, 2007, in Connecticut. The couple lives in Boston, where Sharie works as program coordinator for Jewish Big Brothers Big Sisters.

Brandon Anschultz, GF 02, was one of 18 artists chosen by the Memphis Brooks Museum of Art for the exhibit of regional contemporary art displayed at the museum June 22-Sept. 9. Anschultz also was included in Alive magazine's buzz list of 25 of St. Louis' best, but talked about visionaries, culture shapers, and influencers. Julia Dewey, LA 02, and Mark Chaney, LA 02, were married May 27, 2007, at the Whitemore House in St. Louis. The couple recently moved to Madison, Wis., where Julia is in her first year of pediatrics residency at the University of Wisconsin, and Mark is working with individuals living with disability.

Brian Doty, BU 02, graduated from the University of Chicago Law School in June 2007 and received the Doctor of Law degree. He will be working for a law firm in Chicago.

Anna MacKay, GR 04, has received the 2007 Elderhostel K. Patricia Cross Doctoral Research Grant. Elderhostel awards the $3,000, merit-based grant to a doctoral student studying education, psychology, gerontology, social work, or a related discipline, whose doctoral research will have a significant impact on the field of lifelong or later-life learning. MacKay is a doctoral student at WUSTL. Her dissertation research is focused on using attention and control training paradigms to enhance cognitive function in older adults.

Cassie Becker, LA 05, has joined Pure Pilates Plus in St. Louis as a spokesperson. She was trained by word-recognized Pilates instructor Adriana Kryzanowska and is certified to teach the original, authentic Pilates method.

Kevin Carlberg, EN 05, is in his second year of the Ph.D. program at Stanford University's Department of Aeronautics and Astronautics.

Chris Goddard, WL 05, assisted general counsel for WUSTL and adjunct professor at the School of Law, has been chosen as a co-chair for this year's juvenile defense legislation. In New York City. At Socrates Sculpture Park, he then will construct a full-size skeleton from bone discovered by the latex that was cast in New Orleans. The project will be documented by a weblog and a documentary film. For information about the project, go to takashihorisaki.com.

Zachary S. May, WL 05, has joined the Chicago office of Porcher, Nichols & Meeks, a national real-estate law firm, as an associate in the real-estate department. He specializes in the various aspects of property transactions including acquisitions and dispositions, sales, and financing.

Brian Curtis attended the master's program at Harvard School of Public Health.

Carl Schwarz, LA 05, received an M.Arch. degree from the University of Virginia, Charlottesville, in May 2007. He works for a small local firm in Charlottesville and is completing the intern development program to become licensed.

Kathryn L. Koch, EN 06, moved to New York City from St. Louis and began working for a technology company owned by two WUSTL alumni.

Jennifer Heffern, SW 05, and her husband, Kevin, announce the birth of their second daughter, Ainsley Anne, on May 18, 2006. The family resides in St. Louis, where Kevin works as a structural engineer for Horner & Shiffin, Inc., and Jennifer spends days with Ainsley and her big sister, Andrea Shifrin, BU 03, and weeks with Ainsley and her big sister, Andrea Shifrin, BU 03. The couple spent their wedding after Hurricane Katrina. He will visit New Orleans, where he lived for three years, to paint liquid latex onto the entire surface of the ground. He will carefully peel the latex off, and transport the latex "skin" to New York City. At Socrates Sculpture Park, he then will construct a full-size skeleton from bone uncovered by the latex that was cast in New Orleans. The project will be documented by a weblog and a documentary film. For information about the project, go to takashihorisaki.com.

Zachary S. May, WL 05, has joined the Chicago office of Porcher, Nichols & Meeks, a national real-estate law firm, as an associate in the real-estate department. He specializes in the various aspects of property transactions including acquisitions and dispositions, sales, and financing.

Enrollment data are from the University of Virginia, Charlottesville, in May 2007. He works for a small local firm in Charlottesville and is completing the intern development program to become licensed.

Kathryn L. Koch, EN 06, moved to New York City from St. Louis and began working for a technology company owned by two WUSTL alumni.

Ben Robinson, LA 06, and Ptera Sidoftinou, LA 06, were married June 9, 2007, in Chicago.
Many fellow alumni were in attendance. The couple resides in Boulder, where Ben is pursuing a doctorate in computer science at the University of Colorado, and Perri is completing certification for the teaching of secondary English/language arts.

