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Record

Nov. 1, 2002

Volume 27 No. 10



Washington University in St. Louis

Brokaw keynote speaker for 2002 Founders Day

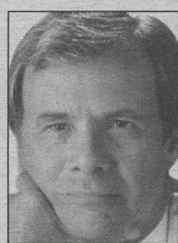
By BARBARA REA

The 149th anniversary of the University's founding will be celebrated in the usual grand style, with the presentation of awards for distinguished faculty and alumni, and one of the country's most respected newsmen as the keynote speaker.

In addition, the Board of Trustees will bestow its annual Robert S. Brookings Awards.

The annual Founders Day event, to be held this year Nov. 9 at America's Center, is sponsored by the Alumni Board of Governors and commemorates the

University's founding in 1853. A small number of tickets are still available; call 935-7378 for information.



Brokaw

been known for his integrity, intelligence and insight for reporting news to the American public.

This year's invited speaker is Tom Brokaw. Since 1983, when he took over the reins on *NBC*

Nightly News, Brokaw has

His place in broadcast history is secure with a set of many "firsts": He was the first American reporter to conduct a one-on-one interview with then-Russian President Mikhail Gorbachev and the first American network television anchor to interview current Russian President Vladimir Putin.

He was the only anchor to report from the scene the night the Berlin Wall fell, and in 1995, he was the first network evening news anchor to report from the site of the Oklahoma City bombing.

In the aftermath of the September 11 attacks, Brokaw was

a steady presence for television news watchers. Since then, his firsthand reports from Beirut, Lebanon and Israel have delivered front-line news coverage on the Middle East.

As *NBC's* major political reporter, Brokaw has covered every presidential election since 1968. From 1973-76, he was *NBC's* White House correspondent, and from 1984-2000, Brokaw anchored all of *NBC's* primary, convention and election-night coverage.

In 1998, Brokaw's first book became an instant best seller. *The Greatest Generation* — a tribute to

the generation of Americans born in the 1920s who came of age during the Great Depression, fought in World War II and built modern-day America — was so successful that it spawned his second book, *The Greatest Generation Speaks*, and a third related text, *An Album of Memories: Personal Memories From the Greatest Generation*.

This month, his memoir, *A Long Way From Home: Growing Up in the American Heartland*, will be released.

Brokaw's journalistic awards include several Emmys, a Peabody. See Founders Day, Page 6

New findings, technology unveiled at conference

By TONY FITZPATRICK
AND DARRELL E. WARD

Science journalists from every region of the United States and various parts of Canada swooped upon the Heartland Oct. 27-30 to attend the 40th Annual New Horizons in Science Briefing, a function of the Council for the Advancement of Science Writing.

The University hosted the event, held at The Ritz-Carlton in Clayton, the Charles F. Knight Executive Education Center on the Hilltop Campus and other locations on the Hilltop and Medical campuses.

The purpose of the conference was to brief reporters who cover science, technology and medicine on new trends and techniques. The journalists filed stories on the spot and took notes and conducted interviews for future stories.

The University had numerous presenters at the conference.

On Oct. 27, the journalists heard John-Stephen A. Taylor, Ph.D., professor of chemistry in Arts & Sciences, explain his chemotherapy-alternative technique, which he refers to as a "nucleic acid-triggered catalytic drug release." This is a sophisticated drug-releasing system that is able to recognize and use cancerous gene sequences as triggering mechanisms for the drugs that fight them.

Taylor also discussed collaboration with Karen L. Wooley, Ph.D., professor of chemistry, in using his system in conjunction with Wooley's specially designed nanoparticles, called "knedels."

Wooley then discussed how her work with nanoparticles has led to her developing a group of nontoxic "antifouling" coatings that may one day inhibit marine organisms such as barnacles, tube worms and others from attaching to ship hulls and other marine structures.

Two faculty members from physics in Arts & Sciences led the Oct. 27 afternoon session, "In Search of Cosmic Mayhem."

James H. Buckley, Ph.D., associate professor of physics, described his work analyzing

bursts of gamma rays released from massive black holes at the centers of so-called "active galaxies." He described experiments that may soon reveal more information about the nature of the "dark matter" that comprises the majority of our own galaxy.

Wai-Mo Suen, Ph.D., professor of physics, followed Buckley and discussed gravity waves — completely new kinds of waves, predicted by Einstein's theory of general relativity — that are expected soon to reveal previously unattainable mysteries of the universe.

J. Perren Cobb, M.D., associate professor of surgery, opened the Oct. 28 program by describing research he is leading as part of a national effort to understand the body's response to critical illness and traumatic injuries such as motor vehicle accidents, gunshot wounds and burns.

On Oct. 29, three School of Medicine investigators presented new methods for imaging and watching biological changes in living animals.

David Piwnica-Worms, M.D., Ph.D., professor of radiology and

See Conference, Page 6



MARY BURTONS



MARY BURTONS

At top, (from left) Jerry E. Bishop, president of the Council for the Advancement of Science Writing (CASW); Tom Siegfried of *The Dallas Morning News*; and Robert Boyd of the Knight Ridder news bureau meet Lewis, a fully autonomous mobile robot that takes photographs, at a reception Oct. 27 at the 40th Annual New Horizons in Science Briefing, which the University hosted Oct. 27-30. Developed by William D. Smart, Ph.D., and Cindy M. Grimm, Ph.D., assistant professors of computer science in the School of Engineering & Applied Science, Lewis uses artificial intelligence techniques to navigate through crowds, detect faces and plan good photo compositions. The robot was making its St. Louis debut and taking pictures at the reception. Above, Chancellor Mark S. Wrighton (left) talks with Ben Patrusky, executive director of CASW, before the chancellor delivered an official welcome to conference attendees.

Flex spending open enrollment runs Nov. 1-30

Faculty and staff wanting to save money on out-of-pocket health- and/or child-care expenses can enroll in the University's Flex Spending Plans for calendar year 2003 during the open enrollment period from Nov. 1-30.

These plans allow employees to avoid paying federal, state and Social Security/Medicare taxes on money specifically set aside from their paychecks into the spending accounts. The annual limit is \$5,000 (increased this year) for the health-care spending plan and \$5,000 for the dependent child-care spending plan. Employees can enroll in either plan or both.

Interested employees — even those who are currently enrolled for 2002 — must enroll before Nov. 30 to ensure their participation for 2003.

Those expenses not covered by health, dental, prescription drug or vision benefits can be reimbursed from the pre-tax health-care spending account.

Examples of some qualifying expenses include deductibles, co-insurance, office visit co-pays, prescription drug co-pays, hospital emergency room co-pays, non-covered prescriptions, eyeglasses, contact lenses and hearing aids.

Child-care expenses include services provided by a licensed day-care center, preschool or baby sitter. To be eligible, this service must be rendered for the sole purpose of allowing a single parent, both spouses of a married couple or both a parent and their domestic partner to work or to seek an education on a full-time basis.

"Our employees who are enrolled in these plans enjoy a definite tax savings," said Tom Lauman, director of benefits in human resources, "a current tax savings that won't be deferred or paid later like our retirement plan."

There are important limitations and forfeiture rules to consider when enrolling in these plans.

Once enrolled, employees are not allowed to change or cancel their contributions during that year unless they experience a family status change — for example, marriage, divorce or legal separation.

See Enrollment, Page 7

National graduate student event hosted by University

By SUSAN KILLENBERG MCGINN

The University is the host institution for the National Association of Graduate Professional Students (NAGPS) 17th annual conference Nov. 6-10.

NAGPS' membership includes 200 graduate student associations and graduate schools representing 900,000 graduate and professional students studying in the United States.

The nonprofit organization acts as a clearinghouse for graduate and professional student organizations, serves as an advocacy group for graduate-professional student needs and rights, and addresses a broad range of issues of concern to graduate and professional students.

Among the issues that will be discussed during the conference are diversity in graduate schools, career preparation and development and student loan forgiveness for students entering the nonprofit sector.

"We are delighted to host the annual NAGPS meeting this year, as we have long encouraged our graduate student leaders to participate in NAGPS functions," said Robert E. Thach, Ph.D., dean of the Graduate School of Arts & Sciences. "Many of our students have assumed prominent roles in the organization. The kind of responsible leadership NAGPS exercises has never been more important."

Joyce Divine, president of the University's Graduate-Professional Council and a doctoral candidate in biology and biomedical sciences in Arts & Sciences, will welcome the group during the opening session Nov. 6 at the Radisson Hotel in Clayton.

"It is wonderful that Washington University is hosting this NAGPS conference," Divine said, "because our University has a long history of graduate students' participation in University committees and the decision-making process, which can serve as a model for other institutions."

Washington University graduate students will present a session in Eads Hall on "Enhancing

the Graduate Student Experience: Mentoring, Community and Professional Development."

Jessica Logan, Christina Linsenmeyer-van Schalkwyk and Robert Buchwaldt, members of the Graduate Student Senate of Arts & Sciences, will address "Peer and Faculty Mentoring"; Divine will focus on "Building a University-wide Graduate Student Community"; and David Callon and Jason Kaufman, Liberman graduate fellows in Arts & Sciences, will discuss "Using Technology to Enhance Professional Development."

Chancellor Mark S. Wrighton will welcome the attendees at a lunch Nov. 9 in Holmes Lounge in Ridgley Hall.

That evening, the Graduate School of Arts & Sciences will host a reception in the Charles F. Knight Executive Education Center, followed by an awards dinner featuring an address by Orlando Taylor, dean of Howard University's Graduate School. The title of his talk is "Academic, Research and Professional Leadership in the Global Community and the New American Century."

Other Washington University participants include Thach, who will discuss "Graduate Student Participation in University Governance," and Martha Turner, associate director of the International Student Office, who will address international student issues.

Eric Misiano serves as chair of the University's planning committee for the conference. Committee members are Elaine Berland, Ph.D., associate dean of the Graduate School of Arts & Sciences, Martha Vicente, administrative aid in the school, and graduate students Buchwaldt, Divine, Scott Hendrickson, Audrey Krause, Linsenmeyer-van Schalkwyk and Trina Williams.

For more information about the conference, call the Graduate School of Arts & Sciences at 935-7355 or e-mail the Graduate Professional Council at



I'll get you, my pretty Junior Miranda Todd (right) asks 3 1/2-year-old Rachel Braver about her Cinderella costume at the Wohl Student Center haunted house Oct. 26. Looking on are Rachel's parents — Deanna M. Barch, Ph.D., and Todd S. Braver, Ph.D., assistant professors of psychology in Arts & Sciences. The event was part of Safe Trick or Treat in the South 40, which provides an opportunity for St. Louis-area children to trick or treat in a safe environment. More than 275 children participated.

