

Washington University School of Medicine

Digital Commons@Becker

Washington University Record

Washington University Publications

4-19-2007

Washington University Record, April 19, 2007

Follow this and additional works at: <https://digitalcommons.wustl.edu/record>

Recommended Citation

Washington University Record, April 19, 2007. Bernard Becker Medical Library Archives.
<https://digitalcommons.wustl.edu/record/1106>.

This Article is brought to you for free and open access by the Washington University Publications at Digital Commons@Becker. It has been accepted for inclusion in Washington University Record by an authorized administrator of Digital Commons@Becker. For more information, please contact vanam@wustl.edu.

Record

April 19, 2007

record.wustl.edu



Washington University in St. Louis



WUSTL representatives (back row from second to left) Kristopher Kelley, Kate Burson, Teresa Wallace, Kenneth A. Harrington, Yiping Chen and Russell Kohn interact with children at Mahabo Commune in Madagascar.

Mahabo: Madagascar commune conditions improved by students

Five students and one faculty member boarded a plane for Madagascar in March, but they weren't looking for exotic beaches.

They were headed to the remote Third World Mahabo Commune to assess the impact of economic development. The voyage to the commune on the southeastern edge of Madagascar, an island nation southeast of Africa in the Indian Ocean, was the second step in an ongoing effort by WUSTL students to create ideas that might result in solutions to some of the world's most challenging problems.

The purpose of the trip was to balance economic, social, environmental and political factors in a 10-village area that includes about 9,000 rural Malagasy people.

Getting involved

The School of Law and the Skandalaris Center for Entrepreneurial Studies got involved when the Missouri Botanical Garden asked for ideas. The garden has been involved in

Madagascar for several years through its Center for Conservation and Sustainable Development.

For the past four years, the garden has increased its connections with the Mahabo Commune. The garden's efforts have created more than 20 jobs, built a library, developed a plant nursery, constructed buildings and developed relationships with local leaders that have helped restore the endangered littoral forest and its lemurs.

Despite their success, garden workers realized they needed economic growth for these gains to be sustained.

The first goal was to marry conservation aims with sustainable economic growth to improve the quality of life in Mahabo.

The second goal was to get perspectives that might lead to replicable approaches that could be applied in other Malagasy villages with similar environmental and economic issues.

See Mahabo, Page 6

Drugs for Parkinson's may ease stroke-related disability

By MICHAEL C. PURDY

Scientists have untangled two similar disabilities that often afflict stroke patients, revealing that one may be treatable with drugs for Parkinson's disease.

School of Medicine researchers showed that stroke damage in a brain region known as the putamen is strongly linked to motor neglect, a condition that makes patients slow to move toward the left side.

Like stroke patients with motor neglect, Parkinson's patients also are slow to initiate responses involving movement. Scientists attribute this deficit in Parkinson's disease to loss of neurons that use the neurotransmitter dopamine to regulate activity in the putamen.

"Earlier attempts to treat stroke patients with [motor] neglect with dopamine-like

compounds have produced mixed results," said lead author Ayelet Sapir, Ph.D., postdoctoral researcher in neurology. "It's possible, though, that those unfavorable outcomes resulted from an inability to identify the patients most likely to benefit from the intervention. Our data indicate that patients with damage to the putamen may respond differently to this treatment than patients who have neglect from stroke damage to other parts of brain."

Sapir describes the research, which appears in *The Journal of Neuroscience*, as part of a broader effort to precisely determine how strokes in different parts of the brain's right hemisphere affect patients. She and others want to closely link damage in a given right-brain region to a particular set of symptoms.

"This approach has been

See Drugs, Page 6

A&S adds 3 Udall, 3 Goldwater scholars

By GERRY EVERDING

Arts & Sciences undergraduates made another impressive showing in their annual quest for prestigious national scholarships and fellowships, including three students receiving the Barry M. Goldwater Scholarship and three receiving the Morris K. Udall Scholarship for the 2007-08 academic year.

Recently, two students were named recipients of the Harry S. Truman Scholarship (see story in April 5 print Record and in April 2 Record Monday at record.wustl.edu).

WUSTL had two honorable mentions, one each in the Goldwater and Udall scholarship competitions.

"Washington University's combined success in the Truman, Udall and Goldwater scholarship competitions is very significant since these are the three major national scholarship competitions for non-seniors," said Ian MacMullen, Ph.D., assistant dean in the College of Arts & Sciences.

"Being selected for two Trumans, three Udalls

(plus one honorable mention), and three Goldwaters (plus one honorable mention) puts us right at the top of any 'league table' of American universities this year," MacMullen added.

MacMullen noted that the University is one of only four universities to win three Udall Scholarships this year.

Udall Scholarship winners are Emily Dangremond, a junior majoring in environmental studies and Spanish; Paul Moinester, a junior majoring in political science and in environmental studies; and A.J. Singletary, a junior majoring in earth and planetary sciences and minoring in environmental studies and ballet. Kelley Greenman, a sophomore majoring in environmental studies, received an honorable mention.

Moinester and Singletary also are recipients of 2007 Truman scholarships.

"I congratulate Emily, Paul, A.J. and Kelley on their recognition by the Udall Foundation," MacMullen said. "They are outstanding young environmentalists, and they collectively represent an area of extraordinary academic strength at Washington University."

Goldwater Scholarship winners are Kevin M. Mercurio, a junior majoring in physics; Eric R. Wofsey, a junior majoring in mathematics; and Dafang Zhang, a sophomore majoring in chemistry and in philosophy. The honorable mention is Aashish Manglik, a junior majoring in biology.

"Kevin, Eric, Dafang and Aashish fully deserve their success in the Goldwater Scholarship competition," MacMullen said. "They are all deeply committed to pursuing scholarly careers in science or mathematics, and they evidently have the gifts to help shape the future of their respective fields."

The Goldwater is considered one of the most prestigious awards for undergraduates planning careers in the sciences, engineering or math. It covers as much as \$7,500 annually toward tuition, fees and books in their junior or senior year.

Virtually all of the Goldwater Scholars say they intend to earn doctorates.

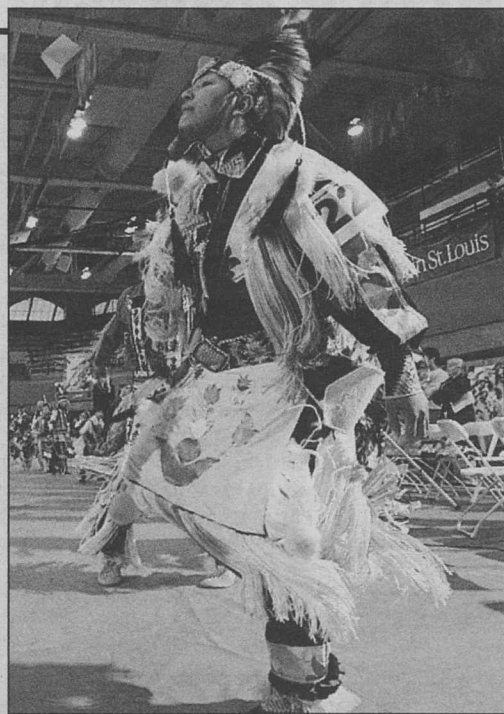
The U.S. Congress established the Barry M. Goldwater Scholarship and Excellence in Education Foundation in 1986 to honor Sen. Barry M. Goldwater, who served in the Senate for 30 years.

The Goldwater foundation, a federally endowed agency, awarded 317 scholarships for the 2007-08 academic year, selecting recipients on the basis of academic merit from a pool of 1,110 undergraduate sophomores and juniors nominated by the faculties of colleges and universities nationwide.

Udall scholarships are granted to those who demonstrate a commitment to fields related to the environment or to Native American or native Alaskan students in fields related to health care and tribal public policy.

It covers tuition, fees, books, and room and board

See Scholars, Page 6



Grand entrance Chris Knoxsah of the Prairie Band Potawatomi Nation in Kansas joins the grand entrance of the 17th annual Pow Wow at the Athletic Complex April 14. The Pow Wow, sponsored by the Kathryn M. Buder Center for American Indian Studies, various University departments and groups from around St. Louis, capped off American Indian Awareness Week, which featured a presentation on American Indian mascots in sports and a traditional food tasting.

Women's Society honors Switzer for years of service

By ANDY CLENDENNEN

The Women's Society of Washington University's (WSWU) annual membership meeting took on added poignancy this year.

Harriet K. Switzer, Ph.D., secretary to the Board of Trustees since 1980 and University coordinator of the society since 1986, is retiring from the University June 30. She was recognized at the society's April 11 meeting in the Ann W. Olin Women's Building Formal Lounge.

"For exactly half of our existence, Harriet has been our guide, mentor, advocate, colleague and friend," said Kim Eberlein, president of the society, which was founded in 1965. "When Chancellor [William H.] Danforth asked her to assume this role in

1986, he could not have made a more astute choice. No doubt he recognized several essential qualifications, which have been invaluable to Harriet's success and, in turn, to that of the Women's Society."

Eberlein continued, "Her interest in promoting the growth of women, her consummate scholarship and her exceptional leadership skills has each been critical to the evolution of the Women's Society over the past two decades, a period in which the role of women in society has been in a continual state of flux."

In recognition of Switzer's legacy of leadership, the society honored her with an endowment campaign to add to the scholarship fund toward the goal of

See Switzer, Page 6

Jeff Pike named first Hitzeman professor of art

BY LIAM OTTEN

Jeff Pike, dean of the College of Art and the Graduate School of Art, has been named the first Jane Reuter Hitzeman and Herbert F. Hitzeman Jr. Professor of Art in the Sam Fox School of Design & Visual Arts, according to Carmon Colangelo, the E. Desmond Lee Professor for Collaboration in the Arts and dean of the Sam Fox School.

The professorship was made possible by a gift from Jane Reuter Hitzeman and Herbert F. Hitzeman Jr., both of whom hold degrees in art from the University. A formal installation ceremony took place Feb. 27 in Whitaker Hall.

"I am delighted and honored that Jane and Herb Hitzeman have extended their generosity to include the gift of a professorship in the Sam Fox School," Chancellor Mark S. Wrighton said. "In many ways, their strong support and dedication to the University throughout the years have touched every person here. Their commitment to our teaching and research mission will have an impact for generations to come."

"This professorship is very special because it has been awarded to the dean of the College and Graduate School of Art, and I am very pleased that the inaugural holder is a person of such accomplished creativity and leadership," he added.

"Jane and Herb Hitzeman have dedicated their lives to education," Colangelo said. "They have aided and influenced generations of St. Louis students and educators, from kindergarten and elementary school all the way to the university level. Their love and dedication to the arts make it particularly appropriate to bestow this professorship on Jeff Pike, whose skills and accomplishments place him among our most distinguished faculty."

Herb Hitzeman served as chief architect of the University's advancement programs — including development, alumni relations and public relations — for 24 years. Under his leadership, the University raised more than \$1 billion in gifts, tripled alumni participation and dramatically increased both national and international visibility.

Herb and Jane met as students in 1950 and married two years later. Herb earned a bachelor of

fine arts in 1953 and began working in the merchandising department of Anheuser-Busch Cos. Inc., winning a Sylvania Award for Showmanship in Advertising the following year. Jane taught kindergarten classes as well as art to grades 1-6 at a private school while completing her undergraduate degree.