Lindsey T. Grossman, LA 07, has joined APCO Worldwide in Washington, D.C., as a project assistant serving both public and private-sector clients. Her projects include government and political client work.

### In Memoriam

#### 1920s

- Bernice (Thompson) Riley, LA 28; May '07
- Louise A. (Henry) Finch, LA 29, GR 30; May '05
- Blanche M. (Fink) Hurt, LA 29; May '02
- Belle Fay (Grosby) Levin, LA 29; May '07

#### 1930s

- Alice (Arnold) Davidson, NU 32; April '07
- Leon Sosna, BU 32; May '07
- Benerece M. (Kloske) Wegman, BU 32; May '07
- Emanuel Jackoway, BU 33; May '07
- Richard F. Mason, LA 33, MD 36; April '07
- Earle E. Recklein, Jr., DE 33; April '07
- Jean (Millam) Parman, LA 35; April '07
- Harold W. Arendes, EN 37; June '07
- Walter Funk, Jr., EN 37; May '07
- Mary Elizabeth (Wilson) Ginn, LA 37; May '07
- Norman E. Tomlinson, LA 38; May '07
- Bernice Elizabeth (Bindler) Gittelmann, FA 39; Feb. '04

#### 1940s

- T. M. Graber, DE 40; June '07
- Philip W. Bernstorff, MD 41; June '07
- Lewis T. Hardy, EN 41; June '07
- D. Cramer Reed, MD 41; April '07
- Margaret C. (Foltz) Schmidt, LA 41; April '07
- Elizabeth T. Deever, NU 42; Oct. '06
- Katherine Honess (Pickens) Frein, LA 42; May '07
- Blanche Gross, BU 42; Feb. '07
- Monte L. Lopata, BU 42; April '07
- Albert J. Costa, BU 43; April '07
- Norman S. Epstein, BU 43; July '07
- Sylvia Rose (Shanfield) Siffer, LA 43; March '06
- Shirly S. (Gravel) Todorovich, UC 43; April '07
- Jane H. (Spiegel) Eakin, LA 45; June '07
- John C. Kaskie, EN 45, SI 45; March '07
- William A. Abele, MD 47; June '07
- Charles H. Dubois, Jr., LA 47; March '07
- Sarah K. (Utz) Croghan, LA 48; Jan. '07
- Charles L. Giesler, LA 48; March '07
- Harold M. Greenblatt, EN 48; April '07
- Kenrick A. Jones, EN 48; April '07
- Nanette (Meier) Lewis, LA 48; May '07
- Marvin Schuman, LA 48, GR 51; March '07
- Eugene T. Wells, GR 48; April '07
- Max Baldridge, HS 49; Sept. '06
- William J. Boschert, EN 49; Aug. '06
- Stanley A. Burris, LA 49, MD 53; June '07
- Victor H. Deliniere, LW 49; April '07
- Robert D. Katzenmeyer, AR 49; May '07
- Fred H. Moulton, EN 49; May '07
- Robert H. Terss, LA 49; April '07
- Lawrence A. Wallis, BU 49; June '07

#### 1950s

- Edward G. Nagel, Jr., GR 50; Feb. '07
- Thompson A. Noonor, Jr., BU 50; May '05
- Grace C. (Vitti) Peters, HA 50; April '07
- Robert Scharff, GR 50; May '07
- Esther M. (Lisius) Tarnay, SW 50; Feb. '07
- David M. Witten, LA 50, MD 54; May '07
- James R. Deakin, LA 51; June '07
- Geraldine N. Harris, LA 51; May '06
- Alan S. Holtz, MD 51; April '07
- Aaron M. Kram, EN 51; April '07
- Alvin J. Ufkes, LW 51; May '06
- Henry C. Bryan, Jr., LA 52, LW 56; July '07
- June W. (McGaghey) Early, BU 52; April '07
- Mordecial Simon, GR 52; May '07
- Janus R. Gates, SW 53; April '07
- William G. Filley, LA 53; Sept. '06
- A. Robert Armstein, MD 55; April '07
- Robert L. Nelson, MD 55; Feb. '07
- Beatrice Ross, UC 55; April '07
- Gerald L. Steiner, EN 55; April '07
- Preston T. Talbert, GR 55; Aug. '06
- Evan W. Williams, LA 55; Jan. '06
- Richard Binder, UC 57; April '07
- Joseph B. Bronder, GR 57; March '07
- Antonio L. Haenni, LA 57, GR 59; Oct. '00
- Margaret (Chamberlain) Hamilton, LA 57, GR 60; May '07
- Gabriel Dixon, UC 58, May '07
- Paulette (Craw) Johnson, GR 58; April '07
- Lawrence A. Malic, UC 58; April '07
- Lynne (Bland) Burke, LA 59; June '07
- Carlene (Nicholson) Juncker, FA 59; May '07
- Bennett H. Lerner, LW 59; June '07
- Jerry D. Shepard, LA 59; June '07

