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Symposium to foster dialogue on research

Twelve faculty members have been selected to participate in the Oct. 6 Inaugural Symposium commemorating Mark S. Wrighton's installation as Washington University's 14th chancellor.

The first symposium session will begin at 9 a.m. in May Auditorium of Simon Hall, followed by a break at 10:15 a.m. The second symposium session will begin at 10:30 a.m., followed by closing remarks from Wrighton at 11:45 a.m. The entire event is open to the University community.

The 12 faculty members come from a variety of disciplines and will be split

into two panels. One panel will discuss "Learning to Learn: The Technology of Discovery," and the other will address the topic "New Century, Old Planet: Development and Its Impact."

A symposium committee developed the topics for the two panels during a brainstorming session in which committee members identified five or six subjects being discussed in current research. Daniel B. Shea, Ph.D., chair of the symposium committee and also of the Department of English, said members identified areas such as DNA sequencing, information technology, social decay, and the role of the arts in a technological society.

"It became clear that we could not have a symposium that covered each of those topics in-depth," Shea said. "So we've asked distinguished faculty members deeply involved in those questions to come together, to challenge each other and to find common ground, in that we are all educators and we all have a responsibility to the nation and the planet."

Shea said the exact format of the symposium has not been set. However, he did say a moderator will lead each panel discussion. Shea stressed that the symposium will not include formal presentations by the panelists but will, instead, rely heavily on dialogue.

"The real value and the interest of it is simply going to be what these people have to say to each other and the questions from the audience," Shea said.

Iain A. Fraser, associate professor of architecture and a member of the Inaugural Steering Committee, is helping Shea with the symposium's planning.

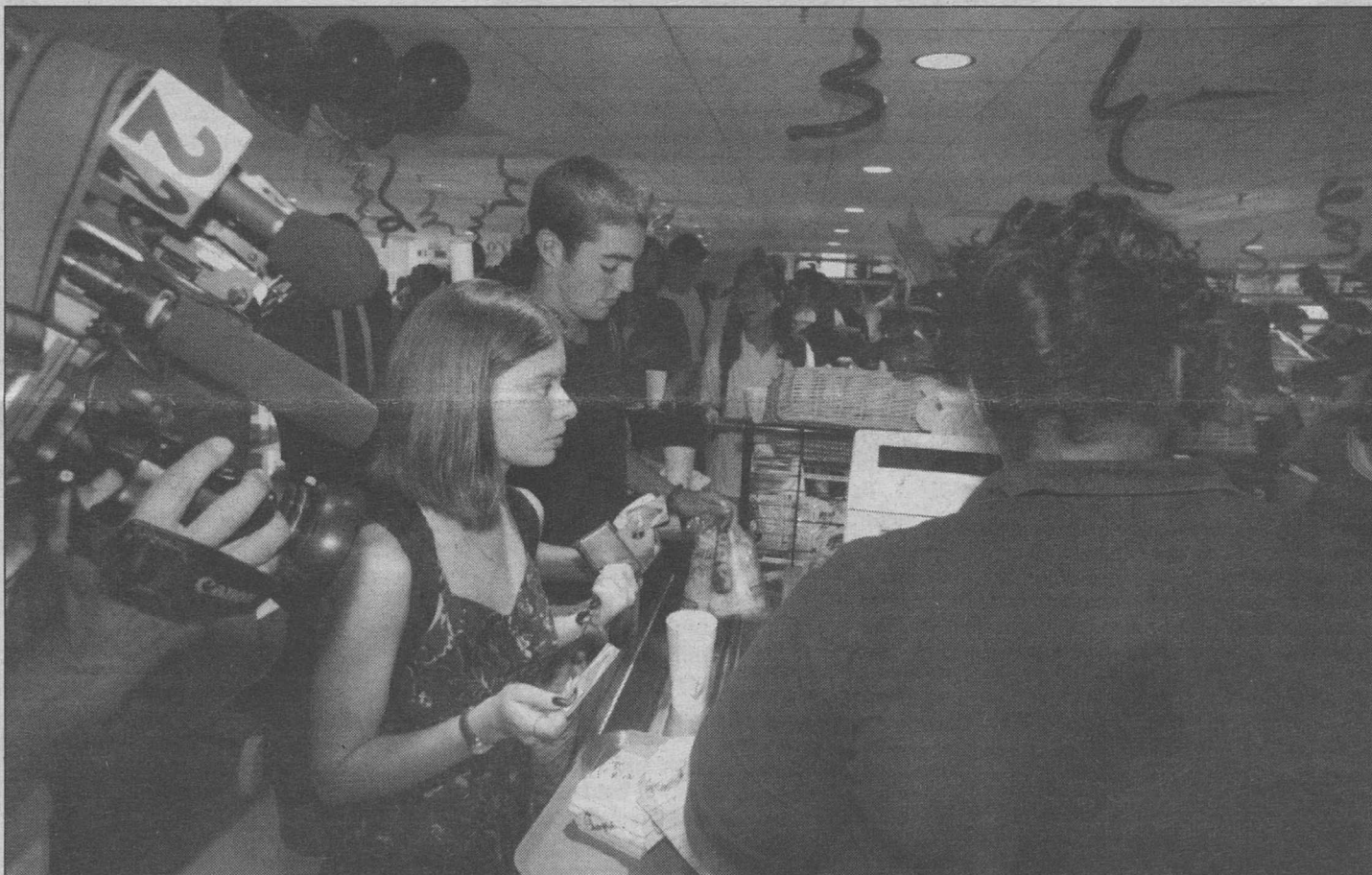
The following is a list of the panel members:

Panel 1: *Learning to Learn: The Technology of Discovery*

James T. Little, Ph.D.

Professor of finance and economics

Continued on page 6



Kerry Soffar, a junior business major from Houston, was one of the first students to pass through the new Mallinckrodt Center Food Court after the ribbon cutting on Aug. 29.

Grand celebration

Low-fat fare highlights Mallinckrodt Center Food Court menu

From a chargrilled chicken sandwich that boasts only three grams of fat, to a salad bar with approximately 40 wholesome toppings, the new 650-seat Mallinckrodt Center Food Court offers students healthful choices.

The food court's grand opening was held Aug. 29 amid colorful balloons and mascots, such as a Washington University bear, Freddy Freshens yogurt and Doodles of Chick-fil-A. Music was provided by Robert L. Hughes, a doctoral candidate in musicology, and Linda Presgrave, who teaches French horn and jazz piano in the Department of Music in Arts and Sciences. Hughes played the saxophone and Presgrave played the electric piano.

Chancellor Mark S. Wrighton, Ph.D., presided over the grand opening, which began at 11 a.m. The day included giveaways and drawings for prizes, such as a \$250 gift certificate from the Campus Bookstore, a free night's stay for two at the Pavilion Marriott in St. Louis, as well as T-shirts, mugs and free samples of menu choices like egg rolls and crab rangoon.

Victoria Ruth, a first-year business student from Hemlock, Mich., won the Campus Bookstore certificate. Naris Apichai, a junior business student from

Decatur, Ill., won a \$150 Huffy mountain bike from the Pepsi-Cola Co. Vinu Malhan, a sophomore majoring in English and biology, won a \$100 credit on her meal card, and Khara A. Coleman, a first-year student from New Orleans, won the Pavilion Marriott package.

Officials said that more than 3,000 people bought food at the downstairs food court the day of the grand opening, while 1,200 people purchased items in the new coffee, bakery and ice cream shop upstairs. The day before the grand opening, however, a record number of customers — 3,111 — swept through the food court.