In 1956, Herb joined the family contracting business but returned to campus in 1966 to staff the "Seventy by 'Seventy" fundraising campaign. That same year, Jane joined the Parkway School District, teaching art in the elementary and secondary schools, and later was appointed art supervisor for the district. There, she developed innovative teaching methods utilizing the five basic elements of design — line, shape, color, texture and form — as the essential language for art instruction at all ages and levels of development.

In 1968, Herb was named director of the Seventy by 'Seventy campaign, which reached its \$70 million goal a year ahead of schedule. In 1969, he was promoted to associate vice chancellor and in 1973, launched a \$120 million campaign that was completed two years ahead of schedule. In 1975, he became vice chancellor for University relations and spearheaded a variety of initiatives, establishing a network of alumni chapters, the Parents Council, the Commission on the Future of Washington University and the National Council advisory system. In 1983, he launched the Alliance for Washington University, which raised \$630.5 million — then a record for a single American university campaign. He retired in 1990.

Jane earned a master of arts in education from the University in 1972 and began teaching in the Graduate Institute of Education. She also began conducting workshops and seminars for The Learning Center, the Parkway School District, the St. Louis Suburban Teachers Association, numerous parents groups and other organizations. In addition, she developed a K-3 curriculum for the Saint Louis Art Museum's education department. She retired in 1985 and continues to create her own artwork, exploring the



Jeff Pike (right) greets Herbert F. Hitzeman Jr. at the installation ceremony. Jane Reuter Hitzeman is to her husband's left.

use of paper as a sculptural medium and producing two-dimensional designs for a variety of projects.

As fellows of the William Greenleaf Eliot Society, the Hitzemans remain active in University programs, sponsoring The Jane Reuter Hitzeman Scholarship in Art. The University dedicated the Herbert F. Hitzeman Jr. Residence Hall in Herb's honor and in 2005, established the Herbert F. Hitzeman Jr. Leadership Award, given annually to a resident of the HIGE Residential College.

Jeff Pike

Pike earned a bachelor of fine arts from the Kansas City Art Institute in 1976 and a master of fine arts in visual communication from Syracuse University in 1978. Before coming to the University in 1983, he founded the advertising program at Cazenovia College in New York and taught at the Swain School of Design in New Bedford, Mass., and the Philadelphia College of Art.

In 1984, Pike re-launched the University's illustration program, which he continued to direct for the next decade. In 1993, he was appointed associate dean of art, responsible for the undergraduate program.

As dean of art since 1999, he has helped integrate digital media into all curriculum areas while leading a range of interdisciplinary initiatives, notably with ar-

chitecture, business and engineering. Other initiatives include reorganizing the Graduate School of Art, establishing a new master of fine arts degree in studio art and creating tenure-track positions in the undergraduate core program, as well as supporting creation of the Visual Communications Research Studio, the Portfolio Plus high school summer program, the Modern Graphic History Library and a semester abroad studio in Florence, Italy.

As an illustrator, Pike has

worked with major clients and advertising agencies, ranging from Anheuser-Busch; Ralston Purina Co.; and Southwestern Bell Yellow Pages to Monsanto Co.; D'Arcy, Masius, Benton & Bowles; and SSM Health Care-Cardinal Glennon Children's Hospital. His work has been recognized in Print, Art Direction, Creativity and Adweek magazines and won two ADDY Awards from the American Advertising Federation.

The Sam Fox School of Design & Visual Arts

The Sam Fox School, which began classes in fall 2006, aspires to become a national model for the creation, study and exhibition of multidisciplinary and collaborative work. The five-building, \$56.8 million complex includes two new buildings designed by world-renowned architect Fumihiko Maki.

The College of Art dates to 1879, making it the first professional, university-affiliated art school in the United States. In the 1940s, its broad-based core program helped set standards for what would become the bachelor of fine arts degree. In the past decade, design faculty have won numerous professional honors, while fine art faculty have been featured in more than 100 solo exhibitions and 300 group shows on five continents.

Henry Louis Gates Jr. to speak for chancellor's conference

BY ANDY CLENDENNEN

Henry Louis Gates Jr., Ph.D., the Alphonse Fletcher University Professor at Harvard University, will deliver the keynote address for the 12th annual Chancellor's Fellowship Conference at 2 p.m. April 26 in Graham Chapel.

The talk is free and open to the public.

Gates, also director of the W.E.B. Du Bois Institute for African and African American Research at Harvard, will talk on "African-Americans and Documentary Film."

He will be joined by Gerald L. Early, Ph.D., the Merle Kling Professor of Modern Letters; professor of English, of African & African American Studies and of American Culture Studies; and director of The Center for the Humanities, all in Arts & Sciences.

A question-and-answer session will follow the talk, which is co-sponsored by The Center for the Humanities.

A pioneering scholar of African and African-American literature, Gates is considered one of the nation's foremost cultural critics and a pre-eminent public intellectual.

Gates graduated summa cum laude from Yale University in 1973. He won an Andrew W. Mellon Fellowship to study at Clare College at the University of Cambridge in England, where in 1979, he became the first black American to earn a doctorate.

In 1980, as assistant professor at Yale, he launched the Black Periodical Literature Project, devoted to studying African-American newspapers published in America from 1827-1940.

The following year, he received a \$150,000 MacArthur Fellowship — or "genius grant" — which culminated in his re-discovery and re-publication, in 1983, of Harriet E. Wilson's "Our Nig; or, Sketches

From the Life of a Free Black" (1859), the first novel published in the United States by an African-American.

Over the next several years, Gates helped to define an African-American literary canon through a series of books, notably "The Signifying Monkey: A Theory of Afro-American Literary Criticism" (1988), winner of the 1989 American Book Award.

Gates has written widely on the contemporary African-American experience in books such as "Colored People: A Memoir" (1994) and "The Future of the Race" (with Cornel West, 1996), as well as in "Thirteen Ways of Looking at a Black Man" (1997), a collection of magazine profiles.

In 1997, Gates was voted one of Time magazine's "25 Most Influential Americans."

Other projects include developing and hosting a series of documentaries for PBS, most recently "African American Lives" (2006), in which he traces the family trees of nine prominent African-Americans, including himself. He is working on a four-hour sequel.

His most recent book, published in January, is "Finding Oprah's Roots: Finding Your Own." A corresponding one-hour documentary first aired on PBS in late January and covered the genealogical and genetic heritage of Oprah Winfrey.

In 2006, Gates received an honorary doctor of humane letters from the University.

The annual Chancellor's Fellowship Conference is part of the Chancellor's Graduate Fellowship Program, which supports training for students who will contribute to diversity in graduate education and who are interested in becoming college or university professors.

For more information, call 935-6821.

McDonnell Academy, Eisenhower Fellowships partner in new program

BY NEIL SCHOENHERR

The McDonnell International Scholars Academy has partnered with Eisenhower Fellowships, a non-partisan, non-profit organization headquartered in Philadelphia, to launch a new international leadership program in St. Louis.

The St. Louis International Leadership Initiative will identify emerging local leaders and send them abroad to enhance their professional and personal growth, broaden their international perspectives and serve as U.S. ambassadors.

The initiative also will expand the number of international Eisenhower Fellows who regularly visit St. Louis.

"The St. Louis International Leadership Initiative gives Washington University and the St. Louis community an important new way to connect with the international scene," said James V. Wertsch, Ph.D., the Marshall S. Snow Professor in Arts & Sciences and director of the McDonnell Academy.

"By partnering with this group, we will be able to help bring more international guests to St. Louis and send more St. Louisans to other regions of the world," Wertsch added. "It's an exciting time to be finding new ways to work with partners in the United States and the rest of the world as we build the McDonnell International Scholars Academy here at Washington University."

Chancellor Mark S. Wrighton and John F. McDonnell, vice chairman of the Board of Trustees, will co-chair a local steering committee that will recommend a roster of candidates each year based on the professional fields they determine to be critical to the region's future. Sen. Christopher "Kit" Bond, R-Mo., will serve as honorary chairman.

The initiative brought 11 international Eisenhower Fellows to St. Louis last week to engage with McDonnell Academy Scholars, the broader University and the local business community. In addition to visits to the Skandalaris Center for Entrepreneurial Studies, the Genome Sequencing Center and the Boeing Leadership Center, the fellows had individual professional appointments throughout the St. Louis area.

For more than 50 years, Eisenhower Fellowships has been a leader in promoting international understanding and developing individual leaders throughout the world. Each year, approximately 55-60 fellows join the group. The organization has sponsored fellows from more than 100 countries.

Headquartered at the University, the McDonnell Academy enrolls exceptional graduate and professional students from Partner Universities across all graduate disciplines and professional schools at the University.

These future leaders have all expenses toward their degree work paid, including tuition, room, board and travel.

The McDonnell Academy not only provides them rigorous graduate instruction in their chosen areas of study, but also uniquely steeps them in a cultural, political and social education program designed to prepare them as future leaders knowledgeable about the United States, other countries and critical international issues.

In addition to its program for scholars, the Academy collaborates on initiatives such as the St. Louis International Leadership Initiative and sponsors events such as the International Symposium on Energy and Environment May 4-7.

For more information, visit mcdonnell.wustl.edu.

School of Medicine Update

Schizophrenia patients' siblings subject of study

BY JIM DRYDEN

Investigators at the Silvio Conte Center for the Neuroscience of Mental Disorders at the School of Medicine are recruiting schizophrenia patients and their siblings for a study to determine whether subtle differences in brain structure can predict who is at risk for developing the illness.

In a study funded by the National Institute of Mental Health, the researchers take MRI scans of the brain and convert those images into 3-D models of brain geometry. Called high dimensional brain mapping (HDBM), the technique allows the scientists to detect small differences in brain anatomy that may help predict the risk of developing mental disorders.

John G. Csernansky, M.D., the Gregory B. Couch Professor of Psychiatry and Neurobiology and director of the Conte Center, compares brain-structure analysis to looking at a damaged car.

"In the past, the limitations in our ability to analyze brain images made it necessary for the car to be missing a door or an entire fender before we could spot a difference," he said. "We now have the ability to see scratches in the paint or hail damage — things that were undetectable before."

Working with C. Robert Cloninger, M.D., the Wallace Renard Professor of Psychiatry and professor of genetics, Csernansky and his team are studying patients just diagnosed with schizophrenia and their siblings who also are at risk for developing the disorder. In theory, family members at risk may have the same changes in brain structure and function as their affected siblings. The researchers want to clarify which markers of brain structure and function are most closely related to risk.

By identifying brain differ-

ences that increase risk, Csernansky said he believes it eventually may be possible to start treatment more quickly, perhaps even before full-blown psychotic symptoms, such as hallucinations and delusions, occur.

About 1 percent of the general population suffers from schizophrenia. Even after the initial symptoms of psychosis are treated with medication and psychotherapy, patients can relapse. And with each relapse, the patient's condition can get worse. Between 10 percent and 15 percent of patients have frequent relapses. Even the best possible outcome — no future relapses of psychotic symptoms — still requires patients to take antipsychotic medications for the rest of their lives.

Early diagnosis and intervention with the most effective antipsychotic medications and psychotherapies may offer the most hope for patients with schizophrenia and their families. Taking advantage of advances in recent research, the Conte Center also has initiated the First Contact Program, which offers assessments and treatment planning to people who may be experiencing early symptoms of a psychotic illness, such as unusual perceptions, inability to concentrate, sleep disturbances, or chronic anxiety and irritability.

Often, individuals with these symptoms also may have a family history of schizophrenia or other psychotic disorders.