Armantrout to present for Writing Program Reading Series

By DOLSY SMITH

Poet Rae Armantrout will read from her work at 8 p.m. Nov. 7 for The Writing Program Reading Series.

The reading is free and open to the public and takes place in Hurst Lounge, Duncker Hall, Room 201. A book signing will follow the reading and copies of Armantrout's works will be available for purchase.

Armantrout is the author of eight books of poetry — most recently *The Pretext* (2001) and *Veil: New and Selected Poems* (2001) — and a prose memoir, *True* (1998).

Her work has appeared in numerous literary journals and anthologies, including *American Women Poets of the 21st Century* (2002); *Poems for the Millennium* (1998); and *The Best American*

Poetry for 1989, 2001 and 2002.

Veil was a finalist for the PEN Center USA Award in Poetry, and Armantrout also has received two Fund for Poetry grants as well as a fellowship from the California Arts Council.



Armantrout

appeared in 2000.

She currently teaches writing at the University of California, San Diego.

A Wild Salience: The Writing of Rae Armantrout, which collects essays on her work by contemporary poets such as Robert Creeley and Ron Silliman,

Mary Jo Bang, assistant professor of English in Arts & Sciences, said that Armantrout's poems "invite the reader to listen in on a play in progress. We become human satellite dishes poised to pick up bits of a script that never quite coheres but instead perfectly suggests the disjunctive world in which we live. ...

"Armantrout's is an incisive gaze that looks with suspicion not only on every scene, but every scene's representation," Bang continued. "In doing so, she forces us to examine our assumptions about language, as well as the 'reality' we are asked to presume it represents. Her highly condensed poems are intelligent, witty and absolutely original."

For more information on the reading, call 935-7130.

Rowley to read for Art of Biography Series Nov. 4-5

Hazel Rowley, author of *Richard Wright: The Life and Times* (2001), will read from her work at 7 p.m. Nov. 4 at the West Campus Conference Center for the International Writers Center in Arts & Sciences as part of the Art of Biography series.

In addition, Rowley will lead a seminar and audience discussion on literary biography at 4 p.m. Nov. 5 in McMillan Café in Old McMillan Hall, Room 115.

Both events are free and open to the public. Copies of Rowley's work will be available to purchase, and a book signing and reception will follow each program.

Rowley's first book, *Christina Stead: A Biography*, won the Australian National Book Council's Banjo Nonfiction Award — the Australian equivalent of the Pulitzer Prize — in 1993 and, the following year, was named a *New York Times* notable book.

Richard Wright was among *The Washington Post's* 2001 Book World Raves and received cover reviews in *The New York Times*, *The Washington Post*, the *Chicago Tribune*, and *The Philadelphia Inquirer*.

Rowley has published numerous essays and book reviews, frequently on race issues, in *Partisan Review*, *Antioch Review*, *The London Times*, *The Boston Globe*, *The Washington Post*, *The Nation* and the *Los Angeles Times*.



Rowley

"Mockingbird Country," about Harper Lee, was published in *The Best Australian Essays* (1999). "Barbed Wire and Barking Dogs," about race in America, is forthcoming in *DoubleTake*.

In *Richard Wright*, Rowley weaves newly discovered material about Wright's life with quotations from the author's own work to create an authoritative and engaging portrait.

Arnold Rampersad, author of *The Life of Langston Hughes*, described Rowley's book as "tirelessly, imaginatively researched and elegantly written," adding that it "examines this enigmatic native son with an exacting but also finely sympathetic eye."

The result is a portrait of uncommon penetration and skill — surely one of the finest literary biographies to appear in many a year."

Rowley, commenting on her biographical writing style, states that her goal is "to write a good story and provide the facts. But I like the reader to do the work. I don't want to tell the reader what to think."

Of *Richard Wright*, she said, "I just wanted to talk about an extraordinary life. And after all, there has been an immense amount of scholarly stuff written about Richard Wright. I didn't feel that that was my job. I wanted to draw attention to this amazing life."

For more information call 935-5576.

PICTURING OUR PAST



It's one of the most festive times of the year — Homecoming. Things haven't changed much from 1982 (above) — students still show their school spirit, competitions are held throughout campus, the chancellor hosts several dinners and lunches during the week for various groups, and of course there's The Game. While other sports play during Homecoming week, the football game is usually the big draw. In 2001, the Bears won their Homecoming game, 46-0, against the University of Rochester. This season, the Bears hosted Case Western Reserve University Oct. 26 in the Homecoming tilt; WUSTL persevered in a slugfest, 49-42. (See Sports, Page 7.)



Washington University will be celebrating its 150th anniversary in 2003-04. Special programs and events will be announced as the yearlong observance approaches.

School of Medicine Update

Schonfeld named Schechter professor

By DANIEL SIEGEL

Gustav Schonfeld, M.D., has been named the first Samuel E. Schechter Professor of Medicine.

The professorship was established by Samuel E. Schechter, M.D., professor emeritus of medicine and a 1941 alumnus.

Chancellor Mark S. Wrighton and William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine recently made the announcement.

"I would like to express my greatest appreciation to Dr. Schechter for his charitable gift and the years of commitment he and his family have devoted to the pursuit of academic excellence at our institution," Wrighton said. "His generosity to the school will enable invaluable research and bring benefit to many."

The new professorship will be used to continue Schonfeld's lifelong research in the field of atherosclerosis (the accumulation of fatty deposits on artery walls) and the prevention of coronary artery disease.

"I can think of no one better suited to be the first recipient of this professorship than Gustav Schonfeld, one of the great people of Washington University and a highly accomplished academician," Peck said. "I am sure that this will be a superb capstone to a phenomenal career."

Schonfeld earned a bachelor's degree from the University in 1956 and a medical degree from the medical school in 1960. He returned to St. Louis in 1963 to serve as chief resident of internal medicine at the former Jewish Hospital before joining the University faculty in 1972 as director of the Lipid Research Division.

In his 30 years here, he has occupied many academic positions, including head of the Division of Atherosclerosis, Nutrition and Research, the William B. Kountz Professor of Medicine, the Adolphus Busch Professor of Medicine and chair of the Department of Internal Medicine.

Schonfeld is renowned for his work on heart disease and cholesterol. His research focuses on a protein called apolipoprotein B (apoB), a main component of lipoprotein also known as "bad" cholesterol.

He discovered that lipoproteins are affected by changes in diet, hormone status and genetic factors. These studies have influenced the design of low-cholesterol diets used today.

Schonfeld now employs modern genetic techniques to examine how low-cholesterol syndromes are inherited. His research has revealed that various genetically induced alterations in apoB are responsible for low cholesterol levels in humans and mice.

He currently is attempting to identify a second low-cholesterol causing gene on chromosome 3.

Schonfeld and Schechter are colleagues and longtime family friends.

Born in the Czechoslovakian town of Munkacs, Schonfeld and his family experienced the atrocities of the Holocaust firsthand. At age 10, he and all of the Jews in his hometown were taken to concentration camps.

Schonfeld credits his father, Alexander, for keeping him alive while the two were separated from their family and shipped to several concentration camps. The Holocaust claimed the lives of his grandmother and his 7-month-old brother, Solomon.

Reunited with his mother after the war, Schonfeld and his parents immigrated to the United States in 1946 and settled in St. Louis. Schonfeld's father, a physician, resumed practicing medicine in East St. Louis, where non-U.S. citizens were allowed to practice medicine after passing the state board exam.

Alexander also became a medical intern at the University, working for Samuel E. Schechter, M.D., a young internist at the time. The two families have been friends ever since.

While the Schonfelds were being victimized by the Nazis, Schechter was abroad fighting the war. Having already begun his internship at Jewish Hospital, Schechter put his career on hold and enlisted in the U.S. Air Force. After training, Schechter was sent abroad to help the war effort in London, France and eventually Germany.

After the war ended, Schechter returned to Germany to help at prisoners of war camps along the Rhine River. He then moved back to St. Louis to continue his residency at Jewish Hospital.

After a few months in pathology, Schechter transferred to the Department of Internal Medicine. There he not only met Schonfeld's father, but also the woman who would later become his first wife, Rena Felstein, a University alumna who worked at the Heart Station at Jewish Hospital.

The Schechters have four children: Leslie, Miriam, Kay and David; the latter three attended the University.

Miriam now is a psychiatrist at a private practice in Milwaukee and has two sons, one of whom attends the University. Kay, a graduate of the George Warren Brown School of Social Work, is a career-development consultant in St. Louis.

After battling depression for many years, the disease claimed the lives of two of Schechter's children, Leslie, 31, and David, 38. In their honor, Schechter established the David Joel Schechter and Leslie Schechter Memorial Fund for Research in Depression.

In memory of his wife, who died of pancreatic cancer at age 72 in 1995, Schechter began the annual Rena Schechter Memorial Lecture in Cancer Research. Last spring he married longtime friend Norma Bonham.

Schechter still regularly attends the Department of Medicine's grand rounds and works on the archives at the Bernard Becker Medical Library.

Schechter also received the Second Century Award from the medical school last month in recognition of his significant role as both a member of and a contributor to the medical school.



On the ball Philip V. Bayly, Ph.D., associate professor of mechanical engineering, heads a soccer ball while a helmet-like apparatus, which features three acceleration sensors, monitors the impact of the ball at the "Biomechanics of Soccer Heading" lab tour for science writers at the 40th Annual New Horizons Science Briefing Oct. 29. The device, designed by University engineers, and a camera system help researchers assess head damage that may occur while playing soccer. Recent studies indicate that players score lower on some cognitive tests after heading a soccer ball a few thousand times.

Lung-cancer screening needs volunteers

By DARRELL E. WARD

Long-term and heavy smokers between the ages of 55-74 are needed for a School of Medicine study that compares two methods for screening people at high risk for lung cancer.

Both current and former smokers are eligible.

Lung cancer is the leading form of cancer in the United States. An estimated 169,000 new cases are expected this year, and 155,000 will die of the disease. Cigarette smoking is the leading cause of the disease.