University and Marriott officials developed the food court after gathering input from a committee of student leaders over a two-year period. The students represented such groups as Student Union and Congress of the South Forty. The students wanted a healthful menu that included vegetarian, Asian and Mexican fare.

"I am excited to have a modern food court offering concepts that were chosen by our students," said George Burris, director of Housing and Food Service. "The variety offered here helps satisfy many of the food needs of our students, faculty and staff." He said the new coffee,

bakery and ice cream shop provides a late-night gathering place for students. The cafe is open from 7:30 a.m. to 2 a.m. Monday through Thursday, 7:30 a.m. to midnight on Friday, 11 a.m. to midnight on Saturday and 11 a.m. to 2 a.m. on Sunday.

Students are excited about the food court as well. "It's great," said senior Elsa L. Wentling, an economics major and a student representative to the Washington University Board of Trustees. "It's a nice atmosphere. The [food] selection is good. A lot of people worked hard on this project. It shows what can happen when everyone works together."

In addition to a more varied menu, Shubhra Jain, a sophomore biology major, appreciates the food court's aesthetic atmosphere. "I love light colors," she said. "Light colors are much more peaceful than dark colors. When you're eating, you should have soft colors around you. It's nicer starting the day."

The bright and spacious food court includes Subway, Chick-fil-A and three inhouse concepts, Stir Crazy (Asian), Carlos Pepper's (Mexican) and Salubré (pizza). At Stir Crazy, students can pick

Continued on page 6

Executive vice chancellor, three vice chancellors appointed by Wrighton

Edward S. Macias, Ph.D., provost and interim dean of the Faculty of Arts and Sciences at Washington University, will become executive vice chancellor and dean of Arts and Sciences, effective Oct. 1, according to Chancellor Mark S. Wrighton, Ph.D. In addition, Wrighton has named three other persons as vice chancellors.

In a letter sent Sept. 1 to faculty and staff, Wrighton praised Macias for his "leadership experience and distinction," noting that the new position of executive vice chancellor "represents the importance of arts and sciences to the future of Washington University."

Wrighton appointed James E. McLeod as vice chancellor for students, in addition to his current role as dean of the College of Arts and Sciences. Shirley K. Baker has been named vice chancellor for information technology, in addition to her continuing role as dean of University Libraries. Baker and McLeod will report to Macias, as well as to Wrighton.

Lee G. Weeks becomes vice chancellor for financial operations, in addition to his current position as chief financial officer and controller.

In addition to these promotions, Wrighton has established an administrative group called University Council, which will meet approximately every two weeks during the academic year. Composed of the eight school deans and all vice chancellors, the council will assist the chancellor in "formulating University policy and will be responsible for implementation of policy," Wrighton noted. Also serving on the University Council will be the chair of the Faculty Senate Council, Gustav Schonfeld, M.D., the William B. Kountz Professor of Medicine.

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Rat experiments give clues as to how the brain develops the sense of touch

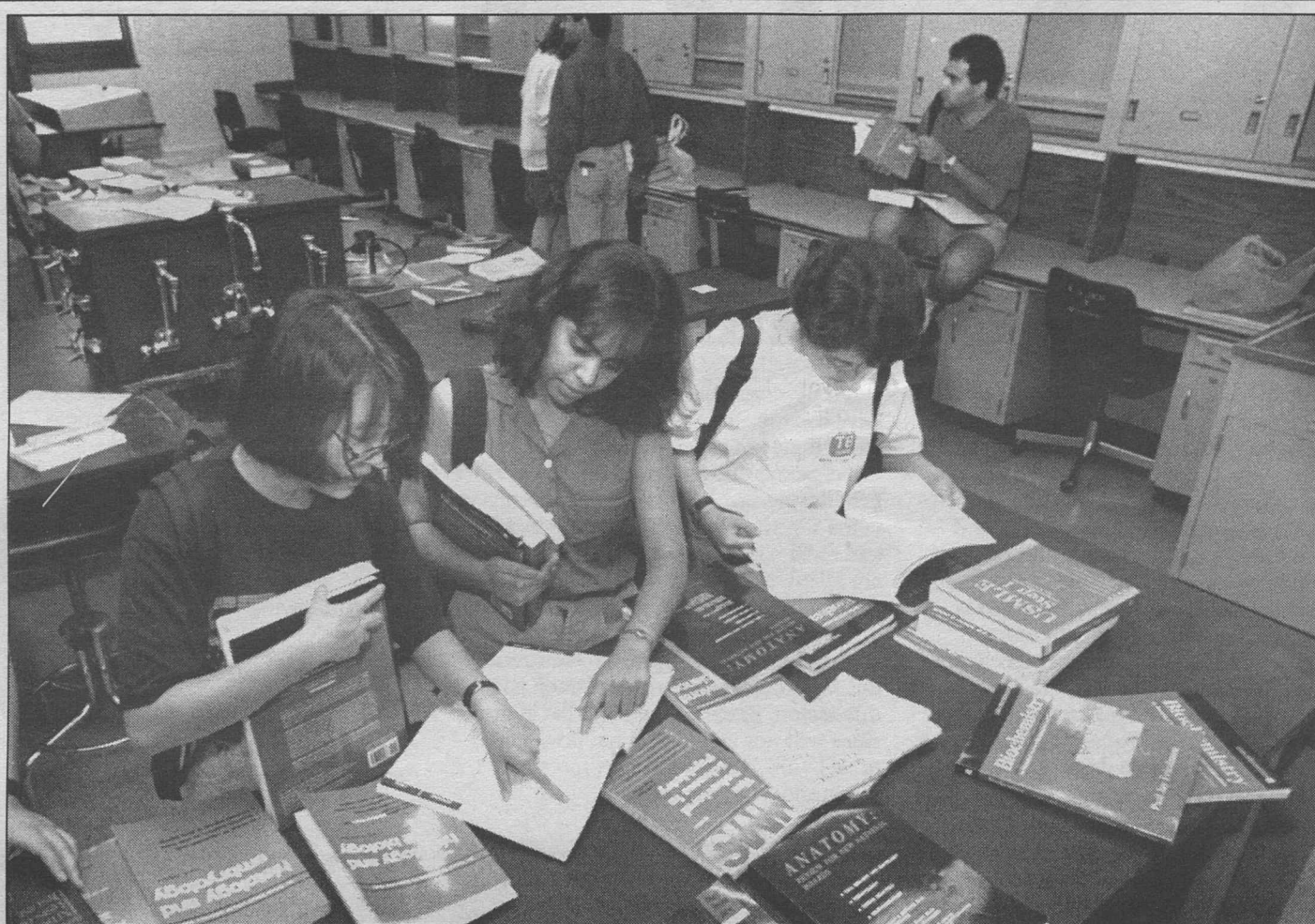
Brown-bag beginnings 3

Leonard Berg, M.D., started a small lunch discussion group in 1972 and turned it into a major Alzheimer's disease research center

All-out support 8

University campaign coordinator Clarence C. Barksdale hopes to increase employee participation in the United Way fund drive

Medical Update



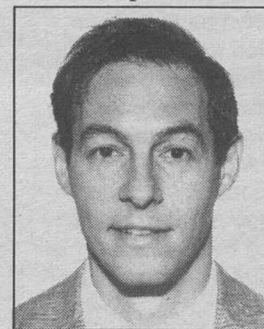
Left to right, second-year students Devi Nathan, Rui Wang and Amir Fayazi shop for books at the Medical Student Government Book Fair. The fair, held annually at the School of Medicine, enables students to sell old books.