Participants in Conte Center research projects must be 9-30 years old. One person must have experienced psychotic symptoms and have a sibling in the same age range willing to participate. Study subjects cannot be recent, regular users of drugs or alcohol and must be in generally good health with no past history of seizures or serious head injury. They will be asked to provide a brief medical history and psychiatric and medical screening tests. All participants will receive free clinical and cognitive evaluations and MRI scans.

For more information or to volunteer, call the Conte Center at 747-2162 or (888) 747-2162.



Csernansky



Sign of good health Dashia Harris, a graduate student in the Program in Occupational Therapy, talks with a senior adult about managing daily activities for healthy aging at an activities fair March 28 in the St. Louis Naturally Occurring Retirement Community at the Jewish Community Center. Occupational therapy students provided information on activities such as gardening, dancing, transportation, computer use and St. Louis leisure on a budget.

Omega-3 fatty acids in fish oil studied for impact on Alzheimer's disease progression

BY DIANE DUKE WILLIAMS

Nutritionists long have endorsed fish as part of a heart-healthy diet, and now, some studies suggest that omega-3 fatty acids found in the oil of certain fish may also benefit the brain by lowering the risk of Alzheimer's disease.

In order to test whether docosahexaenoic acid (DHA), an omega-3 fatty acid, can impact the progression of Alzheimer's disease, researchers at the School of Medicine and Saint Louis University School of Medicine (SLU) will evaluate DHA in a clinical trial sponsored by the National Institute on Aging (NIA).

The local effort is part of a nationwide consortium of leading Alzheimer's disease re-

searchers supported by the NIA and coordinated by the University of California, San Diego. The trial will take place at 52 sites nationwide. It seeks 400 participants age 50 and older with mild to moderate Alzheimer's disease.

Joseph Quinn, M.D., associate professor of neurology at Oregon Health and Science University, is directing the national study. James Galvin, M.D., MPH, at the medical school, and George Grossberg, M.D., at SLU will conduct the study locally.

Researchers primarily will



Galvin

evaluate whether taking DHA for many months slows both cognitive and functional decline in people with mild to moderate Alzheimer's. During the 18-month clinical trial, investigators will measure the progress of the disease using standard tests for functional and cognitive change.

"Evidence to date in various research studies that have examined the effect of omega-3 fatty acids on Alzheimer's disease merits further evaluation in a rigorous clinical trial," Galvin said. "Our hope is that we may find out that DHA plays a role in slowing the progression of this destructive disease."

In recent European studies and the Framingham Heart Study, scientists reported that people with the highest blood levels of DHA were about half as likely to develop dementia as those with lower levels.

"Study volunteers will be critical to helping us find out if DHA can make an impact on the disease process," Grossberg said.

For the clinical trial, the Martek Biosciences Corp. of Columbia, Md., will donate a pure form of DHA made from algae devoid of fish-related contaminants. Participants will receive either two grams of DHA per day or an inactive placebo pill. About 60 percent of participants will receive DHA, and 40 percent will get the placebo. Doctors and nurses at the 52 research clinic sites will monitor the participants in regular visits throughout the trial. To ensure unbiased results, neither the researchers conducting the trial nor the participants will know who is getting DHA and who is receiving the placebo.

In addition to monitoring disease progression through cognitive tests, researchers also will evaluate whether taking DHA supplements has a positive effect on physical and biological markers of Alzheimer's, such as brain atrophy and proteins in blood and spinal fluid.

To learn how to participate in the study, call 286-2683 at the medical school or 268-5385 at SLU.

Dobbs develops treatment for foot deformity

BY BETH MILLER

Children born with a foot deformity that causes them to have a rigid flatfoot once faced extensive surgery to fully correct the problem. A treatment developed by Matthew B. Dobbs, M.D., a pediatric orthopaedic surgeon at the School of Medicine, has shown early success in correcting congenital vertical talus (CVT) with minimal surgery in most cases.

Congenital vertical talus, or "rocker-bottom flat foot," occurs in about 1 in 10,000 live births. Left untreated, the patient would walk on the inside of the ankle rather than the bottom of the foot, resulting in pain and disability. CVT afflicts both otherwise healthy children and those with genetic birth defects and neuromuscular disorders.

Dobbs, associate professor of orthopaedic surgery, developed a treatment for CVT that involves gently manipulating the foot and applying long leg casts weekly for four to six weeks to gradually correct the deformity. After the casting period, Dobbs and his colleagues take an X-ray to determine the success of the correction.

"Much of the correction is achieved with casting alone," Dobbs said. "In the cases where we are not able to reach full correction with casting, we reach the rest of the correction with

a minimally invasive surgery. This type of surgery is very small compared to the extensive release surgery that has been done in the past."

In the minor surgical procedure, Dobbs inserts a small pin into a joint in the foot where it meets the ankle to hold the correct position for about two months. After the casting treatments or the surgical pinning, CVT patients wear a nighttime brace for several years to prevent recurrence.

Details about the treatment in 11 patients with CVT, or a total of 19 feet, are discussed in the March issue of The Journal of Bone and Joint Surgery.

His method has caught the attention of pediatric orthopaedic surgeons worldwide, and he is training other surgeons in the United States and internationally to use the method successfully.

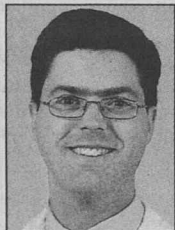
The difference between Dobbs' method and casting techniques tried in the past is in the way forces are applied to the foot and the way the casts are molded, he said.

"What has previously been lacking in any cast treatments for CVT is a lack of understanding by orthopaedists as to how the joints in the foot move and work together," Dobbs said. "Now, thanks to the work of Ignacio Ponseti, we do have a better understanding of the mechanics of the foot and ankle, which has made it possible to figure out how best to gradually correct the deformity in CVT."

The treatment is based on principles devel-

"What has previously been lacking in any cast treatments for CVT is a lack of understanding by orthopaedists as to how the joints in the foot move and work together. ... Our ultimate goal is better outcomes for patients."

MATTHEW DOBBS



Dobbs

oped in the 1950s for clubfoot, another congenital foot deformity. Ponseti, M.D., professor emeritus of orthopaedics and rehabilitation at the University of Iowa, pioneered a method that called for weekly casting and manipulation of the foot starting soon after birth. When done correctly, the Ponseti method greatly reduced the need for extensive surgery and as a result, improved the long-term outcomes for clubfoot patients. Extensive surgical releases for clubfoot can result in feet that are painful and arthritic in adulthood, something not often seen in clubfoot patients treated successfully with the Ponseti method.

"Our ultimate goal is that our new minimally invasive treatment for CVT will result in better long-term outcomes for patients just as the Ponseti method has done for clubfoot," Dobbs said.

University Events

75 undergraduate research presentations doubles past number

BY NEIL SCHOENHERR

The spring 2007 Undergraduate Research Symposium, being billed as the "biggest and best yet," will be held April 28 in the Athletic Complex. There will be 75 presentations — more than double the 30 presented last semester.

The symposium, from 11 a.m.-4 p.m., is free and open to the public. It showcases undergraduate research performed by students across several academic disciplines and will provide more opportunity than past symposiums for more students to briefly describe their research through posters and visual and oral presentations.

"I think several factors have contributed to the dramatic growth in the size of the symposium," said Henry Biggs, Ph.D., associate dean in Arts & Sciences and director of the Office of Undergraduate Research.

"Aline Holtz, who joined us recently as research grant specialist, has made it a central focus of her work, and she has proven tremendous at working with different disciplines, being flexible about presentation styles and welcoming to styles of research that do not traditionally get the attention they deserve," Biggs added.

Biggs cited the presentation of a documentary film, a senior dance thesis and the fact that this will be the first time members of all undergraduate schools will present work. More than 175 local high schools also were invited to attend.

"In some measures, the growth is not growth but more a coming together," Biggs said. "There has always been a great deal of undergraduate research taking place, but it was scattered among many smaller symposia."

"Many of those disciplines have decided to join with us this year so that more people can be exposed to the tremendous research that is going on in their discipline," Biggs added.

Students will be presenting a wide variety of research projects.

Jacob Levitas, a junior majoring in environmental studies in Arts & Sciences, and several other students from Arts & Sciences, architecture and business will present "Collaborating with an Amazonian Cocoa Cooperative to Plan a Sustainable Chocolate Factory in Ecuador."

To aid Kallari, an Ecuadorian cocoa cooperative in the Amazon region, and to help save them money on design costs, eight

WUSTL students formed a multidisciplinary group to develop preliminary architecture and business designs for the proposed factory.

"The business plan will follow a traditional outline, including background, marketing, production and manufacturing, finance and human resources," Levitas said in the group's proposal. "The architecture plan will follow an environmentally sustainable design, potentially as the first LEED-certified green building in Ecuador."

The group hopes to stimulate the local economy and reduce Kallari's expenses by internalizing the chocolate-production process.

Peter Coxeter, a senior majoring in aerospace engineering, will present his "High Efficiency Satellite-to-Satellite Laser Power Transfer Prototype."

The project demonstrates the viability of high-efficiency power transfer between two satellites using a system of laser diodes and solar panels. This configuration allows nanosatellites to recharge from a host satellite while reducing the mass of both.

"A current trend in satellite development is the use of several small, low-cost nanosatellites that perform tasks similar to

single complex satellites," Coxeter said.

"However, current power-generation systems are too large for these nanosatellites," Coxeter added. "Current techniques recharge remote satellites through magnetic induction. While this system is very effective at close range, the efficiency decays as the square of the distance increases. A laser diode power transmission system would have less mass and lack any distance restriction."

Biggs said it's very important for students to gain experience explaining and defending their work, a skill that will serve them regardless of what they pursue after college.

"I think I'm most excited about the cross-pollinating possibilities of this particular symposium: Students in engineering will get to see the research of students in International Area Studies; students in architecture will get to see how research is conducted in the business school," Biggs said. "All of this helps students learn how they can reach across boundaries and disciplines and collaborate more effectively, seeing the connections that were not available previously."

For more information, visit ur.wustl.edu.

'Absolute Pitch' • Walt Disney • 'Seeing Ideas' • 'Revenue Forecasting'

"University Events" lists a portion of the activities taking place April 19-May 2 at Washington University. Visit the Web for expanded calendars for the Danforth Campus (calendar.wustl.edu) and the School of Medicine (medschool.wustl.edu/calendars.html).

Exhibits

"Gandhi, King, Ikeda: A Legacy of Building Peace." Through April 27. Olin Library Lobby. 935-6626.

"Lesley Dill: 'The Thrill Came Slowly.'" Through April 29. Co-sponsored by the Sam Fox School of Design & Visual Arts. Millstone Gallery at COCA, 524 Trinity Ave. 725-1834, ext. 156.

"Reality Bites." Through April 29. Kemper Art Museum. 935-4523.

Film

Friday, April 20

7 p.m. **Annual Children's Film Symposium.** "Greyfriars Bobby" (1961). Don Chaffey, dir. Brown Hall Aud. 935-5576.

Saturday, April 21

10:30 a.m. **Annual Children's Film Symposium.** "The Black Cauldron" (1985). Ted Berman and Richard Rich, dirs. Brown Hall Aud. 935-5576.

4 p.m. **Annual Children's Film Symposium.** "Jestem" (I Am) (2005). Dorota Kedzierska, dir. Brown Hall Aud. 935-5576.