#### 1960s

- William D. Banks, BU 60; April '07
- Carl J. Gerber, GR 60; March '07
- Irene (Maclean) Ross, UC 60; June '07
- Lawrence D. Keenan, EN 62; Dec. '06
- Frank A. Bathe, Jr., UC 63; June '07
- Joel J. Barr, GR 67; May '07
- Jerry O. Wilkerson, GF 68; June '07

#### 1970s

- Arthur L. Gahan, LA 70; June '07
- Steven L. Mekeel, LW 70; March '07
- Frederick C. Robinson, SW 71; April '07
- Robert Bradford Robinson, Jr., UC 72; Sept. '05
- Evelyn "Linda" (Fine) Shankerberg, FA 73; June '07
- Theodore Martin Smorodin, GR 73; April '07
- Lyle J. Higgins, GB 74; Jan. '06
- Edward Stephen Slawin, GR 74; May '07
- Frederick August Meyer, GR 77; April '07
- Richard Conley, DE 78; April '07
- Robert Lester Mueller, GB 78; June '07

#### 1980s

- Christopher Osmond Jackson, LA 81; May '07
- Merrie Hevredje Clarke, LA 82; May '07
- Barbara Ann (Brown) Nute, GR 82; May '07
- Mary Jane (Callahan) Regan, GR 82; May '07
- George Randall Rosenblatt, GR 82; May '07
- Anthony J. Costa, BU 83; April '07
- Ronald James Nunes, LA 86; June '07
- Lewis Stein, LA 89; May '07

### In Remembrance

Pamela A. Barr

Pamela A. Barr, senior purchasing representative in the Division of Hematology in the Department of Medicine, died Friday, April 6, 2007, at St. Anthony's Hospice after a long battle with cancer. She was 54.

Barr, who fought cancer for 11 years, recently received recognition for working 34 years at the University by Larry J. Shapiro, executive vice chancellor for medical affairs and dean of the School of Medicine. The department held a luncheon in her honor, which drew more than 100 of her co-workers, family, and friends, said Glenda Luecke, manager of financial operations in the division.

"She was the heart and soul of this place," Luecke says. "It was the only place she ever worked. She treated every person here like they were family. "Pam was excellent at her job, but what made her so special was her interest and concern about people," says Stuart A. Kornfeld, the David C. and Betty Farrell Distinguished Professor of Medicine and co-director of the Division of Hematology. "Pam never forgot a birthday, and there was no limit to what she would do to help out a co-worker. In spite of having to deal with recurrent cancer for many years, she remained upbeat and involved with helping others."

Barr is survived by her husband, Robert A. Barr, Jr.; son, Robbie, and daughter-in-law, Anjanette; mother, Olive Ann Mauer; two sisters; a brother; and nieces and nephews.

Natalie Edison Freund

Natalie Edison Freund, an arts supporter and community volunteer, died Monday, April 9, 2007, at 2 McKnight Place extended care center in University City. She was 90.

She was active with Washington University and the Saint Louis Art Museum. At the University, she was a past member of the Alumni Board of Governors and the Sam Fox School of Design National Council. She and her husband funded the Freund Fellowship Program, a collaboration between the University and the museum for visiting artists to teach while having their work displayed. At the museum, Freund was a benefactor and a former board member.