The National Lung Screening Trial, which is being conducted by the National Cancer Institute, will compare screening with spiral computerized tomography (spiral CT) to screening with standard chest X-rays for effectiveness in reducing the number of deaths due to lung cancer.

Screening tests are used to detect disease before any symptoms appear. Presently no lung-cancer screening test has been proven to save lives.

David S. Gierada, M.D., assistant professor of radiology, is directing the study at the University, which is one of multiple sites participating in the national trial.

The study is expected to enroll 50,000 people and last for eight years, but it could end sooner if there is strong evidence that one

test is more effective than the other.

Patients who enroll in the study will randomly receive either a spiral CT scan or chest X-ray screening test annually for three years. Follow-up will continue for several years thereafter through telephone and mail contacts. The screening tests are free.

For more information or to volunteer for the study, call Volunteer for Health at 362-1000.

Alzheimer's drug trial needs volunteers

Volunteers with mild to moderate Alzheimer's disease are needed to test an investigational drug.

Physically healthy individuals who are at least 50 years old may qualify for the study. Participants

must be accompanied by a caregiver and will receive study medications and nine evaluations over a five-month period free of charge.

For more information, call Sally Muich at 286-1967.



Birthday bash John W. McDonald (left), M.D., Ph.D., and Pat Rummerfield (right) of the Spinal Cord Injury Program join Christopher Reeve and other celebrities at Reeve's 50th birthday fundraising event in New York City Sept. 25. Reeve's medical progress, chronicled by McDonald in the September issue of the *Journal of Neurosurgery: Spine*, generated hundreds of national and international news stories for the School of Medicine and was featured in an hour-long documentary on ABC. The case study is the first documentation of partial recovery more than two years after traumatic spinal cord injury. Other media placements include *Time*, *Newsweek*, *People Magazine*, *The New York Times*, *The Washington Post* and *USA Today*.

On the Web

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University Events

Bill Kohn: A Forty-Year Retrospective at Des Lee Gallery

BY LIAM OTTEN

From Parisian bridges to Southwestern vistas to the now-destroyed Bamiyan Buddha in Afghanistan, Bill Kohn has documented a lifetime of travels in sweeping, mural-like landscape paintings and rich, color-saturated watercolors.

The School of Art will honor the distinguished professor emeritus with *Bill Kohn: A Forty-Year Retrospective*. The exhibition traces Kohn's artistic evolution from abstraction to figuration to his signature — luminescent studies of natural and architectural forms.

The show opens with a reception from 5-7 p.m. Nov. 9 at the Des Lee Gallery, 1627 Washington Ave., and remains on view through Jan. 2. Both the exhibition and reception are free and open to the public.

Kohn's landscapes have their origins in the early 1970s, when he began using colored lights and blocks of Styrofoam as the basis for still-life paintings. Soon, those works "began to feel like deserted cities," Kohn recalled. "The next step was to say, 'Wait a minute, I can just get up on top of a building.'"

In the years since, Kohn's subjects have ranged from the small towns of Andalusia to the pyramids of Oaxaca, Mexico, to the sandstone fortress of Jaisalmer, in India's Thar Desert.

In *Sears Sundial: Four PM* (1985), the famous Chicago skyscraper casts a long shadow over a cityscape awash in the golds and purples of late afternoon. In *Giotto* (2002), the crowded, umber roofs of Florence wind their way into the sun-drenched distance.

Kohn typically sketches on-site then later adjusts, flips and col-

Exhibition

Who: Bill Kohn

What: *Bill Kohn: A Forty-Year Retrospective*

Where: Des Lee Gallery, 1627 Washington Ave.

When: Nov. 9-Jan. 2; reception 5-7 p.m. Nov. 9 (free and open to the public); performances 8 p.m. Nov. 9, 3 p.m. Nov. 10 (\$12, \$6 for students)

Hours: 4-7 p.m. Fridays, 11 a.m.-6 p.m. Saturdays, 1-4 p.m. Sundays and by appointment

Sponsor: School of Art

For more information, call 621-8735.

lages those first impressions into final compositions.

"I can move mountains, and I have," he quipped, referring to works such as *Grand Canyon, Plateau Point* (1992), an epic, cinemascopic vision of rocky, pink and blue mesas. "Working on-site is very much about responding to what's in front of me. The censoring and the decision-making are done with the acrylics."

"I do a lot of looking for where the light is, and there's a great deal of simplifying," Kohn continued. "I want the abstract qualities to be as strong as they can, but without losing a sense of place. What the Duomo (in Florence, Italy) has, for example, is so powerful that I want to include it."

From there, "It's a matter of incorporating many, many points of view — up above and down below, through streets, from near and far."

Kohn, a St. Louis native, earned a bachelor's degree in

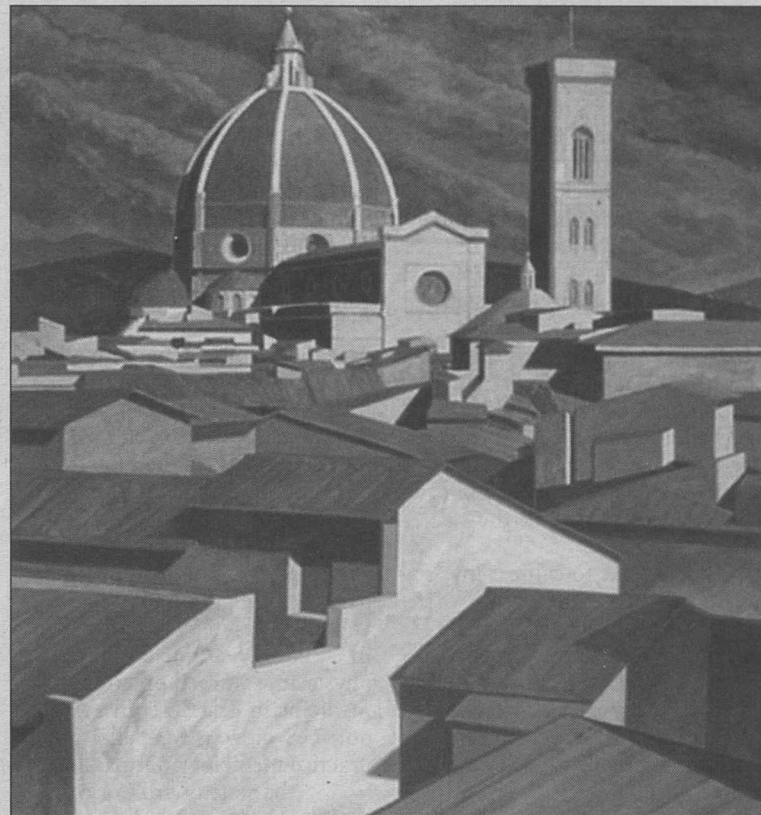
graphic communications from the University in 1953 and studied in Paris with master print-maker Stanley Hayter. After a tour with the U.S. Army, he lived in Mexico City and then earned a master's of arts degree from Mills College in Oakland, Calif.

He joined the School of Art faculty in 1963.

Kohn continues to maintain both home and studio in the Skinker-DeBaliviere neighborhood — only blocks from the Central West End, where he grew up.

His work has been featured in one-person shows at the Saint Louis Art Museum; the Jan Cicero Gallery in Chicago; and the University of Baroda in India, among many others. Last February, he received the 2002 Missouri Arts Award, the state's highest honor for achievement in the arts.

Des Lee Gallery hours are 4-7 p.m. Fridays, 11 a.m.-6 p.m. Saturdays, 1-4 p.m. Sundays and by appointment. For more information, call 621-8735.



Bill Kohn, *Baglioni* (2002), acrylic on canvas, 85 inches by 62 inches.

Performances held in conjunction with exhibition

In addition to the exhibition, Bill Kohn will host performances at the Des Lee Gallery re-enacting some of the multimedia works — created in collaboration with musicians, dancers, poets and photographers — that have marked his exhibition openings since 1970.

The program includes excerpts from eight previous pieces, including *Pilgrimage to the Virgin of Rocío*, based on the Spanish festival; and *Machu Picchu/Sacred Light*, inspired by the ancient Incan city.

The show also includes one new composition, *Brunelleschi e*

noi, with music by Rich O'Donnell and photography and video by Dale Dufer and Debbie Lum. The work is based on Kohn's recent studies of Filippo Brunelleschi's famous cathedral, the Duomo, in Florence, Italy.

(The Duomo paintings are featured in a concurrent exhibition at Elliot Smith Contemporary Art, 4727 McPherson Ave., from Nov. 1-Dec. 1.)

The multimedia performances begin at 8 p.m. Nov. 9 and at 3 p.m. Nov. 10. Tickets are \$12, \$6 for students, and are available at the Edison Theatre Box Office (935-6543).

Performers include O'Donnell, singular drum and electronics; Paul Thompson, baroque flute; Maryse Carlin, harpsichord; and Jeff Noonan, lute.

Both a catalog (\$10) and DVD recreating six multimedia works (\$20) will be available for purchase at the gallery. For more information about the performances, call 621-8735.

An additional performance will be held at 8 p.m. Nov. 8 as a benefit for the New Music Circle. For ticket prices or more information, call 567-5384.

— Liam Otten

The Martian Chronicles • Emergence of Life • The Future of Social Work

"University Events" lists a portion of the activities taking place at Washington University Nov. 1-14. Visit the Web for expanded calendars for the Hilltop Campus (www.wustl.edu/calendar) and the School of Medicine (medschool.wustl.edu/calendars.html).

Exhibitions

Targets. Christian Jankowski, video artist. Through Dec. 8. Gallery of Art. 935-4523.

H.W. Janson and the Legacy of Modern Art at Washington University in St. Louis. Exhibition from the University collection. Through Dec. 8. Gallery of Art. 925-4523.

Lectures

Friday, Nov. 1

7:30 a.m.-4:55 p.m. Continuing Medical Education course. "Neurotherapeutics in the Elderly." (Also Nov. 2, 8:30 a.m.-noon.) Cost: \$155. Eric P. Newman Education Center. 362-6891.

8 a.m. Radiation Oncology lecture. Annual Carlos A. Perez Endowed Lectureship in Oncology. "Improved Outcomes in the Treatment of Lung Cancer." James D. Cox, prof. and chair of radiation oncology, M.D. Anderson Cancer Center, U. of Texas, Houston. Barnes-Jewish Hosp. Bldg., Steinberg Amphitheatre. 362-2866.