Lectures

Thursday, April 19

Noon. **Genetics Seminar Series.** "Absolute Pitch: Genetics and Perception." Jane Gitschier, prof. of medicine and pediatrics, U. of Calif., San Francisco. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

3 p.m. **Economics Graduate Student Association Lecture.** Douglass C. North Honorary Lecture Series. "Doubts or Volatility?" Thomas Sargent, economist and author. Co-sponsored by the School of Law Center for Interdisciplinary Studies. Anheuser-Busch Hall, Bryan Cave Moot Courtroom. 935-7988.

3 p.m. **Physics Theory Seminar.** "Goldstone Boson Currents in the Kaon Condensed CFL Phase of Dense Quark Matter." Andrei Krjivskii, dept. of physics, Ind. U. (2:30 p.m. Coffee.) Compton Hall, Rm. 241. 935-6276.

4 p.m. **Chemistry Seminar.** "Bifunctional DNA and Protein Alkylation by 1, 2, 3, 4-Diepoxybutane (DEB)." Natalia Tratyakova, assoc. prof. of medicinal chemistry, U. of Minn. McMillen Lab., Rm. 311. 935-6530.

4 p.m. **Molecular Biology & Pharmacology Lecture.** Annual David M. Kipnis Lecture. "Cell Fate Determination in the Vertebrate Retina." Constance Cepko, prof. of genetics, Harvard U. Moore Aud., 520 S. Euclid Ave. 362-0198.

4:15 p.m. **Earth & Planetary Sciences Colloquium.** "Chemistry in Brown Dwarfs and Exoplanets." Katharina Lodders, research asst. prof. of earth & planetary sciences. Earth & Planetary Sciences Bldg., Rm. 203. 935-5610.

5 p.m. **Historia Medica Lecture Series on the History of Medicine.** "Seeing Ideas: Insight from Interplay between Artists, Physicians and Scientists." Thomas Woolsey, prof. of experimental neurological surgery. (Reception follows.) Becker Medical Library, Lvl. 7, Kenton King Center. 362-4236.

5 p.m. **Ophthalmology & Visual Sciences Seminar.** Robert Nussenblatt, chief of immunology, National Eye Inst., National Institutes for Health, Bethesda, Md. 362-1006.

Friday, April 20

8:30 a.m.-5 p.m. **Whitney R. Harris Inst. for Global Legal Studies Workshop.** Latin American Law Workshop. (Continues 8:30 a.m.-5 p.m. April 21.) Anheuser-Busch Hall. 935-7988.

9:15 a.m. **Pediatric Grand Rounds.** "Family Planning and Sexually Transmitted Diseases: Strange Bedfellows." Jeffrey Peipert, prof. of obstetrics & gynecology. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. **Energy, Environmental & Chemical Engineering Seminar Series.** Ryckman Lecture. "Is there a Role for Coal in a Carbon Constrained World?" Adel Sarofim, Presidential Professor of Engineering, U. of Utah. Lopata Hall, Rm. 101. 935-5548.

11 a.m. **Jewish, Islamic and Near Eastern Studies Lecture.** "Temple Treasures in the Dead Sea Caves: New Insights from Archaeology." Richard Freund, Maurice Greenberg Professor of Jewish History, U. of Hartford. Co-sponsored by Religious Studies and Asian and Near Eastern Languages and Literatures. Lab Sciences Bldg., Rm. 301. 935-8567.

Noon. **Cell Biology & Physiology Seminar.** "Endocytosis of the EGF receptor and Dopamine Transporter: Functional Roles and Unexpected Similarity of the Mechanisms." Alexander Sorkin, assoc. prof. of pharmacology, U. of Colo. McDonnell Medical Sciences Bldg., Rm. 426. 362-6950.

4 p.m. **Annual Children's Film Symposium Lecture.** "Walt Disney and 1960s America." Stephen Watts, prof. of history, U. of Mo. Duncker Hall, Rm. 101. 935-5576.

Saturday, April 21

7:15 a.m.-6:50 p.m. **Medicine CME Course.** "ARCH 2: Percutaneous Cardiac and Peripheral Vascular Therapeutics." Cost: \$200 for physicians, \$150 for physicians in training and allied health professionals. The Ritz-Carlton St. Louis, 100 Carondelet Plaza. To register: 362-6891.

8 a.m.-1 p.m. **AIDS Clinical Trials Unit CME Course.** "Highlights from the 14th Conference on Retroviruses and Opportunistic Infections & Treatment Updates for HIV Clinicians." Cost: \$75. Eric P. Newman Education Center. To register: 454-8275.

2 p.m. **Annual Children's Film Symposium Lecture.** "The Making of Children's Films." Sandy Tung, film director. Brown Hall Aud. 935-5576.

Monday, April 23

4 p.m. **Immunology Research Seminar Series.** "Thymic and Peripheral Regulatory T Cell Development." Chyi-Song Hsieh, asst. prof. of medicine. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

4 p.m. **Physics & Center for Materials Innovation Seminar.** "Extended Universality and Information Theory." Carlos Wexler, prof. of physics, U. of Mo. (3:45 p.m. Coffee.) Compton Hall, Rm. 241. 935-6276.

5:30 p.m. **Sam Fox School Architecture Lecture Series.** Sean Godsell, architect, Melbourne, Australia. Lab Sciences Bldg., Rm. 300. 935-9300.

Tuesday, April 24

8:30 a.m.-4 p.m. **Center for the Application of Information Technology Workshop.** "The Business-IT Partnership: Delivering Business Results." Cost: \$905, reduced fees available for CAIT member organizations. CAIT, 5 N. Jackson Ave. To register: 935-4444.

Noon. **Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "Mucosal Antigen Acquisition and Defense." Hans-Christian Reinecker, assoc. prof. of medicine, Harvard U. Cori Aud., 4565 McKinley Ave. 362-8873.

Noon. **Program in Physical Therapy Research Seminar.** 4444 Forest Park Blvd., Lower Lvl., Rm. B108. 286-1404.

1 p.m. **K-12 Multidisciplinary Clinical Research Career Development Program Seminar.** "Infections in Migrants — A Southern California Casebook." Claire Panosian, clinical prof. of medicine, U. of Calif., Los Angeles. Wohl Hosp. Bldg. Aud. 454-8960.

Wednesday, April 25

4 p.m. **Biochemistry & Molecular Biophysics Seminar.** "Molecular Structure of Iron Regulatory Protein 1 in Complex with Iron Responsive Element: How an Enzyme Becomes a Gene Regulator and Vice Versa." William Walden, prof. of microbiology and immunology, U. of Ill. Cori Aud., 4565 McKinley Ave. 362-4152.

Thursday, April 26

Noon. **Genetics Seminar Series.** "Single Molecule Measurements of Gene-regulator Protein's Interactions with DNA." Yan Mei Wang, asst. prof. of physics. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

2 p.m. **Chancellor's Fellowship Conference.** "African-Americans and Documentary Film." Henry Louis Gates Jr., Alphonse Fletcher University Professor at Harvard University. Graham Chapel. 935-6821.

4 p.m. **Chemistry Seminar.** "Fast and Faster Glances of Reactive Intermediates." Robert Moss, L.P. Hammett Professor of Chemistry, Rutgers U. McMillen Lab., Rm. 311. 935-6530.

4 p.m. **History Colloquium.** "The Political Education of John Jones: Race Politics in a Northern City, 1845-1879." Margaret Garb, asst. prof. of history. (Reception follows.) Hurst Lounge, Rm. 201, Hurst Lounge. 935-5450.

4 p.m. **Ophthalmology & Visual Sciences Seminar.** "Visuomotor Deficits in Children with Cerebral Palsy." Fatema Ghasia, research fellow in ophthalmology & visual sciences. Maternity Bldg., Rm. 725. 362-3315.

Friday, April 27

9 a.m.-4:30 p.m. **Pathology Symposium.** In Honor of Dr. Emil R. Unanue. "Immunology at the Horizon of the New Millennium." Eric P. Newman Education Center. 362-8748.

11 a.m. **Energy, Environmental & Chemical Engineering.** "The Chemistry of Single Walled Carbon Nanotubes: Applications to Biomolecule Detection, Nanotube Separation and Electronic Networks." Michael Strano, assoc. prof. of chemical & biomolecular engineering, U. of Ill. Lopata Hall, Rm. 101. 935-5548.

Noon. **Cell Biology & Physiology Seminar.** "Vesicular Axonal Transport: Linking Injury Signaling to Nerve Regeneration." Valeria Cavalli, asst. prof. of anatomy & neurobiology. McDonnell Medical Sciences Bldg., Rm. 426. 362-7437.

4 p.m. **Physics & Center for Materials Innovation Joint Seminar.** "Disorder and Dissipation in the Microwave Conductivity Spectra of Carbon Nanotube and Silicon Nanowire Arrays." Mark Lee, Sandia National Laboratories, Albuquerque. (3:45 p.m. coffee.) Compton Hall, Rm. 241. 935-6276.

Monday, April 30

Noon. **Work, Families, and Public Policy Brown Bag Seminar Series.** "What Determines Adult Skills? Impacts of Pre-school, School-years and Post-school Experiences in Guatemala." Jere Behrman, W.R. Kenan, Jr. Professor of Economics, U. of Penn. Eliot Hall, Rm. 300. 935-4918.

4 p.m. **Immunology Research Seminar Series.** "Tec Kinase Signaling Regulates Conventional Versus Innate T Cell Development." Leslie Berg, assoc. prof. of pathology, U. of Mass. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

Tuesday, May 1

Noon. **Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "The Female Gametocyte of the Malaria Parasite: A Model for the Initial Development of a Polarized Embryo?" Andy Waters, dept. of parasitology, Leiden U., the Netherlands. Cori Aud., 4565 McKinley Ave. 362-8873.

5:30 p.m. **Biochemistry & Molecular Biophysics Biophysical Evenings Seminar.** "Computational Methods for Biomolecular Solvation." Nathan Baker, asst. prof. of biochemistry & molecular biophysics. Cori Aud., 4565 McKinley Ave. 362-4152.

Wednesday, May 2

7 a.m.-7:15 p.m. **Internal Medicine CME Course.** "The Washington Manual Comprehensive Internal Medicine and Board Review Course." (Continues through May 6.) Cost: \$1,025, \$825 for residents, fellows and allied health professionals. Eric P. Newman Education Center. For schedule, details and to register: 362-6891.

Music

Sunday, April 22

2:30 p.m. **Eliot Trio Concert.** David Halen, violin; Daniel Lee, cello; and Seth Carlin, piano. Cost: \$15; \$10 for seniors, faculty and staff; free for students. Whitaker Hall Aud. 935-4841.

Sunday, April 29

3 p.m. **Chancellor's Concert.** "Carmina Burana" by Carl Orff. Washington University Concert Choir, John Stewart, dir., and Washington University Symphony Orchestra, Dan Presgrave, dir. E. Desmond Lee Concert Hall, 560 Trinity Ave. 935-4841.

On Stage

Friday, April 20

8 p.m. **Performing Arts Dept. Presentation.** "House of Desires" by Sor Juana Inés de la Cruz. Trevor Bishop, dir. (Also 8 p.m. April 21; 2 p.m. April 22.) Cost: \$15; \$9 for seniors, students, faculty and staff. Edison Theatre. 935-6543.

Sports

Thursday, April 19

4 p.m. **Softball vs. Ill. College.** WUSTL Field. 935-4705.

Tuesday, April 24

2 p.m. **Baseball vs. Westminster College.** Kelly Field. 935-4705.