She was born in Atlanta and moved to St. Louis with her family at age 12. Her father, Samuel
Edison, was one of the founders of Edison Brothers Stores, Inc. She attended Wheaton College in Massachusetts and then Washington University. In 1938, she married Henry L. Freund, owner of Freund Baking Co. in St. Louis. He died in 1980.

Among survivors are three sons, Michael H. Freund of St. Louis, Henry L. Freund, Jr., of Santa Barbara, Calif., and John E. Freund of Chicago; six grandchildren; a step-grandson; and four great-grandchildren.

**Albert Roos**

Albert Roos, professor emeritus of anesthesiology and of cell biology and physiology, died Tuesday, June 5, 2007. He was 92.

A native of Leiden, The Netherlands, Roos trained as a physician in Holland and the United States, but his true interest was in scientific research. He joined the School of Medicine in 1946 and remained until his retirement in 1992.

Roos was originally a fellow in cardiology, then an instructor in physiology. He became director of the thoracic physiology lab in the Division of Cardiothoracic Surgery, joined the Division of Anesthesiology, and later joined the Department of Physiology, in which he worked for the last 25 years of his career. There, he did pioneering research on intracellular pH, for which he became internationally renowned. His family reports that he often said those years were his happiest and most productive.

When he retired, he ended a 44-year grant from the National Institutes of Health, at that time the longest continuously funded research grant in the agency’s history. He taught generations of medical students, some of whom treated him in the last years of his life.

Roos is survived by his wife of 60 years, Mary Elizabeth (Lib) Roos; brother, Jacques, of France; sons, Jack and Albert; daughter-in-law, Rosalind; and three grandchildren.

**Harold Shipton**

Harold Shipton, professor emeritus of electrical engineering, died Monday, April 9, 2007. He was 86.

Shipton was a distinguished biomedical engineer who helped pioneer the electronic electroencephalograph (EEG) machine, which measures the brain’s electrical activity. He was a principal member of the team that developed the first EEG machine in the United States in 1935.

In addition to his son, survivors include his wife of 53 years, Ruth, and their wife of 53 years, Ruth, and their daughter, Rachelle, Meaghan, Emma, Gus, and Andrew.

**Samuel Isaac Weissman**

Samuel Isaac Weissman, professor emeritus of chemistry in Arts & Sciences who worked on the Manhattan Project, died Tuesday, June 12, 2007, at 2 McKnight Place. He was 94.

Born in South Bend, Indiana, in 1912, he was educated in Chicago’s public schools.

Weissman attended the University of California, Berkeley, and worked as a National Research Council fellow with physical chemist Gilbert Newton Lewis. During this time, he worked on optical properties of rare earths, laying the foundation for certain lasers and some resonant energy-transfer methods.

Weissman’s work at Berkeley was cut short by World War II. He was one of the first to arrive at Los Alamos, New Mexico, where he was assigned to work on the Manhattan Project—the development of the first atomic bomb.

According to his son, Michael Weissman, professor of physics at the University of Illinois at Urbana-Champaign, despite his father’s intimate knowledge of how to build an atomic bomb, in the Sen. Joseph McCarthy years, he was denied security clearance to do summer work on essentially non-military magnetic resonance projects at Brookhaven National Laboratory. The most serious charge was that his mother had given money to a collection for the Spanish Republican government. The security clearance was restored by 1954.

Weissman came to WUSTL in 1946. The group of six who came to St. Louis from Los Alamos—Lindsay Helmholtz, Joseph Kennedy, David Lipkin, Herbert Potratz, Arthur Wahl, and Weissman—founded the modern Department of Chemistry at WUSTL.

At the University, Weissman, in collaboration with other scientists, pioneered the use of electron spin resonance in chemistry. This developed into his primary work. Although he became an emeritus professor in 1980, until recently, he was an almost daily presence in the department, discussing research and planning experiments with colleagues and students.

Weissman was elected a Fellow of the American Academy of Arts and Sciences in 1963 and was elected to the National Academy of Sciences in 1966.

In addition to his son, survivors include his wife, Jane Loewenberg, the William R. Stuckenberg Professor Emerita of Human Values in Arts & Sciences; sister, Florence Packman of Los Angeles; and two grandsons.