Noon. Politics, Ethics and Society lecture. "The Politics of Linguistic Individuality in Humboldt and Habermas." Gerald Izenberg, prof. of history. Eliot Hall, Rm. 300. 935-5812.

Monday, Nov. 4

Noon. Molecular Biology and Pharmacology Lecture. "Embryogenomics of Mouse Early Embryos and Stem Cells." Minoru S.H. Ko, sr. investigator and section chief, National Inst. on Aging, Bethesda, Md. South Bldg., Philip Needleman Library, Rm. 3907. 362-0183.

Noon-1 p.m. Work, Families, and Public Policy Seminar Series. "Routine." Daniel Hamermesh, Edward Everett Hale Centennial Professor of Economics, U. of

Texas, Austin. Eliot Hall, Rm. 300. 935-4918.

4 p.m. Immunology Research Seminar Series. "Initiation of an Autoimmune Response: Location is Everything." Paul Allen, Robert L. Kroc Professor of Pathology and Immunology. Eric P. Newman Education Center. 362-2763.

4:15 p.m. Classics colloquium. "Was Dido a Blond (e)?" Shelley Haley, prof. of classics, Hamilton College, Clinton, N.Y. Sponsored by African and Afro-American Studies and the office of the Chancellor. (Reception, 5:30 p.m., Gallery of Art.) Steinberg Hall Aud. 935-5123.

7 p.m. Architecture Monday Night Lecture Series. "Pietila in the Finnish Context." Raili Pietila widow of architect Reima Pietila, and Aino Niskanen, chair of architecture, Helsinki U. of Technology, Finland. Steinberg Hall Aud. 935-6200.

Crow Hall, Rm. 204. 935-6276.

4:15 p.m. Classics lecture. "Against All Odds: Black American Women Classicists in the Nineteenth Century." Shelley Haley, prof. of classics, Hamilton College, Clinton, N.Y. Sponsored by African and Afro-American Studies and the office of the Chancellor. (Reception, 5:30 p.m., Gallery of Art.) Steinberg Hall Aud. 935-5123.

5 p.m. Medical Ethics lecture. Daniel Bisno Lecture on Ethics in Medicine. "Is Medicine Still a Profession — And if so, Why?" Edmund D. Pellegrino, prof. emeritus of medicine and medical ethics, Georgetown U. Eric P. Newman Education Center. 362-7012.

Thursday, Nov. 7

Noon. Genetics Seminar Series. "Germ Cells." Christopher Wylie, William Schuber Chair of Pediatrics, Cincinnati Children's Hospital Medical Center, Ohio. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

3 p.m. Basic Science Seminar Series. Timothy Bestor, prof. of genetics and development, Columbia U. Sponsored by the Siteman Cancer Center. Eric P. Newman Education Center. 454-8566.

3 p.m. Engineering lecture. Mechanical Engineering Sesquicentennial Colloquium Lecture. "A Brief History of Computational Fluid Dynamics and its Impact on the Analysis and Design of Air and Space Vehicles." Ramesh Agarwal, William Palm Professor of Engineering. Cupples II Hall, Rm. 100. 935-4856.

4 p.m. Ophthalmology and Visual Science Seminar Series. "Lens Fiber Cells: 'United We Stand.'" Valery I. Shestopalov, research asst. prof. of ophthalmology and visual sciences. McDonnell Medical Sciences Bldg., Rm. 928. 362-1006.

4 p.m. Physics seminar. "Applications of Optical Pumping and Polarization Techniques in NMR." Boyd M. Goodson, asst. prof. of physical chemistry, Southern Ill. U. at Carbondale. Sponsored by the St. Louis Section of the American Chemical Society. (Coffee, 3:45 p.m., reception and discussion follow seminar.) 935-6276.

Author Gross to deliver Holocaust Memorial Lecture

BY KURT MUELLER

Author Jan T. Gross will deliver the annual Holocaust Memorial Lecture at 11 a.m. Nov. 6 in Graham Chapel as part of the University's Assembly Series.

Gross will discuss his recent book, *Neighbors: The Destruction of the Jewish Community in Jedwabne, Poland*, and the effects his revelations have had on a community dealing with such a horrific legacy.

In *Neighbors*, Polish-born Gross tells us the story of the massacre of 1,600 Jewish residents of Jedwabne, Poland, in July 1941, perpetrated not by their Nazi enemies as originally believed, but by their gentle neighbors.

What really happened, as indicated by documents unearthed by Gross, has deep

and tangled roots that reach centuries back. Until recently, the participation of Poles in these murders has been denied.

A memorial plaque erected in Jedwabne in 1962 blamed the destruction of the town's Jewish population on the Gestapo and German police units. During the furor that followed the publication of *Neighbors* in Poland in 2000, the plaque was removed.

Gross has been a politics and European studies professor at New York University since 1991. He has received numerous honors, awards and fellowships, including the Distinguished Humanist award from Ohio State



Assembly Series

Who: Author Jan T. Gross

Where: Graham Chapel

When: 11 a.m. Nov. 6

Admission: Free and open to the public

University in May.

Gross attended Warsaw University and the University of Oxford, and he earned a doctorate from Yale University in 1975.

Neighbors has been translated into several European languages as well as Hebrew.

All Assembly Series lectures are free and open to the public. For more information on Gross' talk, call 935-4620 or visit the Assembly Series Web site, wupa.wustl.edu/assembly.

Author Mitchell to discuss 21st-century campus design

By LIAM OTTEN

New York City rose on steel frames and elevators; Los Angeles sprawled beneath automobile wheels; Las Vegas breathes thanks to slot machines and air conditioners. In other words, technology shapes the built environment.

Next month, William Mitchell, dean of the School of Architecture and Planning at the Massachusetts Institute of Technology and perhaps our foremost theorist of architecture in the digital age, will speak on "Campus Design for the 21st Century" for the University's Visual Arts and Design Center.

The talk is free and open to the public and begins at 7 p.m. Nov. 7 in the University's Steinberg Auditorium, located in the Gallery of Art in Steinberg Hall. A reception will follow.

In recent years, Mitchell, who also serves as architectural adviser to the president of MIT, has helped guide the development of a series of major campus projects with such internationally renowned architects as Charles Correa, Frank Gehry, Stephen Holl, Kevin Roche and Fumihiko Maki. (Maki is also the architect of the University's planned Visual Arts and Design Center.)

In his best-selling book *City of Bits: Space, Place, and the Infobahn* (1995), Mitchell speculated about the complex web of digital and communications technology that increasingly defines our daily lives, hypothesizing the development of such (then-seemingly) futuristic devices as low-

orbit satellites, intelligent houses and wearable computers woven into clothing.

In *E-Topia: Urban Life, Jim — But Not As We Know It* (1999), he argued for new, more expansive definitions of architecture and urban design that recognize the growing importance of "virtual" spaces.

Other publications include *Computer-Aided Architectural Design* (1977); *The Poetics of Gardens* (1993), with Charles W. Moore and William Turnbull Jr.; *The Logic of Architecture: Design, Computation, and Cognition* (1990); *The Reconfigured Eye: Visual Truth in the Post-Photographic Era* (1992); and, with Donald A. Schön and Bish Sanyal, *High Technology and Low-Income Communities* (1998).

Born and raised in Australia, Mitchell earned degrees from the University of Melbourne, Yale University and the University of Cambridge. From 1978-1991, he was a founding partner of The Computer-Aided Design Group, the software company that created and marketed CAD and facilities-management systems.

Before coming to MIT, he directed the Master in Design Studies Program at the Harvard Graduate School of Design, and he also served as head of the Architecture/Urban Design Program at Graduate School of



Lecture

Who: William Mitchell, dean, School of Architecture and Planning, MIT

Where: Steinberg Auditorium, Gallery of Art, Steinberg Hall

When: 7 p.m. Nov. 7

Architecture and Urban Planning at the University of California, Los Angeles.

Mitchell is a fellow of the Royal Australian Institute of Architects and the American Academy of Arts and Sciences. In 1997, he was awarded the annual Appreciation Prize of the Architectural Institute of Japan for his "achievements in the development of architectural design theory in the information age as well as worldwide promotion of CAD education."

Washington University's Visual Arts and Design Center is a campuswide umbrella organization for the study and promotion of visual culture. Just as a liberal arts education prepares students to analyze what they hear and read, the Visual Arts and Design Center prepares students to analyze our increasingly complex visual environment.

Through the development of new facilities and innovative academic programs, the Visual Arts and Design Center works to create opportunities for interdisciplinary study and to support new applications for emerging technologies.

For more information on Mitchell's lecture, call 935-4523.



Playing with food Nick Borgmeyer and Katie McKenzie of the School of Architecture, along with classmates Deborah Swibel and Mandy Wiese (not pictured), recently built "Harvest for the Hungry," a 5-foot by 10-foot structure crafted entirely out of canned goods, at the Saint Louis Galleria in Richmond Heights, Mo. The piece is designed to promote the upcoming "Canstruction" contest, an annual benefit for the St. Louis Area Foodbank and the Jewish Food Pantry that takes place Nov. 6-14. The event is sponsored by the Society of Design Administration and the St. Louis Chapter of the American Institute of Architects.

4:15 Classics seminar. "Anti-racist Pedagogy in the Classics Classroom." Shelley Haley, prof. of classics, Hamilton College, Clinton, N.Y. Sponsored by African and Afro-American Studies and the Office of the Chancellor. Eads Hall, Rm. 204. 935-5123.

5 p.m. Art History & Archaeology lecture. "Mastery and Monsters: John Ruskin and Primitivism." Frances Connelly, assoc. prof. of art history, U. of Mo., Kansas City. Steinberg Hall, Rm. 200. 935-5270.

7 p.m. Architecture Monday Night Lecture Series. "Campus Design for the 21st Century." William Mitchell, dean of the School of Architecture, Massachusetts Institute of Technology. Steinberg Hall Aud., 935-6200.

8 p.m. Germanic Languages and Literatures lecture. "The Third Sex: Emancipated Women and Homosexuals at the Turn of the Century." Robert Tobin, assoc. dean of faculty and prof. of German, Whitman College, Walla Walla, Wash. Alumni House Living Room. 935-5106.

Friday, Nov. 8

Noon. Anesthesiology Research Unit Seminar Series. "Fate Determination of Commissural Neurons in the Spinal Cord—Functional Analysis of Genes Using Mouse In Vivo Electroporation." Tetsuichiro Saito, assoc. prof. of development and differentiation, Inst. for Frontier Medical Sciences, Kyoto U., Japan. Clinical Sciences Research Bldg., Rm. 5550. 362-8560.