4 p.m. **Men's tennis vs. Lindenwood U.** Tao Tennis Center. 935-4705.

And more

Thursday, April 19

5 p.m. **Skandalaris Center IdeaBounce Event.** Simon Hall, May Aud. For information and to register: www.sc.wustl.edu.

6:15 p.m. **Germanic Languages & Literatures Poetry & Fiction Readings.** Co-sponsored by Jewish, Islamic and Near Eastern Studies. (Reception follows.) Duncker Hall, Rm. 201, Hurst Lounge. 935-5106.

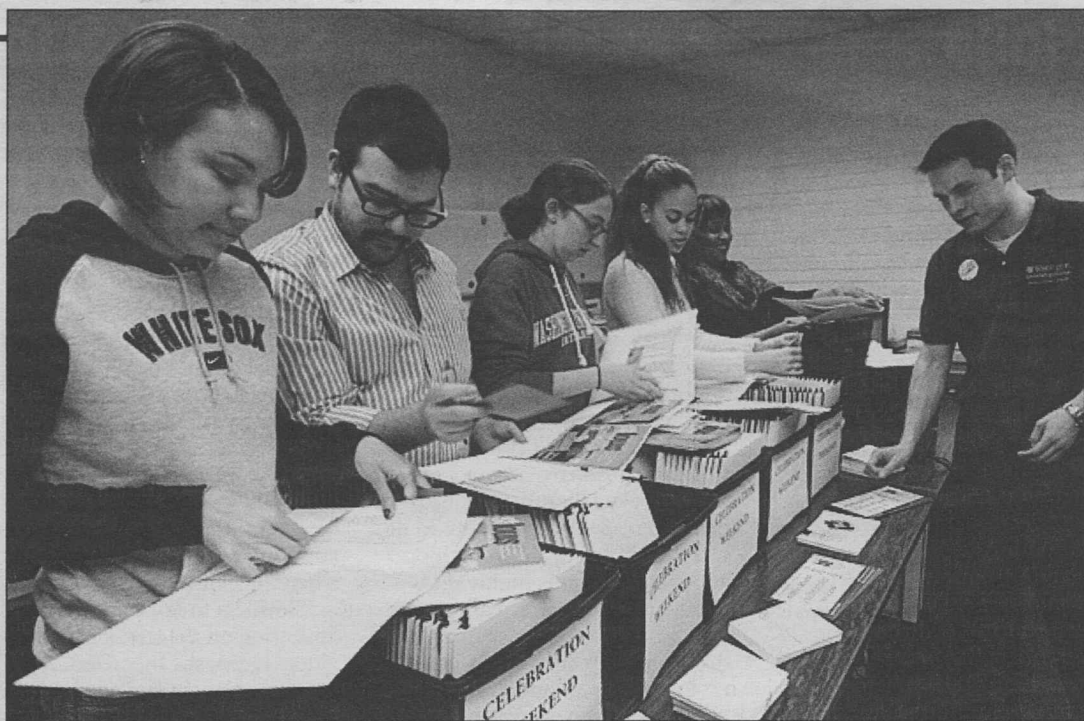
Friday, April 27

1 p.m. **Skandalaris Center Innovators & Entrepreneurs Workshop.** "Market Size & Revenue Forecasting," "Developing Your Idea and Finding Your Value Proposition" and "Creating Your Business Model." Simon Hall. To register: www.sc.wustl.edu.

Golf scramble

The Department of Athletics will host its 15th Annual W Club Golf Scramble at 11 a.m. June 11 at the Meadowbrook Country Club in Ballwin, Mo. Proceeds benefit student-athlete programs.

Entry fee is \$325 per golfer and includes fees, cart, driving range, lunch, cocktails and dinner. For more information, call Joe Worlund at 935-5247 or e-mail joew@wustl.edu.



It's a Celebration! The University community will welcome admitted students this weekend for Multicultural Celebration Weekend. Student visitors will have the chance to attend classes and student group meetings, meet current students and faculty and enjoy the annual Thurtene Carnival. Mike Armijo (right) of the Office of Undergraduate Admissions coordinates Celebration Weekend with the help of 70 undergraduate representatives of the multicultural student groups on campus. On April 13, Celebration Weekend planners put the finishing touches on the welcome packets that will be given to visiting students. They are (from left) Danielle DuRousseau, a sophomore majoring in history and political science in Arts & Sciences; Andres Gonzalez-Bode, a sophomore majoring in architecture; Jillian Morie, a freshman majoring in psychology in Arts & Sciences; Ashly Gaskin, a sophomore majoring in psychology and Spanish in Arts & Sciences; and Delise Le Pool, admissions receptionist.

Godsell speaks for architecture series

Australian architect Sean Godsell combines spare aesthetics with environmental sensitivity and social engagement. At 6:30 p.m. April 23, Godsell will discuss his work for the Sam Fox School of Design & Visual Arts' spring Architecture Lecture Series.

The talk, titled "Toward an Australian Architecture," is free and open to the public and takes place in Room 300 of the Laboratory Science Building.

Godsell, principal of Sean Godsell Architects in Melbourne, Australia, merges industrial and Australian vernacular forms with Asian — particularly Japanese — views about space and layout. At the same time, projects such as his acclaimed Carter/Tucker House (2000) and Peninsula House (2003) — both embedded in the sides of sand dunes in Victoria, Australia — take a holistic approach to environmental sustainability, combining an acute awareness of light and climate with the innovative use of recycled materials such as glass, steel and reclaimed wood.

Godsell is perhaps best known for a series of self-funded projects addressing the problems of homelessness and refugee displacement. Future Shack, originally designed for a competition sponsored by

the non-profit group Architecture for Humanity, is a self-contained emergency-housing unit built within a standard 20-foot steel shipping container.

Godsell's proposed Park Bench House in Melbourne would transform public benches into weatherproof shelters through the addition of a simple lift-up roof. Similarly, Bus Shelter House is a standard glass bus shelter that converts into emergency overnight housing, complete with an advertising board modified to dispense blankets, food and water.

Other major projects include the Woodleigh Art School (1999) and the Woodleigh School Science Building (2003), both of which — like Carter/Tucker House, Future Shack and Peninsula House — won awards from the Royal Australian Institute of Architects.

His work has been published in the world's leading journals, including *The Architectural Review*, *Architectural Record*, *Domus*, *Casabella* and *Architecti*. In 2005, Phaidon Press released the monograph "Sean Godsell: Works and Projects."

For more information, call 935-9300 or visit www.arch.wustl.edu.

Children's Film Symposium features talks, screenings

The Center for the Humanities and the Program in Film and Media Studies, both in Arts & Sciences, will host the Third Annual Children's Film Symposium April 20-21.

Presented in conjunction with Cinema St. Louis, the Children's Film Symposium will feature three children's films as well as talks by historian Steven Watts, Ph.D., and filmmaker Sandy Tung.

All events are free and open to the public. The talk by Watts will take place in Room 101 of Dunker Hall. All other events take place in Brown Hall Auditorium.

The schedule of events is:

- 4 p.m. April 20: Watts, professor of history at the University

of Missouri-Columbia and author of "The Magic Kingdom: Walt Disney and the American Way of Life" (1997), will examine both Walt Disney and The Walt Disney Co. — their projects, values and ideological agendas — as they entered the 1960s.

- 7 p.m. April 20: "Greyfriars Bobby" (1961), directed by Don Chaffey. Based on Eleanor Atkinson's beloved children's classic, the film tells the true story of one of Scotland's most celebrated heroes, a terrier named Bobby. Suitable for children 8 and older.

- 10:30 a.m. April 21: "The Black Cauldron" (1985), directed by Ted Berman and Richard Rich. Based on the book by Lloyd

Alexander, the film follows Taran, a young pig keeper who dreams of becoming a great warrior. Suitable for children 8 and older.

- 2 p.m. April 21: Tung, director of several successful independent films, including "Shiloh Season" (1999) and "Saving Shiloh" (2006), will discuss "The Making of Children's Films."

- 4 p.m. April 21: "Jestem" (I Am) (2005), directed by Dorota Kedzierzawska. The fourth feature by the acclaimed Polish director tells the story of a young orphan who attempts to reunite with his mother. Suitable for children 12 and older.

For more information, call 935-5576.

Latin American Law Workshop April 20-21

By JESSICA MARTIN

The Whitney R. Harris Institute for Global Legal Studies at the School of Law is hosting a Latin American Law Workshop April 20-21 in Room 404 of Anheuser-Busch Hall.

Introductions by John O. Haley, the Wiley B. Rutledge Professor of Law and director of the Harris Institute, begin at 9 a.m. each day. Sessions by experts from around the country include:

April 20

- 9:15 a.m. "An American Comparative's Experience with an Argentine on Death Row in Texas"
- 10:45 a.m. "Commercial Law Reform in Central America and the Shift to the Left: Can Free

Market Commercial Laws Become Populist Socio-economic Doctrine?"

- 2 p.m. "Incorporating Globalization and Hemispheric Trade Agreements Into Teaching Latin American Law" and "Is There a Common Core of Latin American Private Law?"

- 3:30 p.m. "Recent Development on Class Actions in Latin America — The Model Class Action Code for Iberoamerica" and "Close Encounters of a Legal Kind: Toward an Integrated Knowledge of Law?"

April 21

- 9:15 a.m. "How Do Codes Travel? Norm Diffusion and the Wave of Criminal Procedure Reform in Latin America" and

"Human Rights Convergence in Latin America"

- 10:45 a.m. "Privatizing Private Law as a Countermeasure to Latin America's Costly Dalliiances With Socialism, or Does the So-called Pink Tide Rolling Across Latin America Have a Mellow Tint?"

- 2 p.m. "Conversation on New Directions or Old Patterns? Legal and Political Changes in Latin America, from Chavez to Calderon"

- 3:30 p.m. "Conversation on Teaching Latin American Law — Themes, Approaches, Materials"

The workshop is free and open to the public, but seating is limited. For more information, visit law.wustl.edu/higs and click on Special Events.

Eliot Trio in concert April 22

The Eliot Trio will perform piano trios by Franz Joseph Haydn, Camille Saint-Saëns and Johannes Brahms at 2:30 p.m. April 22 in the auditorium of Whitaker Hall.

The Eliot Trio consists of Seth Carlin, professor of music and director of the piano program in the Department of Music in Arts & Sciences; violinist David Halen, concertmaster for the Saint Louis Symphony Orchestra; and Daniel Lee, principal cellist for the Symphony Orchestra.

Founded by Carlin in the early 1990s, the group is named for University founder William Greenleaf Eliot and is dedicated to performing masterworks of the piano trio literature. It typically presents one concert each year.

The program opens with Piano Trio no. 40 in F-sharp minor by Haydn (1732-1809). Written during the composer's "London period" of the early 1790s, this minor-key trio — dedicated to Rebecca Schroeter, a wealthy heiress with whom Haydn had an affair — is notable for its sense of private emotion, especially in its introspective second movement.

The program continues with Piano Trio in F Major, op. 18, by Saint-Saëns (1835-1921). This trio, written in 1863, is joyous in character but also distinctive for its subtleties, which place it in sharp contrast to the composer's larger, weightier works of the period.

Concluding the program is Piano Trio no. 2 in C Major, op. 87 by Brahms (1833-1897). Composed between 1880-82, this sizable work was written at a time when Brahms' attention to works for piano — his own instrument — was at its peak. It closely followed the premiere of his monumental Second Piano Concerto (1881), a masterpiece of the genre, but features lighter touches, in-

cluding waltz-like passages.