Holtzman named Seldin Professor

Michael J. Holtzman, M.D., has been named the Selma and Herman Seldin Professor of Medicine in Pulmonary Diseases.

The appointment was announced by John P. Atkinson, M.D., professor and head of the Department of Medicine.

"Dr. Holtzman's appointment exemplifies the importance of endowed chairs in



Michael J. Holtzman

perpetuating excellence," said William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine. "Dr. Holtzman, an outstanding clinical investi-

gator, will carry on the tradition of superior accomplishment exemplified by the first Seldin Professor, John A. Pierce, M.D." Pierce, now an emeritus professor of medicine, is an internationally recognized authority on the development of emphysema.

Holtzman, director of the Division of Pulmonary and Critical Care Medicine, studies the molecular and cell biology of the airway epithelium, the layer of cells lining the respiratory tract. The goal of his work is to understand how these cells interact with the immune system to protect the airway from infection and injury. He hopes to explain how this interaction might mediate the inflammatory and immune responses that underlie diseases such as asthma, chronic bronchitis and cystic fibrosis.

Holtzman recently received a five-year \$1.2 million grant from the National Heart, Lung and Blood Institute to continue his research.

He joined Washington University as an assistant professor in 1987, was named an associate professor in 1990 and became a professor of medicine this year. Holtzman has been director of the pulmonary division since 1992. In addition, he holds an appointment in the Department of Cell Biology and Physiology.

The Seldin Professorship is an endowed professorship in the Department of Medicine. It was established in 1984 with a \$1 million gift from the Seldin family.

Out of touch

Whisker experiments give clues to nuances of brain development

With a twitch of a rat's whisker, researchers are learning how the brain develops the sense of touch. A new study shows that trimming off a rat's whiskers daily from birth hinders the development of electrical circuits in the brain that relay information about an animal's surroundings. This limits the rat's ability to detect which part of the face is being touched.

The research, by Mark F. Jacquin, Ph.D., research professor of neurology, suggests that subtle nuances of brain development are affected when early stimulation is lacking. The study was published recently in the *Journal of Comparative Neurology*. "This simple model has allowed us to understand some features of circuit development in the mammalian brain," Jacquin said.

Jacquin was puzzled by a difference between the development of the brain's visual system, which processes information from the eyes, and the somatosensory system, which receives information from the skin, muscles and internal organs.

Visual deprivation alters the gross architecture of the developing brain, Harvard University researchers David Hubel and Torsten Wiesel concluded from studies that earned them a Nobel Prize in 1981. They discovered that the visual system contains alternating bands of tissue that process information from the left eye and right eye, respectively. When they prevented young animals from seeing through one eye, only the bands corresponding to the functional eye developed normally.

In the early 1970s, Thomas A. Woolsey, M.D., professor of neurosurgery at the School of Medicine, discovered that a rat's brain contains clusters of neurons called barrels, which are laid out in rows, duplicating the exact pattern

of the whiskers. When a particular whisker bends, the trigeminal nerve conveys messages to the corresponding barrel, allowing the brain to link information about the environment with the location from which that information came.

In 1992, Jacquin and colleagues were surprised to see a normal pattern of barrels after they blocked activity in the trigeminal nerve of young rats. "So the barrel pattern develops normally even when there is no sensory stimulation," Jacquin said.

Thinking it unlikely that somatosensory deprivation has no effect on brain development, the researchers looked for more subtle changes than alterations in gross tissue patterns. "We wondered whether sensory experience affects the refinement of electrical circuits in the brain," Jacquin recalled.

The researchers trimmed off the whiskers on one side of the face every day from birth and made electrical recordings from single neurons in the brain stems of the resulting adults. Eavesdropping on the part of the brain stem that relays messages to the barrels, they determined which parts of the face sent messages to which neurons.

The neurons on the untrimmed side of the face responded only when the appropriate whisker was wiggled. But those on the trimmed side (after two days of regrowth) took notice of many areas of the face instead of concentrating on just one whisker. Stimulation of several different whiskers made them fire, as did stroking the skin or the small hairs between the whiskers.

"As an animal develops, its sensory neurons normally respond to fewer stimuli, so it knows more about each stimulus," Jacquin explained. "But in these deprived animals, the neurons on the trimmed side of the face had immature responses that relayed imprecise information."

Neurons reach out to other neurons via connections called synapses, and a single neuron may make synaptic connections with thousands of other neurons.

To see how the electrically abnormal neurons in the brain stem were getting information, the researchers stained the branches of individual neurons that brought messages to them from the face. They could see the rounded tips of these branches under the microscope — the tips, called boutons, release chemical messages into the synapse.

The researchers saw branches that were normal in number, shape and size. But they found strikingly fewer boutons on the branches that contacted the electrically abnormal neurons than on branches that contacted neurons on the untrimmed side of the face. "So when you deprive an animal of normal somatosensation, you get fewer boutons," Jacquin said. "It logically follows that, in normal development, sensation fosters the production of boutons. Maybe there is a requisite number of boutons that a brain stem neuron must get access to in order to function normally."

Jacquin speculates that brain stem neurons of deprived animals sample from a larger number of other neurons, thereby collecting information from a larger-than-normal area of the body surface. The animal therefore is unable to determine precisely which part of the face a stimulus is coming from.

— Linda Sage

Medical Center Block Party set for Sept. 14

The sixth annual Washington University Medical Center Block Party will be held from 11 a.m. to 2 p.m. Thursday, Sept. 14, on Children's Place, near St. Louis Children's Hospital and the Clinical Sciences Research Building. Food, games and entertainment will be provided for the staffs of Barnes, Jewish and St. Louis Children's hospitals and the School of Medicine. A shuttle will be provided to transport Washington University Shared Billing and Collection Services employees.

For more information, call 362-6825.

Child Development Center has openings for fall

St. Louis Children's Hospital Child Development Center, in its new location at 321 S. Newstead Ave., has openings available for children ages 2 and older for the fall. The center serves children of Washington University employees.

Beginning this fall, the child development center also is offering a new service called "per diem" care. This service will provide child care for families needing occasional care when their regular plans fall through. Parents need to preregister.

For more information, call 454-4700.

Record

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Washington People

Berg committed to Alzheimer's research

In 1972, when neurologist Leonard Berg, M.D., was a successful private practitioner, he wanted to improve the diagnosis of dementia. So he asked his department head, William Landau, M.D., if he could start a faculty discussion group. Landau was glad to oblige and offered to supply lunch. We'll bring brown bags, Berg insisted.

Berg, professor of neurology and director of the Alzheimer's Disease Research Center, is now the recipient of \$19.4 million in federal grants for dementia research. "This tremendous operation is the result of his initiative to establish a long-term scientific effort," said Landau, professor of neurology. "He began with the modest lunch-time meetings and now is one of the father figures in the field."

Berg chairs the medical and scientific advisory board of the national Alzheimer's Association and sits on the parent board. When the group organized a congressional hearing in 1992, he spoke about the burden of the disease and hopes for a treatment in the not-too-distant future. Several C-SPAN viewers called the association the next day, impressed that this erudite man, with his broad grasp of scientific issues, also was the type of person they would want for a family physician.

"He comes across as very knowledgeable but very caring," said Creighton Phelps, Ph.D., director of the Alzheimer's Disease Research Centers Program at the National Institute on Aging (NIA). "To be a scientific leader as well as a compassionate doctor makes him a unique person."