Noon. Cell Biology & Physiology seminar. "Tale of the LRP Tail." Guojun Bu, assoc. prof. of pediatrics, McDonnell Medical Sciences Bldg., Rm. 426. 362-4690.

4 p.m. Hematology lecture. Annual Carl

Moore Memorial Lecture. "New Insights into Cardiovascular, Renal & Bone Disease from Human Genetic Studies." Richard P. Lifton, chair and prof. of genetics, Howard Hughes Medical Inst., Yale U. Moore Aud., 660 S. Euclid Ave. 362-8801.

4 p.m. Music Lecture Series. "Ravel, Les Six and the New Musical Order in France." Barbara Keele, lecturer in music, Keele U., England. Music Classroom Bldg., Rm. 102. 935-4841.

4 p.m. Neuroscience seminar. "Therapeutic Approaches to Treating AD Plaques and Tangles." Karen Duff, Nathan Kline Inst., N.Y.U. McDonnell Medical Sciences Bldg., Rm. 928. 362-7043.

Monday, Nov. 11

8 a.m.-4:30 p.m. CME STD Clinician Course. Sponsored by internal medicine, infectious diseases div. (Continues through Nov. 19.) Cost: \$110. Registration required. Eric P. Newman Education Center. 747-0294.

4 p.m. Immunology Research Seminar Series. "Molecular Mechanisms Controlling the T cell Antigen Receptor Triggering Threshold." Oreste Acuto, dir., molecular immunology unit, Pasteur Inst., Paris. Eric P. Newman Education Center. 362-2763.

4 p.m. Physics seminar. "Laser-enhanced NMR: New Tools for the Study of Semiconductors." Sophia Hayes, asst. prof. of physics. (Coffee, 3:45 p.m.) Compton Hall, Rm. 241. 935-6276.

6 p.m. Psychiatry CME Program. "Mental Health Effects of Disasters & Terrorism." Carol S. North, prof. of psychiatry. (Dinner, 7:30 p.m.) Cost: \$20. Registration required. Eric P. Newman Education Center. 362-6891.

HIV infection in those over 50 subject of GWB lecture

By JESSICA N. ROBERTS

Sharon Maxwell will speak at the George Warren Brown School of Social Work at noon Nov. 5 in Brown Lounge in Brown Hall.

In addition to discussing the growing rate of HIV infection in adults over 50, Maxwell will speak about her firsthand experience living with both AIDS and polio. Her lecture is sponsored by GWB's Gerontology Student Association.

Maxwell is a representative to the Executive Committee of AIDS Clinical Trials and is a member of the National Institutes of Health's Community Constituency Group, the Women's Health Committee of AIDS Clinical Trials and the

Illinois Prevention Community Planning Group.

Despite myths and stereotypes, many people over age 50 are sexually active, and some are drug users. These behaviors put seniors at risk for HIV infection, just like any other population.

According to the National Association on HIV Over Fifty, between 1991-96, AIDS cases in people over 50 increased more than twice as fast as those among younger adults. Unfortunately, very few HIV prevention or awareness programs target this older population, and the subject is largely overlooked.

For more information about Maxwell's lecture, call Ashley Brooks at 935-8636.

Tuesday, Nov. 12

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Of Fish and Folk: Using Zebrafish to Understand Host Responses to Tuberculosis." Lalita Ramakrishnan, asst. prof. of microbiology, U. of Wash. Cori Aud., 4950 Children's Place. 747-5597.

4 p.m. Anesthesiology Research Unit Seminar Series. Yu Qiang, research assoc. in anesthesiology. Clinical Sciences Research Bldg., Rm. 5550. 362-8560.

4:15 p.m. Earth & Planetary Sciences colloquium. "Emergence of Life: Minerals and the Rise of Complexity in the Early Earth." Robert Miller Hazen, Clarence Robinson Professor of Earth Sciences, George Mason U., Fairfax, Va. McDonnell Hall, Rm. 362. 935-5610.

7 p.m. Architecture Monday Night Lecture Series. Eugene Mackey Lecture. Jorma Ollila, chairman and CEO of Nokia Corp., Espoo, Finland. Sponsored by the Olin School of Business. Steinberg Hall Aud. 935-6200.

7 p.m. University College panel discussion. "Conflict With Iraq: Turning Point or Prelude to War?" Lab Sciences Bldg., Rm. 300. 935-6700

Wednesday, Nov. 13

11 a.m. Assembly Series. "Reports from the Middle East: The Politics of War, Foreign Policy and the Media Since 9/11." Robert Fisk, Middle East correspondent. Graham Chapel. 935-5285.

4 p.m. Biochemistry and Molecular Biophysics seminar. "Structural Biology in the Third Millennium." Steven Almo, prof. of biochemistry, Albert Einstein College of Medicine, New York. Cori Aud., 4950 Children's Place. 362-0261.

4 p.m. Physics colloquium. "The Statistical Mechanics of Popularity." Sidney Redner, prof. of physics, Boston U. (Coffee, Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

Thursday, Nov. 14

11 a.m. Pulmonary and Critical Care Medicine Grand Rounds. Lee Morrow, fellow in pulmonary and critical care medicine. Barnes-Jewish Hosp. Bldg., East Pavilion Aud. 362-6904.

Noon. Genetics Seminar Series. "The Economics of Ribosome Biosynthesis." Jon Warner, prof. of cell biology, Albert Einstein College of Medicine, New York. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

1:10 p.m. George Warren Brown School of Social Work Lecture Series. "The Future of Social Work." Elizabeth Clark, pres., National Assn. Of Social Workers. Brown Hall Lounge. 935-4909.

2:45-7 p.m. Center for the Application of Information Technology Executive Speaker Series and dinner. "Collaborating With CxO's: End the Boom and Bust IT Investment Cycle." Susan

Cramm, columnist, CIO Magazine. Open to CAIT members only. Chase Park Plaza Hotel. 935-4792.

4 p.m. Ophthalmology & Visual Science Seminar Series. "Structure and Functional Mechanism of Lens Alpha-crystallin." Hassane S. Mchaourab, assoc. prof. of molecular physiology and biophysics, Vanderbilt U., Nashville, Tenn. Barnes-Jewish Hosp. Bldg., East Pavilion Aud. 362-1006.

On Stage

Saturday, Nov. 2

8 p.m. Performing Arts Department special event. Doctor Prospero. Gareth Armstrong, actor and director. Co-sponsored by the depts. of English and comparative literature. Cost: \$20, \$10 for senior citizens and students. A.E. Hotchner Studio Theatre. 935-6543.

Music

Thursday, Nov. 7

8 p.m. Jazz at Holmes. Dave Stone, saxophone. Ridgley Hall, Holmes Lounge. 935-4841.

Saturday, Nov. 9

6 & 9 p.m. A capella concert. Amateurs Goin' Pro. Washington University Amateurs. Cost: \$5. Graham Chapel. 324-3437.

8 p.m. Concert. Eliot Trio. Works of Mozart, Brahms, and Shostakovich. Cost: \$15, \$10 for senior citizens & students. Steinberg Hall Aud. 935-4841.

Thursday, Nov. 14

8 p.m. Jazz at Holmes. Willie Akins, saxophone. Ridgley Hall, Holmes Lounge. 935-4841

Sports

Saturday, Nov. 2

11 a.m. Women's Soccer vs. U. of Chicago. Francis Field. 935-4705.

1 p.m. Swimming & Diving vs. Truman State U. Athletic Complex. 935-4705.

1:30 p.m. Men's Soccer vs. U. of Chicago. Francis Field. 935-4705.

Wednesday, Nov. 6

7 p.m. Women's Soccer vs. Webster U. Francis Field. 935-4705.

Friday, Nov. 8

5:30 p.m. Men's Soccer vs. Dominican U. Francis Field. 935-4705.

Saturday, Nov. 9

Noon. Football vs. Carnegie Mellon U. Francis Field. 935-4705.

Worship

Friday, Nov. 1

11:15 a.m. Catholic Mass. Feast of All Saints. (Lunch follows.) Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

Sunday, Nov. 10

8 p.m. Holden Evening Prayer. Sponsored by Lutheran Campus Ministry. Bethel Lutheran Church. (Intersection of Big Bend and Forsyth boulevards.) 863-8140.

And more...

Friday, Nov. 1

4-6 p.m. Master Class. "Hijacking Shakespeare: (Flying Solo With the Bard!)" Gareth Armstrong, actor, director, playwright. Edison Theatre, A.E. Hotchner Studio Theatre. 935-5858.

Monday, Nov. 4

7 p.m. Art of Biography Reading Series. Richard Wright: *The Life and Times*. Hazel Rowley, author. Sponsored by the International Writers Center. West Campus Conference Center, 7425 Forsyth Blvd. 935-5576.

Thursday, Nov. 7

8 p.m. Writing Program Reading Series. Rae Armantrout, poet. (Book signing follows.) Duncker Hall, Rm. 201, Hurst Lounge. 935-7130.

Saturday, Nov. 9

9 a.m. Visiting East Asian Professionals Program student workshops. "Writing Asia: A Journalist's Perspective on Issues in East Asia." (Registration 8-9 a.m.) Registration required. January Hall, Rm. 110. 935-8772.

2:30 Visiting East Asian Professionals Program public forum. "Asia in Print: A Dialogue with Asian and American Journalists." (Reception, 4:30-6 p.m.) Chase Park Plaza, Empire Rm. 935-8772.

Monday, Nov. 11

11 a.m.-4 p.m. Blood drive. Sponsored by Congress of the South 40 and Human Resources. (Also Nov. 12.; Nov. 13 & 14, 5-10 p.m., Wohl Center, Friedman Lounge.) Mallinckrodt Center, Gargoyle. 658-2004.

Founders Day

Distinguished Alumni Awards to be presented

— from Page 1

Award and an Alfred I. duPont Award. He received a special "Honorary Alumnus" degree from the University in 1977.

Born and raised in South Dakota, Brokaw began his journalistic career in 1962 at KMTV in Omaha, Neb., and went on to anchor the late-evening news on WSB in Atlanta before joining KNBC in Los Angeles. From 1976-1981, he hosted NBC's *Today* program.

In addition to Brokaw's talk, six exceptional alumni will receive Distinguished Alumni Awards from the University's Alumni Association. The awards are bestowed upon alumni for demonstrated outstanding professional achievement, public service or exceptional service to the University, or for all three.