Carlin has performed with orchestras around the world and with conductors such as Nicholas McGegan, Leonard Slatkin and Roger Norrington. He has appeared in recital at major international festivals and with Pinchas Zukerman, Anner Bylsma and Malcolm Bilson, among others. In 1991-92, Carlin performed the complete Franz Schubert fortepiano sonatas in New York — concerts that were broadcast nationally on National Public Radio. He performed as soloist with the Symphony Orchestra in Ludwig van Beethoven's "Triple" Concerto as well as with San Francisco's Philharmonia Baroque Orchestra, a period-instrument orchestra.

Halen has been with the Symphony Orchestra since 1991 and was appointed concertmaster in 1995. He frequently appears as a soloist, both with the Symphony Orchestra and in performance around the country, and often teams with Carlin for local chamber concerts. As co-founder and artistic director of the Innsbrook Institute, at Innsbrook, Mo., Halen coordinates a weeklong summer festival of chamber music performance and training for aspiring artists. He plays a Giovanni Battista Guadagnini violin made in Milan, Italy, in 1763.

Lee, who was named the Symphony Orchestra's principal cellist in 2005, has performed with ensembles around the world and previously served as principal cello for the San Diego Symphony. Lee graduated from Philadelphia's Curtis Institute of Music and also studied in the New England Conservatory's prestigious Artist Diploma program.

Tickets are \$15; \$10 for seniors, faculty and staff; free for students.

For more information, call 935-4841 or e-mail staylor@wustl.edu.

Treasures in Dead Sea caves explored

By GERRY EVERDING

Richard A. Freund, Ph.D., director of the Maurice Greenberg Center for Judaic Studies at the University of Hartford, will discuss "Temple Treasures in the Dead Sea Caves: New Insights from Archaeology" at 11 a.m. April 20 in Room 301 of the Laboratory Science Building.

Free and open to the public, the lecture is sponsored by the Arts & Sciences programs in Jewish, Islamic and Near Eastern Studies and in Religious Studies.

Freund is the author of six books on archaeology and two books on Jewish ethics. An ordained rabbi, he holds doctoral and master's degrees from the Jewish Theological Seminary of America.

He has appeared in many television documentaries, most recently NOVA's "Ancient Refuge in

the Holy Land," which is based on his book, "Secrets of the Cave of Letters: Rediscovering a Dead Sea Mystery."

Articles on his excavations have appeared in *Biblical Archaeology Review*, *National Geographic*, *Time* and *Eretz Magazine*.

Freund is director of five different archaeological projects in Israel, including Bethsaida, Qumran, the Cave of Letters, Nazareth and a new project in Yavne, as well as an archaeological project in Burgos, Spain. This last project involves a late medieval church built over an early 11th-century synagogue in northern Spain.

In 2007-08, he will embark on two new excavations in Egypt and Israel that may finally solve the mystery of the Exodus.

For more information, call 935-8567 or e-mail jines@artsci.wustl.edu.

Record

Volume 31, Number 30

Founded in 1905

Washington University in St. Louis community news

Associate Vice Chancellor Steven J. Givens
Executive Editor Susan Killenberg McGinn

Editor Martha M. Everett

Associate Editor Andy Clendenen

Associate Editor Neil Schoenherr

Medical News Editor Beth Miller

Calendar Coordinator Genevieve Posey

Print Production Carl Jacobs

Online Production Genevieve Posey

News & Comments

(314) 935-6603

Campus Box 1070

record@wustl.edu

Medical News

(314) 286-0119

Campus Box 8508

millerbe@wustl.edu

Calendar Submissions

Fax: (314) 935-4259

Campus Box 1070

recordcalendar@wustl.edu

Record (USPS 600-430; ISSN 1043-0520). Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130. Periodicals postage paid at St. Louis, MO.

Where to send address changes

Postmaster and nonemployees: Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130.

Employees: Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO 63130.

Reprint permission

Articles may be reprinted with appropriate credit to Washington University in St. Louis Record.

Scholars

— from Page 1

to a maximum of \$5,000 per year.

The U.S. Congress established the Morris K. Udall Foundation in 1992 to honor Morris K. Udall, who served in the House of Representatives for 30 years.

The Udall scholarship program is administered by the Morris K. Udall Scholarship and Excellence in National Environmental Policy Foundation.

A total of 80 2007 Udall Scholars were selected from among 434 candidates nominated by 221 colleges and universities.

Goldwater Scholars

Mercurio plans to pursue advanced degrees in particle physics and to conduct research that furthers the fundamental understanding of the universe. He'd also like to foster the growth of the physics community at the university level as an adviser and resource for students. His research, with Lee G. Sobotka, Ph.D., professor of physics and of chemistry, explores the decays of Carbon-10 from above the 2-alpha 2-proton threshold.

Wofsey plans to pursue a doctoral degree and a career in mathematics research within an academic institution. He was a member of the University's math team for the 2006 William Lowell Putnam Mathematical Competition, which placed ninth in the nation out of 402 teams.

Zhang plans to pursue an M.D./Ph.D. with an emphasis in bioorganic chemistry and conduct research at a leading research university. His career interests include investigating the various chemical pathways of diseases and teaching the next generation of scientists and doctors. Re-

search with John-Stephen A. Taylor, Ph.D., professor of chemistry, involves nucleic-acid-triggered processes. A member of Phi Beta Kappa, Zhang is a recipient of the Burton M. Wheeler Freshman Book Award.

Manglik (honorable mention) plans to pursue an M.D./Ph.D. in microbiology and to conduct research in the basic biology necessary for the development of better tools for fighting bacterial and viral pathogens. He'd also like to teach in a university setting. Research with principal investigator Jeffrey S. McKinney, M.D., Ph.D., assistant professor of molecular microbiology and of pediatrics in the School of Medicine, involves using bioluminescent *Salmonella* to identify neoplastic tumors. Manglik received the University's Hoopes Undergraduate Research Award.

Udall Scholars

Dangremond, a 2006 and 2007 Howard Hughes Fellow, is a member of the Pathfinder Program in Environmental Sustainability in Arts & Sciences. She is president of Green Action, a student organization for environmental action and awareness, and is former chair of the Committee on Environmental Quality, which focuses on the environmental sustainability of the University community.

She is captain of the women's club water polo team and a member of Chi Omega. Her research, conducted with Tiffany M. Knight, Ph.D., assistant professor of biology, explores the role of seed predation on the conservation and restoration of an endangered coastal sand dune plant, *Lupinus tidestromii*.

Moinester, a former captain of the men's varsity soccer team, is founder of several campus environmental groups, including the

Green Council and the Hybrid Living Sustainability Committee, which educates students about how to live sustainably. As president of Student Union and speaker of the Congress of the South 40, he worked to unite the campus environmental movement and lobby the administration for large-scale environmental change. He plans to pursue graduate degrees in public administration and in agricultural, environmental and nutritional science.

Singletary, a Danforth Scholar, helped found the Roosevelt Institution, a national public policy think tank. Singletary is a resident advisor and undergraduate student representative on the Board of Trustees. He is active in a service group that teaches environmental science at St. Louis public schools.

He will travel to India this summer with the Village India Program in Arts & Sciences teaching a course to local students and performing research on environmental concerns. He plans to pursue a joint master's degree in public policy and environmental science and would like to work on environmental problems that affect the developing world.

Greenman (honorable mention) is a program leader with VERDE (Volunteers for Environmental Restoration, Development and Education), a Campus Y group focused on environmental education in local elementary and middle schools. She is active in lobbying campaigns about climate-change legislation at the federal level. She will travel to India this summer to teach and perform research, which will follow her internship with World Wildlife Fund International in Washington.

Drugs

— from Page 1

applied to strokes affecting the left hemisphere, where damage to various brain areas is linked to specific kinds of language deficits," Sapir said. "Taking the same approach to studying lesions of the right hemisphere should help improve patient treatment by allowing us to develop therapeutic approaches targeted to specific brain circuits and neurochemical systems."

Many problems after a right-brain stroke fall under the broad heading of neglect: inability to detect a stimulus or do something about it. Neglect is highly disabling, as it interferes with a number of basic activities such as dressing, self-care and driving.

Every year, about 3 million to 5 million people with strokes on the right side of the brain between the ear and the temple develop a condition known as spatial neglect that hampers their ability to notice things on their left side. Patients may seem to be unaware of their left arm, for example. The condition is most severe in the first few months following a stroke, but in some patients it becomes a chronic problem.

Some patients with strokes in this area develop a slightly different condition known as motor neglect. This causes them to be slow to act toward the left side of their environment. It might, for example, make them slow to swat at a bug that lands on their left side.

How to separate slowness to notice a stimulus (spatial neglect) from slowness to act on a stimulus (motor neglect) has been a persistent problem for neuroscientists.

In a common laboratory test of neglect's effects, patients watch a video screen for the appearance of a stimulus, usually a symbol or shape, on either the left or the

right side of the screen. When they see a stimulus, they report which side it was on to researchers.

The challenge for researchers was that spatial neglect and motor neglect produced the same results — a patient who was slow to report stimuli appearing on the left side of the video screen. Spatial neglect patients were slow to see the stimulus, while motor neglect patients could see it but were slow to make the movements required to report that they had seen it.

To overcome this problem, Sapir had patients start the test with their hand on a button located to the left of the video screen. When they saw a stimulus, they reached toward the video screen and touched the screen on the side where the stimulus appeared.

Slowness to respond to stimuli appearing on the left side of the video screen, she theorized, would mean the patient had spatial neglect and was having trouble noticing the stimuli. Patients who promptly noticed left-side stimuli could report that perception by reaching to their unimpaired right side.

Of 29 patients tested, six were able to respond promptly to left-side stimuli, suggesting they had motor neglect. When Sapir compared high-resolution MRI brain scans from the two groups, she found a starkly consistent pattern: All the patients identified as having motor neglect had damage to the putamen, while those who still responded slowly to left-side stimuli did not.

Although the putamen isn't damaged in Parkinson's disease, scientists have identified it as a brain region that processes dopamine, the neurotransmitter that drops to low levels in Parkinson's patients.

Sapir and her colleagues say they hope to eventually develop a battery of tests that will allow clinicians to dissociate the different kinds of neglect and develop new treatments.

Switzer

— from Page 1

\$200,000. Based on the campaign, two full-tuition Elizabeth Gray Danforth Scholarships could be awarded to deserving community college or junior college students.

The Women's Leadership Award was renamed the Harriet K. Switzer Leadership Award effective with this year's winner. Switzer received a clock identical to that given the award winners, as well as a tribute box containing greetings and memories from past and present society members.

"Nothing could have made me happier than to know that, in some small way, I am playing a role in enhancing the Elizabeth Gray Danforth Scholarship Endowment," Switzer said, following remarks from Chancellor Emeritus Danforth, M.D., and Chancellor Mark S. Wrighton. "I never would have dreamed that we would be able to offer not just one, but two life-transforming scholarships each year — this is truly exciting!"

"I take with me into 'the next phase of my life' the comfort of knowing that Ida Early is my successor," she added. "She is a beautiful, talented and very special woman whom I admire and whom many of you know well. Ida knows the University from tip to toe. As a member of the development team of the University for more than 25 years, she has watched WSWU grow and mature. Mark [Wrighton] could not have chosen a better person."