Berg's connection with Washington University began in 1943, after he graduated from Soldan High School at age 15. He enrolled in an accelerated pre-med program in psychology and chemistry, and worked his way through school by playing dance music on his clarinet and saxophone. In 1945, when tuition was \$500 per year and dementia was considered a normal part of aging, he entered the School of Medicine. He decided to become a neurologist during a freshman neuroanatomy class taught by neurologist James L. O'Leary, M.D., Ph.D.

After internships and residencies at Barnes Hospital, the Neurological Institute in New York and the National Institutes of Health in Bethesda, Md., Berg returned to St. Louis in 1955. He turned down a full-time faculty position, preferring to teach part time. "I was concerned that I wouldn't be successful in research," he recalled. Instead, he went into practice with Irwin Levy, M.D., then professor of clinical neurology.

That partnership survived until Levy's death 24 years later, eventually moving to Barnes Hospital West Pavilion. During this time, Berg encountered older patients with a dementing condition caused by hydrocephalus — excess fluid in the brain's cavities. "The burning question was how to distinguish patients who would benefit from surgery to drain the fluid from those with cerebral atrophy, which also enlarges the cavities," Berg explained.

Alzheimer's disease now is known to be the leading cause of cerebral atrophy — shrinkage of the brain. First identified in 1906 by the presence in the brain of tangled neurons and plaques of a protein called amyloid, it was thought to be a rare condition. But Berg was noting these features in autopsy specimens from some of his demented patients. So were pathologists elsewhere as more people lived into their 80s and 90s. "So a few people started sounding the trumpets and suggesting that Alzheimer's was a big problem," Berg recalled.

Alzheimer's disease now afflicts 4 million Americans. The fourth leading cause of death among adults, it costs the United States \$100 billion per year. But the federal government spends only \$300 million per year on Alzheimer's research. "This is not nearly enough because the number of cases could triple in the next 50 years," Berg said. "This will lead to financial disaster for our country, unless we find some way to prevent the disease or delay its onset or progression."

The brown-bag group and literature surveys for a book chapter prompted Berg to apply for federal research funds in the mid-1970s. After his first two applications were rejected, he read an article in the Washington University

magazine about the research of Jack Botwinick, Ph.D., now professor emeritus of psychology, and Martha Storandt, Ph.D., professor of psychology, on the Hilltop Campus. Drawing upon their expertise in the psychology of aging, Berg submitted a proposal to the National Institute of Mental Health (NIMH).

After the collaborators showed they could distinguish healthy subjects from persons with mild dementia, NIMH awarded a four-year grant in 1979 to compare the two groups over time. This grant evolved into three five-year program project awards from the National Institute on Aging. For the past 16 years, Berg and his colleagues have followed the yearly progress of healthy and demented participants through clinical, psychometric,

subjects with plaques and without head injuries always turn out to have had some indications of impairment.

Grant creates center

In October 1985, about 18 months after the program project grant was awarded, Berg received one of the NIA's Alzheimer's Disease Research Center grants. This award recently was renewed for the third five-year period. Early studies focused on the part of the brain that uses acetylcholine as a chemical messenger. Another project identified subtle changes in visual perception among Alzheimer's patients. Then attention shifted to brain cell damage by the chemical messenger glutamate and the programmed cell death that can destroy neurons. Both of

these topics now are major foci of research at the School of Medicine and are pertinent to many other neurologic disorders.

The center grant has supported many pilot projects that have led to independent funding. These include studies of the interrelationship between Parkinson's and Alzheimer's diseases, the effect of blood sugar and insulin levels on brain function, the ability of Alzheimer's patients to drive, and the molecular genetics of Alzheimer's disease.

"Recent advances here and elsewhere have been spectacular in terms of understanding the causes of Alzheimer's disease," Berg said. "So it is important to support research that will follow up on these leads. Because Alzheimer's affects mainly the elderly, finding ways to delay the onset of the disease by just five or 10 years would halve the number of affected people," he explained.

Shortly after the first grant was awarded, Berg realized that families in the research study needed a support group, so he helped establish a St. Louis chapter of the association. Various members of his team still are involved, and Berg is a frequent speaker on the Alzheimer's Association's behalf. "He is very willing, kind and insightful," said Executive Director Kathleen O'Brien. "He can see how laboratory research, clinical research and ways to help families all fit into the big picture."

In 1986, Berg was elected to the national Alzheimer's Association's medical and scientific advisory board, which he now chairs. The board assigns about \$6 million in research funds each year. He joined the association's parent board in 1989, is on its ethics advisory panel and often acts as a spokesman. "Leonard has been instrumental in linking our medical, scientific and caregiving programs," said Edward Truschke, president and chief executive officer of the Alzheimer's Association. "He is particularly adroit in driving a consensus by hearing all sides of a story and tying everything together in cogent ways that make people feel good about the solution."

Berg's 65-hour workweek has shrunk since he suffered a heart attack in 1993. For several months after his bypass surgery, his office received thousands of phone calls and letters from around the world. "It seemed like everyone on earth knew of his illness and was concerned," said Kathy Mann Koepke, Ph.D., research assistant professor of neurology and executive director of the Alzheimer's Disease Research Center. "Many had only heard him speak but were very moved by his knowledge and compassion." After Mann Koepke had surgery the following year, Berg did her weekly grocery shopping.

In 1997, Berg will pass the directorship of the ADRC to Eugene M. Johnson Jr., Ph.D., Norman J. Stupp Professor of Neurology, and John C. Morris, M.D., associate professor of neurology. But he intends to remain active in public service and advocacy. He also will spend time with family members. (Berg is the father of John A. Berg, associate vice chancellor for finance.)

His top priority for the next five years is to persuade more School of Medicine colleagues to study Alzheimer's disease — though 16 departments and divisions already are collaborating. "It is such an intriguing scientific problem because it has complex causes and mechanisms," Berg said. "The challenge is to understand how multiple genetic, environmental and aging factors interact to bring about the disease and all of its human and social consequences."

— Linda Sage



Leonard Berg, M.D., observes as patient Vasil Vasileff performs the clock drawing test, part of the Standard Clinical Assessment commonly used to assess a person who may have Alzheimer's disease.

"Because Alzheimer's affects mainly the elderly, finding ways to delay the onset of the disease by just five or 10 years would halve the number of affected people."

radiologic and electrophysiologic studies. To date, 1,200 subjects have participated in the study.

Setting international standards

This Healthy Aging and Senile Dementia program project has set international standards for evaluating patients with Alzheimer's disease. "Diagnosis is what I associate with Dr. Berg and his colleagues," said the NIA's Phelps. "They have developed a dementia rating scale that allows one to find patients at a very early stage and then track them to see how the disease develops."

This diagnostic expertise permits patients to plan for care while they are still able. "And being able to identify patients at a very early stage will be extremely useful when there is some treatment that will stall the progress of the disease," Phelps explained.

The Washington University team was the first to validate its criteria through autopsy studies. Ninety-five percent of the patients they have diagnosed as having Alzheimer's disease are found to have plaques in the brain when they die. The criteria are accurate even for patients in the initial stages of the disease.

The Healthy Aging and Senile Dementia project also has shown that the disease prevents the brain from ignoring irrelevant information as a person tries to learn new tasks. And one component studied the effects of the disease on patients' families. Researchers also have discovered that neurofibrillary tangles accumulate in certain regions of the healthy brain and therefore do not necessarily indicate Alzheimer's disease. Plaques, on the other hand, appear to be a hallmark because "control"

Calendar

Sept. 7-16



Exhibitions

"The Keenest of Senses: Celebrating the Becker Rare Book Collection in Ophthalmology." Printed treasures in ophthalmology and the visual sciences from four centuries. Through Dec. 22. Glaser Gallery, The Bernard Becker Medical Library, 660 S. Euclid Ave. Hours: 9 a.m.-9 p.m. weekdays; 1-5 p.m. weekends. 362-4239.