This year's recipients are F. Gilbert Bickel III (business, 1966), Zhangliang Chen (Arts & Sciences, 1987), Joseph M. Davie (medicine, 1968), Mark Levin (engineering, 1973, 1974), Thomas E. Lowther (law, 1962, Arts & Sciences, 1999) and Richard B. Teitelman (law, 1973).

F. Gilbert Bickel III

F. Gilbert Bickel has been in the financial services industry since 1966, when he began his career as a securities analyst with Yates, Woods and Co. He worked with several other firms in St. Louis before joining Merrill Lynch in 1988. He now serves as a first vice president of the Merrill Lynch Private Client Group.

His professional service in the St. Louis community extends to a

number of public and private firms. Bickel has been a director of Brentwood Bancshares, Data Research Associates and St. John's Bancshares. He is a member of the St. Louis Financial Analysts Society and the Investment Management Consultants Association.

In addition, Bickel is mayor of Huntleigh, after having served that St. Louis county municipality as an alderman. He has held a number of public official positions and was chosen to be on the Missouri Governor's Commission on Crime.

Also at the local level, Bickel is very involved in charitable and cultural organizations, including the Salvation Army, the United Way of Greater St. Louis, the Saint Louis Zoo and the Today and Tomorrow Foundation, which provides scholarships for needy students in the St. Louis parochial schools.

Bickel has kept a strong connection to the University throughout the years. He earned a bachelor's degree in business administration in 1966. He also earned a master's degree in commerce from Saint Louis University.

For the Olin School of Business, he has served as president of the Olin Alumni Association, and as a member of the Capital Resources Committee, the Seminar Series Programs Committee and the school's National Council.

Currently, he directs the school's Skandalaris Fund and has been active in its Hatchery Program. Furthermore, he has been involved in a number of special events for the Olin School and has served the University as a member of the Alumni Board of Governors and as chair of his class's 25th Reunion Committee.

Zhangliang Chen

Zhangliang Chen is one of China's most prominent scientists. Since coming to the University as a doctoral student in 1983 to study transgenic plant engineering, Chen's academic career has focused on gene cloning and development of disease and pest-resistant plants.

He completed his doctoral degree in biology in 1987 and returned to Beijing to establish the National Laboratory of Plant Genetic Engineering at Peking University.

A prolific scholar, Chen has published seven books and more than 150 research papers. He holds seven patents and has an equal number pending. He is the president of China Agricultural University and vice president of Peking University.

In addition to his academic career, Chen is also founder and president of the Weiming Biotechnology Co., which produces many DNA recombinant drugs, vaccines and some nature products.

An active participant in the Chinese government, he is a representative to China's National People's Congress and vice chairman of the China Biotechnology Association. In addition, he serves as vice chairman for the China National Youth Federation.

Among his many honors are the UNESCO Javed Husain Prize for Young Scientists and *Time* magazine's Global 100 Roster of Young Leaders for the New Millennium, as well as the Science and Technology prizes from the Ministry of Education in China.

Joseph M. Davie

Joseph M. Davie retired from the international biopharmaceutical company Biogen Inc. in 2000 after serving as senior vice president in its Department of Research. During his tenure at Biogen, the company engaged in pioneering research that led to the development of several important new medical therapies.

Prior to joining Biogen, Davie held high-level research positions with G.D. Searle & Co., having worldwide responsibility for its research and development.

From 1975-1987, he chaired the Department of Microbiology and Immunology and was a member of the faculty of the Department of Pathology at the University, coming back after a stint with the National Institutes of Health.

During his tenure in the School of Medicine, he conducted immunological work on B-cell diversification and developed the Hybridoma Center for monoclonal antibodies. Furthermore, he was instrumental in developing the Monsanto agreement, forging a significant partnership between industry and academic medicine.

Davie earned bachelor's, master's and doctoral degrees from Indiana University. He earned a medical degree from Washington University in 1968 and completed his internship in the Department of Pathology at then-Barnes Hospital.

A distinguished scholar, Davie has been widely published. He is a member of numerous professional organizations and has been honored with membership in the Institute of Medicine of the National Academy of Sciences.

He has served on the editorial boards of many prestigious journals, including the *Journal of Immunology* and the *American Journal of Pathology*.

Davie serves the University as a member of the Boston Regional Cabinet. For the School of Medicine, he serves on its National Council, its Capital Campaign Committee and its

Eliot Society Membership Committee.

In recognition of his service, Davie was awarded the medical school's Alumni Achievement Award in 1993.

With his wife, he created the Davie Family Scholarship for medical students.

Mark Levin

Mark Levin is chief executive officer and chairman of the board of directors of Millennium Pharmaceuticals Inc. The company uses molecular medicine to produce novel products in the treatment of cancer and cardiovascular, inflammatory and metabolic diseases.

Millennium markets INTE-GRILIN Injection, used in the treatment of acute coronary syndrome, and has developed Campath, a monoclonal antibody for the treatment of some forms of chronic lymphocytic leukemia.

From 1987-1994, Levin was a partner at the Mayfield Fund, a venture capital firm, and co-director of its Life Sciences Group. While with Mayfield, he founded several biotechnology and biomedical companies, including Millennium, Cell Gynsys Inc., Cyto Therapeutics Inc., Tularik Inc. and Focal Inc.

Prior to joining Mayfield, Levin was in development, manufacturing, marketing and research and development at Genentech, Eli Lilly & Co., Miller Brewing and Foxboro Co.

He earned a master's degree in chemical and biomedical engineering from the University in 1973.

Thomas E. Lowther

Thomas Lowther has been a partner with The Stolar Partnership since 1965 and has been with the firm even before graduating from the School of Law in 1962. During his tenure, the law firm has grown from 11 lawyers to more than 50.

A dedicated and energetic alumnus, Lowther has served in many roles for the University and the School of Law.

As a member of the Alumni Board of Governors for seven years, he served on the Executive Committee as a vice chair of alumni activities and made many contributions in this capacity, especially in the area of career services for alumni. Under his leadership, significant online services were developed for alumni.

For the School of Law, Lowther is a member of its National Council and serves as national vice chair for the school's Campaign Cabinet Annual Fund. He is a member and past president of the school's Executive Committee and co-chairs its 125th anniversary committee.

In addition to the time he gives to his alma mater, Lowther and his wife sponsor a Scholar in Law annually, and they also

recently established an endowed scholarship. In 1997, Lowther was honored with the school's Distinguished Alumni Award.

Lowther's generosity extends to the St. Louis community as well. Since 1996, he has been a member of the board of directors and the president of St. Joseph's Home for Boys and the Marian Hall Residential Center for Girls. He also serves as a co-trustee for the Suzanne Feld Zalk Charitable Trust.

He earned a juris doctoris in 1962 and a master's from University College in Arts & Sciences in 1999.

Richard B. Teitelman

Earlier this year, Gov. Bob Holden appointed Richard B. Teitelman to the Missouri Supreme Court. This appointment followed a three-year stint as a member of the Missouri Court of Appeals.

Most of Teitelman's career, however, has been as a lawyer in the public sector. He served for 23 years with Legal Services of Eastern Missouri, 18 of those years as executive director and general counsel.

As the first legally blind, Jewish judge to serve on the Missouri Supreme Court, issues of equality and accessibility for all people take center stage in his work.

He is a member of the African-American/Jewish Task Force, the Missouri Library Association's Access & Opportunity Steering Committee, FOCUS St. Louis, the Jewish Community Relations Council and the American Federation for the Blind.

Furthermore, he serves on the boards of Paraquad, the United Way Government Relations Committee and the St. Louis Public Library. Throughout his career, he has served the St. Louis and Missouri bar associations in a number of ways.

His dedication to serving the underrepresented has earned him considerable recognition, including the Missouri Bar President's Award and the American Bar Association's Make a Difference Award. His professional awards include the Missouri Bar's Purcell Award for Professionalism, the American Jewish Congress' Democracy in Action Award and the Lawyers Association of St. Louis Award of Honor.

He received the law school's Distinguished Alumni Award in 1999.

A 1973 graduate of the School of Law, Teitelman is a member of the Order of the Coif. He serves the school as a member of the Alumni Executive Committee and was vice chair of the school's Eliot Society membership committee.

Editor's note: This story will conclude in the Nov. 8 Record with profiles of the recipients of the Robert S. Brookings and Distinguished Faculty Awards.



Shirley J. Dyke, Ph.D. (left), associate professor of civil engineering, leads New Horizons in Science Briefing attendees through a tour of her laboratory Oct. 29.

Conference

Numerous University faculty give presentations

— from Page 1

of molecular biology and pharmacology, presented the new art and science of imaging molecular changes in the body and the research under way at the new Molecular Imaging Center at the Mallinckrodt Institute of Radiology.

Jeffrey W. Lichtman, M.D., Ph.D., professor of anatomy and neurobiology, then described work he is doing with University colleagues to transplant color-producing jellyfish genes into mice to study how nerve-cell connections change in the brain during development and learning.

Working at yet another level of biology, David C. Van Essen, Ph.D., the Edison Professor of neurobiology and head of the Department of Anatomy and Neurobiology, presented his work on innovative computerized atlases and tools for visualizing

and analyzing two highly complex components of the brain — the cerebral cortex and the cerebellar cortex.

Also on Oct. 29, Richard A. Loomis, Ph.D., assistant professor of chemistry, discussed his work making "movies" of two molecules reacting. Such videos, occurring at speeds that are hard to imagine, are expected to open chemistry to surprising new possibilities and novel applications.

Ronald S. Indeck, Ph.D., the Das Family Distinguished Professor of Electrical Engineering, explained his patented technique that will allow data searches to be executed 200 times faster than current technology. The technique makes use of existing computing components and puts them to work in novel ways.

Indeck pointed out the need for his technique to keep up with the explosion of data, such as the 1.5 million pages that are added to the Internet each day, and rapidly changing and accumulating intelligence data, which on a daily basis surpasses the Library of Congress.

Record

Washington University community news

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Where to send address changes

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



Washington University in St. Louis

Notables

Introducing new faculty members

The following are among the new faculty members at the University. Others will be introduced periodically in this space.