At the meeting, the Harriet K. Switzer Leadership Award was bestowed on senior Lorin Kline, making her the 15th recipient of the leadership award.

Kline received a cash award of \$500, as well as a silver clock inscribed with the quote from the English writer Virginia Woolf: "I should remind you how much depends upon you and what an



Kim Eberlein (left) watches Harriet K. Switzer, Ph.D., cut a cake presented to her at the Women's Society of Washington University's annual meeting April 11 in the Ann W. Olin Women's Building Formal Lounge. Switzer, who is retiring June 30, was feted for her more than 20 years as University coordinator of the society.

influence you can exert upon the future."

Kline carries a 3.57 grade-point average in the philosophy-neuroscience-psychology program in Arts & Sciences. She has worked in various positions in Leadership Through Service; co-founded the Alliance of Students Against Poverty and the Coalition for the Advancement of Social Entrepreneurship; and held several positions with the Alpha Chi Omega National Co-ed Community Service Fraternity.

In 2006, Kline was the only undergraduate to receive the Gerry and Bob Virgil Ethic of Service Award.

Following the presentation to Kline, Laura Anne Booth and John Joseph Coveyou, students at St. Louis Community College-Meramec, received Elizabeth Gray Danforth Scholarships to further their education at WUSTL.

Booth carries a 4.0 GPA and is described as having an "insatiable desire to create humorous experiences with people balanced with an incredible desire to learn, to analyze, to know history, to seek adventure, to understand people and to communicate with them

effectively. [She is] dedicated, enthusiastic, [has a] true desire to learn and the discipline to progress quickly; her work stands out among that of her peers."

She plans to attend the College of Art this fall and is interested in furthering her education in graphic design and in international relations.

Coveyou carries a 3.94 GPA and is described as having an "innate ability to overcome hurdles and succeed and is compassionate about the sufferings of disadvantaged people throughout the world. [He is] a student every professor hopes to have."

Self-employed as a painter and carpenter, Coveyou served in the Army National Guard, where he performed law enforcement missions for 20 months and was deployed for Hurricane Katrina relief. He plans to study political science and international studies, both in Arts & Sciences, beginning this fall.

Following the presentations, the meeting adjourned to Graham Chapel for the Assembly Series Women's Society Adele Starbird Lecture, given by civil rights activist Minnijean Brown Trickey.

Mahabo

— from Page 1

In fall 2006, third-year law student Kate Burson and two Arts & Sciences students — Kristopher Kelley, a junior majoring in aesthetics and society and entrepreneurship, and Russell Kohn, a senior majoring in math and economics — began working on the issue as part of the entrepreneurship Hatchery class in the John M. Olin School of Business.

In January 2007, the team expanded to include Teresa Wallace, a 2006 graduate of the George Warren Brown School of Social Work and a first-year MBA student, and Yiping Chen, a first-year MBA student.

Traveling to Madagascar

Starting their trip to the world's fourth largest island on March 3, the five students were accompanied by Kenneth A. Harrington, Hatchery professor and managing director of the Skandalaris Center; Armand Randrianasolo of the garden; and Theresa Wilson, founder of The Blessing Basket Project.

The Blessing Basket Project is a non-profit company based in St. Louis and was a 2004 Olin Cup Competition winner. The business pays weavers in six lesser-developed countries prosperity wages 10-15 times higher than fair-trade levels.

The organization wanted to understand how the new wealth would impact the village and how it was being spent and then would set a baseline for future outcomes and change measurement.

"It was challenging, both physically and intellectually," Harrington said of the trip. "But after their pre-trip work, the students were prepared to teach and share their diverse expertise and knowledge with each other. Seeing them collaborate and think through how new wealth might impact the environment, economy and society was

great. These are tough problems."

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.

In particular, the students studied the impact of The Blessing Basket Project in its first year of operating in Mahabo. They also were looking for ways to expand beyond the project to find other benefits.

Experiencing a new world

Arriving in Madagascar was an eye-opening experience.

"When we visited Mahabo's villages, we could tell that they had different characteristics," Kelley said. "On the coast, people seemed much better off. They sold lobsters to a local company. They had more fish and rice."

In other villages, recent cyclones destroyed crops, resulting in food shortages. Rice fields were being restored with hand tools while people survived on low-nourishment breadfruit.

Before the trip, the group knew a concern was the danger The Blessing Basket's success might pose to the local women who find themselves earning more money.

"Infusing income through women in a patriarchal society could change social stature, causing a backlash against the women," Wallace said. "One of our fears was that the Blessing Basket's wealth would go directly to the women weavers and upset the men."

"To the contrary, we found that the extended family networks prevent domestic violence, and men often rely on women to control household budgets," Wallace continued. "Also, a lot of men expressed the importance of the income that weaving has always brought in."

The partnership will continue to grow as more students and professors get involved. And Wallace plans to intern with Blessing Basket this summer.

Notables

Lima wins Bruno Zevi Prize for architecture writing

By LIAM OTTEN

Zeuler R. Lima, Ph.D., 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.

Lima received the award for his extended essay "Towards Simple Architecture," about the Italian-Brazilian architect Lina Bo Bardi (Rome, 1914-São Paulo, 1992). The essay, which explores Bo Bardi's contributions to the theory and practice of design, is supported by original archival material — notably a series of let-

ters, written between 1945 and 1974, that chronicle a heated intellectual debate between Bo Bardi and Bruno Zevi.

"Lina Bo Bardi occupied a position of cultural importance in Latin America that is analogous to the one occupied by Frida Kahlo," Lima explained. "She produced an original and critical body of work regarding architecture, design and criticism in the second postwar period. She was without doubt one of the great architects of the 20th century, and yet her work is very little known outside of Brazil, and literature about her biography, writings and design is

scarce."

Lima is preparing a book about Bo Bardi's life and work. In particular, the volume will focus on her relationship to modernism, relating the architect's early experiences in Italy and her experiences after immigrating to Brazil in 1946.

The Bruno Zevi Prize is awarded yearly for a historical-critical essay offering an original analysis of an architectural work or theme or an architect of the past or present. The competition is open to holders of research doctorates with recognized experience in architectural history, theory and criticism. Lima's win-

ning entry will be published in the Quaderni of the Bruno Zevi Foundation. He also will spend 30 days in residency at the foundation while conducting additional research about Bo Bardi.

Zevi (1918-2000) was one of the most prominent historians and critics of 20th-century modern architecture and urbanism. Born in Italy, he came to the United States during World War II and studied at Harvard University under the directorship of Walter Gropius.

While in the United States, Zevi also discovered the work of Frank Lloyd Wright, which helped shape his conception of Italian Social and Organic Architecture.

A longtime professor at the University of Rome, he served as

editor of the journal *L'Architettura* for more than four decades.

The jury for the Bruno Zevi Prize consisted of five renowned architects and architectural historians: Jean-Louis Cohen of the École des Hautes Études in Paris and New York University; Zvi Hecker, Berlin architect and author; Alessandra Muntoni, director of *Metamorfosi Magazine*; Antonino Saggio of the Università di Roma La Sapienza; and Dennis Sharp, chair of the International Committee of Architectural Critics in London.

Runners-up for the prize were Eeva Lisa Pelkonen of Yale University, Daniela Salvi of the University of Rome and Joseph Cory of the Israel Institute of Technology.

Social work presents alumni, other awards

By JESSICA MARTIN

The George Warren Brown School of Social Work honored six distinguished individuals for outstanding school service during its annual Alumni Awards Dinner April 17 at the Coronado Ballroom.

The Distinguished Alumni Award recipients are Alice K. Johnson Butterfield, Ph.D., William A. McAllister and Amy Rome. Luis Zayas, Ph.D., the Shanti K. Khinduka Distinguished Professor of Social Work and associate dean of faculty, received the Distinguished Faculty Award. The Dean's Medal recipients are David L. Cronin, Ph.D., and Harriet K. Switzer, Ph.D., secretary to the Board of Trustees.

Johnson Butterfield, professor of social work at Jane Addams College of Social Work, has made significant contributions to knowledge in the area of service delivery to disadvantaged populations. She has authored numerous papers, book chapters, reviews and monographs focused on university-community partnerships, community practice, community development, homeless families and low-income housing. She is a member of the Council on Social Work Education's Commission on Global Social Work Education. She also serves on the organizing committee for the International Consortium for Social Development's annual symposium, which will be held this year in Hangzhou, China.

McAllister has focused his life work in advancing the mission of

the YMCA, one of the largest not-for-profit community service organizations in America. His career with the Y has taken him around the country and resulted in numerous leadership roles within the organization. He has served on the World Council YMCA and as director of personnel and training for the YMCA of America. He also was elected vice president and chief operating officer of the YMCA Retirement Fund. Although he officially retired in 1989, he remains involved with the YMCA.

Rome has dedicated her career to improving the effectiveness of not-for-profit organizations. As founder and principal of the Rome Group, she has more than two decades of experience in planning, development and fundraising, and management with public and private nonprofit and philanthropic organizations. From education to health and human services, she has helped a variety of institutions locally and nationally achieve their goals. Prior to forming the Rome Group, she was president of the St. Louis Metropolitan Association for Philanthropy, a membership organization of philanthropic corporations and foundations that provides educational programming and information on community needs.

Since joining the faculty in 2002, **Zayas** has made significant contributions to the social work school, the University and the profession. His research on at-risk

Latina youth has received national and international recognition, and under his leadership, the Brown School established the Center for Latino Family Research. Zayas has made substantial contributions to building diversity at the University and at the Brown School, provided important administrative leadership and been a dedicated teacher and mentor to doctoral students and postdoctoral students.

Cronin served the social work school for 25 years, most recently as associate dean for administration. He directed the construction of Goldfarb Hall and the renovation of Brown Hall, chaired the Brown School's anniversary celebrations and played a major role in the reaccreditation process of the school. He and his wife, Harriet K. Switzer, were instrumental in establishing the Kathryn M. Buder Center for American Indian Studies. Cronin served on the Brown School's curriculum committee and on the assessment and Commencement committees for the University.

Switzer, former president of Maryville College (now Maryville University) has spent the past 25 years serving Washington University. She is secretary to the Board of Trustees and its 13 standing committees. Switzer also served as University coordinator of the Women's Society of Washington University. She has brought the Women's Society to a new level of leadership, helping to establish the Elizabeth Gray Danforth Scholarship.

Big Read program shows impressive final returns

By ANDY CLENDENNEN

The people like to read!

The Big Read — a community reading program funded by the National Endowment for the Arts (NEA) — concluded recently, and the returns are quite impressive.

There were 50 public events with about 12,500 people attending to discuss Ray Bradbury's science-fiction classic "Fahrenheit 451." Additionally, there were 36 book groups with about 500 attending; 28 educational activities impacting about 1,600 students in grades 6-12; and 30 community partners, including five libraries or library districts, four museums and seven participating schools.

Closer to home, the Department of English in Arts & Sciences, provided lecturers, book-group facilitators and other resources to support more than 75 events from far North St. Louis County to Wentzville, Mo. WUSTL also distributed 15,000 readers guides, 75 teachers guides and 750 audio guides.

"We all found The Big Read

enjoyable," said David A. Lawton, Ph.D., professor and chair of English in Arts & Sciences. "We loved working with community partners, and also Washington University ones such as the Kemper Art Museum. We'll aim to keep up these connections. I'm especially grateful to Cheryl Adelstein, whose work sustained the entire enterprise, and to our faculty and graduate instructors. We undertook a mass of activities, and have refined our sense of what works best. Now we're wondering what to do next — an international version?"