"Motherwell in St. Louis: A Selection From Local Collections." Private collectors, museums and art galleries in St. Louis are lending paintings, prints and collages by abstract expressionist Robert Motherwell for this exhibit. Sept. 8 through Oct. 22. Opening reception: 6-8 p.m. Sept. 8. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. 935-4523.

"Engineering at Washington University: 125 Years of Excellence." Sponsored by WU Libraries. Through Oct. 30. Special Collections, Olin Library, Level Five. Hours: 8:30 a.m.-5 p.m. weekdays. 935-5444.



Films

Friday, Sept. 8

4 p.m. American documentary film. The first film in a series sponsored by the American Culture Studies Institute. Room 149 McMillan Hall. 935-5216.



Lectures

Friday, Sept. 8

Noon. Cell biology and physiology lecture. "Signaling by Non-transmembrane Tyrosine Phosphatases," Ben Neel, assoc. prof. of medicine, Beth Israel Hospital, Boston. Room 426 McDonnell Medical Sciences Bldg. 362-6812.

Noon. Occupational Therapy Grand Rounds. "Occupational Therapy: An Evolving Profession in a Changing Environment," Carolyn Baum, Elias Michael Director, Program in Occupational Therapy. Moore Aud., 660 S. Euclid Ave. 286-1614.

4 p.m. Earth and planetary sciences colloquium. "The Cosmic Abundances of

Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and its recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor, title of event, name of speaker(s) and affiliation, and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Judy Ruhland at Box 1070 (or via fax: 935-4259). Submission forms are available by calling 935-4926.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline, holiday schedule, or any other information, please call 935-4926.

Refractory Siderophiles and Lithophiles," Mitsuru Ebihara, prof., Dept. of Chemistry, Tokyo Metropolitan U. Room 361 McDonnell Hall. 935-5610.

4 p.m. Music lecture. "The Dead Tenors' Society," a sound-illustrated lecture by John Stewart, assoc. prof. of voice and director, vocal music program, and alumnus Bruce Carvell. Room 8 Blewett-B Hall. 935-5581.

5 p.m. Architecture lecture. Bill Bowersox, principal, Powers/Bowersox Associates Inc., architects, St. Louis. Room 116 Givens Hall. 935-6200.

Sunday, Sept. 10

1:30 p.m. Art slide/lecture presentation. "Artist's Talk," Jean Van Harlingen, sculptor, mixed media paper artist, installation artist. Co-sponsored by Art St. Louis. Steinberg Hall Aud. 935-6500.

Monday, Sept. 11

Noon. Molecular biology and pharmacology seminar. "Studies of Cadherin Function in the Intestinal Epithelium of Chimeric-transgenic Mice," Jeffrey I. Gordon, prof. and head, Dept. of Molecular Biology and Pharmacology. Philip Needleman Library, Room 3907 South Bldg. 362-2725.

Wednesday, Sept. 13

8 a.m. Obstetrics and Gynecology Grand Rounds. "Bedside Language: How Our Use of Words Affects the Woman in Labor," Nancy Cooksey, registered nurse, Dept. of Obstetrics and Gynecology. Clopton Aud., 4950 Children's Place. 454-7886.

11 a.m. Assembly Series lecture. "Multiculturalism and Cultural Diversity," Henry Louis Gates Jr., W.E.B. Du Bois Professor of the Humanities, Harvard U., and author of "Loose Canons: Notes on the Culture Wars." Graham Chapel. 935-5297.

4 p.m. Physics lecture. "Physics, Echocardiography and Heart Disease," James Miller, prof., Dept. of Physics. Room 204 Compton Hall. (Refreshments: 3:30 p.m. in Room 245.) 935-6276.

Thursday, Sept. 14

4 p.m. Molecular oncology seminar. "Identification of Myeloid Disease Genes and Development of Mouse Models," Neal Copeland, director, Mammalian Genetics Lab, ABL-Basic Research Program, Frederick Cancer Research and Development Center, National Cancer Institute, Frederick, Md. Third Floor Aud., St. Louis Children's Hospital. 362-9035.

4 p.m. East Asian studies lecture. "Footbinding and the Civilizing Process in

Imperial China," Dorothy Ko, assoc. prof. and director of Chinese Studies, U. of California, San Diego. Room 30 January Hall. 935-4448.

Friday, Sept. 15

9:15 a.m. Pediatric Grand Rounds. "Cell to Cell Communication in the Heart — New Insights Into Arrhythmogenesis and Cardiac Development," Jeffrey E. Saffitz, prof. of pathology and medicine, and Eric C. Beyer, assoc. prof. of pediatrics and cell biology and physiology, Division of Hematology/Oncology. Clopton Aud., 4950 Children's Place. 454-2706.

Noon. Cell biology and physiology seminar. "Telomerase Biochemistry and Regulation in Normal and Cancer Cells," Carol Greider, Cold Spring Harbor Laboratory, New York. Room 426 McDonnell Medical Sciences Bldg. 362-6950.



Performances

Friday, Sept. 15

8 p.m. Dance concert. Performing Arts Dept. presents "DANCE CLOSEUP," an informal dance concert. Performed and choreographed by members of the WU dance and performing arts faculty. (Also Sept. 16, same time.) Dance Studio, Room 207 Mallinckrodt Center. Cost: \$8 for the general public; and \$6 for senior citizens, WU faculty, staff and students. 935-4475.



Music

Thursday, Sept. 7

5 p.m. Wind ensemble concert. Outdoor concert of pop music will be directed by Dan Presgrave. Program: "Ain't Misbehavin'" and music of George

Gershwin, Marvin Hamlisch and Morton Gould. Bowles Plaza. 935-5581.

Sunday, Sept. 10

8 p.m. Violin recital. Program: music of Franz Joseph Haydn, Fritz Kreisler, Robert Schumann, Camille Saint-Saëns and Maurice Ravel. Featured violinist is Anne Nagosky, 1994 graduate, Dept. of Music. Performance includes Annette Burkhart, piano instructor, and Seth Carlin, prof. of piano. Graham Chapel. 935-5581.

Saturday, Sept. 16

8 p.m. Music concert. New Music Circle presents "Brilliant Corners," featuring the music of Fred Tompkins. Co-sponsored by Gallery of Art. Cost: \$5 for the general public; \$3 for senior citizens and students. Steinberg Hall Aud. 781-9314.



Miscellany

Monday, Sept. 11

7 p.m. Memorial program. WU Libraries presents The Holly Hall Memorial Literary Program, celebrating the life and legacy of Holly Hall, who served as head of Special Collections for 20 years. Many writers and members of the WU community will give readings. Edison Theatre. (Reception follows in Special Collections, Olin Library, Level Five.) 935-5400.