Lars Angenent, Ph.D., joins the Department of Chemical Engineering as an assistant professor. He earned a master's degree in environmental technology from Wageningen University (Netherlands), and a doctorate in environmental engineering from Iowa State University. In addition, he worked as a postdoctoral research associate at the University of Illinois at Urbana-Champaign and the University of Colorado. His interdisciplinary research concentrates on the interface between environmental engineering and molecular biology. With techniques commonly used in molecular biology he has, for example, described the composition of bioaerosols in swimming pools.

Stuart Solin, Ph.D., joins the Department of Physics in Arts & Sciences as the inaugural holder of the Charles M. Hohenberg Chair in Experimental Physics. He earned a bachelor's degree from the Massachusetts Institute of Technology and master's and doctoral degrees from Purdue University. He has had a distinguished career in both academia and industry, serving as professor of physics at the University of Chicago and at Michigan State University, as director of MSU's Center for Fundamental Materials Research, and as a founding Fellow of the NEC Research Institute Inc. in Princeton, N.J. He is a world-renowned materials physicist, with research on the properties of semiconductors and of carbon, graphite and clay compounds.

Enrollment

— from Page 1

tion, birth or adoption of a child, termination or commencement of spouse's employment, and spouse's health open enrollment.

A special open enrollment brochure will be sent to employees' campus boxes during the first week of November. The brochure provides more detail about the plan benefits, limitations, the reimbursement process, as well as an election form titled "Enrollment Election and Salary Reduction Agreement."

In addition, employees can access this information, election and claim forms from the human resources Web site, hr.wustl.edu.

"We encourage those interested to review this brochure carefully," Lauman said. "We also caution employees to be very conservative and budget only for known or planned expenses for the next year to avoid forfeiture of their remaining balances."

"Those currently participating in the plans for 2002 should expend their remaining balances and submit a claim form and receipts to avoid forfeiture," he added.

Enrollment forms are also available at the human resources office on the Hilltop Campus and the benefits offices at the Medical and West campuses.

Forms must be returned to the benefits office at Campus Box 1190. Late applications will not be accepted.

Of note

John C. Morris, M.D., the Harvey and Dorismae Hacker Friedman Professor of Neurology and professor of pathology and immunology, has received a five-year, \$500,000 grant from the National Institutes of Health as an academic career leadership award for the University's Center for Aging. ...

Linda M. Mundy, M.D., assistant professor of medicine, has received a one-year, \$24,000 United Way Venture Grant to support the efforts of the Faith in Action Coalition at the Helena Hatch Special Care Center. The coalition will put volunteers into the homes of women who have HIV, while providing outreach efforts into the community. The coalition is also supported by a \$35,000 grant from the Robert Wood Johnson Foundation. ...

Jacob E. Locke, M.D., instructor in radiation oncology, has received a five-year, \$618,000 Physician Scientist Mentor Award from the National Cancer Institute for research titled "Indomethacin and p38 Regulating AP-1 in Heat Shock." ...

Victoria L. May, director of science outreach, has received a \$100,000 grant from the Monsanto Fund and a \$25,000 grant from the Dana Brown Foundation; both are to extend and sustain the Modern Genetics for All Students program. ...

Kwee L. Thio, M.D., instructor in neurology, has received a five-year, \$706,557 grant from the National Institute of Neurological Disorders and Stroke for research titled "Mechanisms of Inhibitory Glycine Receptor Modulation." ...

Victor G. Davila-Roman, M.D., associate professor of medicine, has received a five-year, \$635,025 grant from the National Heart, Lung, and Blood Institute for research titled "Cardiac Function and Metabolism in Hypertension." ...

F. Sessions Cole, M.D., the Park J. White Professor of Pediatrics, has received a five-year, \$523,542 grant from the National Institute of Child Health and Human Development for research titled "Mechanisms of Disease in the Newborn Human Infant." ...

Marc R. Hammerman, M.D.,



Commitment to public service Legal Services of Eastern Missouri (LSEM) recently presented a Community Service Award to the School of Law Career Services Office for its longstanding commitment to public service work as well as its increased focus in recent years on public service employment for its students and graduates. Accepting the award are (from left) Rachel Braaf Koehler, associate director of career services, Liz Patton, public service coordinator, Angela Smith, administrative coordinator, Mary Zabriskie, associate director for public service advising, Angel Casey, administrative assistant, Tomea Mayer, director of career services, Mark W. Smith, J.D., associate dean for student services, and JoAnn Eckrich, associate director of financial aid. The award also recognizes the law school's support of LSEM, including the work of numerous law school interns. LSEM provides civil legal assistance to low-income people in 21 eastern Missouri counties.

the Chromalloy Professor of Renal Diseases in Medicine, has received a two-year, \$306,166 grant from the National Institute of Diabetes and Digestive and Kidney Diseases for research titled "Chimeric Kidney." ...

Bruce R. Whiting, Ph.D., research assistant professor of radiology, has received a two-year, \$382,813 grant from the National Cancer Institute for research titled "Radiation Dose Reduction in X-ray Computed Tomography." ...

Michael J. Walter, M.D., assistant professor of medicine, has received a one-year, \$111,618 grant from the National Heart, Lung, and Blood Institute for research titled "Stat1-Dependent Transcription in Airway Epithelial Cells."

Correction

Oct. 25 issue, Page 2: The name of the Program in Women and Gender Studies in Arts & Sciences was incorrectly stated in the headline and in the first paragraph. The *Record* regrets our error.

Sports

Bears win shootout; UAA title hopes alive

The football Bears and Case Western Reserve University combined for 1,030 yards of total offense as the Red and Green held on for a 49-42 University Athletic Association win in the highest-scoring game in WUSTL history Oct. 26 at Francis Field. The win evened the Bears record at 4-4 and gave them the inside track on a second-straight UAA title with a 2-0-league record. Case Reserve quarterback Eli Grant set UAA records for attempts, completions, yards and touchdowns, but the Bears got 320 yards through the air and another 190 on the ground to hold on for the win. WUSTL freshman defensive back Joe Rizzo recorded nearly every defensive statistic possible — four tackles, a sack, an interception, a blocked punt, a forced fumble and a fumble recovery. Nathan Szep finished 22 of 37 for 320 yards and two touchdowns and freshman A.C. Dike, playing in just his second career game, carried 24 times for 110 yards and a touchdown.

Other updates

Freshman Rob Weeks scored his fifth goal of the season in the 87th minute as the **men's soccer** team upended the University of Rochester 1-0 Oct. 25 at Francis Field. On Oct. 27, Brandeis scored an unassisted goal in the 95th minute to beat the Bears, 1-0, in overtime.

The **women's soccer** squad stayed hot in the UAA race, sweeping a pair of home games Oct. 25 and 27. The Bears beat No. 21 University of Rochester, the defending UAA champ, 2-1, Oct. 25. Two days later, WUSTL defeated Brandeis, 1-0, to improve to 8-4-3 on the year, 3-1-2 in the UAA.

The **men's and women's cross country team** will travel to the UAA Championships in New York City Nov. 2.

After having the week off, the No. 1 **volleyball** team will travel to Springfield, Ohio to compete in the Wittenberg National Quad Nov. 1-2. The Bears will take on No. 3 Juniata College today at 8 p.m. as head coach Rich Luene-mann will coach his 1,000th career match.

Obituary

Thomas Walsh, 80, School of Architecture

BY LIAM OTTEN

Thomas F. Walsh, who taught in the School of Architecture for 24 years, died Sunday, Oct. 20, 2002, of heart disease at Missouri Baptist Medical Center in Town & Country. He was 80.

Walsh came to the University in 1972 as an assistant professor, teaching construction and materials specifications and professional practice. He was named affiliate associate professor in 1985 and retired in 1996.

Born in Philadelphia, Walsh served in the Army during World War II and studied at Chicago's New Bauhaus (now part of the Illinois Institute of Technology), later working for the Chicago Park District and heading the specifications department at A. Epstein & Sons Inc.

He was a former president of both the St. Louis and Chicago chapters of the Construction Specifications Institute. In 1969, he co-authored the American Institute of Architects' widely influential MASTERSPEC specification system.

Walsh is survived by his wife, Miriam Sternman Walsh, of

University City, Mo.; a daughter, Killian Christine Walsh, of Chicago; a son, David Horter Walsh, of New York City; and a sister, Christine Gilleran Gray, of Scranton, Pa.

A private funeral service was held at Arlington Cemetery in Drexel Hill, Pa.

Memorial contributions may be made to the Midwest Masonry Research Foundation, c/o Masonry Institute of St. Louis, 1429 S. Big Bend Blvd., St. Louis, MO 63117.

Editor's note

Near presstime, it was learned that **Edward G. Weltin**, Ph.D., emeritus professor of history in Arts & Sciences, died Tuesday, Oct. 29, 2002. A funeral mass will be celebrated at 10 a.m. today at St. Roch Catholic Church, 6052 Waterman Ave.

Also near presstime, it was learned that **James Maniotis**, Ph.D., emeritus professor of biology in Arts & Sciences, died Wednesday, Oct. 30, 2002.

Obituaries will run in an upcoming issue of the *Record*.

Campus Watch

The following incidents were reported to University Police Oct. 23-30. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at police.wustl.edu.

Oct. 23

5:11 p.m. — A student reported that between 12:30-1 p.m. Oct. 21, an unknown person took her check card and cell phone from the front pocket of her backpack, which was left unattended on a chair in the lower-level food area of Mallinckrodt Student Center. Total loss is estimated at \$110.

Oct. 26

3:18 a.m. — A University-contracted employee reported that an unknown person took money from inside his coat pocket after he put his coat in the Bear's Den and went to work. Total loss is estimated at \$115.

Oct. 27

1:34 a.m. — A laptop computer and a CD burner were taken from an unlocked room in the Theta Xi fraternity house. Total loss is estimated at \$2,200.

1:37 a.m. — A Dell computer was stolen from an unlocked room in the Theta Xi fraternity house. Total loss is estimated at \$2,000.

3:32 p.m. — An unknown person took cash from a purse in a dorm room in Eliot Residence Hall. Total loss is estimated at \$220.

Additionally, University Police responded to two reports of larceny, and one report each of parking violation, sexual offense and fraud.