**Gilbert Riley Whittaker, Jr.**

Gilbert Riley Whittaker, Jr., passed away peacefully on Thursday, June 21, 2007, after a long illness.

Whittaker was born October 8, 1931, in Oklahoma City, Oklahoma, the son of Gilbert Riley Whittaker and Melodese Kilpatrick Whittaker, who preceded him in death.

He received a bachelor’s degree in economics from Rice Institute in Houston in 1953. He was a member of the Navy ROTC, and, upon graduation from Rice, he was commissioned an ensign and assigned to the U.S.S. Iserbrook destroyer, serving in both the Mediterranean and Pacific oceans. In December 1953, while on leave from the Navy, Whittaker married Ruth Pauline Tonn at the First Presbyterian Church in Houston. The two first met at the church when attending Rice as undergraduates.

After completing his Navy service, Whittaker earned master’s and doctoral degrees in economics from the University of Wisconsin in Madison. In 1960, he was appointed to the Northwestern University faculty.

In 1966, he joined the faculty of the Olin Business School and served as associate dean until 1976. From 1976 to 1978, Whittaker served as dean of the M.J. Neeley School of Business at Texas Christian University in Fort Worth, Texas.

In January 1979, Whittaker was appointed dean of the University of Michigan Business School. During his tenure, he doubled the faculty, upgraded the curriculum, and improved the recruitment of minority students. Under his leadership, the school reached out to the business community and greatly expanded the physical facilities with the addition of the Kresge Library and the Executive Residence. In 1990, he was appointed provost and, during his five-year term, he emphasized strengthening academic programs and implanted a more demanding and thorough budget process.

In his early years, Whittaker returned to his alma mater, Rice University, to lead the Jesse H. Jones Graduate School of Management as dean. He once again took a struggling program and brought it into national prominence. He led the school to full accreditation by the Association to Advance Collegiate Schools of Business (AACSB) within his first year, recruited top-flight faculty, instituted an Executive MBA program, and was recognized by Time magazine for his achievements in minority student recruitment.

In addition to his academic career, Whittaker also served on many corporate boards including Johnson Controls, Comerica Bank, Lincoln National Corp., Westlake Chemical Corp., and several others. He was a senior adviser to the Andrew W. Mellon Foundation, and also served as chairman of The Conference of College Management Admissions Council, president of the AACSB, and as a board member of the Consortium of Graduate Study in Management and the Forum for the Future of Higher Education. He was a strong supporter of the arts.

Whittaker’s leadership philosophy could be summed up in his favorite quote: “But of a good leader, who talks little, when his work is done, his aim fulfilled, they will say, ‘We did this ourselves.’” (Chinese philosopher, Lao-tzu)

Whittaker is survived by his wife of 53 years, Ruth, and their three children: Kate Whittaker of Ann Arbor; David Edward Whittaker of Oviedo, Florida; and Thomas Gilbert Whittaker (Susan) of Ann Arbor; and also by his sister, Michael Whittaker Arike of Mamaroneck, N.Y. He also leaves five grandchildren: Rachelle, Meaghan, Emma, Gus, and Andrew.
Building a Better Balance by Expanding the Gender and Ethnic Makeup of the Faculty and Staff

BY SUSAN C. THOMSON

A new assignment was the furthest thing from Leah Merrifield's mind 2½ years ago when Chancellor Mark Wrighton dropped by her office unannounced and sat down to chat. She was content, she says, as director of community relations, a diplomatic go-between for the University on the one hand and community, civic, and governmental organizations on the other.

Yet here came Wrighton proposing that she take on something new, different, and even more challenging. His surprise visit led, she says, to "a series of conversations" that led to her appointment in mid-2005 as his special assistant for diversity initiatives, a new job not just for her.

Her appointment also signaled a new, coordinated, and university-wide approach to a mission previously the charge of the University's seven separate schools—improving the gender and ethnic diversity of the faculty and administrative staff. The schools had been pursuing this "with great resolve" and making gains, but not as many or as fast as the University had made in student admissions, says Wrighton. "My objective was to quicken the pace of progress."

He describes Merrifield as a natural for the job—"a person who is energetic and dedicated, has good ideas, and works well with people."