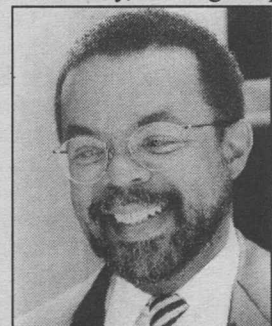
Thursday, Sept. 14

11 a.m. Chinese archaeology lecture/slide presentation. (Continues Sept. 15.) Series of three presentations with simultaneous translation by archaeologists from the Institute of Archaeology, Chinese Academy of Social Sciences, Beijing. The first presentation is "Anyang Excavations" in Steinberg Hall Aud. The other presentations are: "The Discovery of the Taosi Site" at 11 a.m. Sept. 15 in 3313 SSB McDonnell Conference Room, U. of Missouri-St. Louis, and "Western Zhou Tombs at Chang'an District, Xi'an" at 5 p.m. Sept. 15 in Steinberg Hall Aud. Co-sponsored by the depts. of Anthropology, Art History and Archaeology, and the Dept. of Anthropology and the Center for International Studies, U. of Missouri-St. Louis.

Scholar, writer Henry Louis Gates Jr. discusses diversity

Scholar and author Henry Louis Gates Jr. will address "Multi-culturalism and Cultural Diversity" at 11 a.m. Wednesday, Sept. 13. His talk, part of the Assembly Series, will be held in Graham Chapel. An hourlong informal discussion with Gates is scheduled at 2 p.m. in Lambert Lounge, Room 303 Mallinckrodt Center. Both the lecture and discussion are free and open to the public.

Since 1991 Gates has taught at Harvard University, holding the positions of W.E.B.



Henry Louis Gates Jr.

Du Bois Professor of the Humanities, professor of English, chair of Afro-American Studies and director of the W.E.B. Du Bois Institute for Afro-American Research. Prior to these appointments, he was

professor of English and literature at Duke University from 1990-91 and taught on the faculty at Yale University (1976-1984) and Cornell University (1985-1990). Gates is a prolific essay writer on many diverse issues, from the First Amendment, anti-Semitism, ethnic identity and rap music to what he considers to be a crisis in black leadership. He has criticized black leaders for being preoccupied with "the intoxicating rhetoric of 1960s black nation-

alism." His books include "The Signifying Monkey: Towards a Theory of African-American Literary Criticism" (1988), "Loose Canons: Notes on the Culture Wars" (1992) and his 1994 memoir "Colored People," in which he recalls the effects of the civil rights movement on his segregated hometown of Piedmont, W. Va.

Gates' work has received many awards and accolades, among them the American Book Award in 1989 for "The Signifying Monkey" and the George Polk Award for social commentary in 1993. He holds honorary degrees from George Washington University, Dartmouth College and the University of Rochester, among others.

In addition to his teaching commitments, Gates serves on numerous committees and professional associations, including the Council on Foreign Rela-

tions, the American Civil Liberties Union National Advisory Council, the American Antiquarian Society, the TransAfrica Forum Scholars Council and the Cultural Diversity Committee for Lexington Public Schools. He also holds positions on the editorial boards of numerous academic journals.

Gates graduated summa cum laude with a bachelor's degree in history from Yale University in 1973. From there he went on to earn master's and doctoral degrees in English from Clare College in Cambridge University, England.

This lecture is co-sponsored by the African and Afro-American Studies Program, Assembly Series, Association of Black Students, departments of English and Political Science in Arts and Sciences, the International Writers Center and Student Union.

For more information, call 935-5297.

All three STOMP performances sold out

Washington University's Edison Theatre will open its 1995-96 season on Sept. 22 with the first of three sold-out performances by the theatre-pounding percussion and dance group STOMP.

Except for 50 Student Rush tickets per show, all three performances of STOMP scheduled for Sept. 22 and 23 in Edison Theatre are sold out.

Student Rush tickets are available only to Washington University students and are available on a first-come basis beginning

at 10 a.m. Sept. 22 at the Edison Theatre Box Office in Mallinckrodt Center. Students may purchase only two tickets per student identification card.

"If STOMP is any indication of what's in store for the 1995-96 season, I would encourage the Washington University community to buy their tickets early," said Evy Warshawski, Edison's managing director.

For ticket information or a copy of Edison's 1995-96 season brochure, visit the Edison Theatre Box Office or call 935-6543.

Chancellor Wrighton builds Arts and Sciences, business leadership — from page 1

Macias' previous position as provost will not be filled. The school deans all will report to Wrighton.

Related administrative changes include the appointment of Benjamin S. Sandler as treasurer of Washington University from his previous title of assistant vice chancellor for budget and institutional studies. He reports to Weeks.

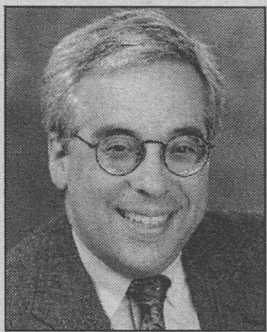
Associate Provost Gerhild S. Williams, Ph.D., becomes associate vice chancellor in addition to her position as professor of German and comparative literature. She will continue working with Macias.

Dennis J. Martin becomes associate vice chancellor and director of financial aid from assistant provost and director of student financial services. He reports to McLeod.

Wrighton, who became chancellor on July 1, noted that "these have been not only a stimulating two months for me, but also two very busy months learning about the people and their responsibilities. I am confident that the leadership team is one that will serve the University extremely well."

Edward S. Macias, Executive Vice Chancellor and Dean of Arts and Sciences

Macias was named the University's provost in 1988, and then took on additional duties as interim dean of the Faculty of Arts and Sciences in 1994. Previously, he had served as associate provost for science and technology during 1988, and prior to that as chair of the Department of Chemistry from 1984 to 1988. He joined the University as an assistant professor of chemistry in 1970, was named associate professor in 1976, and full professor in 1984. In addition, he



Edward S. Macias

directed the University's summer school between 1982 and 1985.

Macias earned his undergraduate degree in chemistry from Colgate University in 1966 and his doctorate in chemistry from the Massachusetts Institute of Technology in 1970. The author of two books and 88 articles in science journals, Macias also has served as a consultant to several organizations, including the National Academy of Sciences, the Harvard School of Public Health, the U.S. Department of Transportation, and Argonne National Laboratory, to name a few.

Shirley K. Baker, Vice Chancellor for Information Technology and Dean of University Libraries

Baker joined Washington University in 1989 as dean of University Libraries.



Shirley K. Baker

Previously, she had been associate director of libraries for public services at the Massachusetts Institute of Technology from 1982 to 1989.

Baker was a librarian at Johns Hopkins University between 1976 and 1982, and served as a librarian at Northwestern University for two years following the completion of her master's degree in library science from the University of Chicago in 1974.

Baker also holds a master's degree in South Asian languages and civilizations from the University of Chicago (1974) and an undergraduate degree in economics from Muhlenberg College (Allentown, Pa.), granted in 1965.

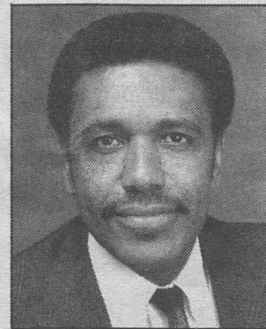
Her experience also includes working in computing for AT&T and the L.E. Myers Co. of Chicago and serving as a Peace Corps volunteer for two years in India.

"As we approach the 21st century, it is

clear we are moving to a time when we need to expand our academic information resources beyond those associated with the core of books, journals and periodicals of our own libraries," Wrighton noted in the naming of Baker as vice chancellor for information technology.