Washington People

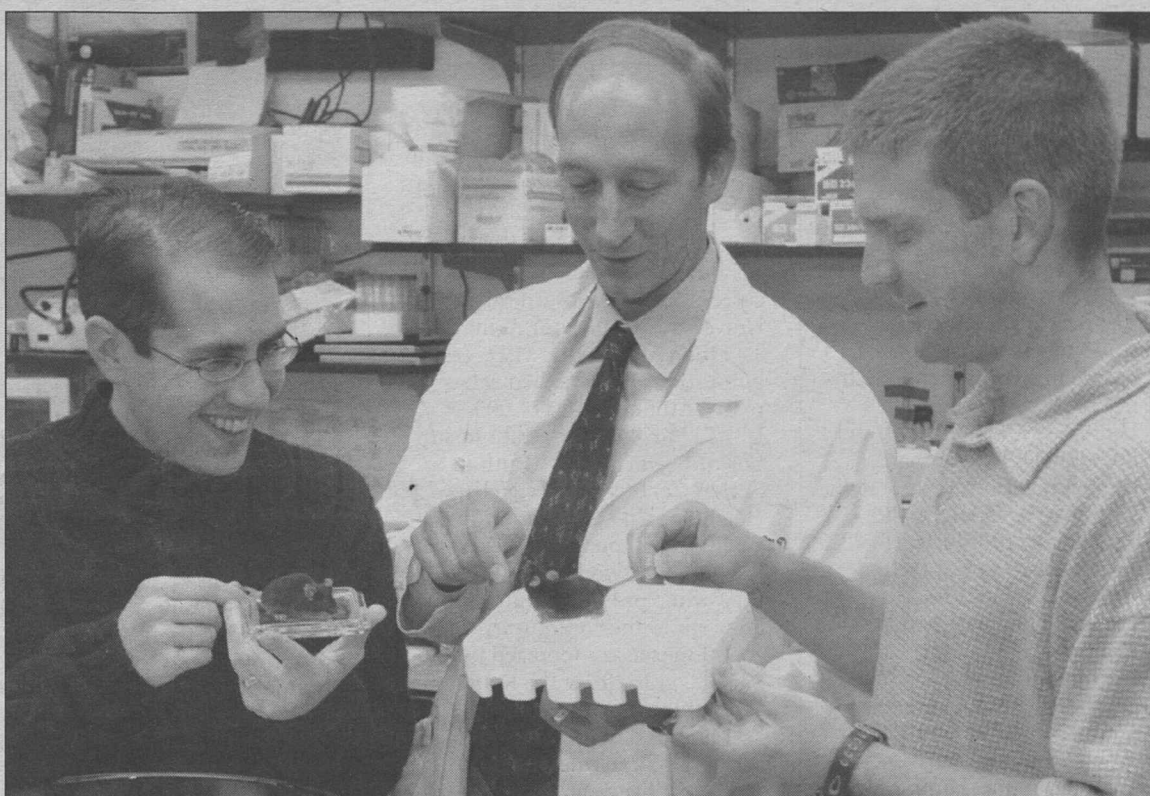
From hobbies to training to research, David M. Holtzman, M.D., evades the boundaries of tradition and is inspired by two main goals: to have fun and make an impact.

In 1982, Holtzman, then in his first year of medical school, attended a lecture on Alzheimer's disease and discovered that scientists barely knew how many people suffered from the affliction, let alone its causes or potential treatments.

Enchanted by the opportunity for dramatic advancements in such a critical area of medicine, Holtzman dedicated both his clinical and academic pursuits to demystifying the process of nerve-cell death in diseases such as Alzheimer's.

Just 20 years later, Holtzman, now the Charlotte and Paul Hagemann Professor of Neurology, professor of molecular biology and pharmacology, has drastically improved science's understanding of the disease.

"Dave's studies place him in an elite research position and are cause for expectation that we will have far more successful interventions for this cruel disease in the



David M. Holtzman, M.D. (center), and graduate students John Cirrito (left) and John Fryer plan an experiment with mice that have Alzheimer's-type changes. "Dave's approach to graduate students is unique in that he allows us to explore novel ideas on our own, providing insights and guidance when necessary," Fryer says. "At times he treats his students as trainees, at times as colleagues and at times as friends. Both the science and working environment here are absolutely top-notch."

A nontraditional approach

David M. Holtzman, M.D., makes his mark on neuroscience — and has fun along the way

By GILA Z. RECKESS

not-so-distant future," says David B. Clifford, M.D., head of the Department of Neurology and the Melba and Forest Seay Professor of Clinical Neuropharmacology in Neurology. "His successful melding of physician and scientist is an inspiration for many of us at the University and is a source of pride for our department."

Aiming high

According to his former research mentor, William C. Mobley, M.D., Ph.D., professor and chair of the Department of Neurology and Neurological Sciences at Stanford University, Holtzman's ability to go beyond the norm and push the envelope is part of what makes him a superb physician-scientist.

For example, instead of intertwining Ph.D. training with medical school, Holtzman first dedicated himself to becoming a good clinician and gaining a thorough appreciation for neurological conditions.

Even then, he continued on a nontraditional training route. Rather than focusing on getting another degree, he spent the five years it normally takes to get a Ph.D. in Mobley's lab concentrating on how to think critically and learn research techniques.

By the end of his training, Holtzman had branched off from his adviser's pediatric neurology focus and began applying his newly honed clinical and research expertise to his own experimental interests.

"Dave's really been able to carve out a field and then become the world's leader in it," Mobley says. "He's been able to remain focused on fundamental mechanisms while continuing to ask questions about how his basic research relates to disease processes."

That appreciation for the larger perspective is clear in Holtzman's work. Not only is he a leading investigator of the most common cause of dementia in older adults, but he also is an accomplished researcher on one of the most common causes of lifelong neurological problems, perinatal stroke. Combining research into dis-

eases at two polar ends of the lifespan spectrum may seem counterintuitive, but for Holtzman, the bigger picture explains it all.

"If we can understand a little more about some of the differences between the adult and developing nervous system, it may help research in both areas," Holtzman explains. "There might be some differences in the two systems, but if you understand what protects the brain in different settings, you might be able to apply that information to other situations."

For example, decreased blood and oxygen flow to the brain occurring around the time of birth, called a perinatal stroke, is a common cause of injury to the developing brain. There is no current treat-

"Dave's studies place him in an elite research position and are cause for expectation that we will have far more successful interventions for this cruel disease in the not so distant future. His successful melding of physician and scientist is an inspiration for many of us at the University and is a source of pride for our department."

DAVID B. CLIFFORD

ment to intervene or reverse the damage caused by such an incident.

But in a study published in the July issue of *Annals of Neurology*, Holtzman's team reported the first evidence that the antibiotic minocycline protects baby rats from brain damage caused by perinatal stroke, even when given shortly after injury.

Unlike damage caused by a momentary, traumatic event such as perinatal stroke, Alzheimer's disease leads to slow, progressive degeneration of brain cells. Nonetheless, the two disorders both share a key element: cell death. Holtzman hopes that clues from learning to protect developing brains from injury also may provide insight into degenerative diseases in the elderly.

Holtzman's laboratory also is extremely active in studying the specific stages that lead to symptomatic Alzheimer's disease. His team has been instrumental in showing how dangerous amounts of a protein called amyloid- β (A β) begin to accumulate in the brain many years before symptoms arise. Now that his team has made

significant progress, Holtzman's focus is shifting toward applying basic findings to clinical research. Translating laboratory research into clinical results always was Holtzman's ultimate goal.

In fact, part of what attracted him to the School of Medicine is its focus on collaboration, both between different laboratories and between basic and clinical science.

As a postdoctoral student at the University of California, San Francisco, Holtzman instituted the university's first clinic dedicated to treating patients with dementia. Now he takes advantage of Washington University's renowned Alzheimer's Disease Research Center (ADRC).

"Dave's ability to clearly understand how laboratory findings could be developed to help patients sets him apart," says John C. Morris, M.D., co-director of the ADRC and the Harvey and Dorismae Hacker Friedman Professor of Neurology. "Although much work remains to be done, I have no doubt that Dave is the person to lead these highly promising efforts."

In collaboration with Eli Lilly and Co., Holtzman's team has identified a monoclonal antibody called m266, which, in mice, draws A β out of the brain and into the blood. In the March issue of *Science*, the team published the successful use of m266 to identify Alzheimer's-type changes in living mice. The test is the first proposed blood test to diagnose the disease before clinical symptoms arise.

Since m266 appears to lure A β out of the brain, it also may be useful in breaking down amyloid plaques and thereby treating the disease. Several companies now are considering clinical trials to determine whether administration of anti-A β antibodies improves cognitive symptoms in patients with Alzheimer's disease.

"The past decade has been a revolution," Holtzman says. "We're now talking about treatments that are being tried in the clinic based on what we've learned just this decade. It's amazing to be involved in that."

Staying grounded

"Dave's secret advantage is his wife, Tracy," Morris offers. "She understands the demands of a sci-

entific career and keeps Dave well-grounded."

The couple's secret, Holtzman agrees, is remaining active. Between running a laboratory, training medical and doctoral students, treating Alzheimer's patients and running a research seminar series, Holtzman plays basketball weekly and tennis three times a week.

Holtzman and Tracy, a physical therapist in the Department of Pediatrics in the Division of Immunology and Rheumatology, also enjoy adventurous vacations, including sports such as hiking, tennis and windsurfing.

Balancing work and play is routine for Holtzman. As a student in the rigorous Honors Program in Medical Education at Northwestern University, which fast-tracks students through an undergraduate and medical degree in six years, Holtzman always managed to stay active in various sports.

When he graduated at 23, he went on to continue his clinical and research training in the vibrant setting of San Francisco. While at UCSE, he continued to be involved in several sports, particularly basketball, and played with the school's team. He also organized a medical group of basketball players, including students, residents and faculty, to tour China, giving lectures and playing ball.

On the court and in the lab, Holtzman continues to live up to his mission, leaving an influential mark on the field of neuroscience and having fun along the way. But his proudest achievement to date is neither his research nor his jump shot; it's his team.

"My main hope is that everyone enjoys working together and gets the most out of their experience," Holtzman says. "I'm most proud of the people who have worked in my laboratory, because not only are they outstanding scientists, but they're also great people. If their experience in the lab helps them in their future endeavors both in science and in life, that's all I can ask for."



David M. Holtzman and his wife, Tracy, enjoy traveling and adventure sports.

David M. Holtzman, M.D.

Academic title: Charlotte and Paul Hagemann Professor of Neurology, professor of molecular biology and pharmacology

Born and raised: St. Louis

Family: Wife, Tracy

Hobbies: Tennis, basketball, windsurfing and traveling