A casual, welcoming woman, she gestures as she speaks and leans into a conversation with a visitor to her office. This job, she confides, is all about "relationship building, partnering with other people, and recognizing no one person can do it all or should do it all." For shouldering a major share of the effort, she credits the Coordinating Council for Diversity Initiatives, also new.
Merrifield organized it, recruiting its 20 members—respected leaders, committed to diversity and willing to engage in candid discussion, she says—from across the University, at least one from each school.

Among them is Luis H. Zayas, the Shanti K. Khinduka Distinguished Professor of Social Work and director of the Center for Latino Family Research in the George Warren Brown School of Social Work.

He knew from Wrighton's oft-spoken commitment to diversity that this new undertaking was serious, he says. "I wanted to be part of it."

One of the council's first orders of business was amassing data, comparing Washington University with similar universities in their percentages of female and under-represented minorities in the faculty and administrative ranks. The results revealed Washington University to be "in the middle of the pack," Merrifield says. "For us, though, that was not satisfactory."

She and council members interviewed deans about their diversity efforts. "We asked them what they were doing, what they would like to do, what they had tried, what worked, what didn't work," she says.

Merrifield was also outstanding at soliciting from council members themselves "bold ideas" for what might work, Zayas says. "She's been very good at making people feel comfortable and bringing everyone into the fold."

Several ideas the council gathered and generated already have become action items. Search committees are being trained in ways to make applicant pools more diverse. Special social events have been held for minority faculty members so that they can come to know one another better. Contacts are being made across the country with organizations that might be sources of outstanding female and minority job candidates. In the works is a "recruiting consortium" through which Washington University and other colleges, universities, and cultural institutions in the region would share information on job possibilities for the spouses or partners of people they are seeking to hire.

"I can see already interesting and important things happening," says Wrighton, pleased with results so far. "Still," he cautions, "this is a long-term project and one that will require an enduring commitment." Merrifield also takes a long and patient view, declining to get distracted by small changes. "We periodically look at the numbers, but we don't fixate on them on a year-to-year basis," she says. "Numbers aren't what this is all about."

What this is all about is evolving the University's faculty and administration "to better reflect the students we serve," she says. "The more diverse the population of people studying, teaching, and doing research here, the better the University becomes."

Merrifield says she keeps her schedule flexible, allowing for early mornings and late nights when she's needed. "One of the things I've learned in this job is people want your ear," she says. "I think it's important to hear from everybody." "She'll meet with anyone, anytime," says her assistant Jill Edwards, who also marvels at Merrifield's ability to "keep a lot of things going at one time" and still always seem perfectly relaxed.

Merrifield's job also requires some out-of-town travel to keep up with diversity developments in industry and at other universities. For all of those professional demands, she also finds time to read four to five newspapers a day either online or in hard copy, belong to two book clubs, and travel for pleasure.

A Chicagoan by birth, Merrifield holds a bachelor's degree in business from Illinois Wesleyan University and a master's degree in higher education administration from the University of Texas. Her first job out of college was in the insurance industry. Her second—after she married Lloyd Winston, who became Washington University's assistant basketball coach—was at the University, as an academic advisor to undergraduate business students.

She left after a couple of years to become, for a decade, "an accompanying spouse," working at Georgia State University in Atlanta and then Southwestern University in Georgetown, Texas, while her husband coached at colleges in those areas. His career change from coaching to teaching brought them back to St. Louis in 1996 and her back to the business school, advising graduate students this time. She did that for four years before moving on to the community relations job.

Winston is now a reading specialist at Ladue High School in suburban St. Louis. He and Merrifield have one child—a daughter, Rachel Winston, 19, who is a sophomore at Davidson College.  

Susan C. Thomson is a free-lance writer based in St. Louis.
Softball Seniors Celebrate On and Off the Field

In bottom photo, Chancellor Mark S. Wrighton (left) held a special graduation ceremony on May 24 for five seniors—(from left) Erin Wolf, Laurel Sagartz, Abby Morgan, Jamie Kressel, and Carrie Jarka, who missed Commencement on May 18 playing in the NCAA Division III College Softball World Series in Salem, Virginia. The players led the Lady Bears softball team to a second-place finish at the World Series, its highest-finish in school history. They also led the team to a 35–7 overall record, a fourth straight University Athletic Association championship, and its first regional championship.