The NEA requires an evaluation process be made available to program participants. This process includes event evaluation forms, readers post cards and an online survey.

To participate in the evaluation process, visit survey.rockman.com/Big_Read/Big_Read_Participant.html

Additionally, a link to many of the audio and video highlights — including lectures and videoconferences — is available at bigread.wustl.edu/media.php.

Obituaries

Barr, senior purchasing representative

By BETH MILLER

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, M.D., 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 said. "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," said Stuart A. Kornfeld, M.D., 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."

A celebration of her life was held April 9 at Gerber Chapel in Webster Groves, Mo.

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

Memorial contributions may be made to Washington University School of Medicine, Division of Hematology, 660 S. Euclid Ave., Box 8125, St. Louis, Mo., 63110.

Jacobs, 91

Sydne A. Jacobs, assistant dean at the George Warren Brown School of Social Work in 1967, died Tuesday, April 10, 2007, at the Gatesworth in University City. He was 91.

Sports

Kressel, Sagartz help softball team win four

The softball team extended its winning streak to 10 games with four victories at the Illinois Wesleyan Invitational in Bloomington, Ill.

Washington U. posted an 8-1 victory against Maryville University in the first game April 15, and then notched a 12-2 win in five innings against No. 19 University of Chicago in Game 2. Senior Jamie Kressel broke the game open with a grand slam to highlight a six-run sixth inning.

On April 14, senior Laurel Sagartz tied the school record with 17 strikeouts in a 5-0 win against Hope College in Game 1, and then the Bears rallied for a 2-1 win against No. 25 Illinois Wesleyan University in Game 2.

Men's tennis extends winning streak to 9

The No. 10 men's tennis team posted victories against No. 28 Chicago (7-2) and Coe College (9-0) April 15 at the Tao Tennis

Center. The wins extended the Bears winning streak to nine matches, the fourth longest in school history.

WUSTL won two of three doubles matches against Chicago. The Bears then won all nine matches against Coe.

The Bears posted a 7-0 victory against the University of Texas-Tyler April 14 at the Vetta Hampshire Racquet Club.

Men's, women's track and field sweep Quad

The men's and women's track and field won the WUSTL Quad April 12.

Sophomore Alli Alberts had a record-breaking performance in the javelin, throwing 37.84 meters.

Junior Abbey Hartmann won the 3,000-meter steeplechase, while sophomore Tanner Coghill turned in one of the men's top performances. He placed first in the 400-meter hurdles. In the distance events, the Bears posted the top four finishes in the 1,500 meters, including event winner and sophomore Kevin Opp.

Women's tennis 8-8

The women's tennis team won two of its three matches to improve to 8-8.

The Bears defeated Missouri Western State University, 6-3, April 13. The Red and Green took two of the three doubles matches for the early 2-1 advantage.

On April 14, WUSTL opened the day with a narrow 5-4 loss to Coe, but rebounded for a 5-3 win against Texas-Tyler in the afternoon.

Baseball goes 1-3

The No. 10 baseball team (23-8) posted a 1-3 record last week.

On April 10, the Bears split their games at DePauw University in Greencastle, Ind. Sophomore Brian Williams picked up his eighth win of the season as WUSTL prevailed, 9-4. In the second game, DePauw won, 11-1.

On April 14, WUSTL faced two ranked teams. The Red and Green fell, 8-3, to No. 30 Rhodes College before capping the day with a 5-4 loss to No. 3 Emory University in 11 innings.

Washington People

As a scholar of ancient Near Eastern culture and author of a book on homicide in the Biblical world, Pamela Barmash, Ph.D., professor of Hebrew Bible and Biblical Hebrew in Arts & Sciences, has visited Jerusalem many times.

However, as director of the Jewish, Islamic and Near Eastern Studies (JINES) program in Arts & Sciences, one of her more rewarding visits came just months ago as she led 11 students there as part of a senior capstone course on Jerusalem in three traditions: Jewish, Islamic and Christian.

"The municipal officials and community leaders whom our students met were just astounded to meet a group in which Jewish, Christian and Muslim students are all working together and studying together," she says. "That's something unprecedented"

Barmash's seminar with the student trip to Israel and other broadly conceived capstone courses are the highpoint of the innovative, dual-track JINES curriculum. While students specialize in



(From left) Pamela Barmash, Ph.D., with Emily Regan, a junior majoring in history in Arts & Sciences, and Nicole Bakshi, a freshman majoring in business administration. "She is that rare example of a biblical scholar who is equally at home in Near Eastern archaeology, ancient history, Jewish studies and rabbinics," says Hillel J. Kieval, Ph.D.

BY GERRY EVERDING

A dialogue in faith

Biblical scholar Pamela Barmash leads Jewish, Islamic and Near Eastern Studies

either Jewish or Islamic studies, they are required to take introductory and advanced courses in the other field. This integrated approach to studying worlds that are often at odds promotes in-depth analysis and mutual understanding.

The plan seems to be working. Rich Hillesheim, a Muslim student from Chicago who made the Jerusalem trip with Barmash in 2004-05, describes it as a wonderful experience, in part because the students became so tightknit and so willing to look out for one another.

"A couple of us aroused suspicion after Israeli security checked our passports and noticed that we were Muslims. But several Jewish students and Professor Barmash came to our aid and talked them into letting us pass," recalls Hillesheim, a 2005 JINES graduate.

"Later, when our group was walking through a Palestinian neighborhood, some residents began to taunt Jewish students in our group, shouting, 'Welcome to our nation.' Those of us who spoke Arabic told them these are our friends and we are all here together."

In 2002, Barmash and a group of students launched the Muslim-Jewish Dialogue Group. Members now facilitate similar dialogue groups for Jewish and Muslim students in community high schools.

Helping people bridge gaps between religions and cultures has been a part of Barmash's life since

she became interested in religious studies as a child in New York. As a teenager, she got her hands on a critical study of the Bible and saw it for the first time as more than a monolith, more than one voice "singing a single solitary note" from cover to cover, she says.

"To come across the critical study of the Bible in which you hear an entire symphony of voices — sometimes harmonious, sometimes cacophonous — made what otherwise would be an ancient and outmoded text from a not always easily understood culture come alive," she recalls. "To see a revered sacred text in the multi-dimensional background from which it sprang was intellectually extraordinarily exciting."

Barmash earned a bachelor of arts in 1987 from Yale University, with a double-major in religious studies and Near Eastern languages and civilizations and specialization in Akkadian, the language of ancient Iraq. Following graduation, she spent a pivotal year in Jerusalem as a visiting graduate student at Hebrew University.

"It was kind of like being a kid in the candy store," she says, "because there was such a variety and availability of courses, as well as opportunities for meeting so many people from so many different walks of life."

She'd always been interested in rabbinic studies but thought it would be decades before Jewish leadership allowed women to become rabbis. However, attitudes softened, and she was admitted to the Jewish Theological Seminary in 1987. After studying in New York and Jerusalem, she graduated

with rabbinical ordination and a master of arts in 1990.

"I was the 17th woman ordained in the Conservative movement, so it was something that was quite an unusual career path," Barmash says.

While serving for eight years as the rabbi of Temple Shaare Tefilah in Norwood, Mass., she began taking courses at Harvard University, earning a doctorate in Near Eastern languages and civilizations in 1999 before returning to academic life as assistant professor at WUSTL.

She sees lots of overlap in her dual role as rabbi and professor.

"The two are a seamless whole," she explains. "It's not enough to do scholarship for the sake of writing a book that sits on a shelf. The way I do teaching is to enable students and empower students. So going into the rabbinate was very much part and parcel of the whole thing. In many ways, what I do as a rabbi is to act as sort of a public or community intellectual, as a public teacher."

Barmash teaches in the summers at the Conservative Yeshiva in Jerusalem. She is a member of the Committee on Jewish Law and Standards of the Conservative movement and of the board of directors of the Jewish Federation of St. Louis. She recently was named to the academic advisory board for the Rothberg School for overseas students at Hebrew University. She became associate professor and director of JINES in 2005, the same year she published her first book, "Homicide in the Biblical World."

Her research examines the origins of legal interpretation and the puzzle of why it took so long after the invention of writing — about 2,000 years — for people to begin writing explicit legal commentaries.

In May, she'll host a WUSTL conference on why the Exodus experience has such a profound influence on Jewish culture and then spend a week lecturing on the problem of evil in Jewish tradition at Bright Divinity School.

Her scholarship has attracted the interest of legal historians and law professors, and she's been invited to give a paper at the fall conference of the American Society for Legal History.

Barmash credits faculty here with working hard to make the integrated JINES program successful and suggests the approach is paying off for students. JINES graduates are pursuing careers in journalism, in humanitarian organizations and in government work, and they're getting into the best

graduate programs.

"The program provides a unique perspective that lets people go beyond the headlines," Barmash says. "It lets students get beyond the superficial to understand the complexities and nuances of what actually occurs on the ground."

Recently, JINES launched a joint graduate degree program with the George Warren Brown School of Work focusing on Jewish communal service, and it's working with Arts & Sciences to recruit other faculty with common interests. It has longstanding foreign study programs with Hebrew University and American University in Cairo and recently added options through the University of Haifa.

Barmash wants to develop a special program that inspires freshmen to study Islamic and Jewish civilizations in comparative and constructive ways, to start language study, if they have not already, and to take on advanced work or another language, if they arrive with a strong background. Language study now makes up about one-third of the course load for JINES students, with the rest coming from culture, history, literature, religion, even music.

"We're interested in language in and of itself, but I think we're most interested in learning language as a tool to help us grapple with the major issues that face Islamic civilization and Jewish civilization," she says.

Barmash's credentials include some level of fluency in nearly a dozen languages, including Hebrew, Aramaic, Syriac, Akkadian, Arabic, ancient Greek, Ugaritic, French and German.

She has worked with Northwest Semitic inscriptions, including those of Phoenician, Punic, Moabite, Edomite and Ammonite origin.

Hillel J. Kieval, Ph.D., the Goldstein Professor of Jewish History and Thought and chair of the Department of History in Arts & Sciences, describes Barmash as a Washington University treasure.

"She is that rare example of a biblical scholar who is equally at home in Near Eastern archaeology, ancient history, Jewish studies and rabbinics," Kieval says. "As faculty adviser to the Jewish-Islamic dialogue group; director of our unique program in Jewish, Islamic and Near Eastern Studies; and organizer of the 15-day study visit to Jerusalem, Professor Barmash is a model of passionate teaching combined with dispassionate ecumenism."

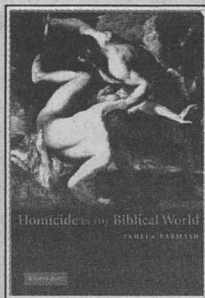
Books by Barmash:

Published: "Homicide in the Biblical World" (Cambridge University Press, 2005).

"The book is really about the relationship of the culture of ancient Israel to its surrounding cultures," she explains. "In fact, in every chapter of the Bible is reflected the profound influence of Mesopotamia — that is to say, ancient Iraq, which was the political, economic, cultural, intellectual superpower of the ancient world. At the same time, the social structure and religious ideas of ancient Israel shaped the adjudication of homicide in the Bible."

Book in progress: "The Origins of Legal Interpretation"

Edited book in progress: "Exodus: Echoes and Reverberations in Jewish Tradition"



Pamela Barmash (right) recently led 11 students to Jerusalem as part of a senior capstone course.