James E. McLeod, Vice Chancellor for Students and Dean of the College of Arts and Sciences

McLeod joined Washington University in 1974 as an assistant professor of German,



James E. McLeod

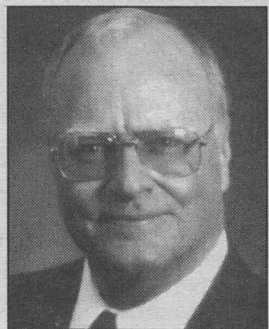
was named assistant dean of the Graduate School of Arts and Sciences from 1974 to 1977, and then became assistant to then-Chancellor William H. Danforth between 1977 and 1987. From 1987 to 1992, he was director of the African and Afro-American Studies Program. Three years ago he was named dean of the College of Arts and Sciences.

McLeod is a 1966 graduate of Morehouse College. In addition, he studied in Vienna, Austria, took graduate work at Rice University, and was a Woodrow Wilson Fellow and an NDEA Fellow. He received the 1991 Washington University Founders Day Distinguished Faculty Member award.

"Our students are central to our purposes, and we will be organized to serve their interests and needs," Wrighton said. "In connection with his duties as vice chancellor, Dean McLeod will be responsible for undergraduate admissions, financial aid, and student affairs, as well as his continuing duties in the College of Arts and Sciences."

Reporting to McLeod are Associate Vice Chancellor John Berg, who heads admissions, Associate Vice Chancellor Dennis Martin, who leads financial aid, and Justin Carroll, dean of student affairs. "Messrs. Berg, Martin and Carroll, together with Dean McLeod, will represent a team focused on our students, and I am grateful to have these four outstanding leaders in this area," Wrighton added.

Lee G. Weeks, Vice Chancellor for Financial Operations and Chief Financial Officer and Controller



Lee G. Weeks

Weeks joined Washington University in August 1994 as chief financial officer and controller from his previous position as executive vice president and chief financial officer at Edison Brothers Stores Inc. He served with Edison Brothers for nine years.

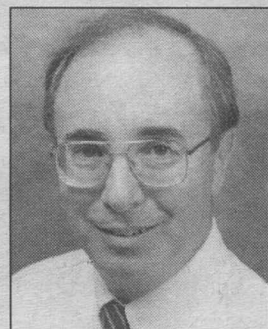
Previously, Weeks was group vice president and chief executive officer of the manufacturing and service group of Armco Inc., Middletown, Ohio. At Armco, he also served as group vice president (1981-82), chief financial officer (1980-81), group vice president for financial services (1978-

1980), assistant vice president (1977), corporate controller (1969-1977), as well as several other key appointments after he joined the company in 1964.

Weeks is a graduate of the University of Cincinnati and is a certified public accountant.

Benjamin S. Sandler, Treasurer

Sandler joined Washington University in 1967 as assistant director of admissions. In

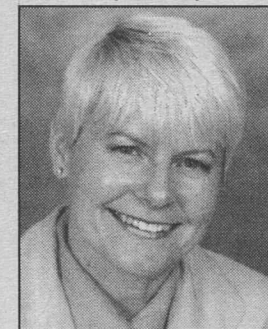


Benjamin S. Sandler

1973 he was appointed director of financial aid, a position he held until 1986, when he was named assistant vice chancellor for budget and institutional studies.

Gerhild S. Williams, Associate Vice Chancellor and Professor of German and Comparative Literature

Williams was named to the Washington University faculty in 1975 as an assistant



Gerhild S. Williams

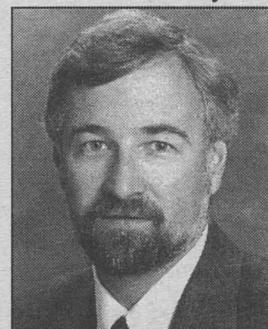
Literatures.

Williams served as acting chair of the German department during 1986-87 and became chair in 1988. In 1989, she was named associate provost.

Williams received both her bachelor's and master's degrees in comparative literature from the University of Washington in Seattle in 1969 and 1971, respectively. She received her doctorate in comparative literature from that same institution in 1974.

Dennis J. Martin, Associate Vice Chancellor and Director of Financial Aid

Martin joined Washington University as a financial aid counselor in 1975, after receiving a master's degree in English literature from the University. Between 1975 and



Dennis J. Martin

1982, he served as a financial aid counselor, assistant director and associate director of financial aid. In 1982, he was named assistant director of the National Association of Student Financial Aid Administrators. He served that organization in Washington, D.C., until 1986, when he returned to Washington University as director of financial aid. In 1990 Martin was named assistant provost. He is a 1974 graduate of Rutgers.

Sports

Compiled by Mike Wolf, director, and David Moessner, assoc. director, sports information.

Football Bears win sixth season opener in a row

Rallying from a 14-0 first-quarter deficit, Washington handed Rose-Hulman Institute a 43-32 defeat in the season opener at Francis Field this past Saturday.

Sophomore quarterback Thor Larsen, Nevada City, Calif., and junior fullback Chad Jackson, Greenwood, Ind., savored career days for the Bears. Larsen accounted for 282 of the Bears' 498 offensive yards, posting career highs for yards passing (230), yards rushing (52) and touchdown passes thrown (four).

Jackson rushed for a personal-best 113 yards and one touchdown on 14 carries.

Current record: 1-0

This week: 7 p.m. Saturday, Sept. 9, vs. Central Methodist College, Francis Field

Volleyball team snares four wins at More classic

Though lacking the raw power of years past, the Washington volleyball team came through at crunch time to win the team title at the Thomas More Classic. The eight-team tourney was held last Friday and Saturday at Crestview Hills, Ky.

The Bears opened the season with a 15-13, 15-11, 18-16 win over Wittenberg University on Friday and then capped the day with a 17-15, 15-4, 15-9 victory over John Carroll University. On Saturday, the Red and Green edged host Thomas More 10-15, 16-14, 15-13, 15-9 and then toppled Ohio Northern University 15-1, 15-13, 16-14 in the championship final.

Three Bears landed on the eight-player all-tournament team: junior setter Stephanie Habif, Tenafly, N.J., junior outside hitter Emmy Sjogren, Rockford,

Ill., and freshman middle blocker Jen Martz, St. Louis.

Current record: 4-0

This week: Friday-Saturday, Sept. 8-9, Washington University Classic, Field House

Men's soccer team begins 1995 campaign

A goal by junior forward Justin Reed, Kansas City, Mo., last year's leading scorer, was all Washington needed as the Bears posted an important 1-0 regional win over Illinois Benedictine College in their season opener last Saturday at Francis Field.

Current record: 1-0

This week: 2:30 p.m. Sunday, Sept. 10, vs. Rhodes College, Francis Field

Women's soccer team looks solid at festival

The women's soccer team played three solid matches at the season-opening Trinity University Labor Day Festival. The Bears finished sixth in the eight-team format, held Friday through Monday in San Antonio.

The Bears opened on Friday with a 3-2 loss to LaVerne University. On Saturday, the Bears fell to the host Tigers 3-1. Washington earned its first victory of the season with a 3-1 conquest of Southwestern University on Monday.

Current record: 1-2

This week: 11 a.m. Saturday, Sept. 9, vs. Wittenberg University, Francis Field; noon, Sunday, Sept. 10, vs. Rhodes, Francis Field

Lecture focuses on public school reform

Philip Coltoff, executive director of The Children's Aid Society of New York City, will discuss "Public School Reform: A Community Led Model" at 1:10 p.m. Thursday, Sept. 14, in Brown Hall Lounge.

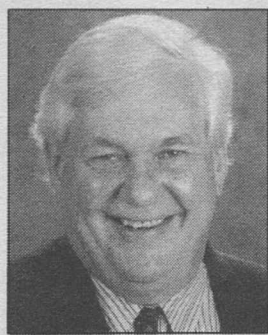
The Children's Aid Society, a 141-year-old child and family service agency, is one of the largest and oldest voluntary, non-sectarian agencies in New York. Coltoff, executive director of the society since 1981, is the guiding force behind an innovative and highly successful reform program the society is directing in two community schools in New York City's Washington Heights area.

The schools, which serve 2,700 mainly immigrant children and their families, are open all year from 7 a.m. to 10 p.m. each day. A challenging academic curriculum

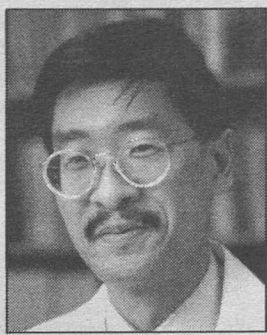
is integrated with access to full health and social services, including medical and dental clinics, mental health counseling, family support and child care. Before- and after-school programs tie directly to class work, creating a "seamless" school day. The schools have been transformed into full-service community institutions, which provide tutoring, recreation, entrepreneurship, teen programs, preventive services, weekend activities, cultural programs and summer camp in a violence-free environment.

Free and open to the public, Coltoff's speech is part of the George Warren Brown School of Social Work fall lecture series. One contact hour of continuing education credit is available to those attending the lecture. For more information, call the school of social work at 935-6606.

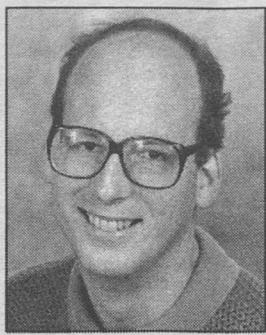
Panel 1: Learning to Learn: The Technology of Discovery



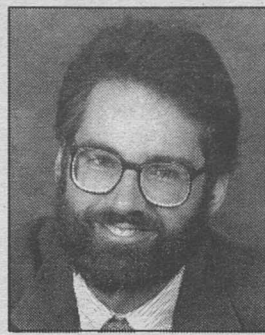
James T. Little, Moderator



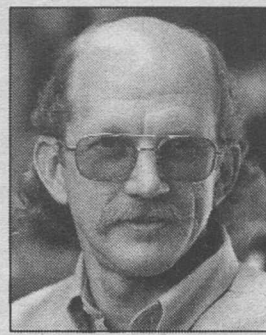
Dennis W. Choi



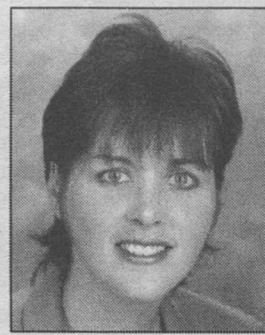
Douglas Dowd



Jonathan S. Turner

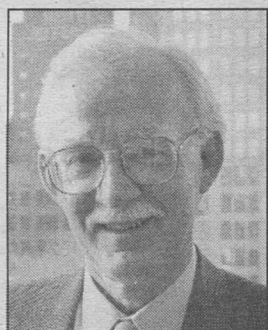


Robert H. Waterston



Karen L. Wooley

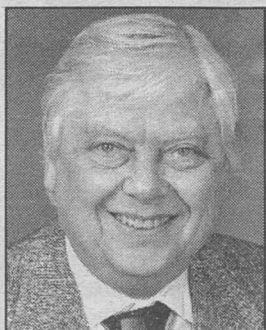
Panel 2: New Century, Old Planet: Development and Its Impact



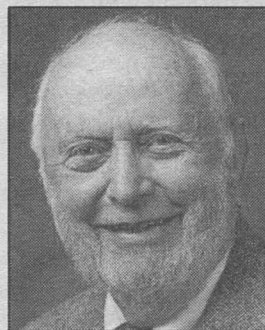
Donald C. Royse, Moderator



Jean Ensminger



William H. Gass



Douglass C. North



Enola K. Proctor



Leila Sadat Wexler

Faculty panelists will answer questions from audience —from page 1

Little, who will serve as Panel 1 moderator, directs the John M. Olin School of Business London Study Program. His research interests include international finance and economic development issues, as well as corporate finance and public taxation.

Dennis W. Choi, M.D., Ph.D.

Andrew B. and Gretchen P. Jones Professor of Neurology and head of the Department of Neurology

Choi is director of the Center for the Study of Nervous System Injury and the McDonnell Center for Cellular and Molecular Neuroscience at Washington University. His work has focused on therapeutic strategies for ameliorating brain injury.

Douglas Dowd

Assistant professor of art and director of the Core Program

Dowd produces illustrated books that explore the relationship between text and image. Co-founder in 1988 of the Charles Bevan Press, he has works in the permanent collections of the Whitney Museum of American Art in New York, the National Gallery of Art in Washington, D.C., and the Walker Art Center in Minneapolis.

Jonathan S. Turner, Ph.D.

Henry Edwin Sever Professor of Engineering and chair of computer science

Turner is internationally recognized for his expertise in the design and analysis of switching systems, especially high-performance asynchronous transfer mode (ATM) systems supporting multipoint communication. He and Washington University collaborators in medicine,

computational imaging and high-performance computing are exploring applications of ATM switching systems.

Robert H. Waterston, M.D., Ph.D.

James S. McDonnell Professor of Genetics and head of the Department of Genetics
Waterston directs the Genome Sequencing Center at the School of Medicine. He and colleagues in Cambridge, England, recently have received international attention for their proposal to sequence the human genome using techniques that they have applied successfully to the genome of the roundworm.

Karen L. Wooley, Ph.D.

Assistant professor of chemistry
Wooley is a specialist in polymer chemistry, with interests in biocompatible degradable polymers and the assembly of nanoscale polymer structures, among other organic chemistry areas. Not yet 30 years old, Wooley won a National Science Foundation National Young Investigator Award in 1994, which will fund her research until 1999.

Panel 2: New Century, Old Planet: Development and Its Impact

Donald C. Royse, Ph.D.

Professor of architecture

Royse, who will serve as Panel 2 moderator, is an expert in urban planning issues. He practices both in architecture and planning, and has worked extensively with the City of St. Louis on development issues as they relate to urban planning.

Jean Ensminger, Ph.D.

Associate professor of anthropology

Ensminger focuses on the economic and political issues that drive change in societies. She works closely with faculty from various disciplines who share an interest in the relationship between institutions, politics and the economy.

William H. Gass, Ph.D.

David May Distinguished University Professor in the Humanities and director of the International Writers Center
Gass, a critically acclaimed essayist and novelist, has been described by writer Robert Coover as "a kind of intellectual spokesman for new writing in America. He has impatience for anything that smacks of convention." Among Gass' many honors is a 1985 National Book Critics Circle award.

Douglass C. North, Ph.D.

Henry R. Luce Professor of Law and Liberty and professor of economics
North, a Nobel-prize winning economist, examines the importance of institutions in understanding economic and political development. He received the Nobel Prize

in 1993 in recognition of his contribution to understanding how economic and political institutions change over time.

Enola K. Proctor, Ph.D.

Frank J. Bruno Professor of Social Work Research and director of the Center for Mental Health Services Research
Proctor's research examines the effectiveness of health and mental health systems in delivering services to people who need them, especially the poor and aged. Two of her current studies address access to care in a changing healthcare environment and the impact of service use on recovery and readmission.

Leila Sadat Wexler, J.D., D.E.A., LL.M.

Associate professor of law
Wexler has extensive knowledge of international law and practiced international commercial law in Paris for five years before joining Washington University. She recently published two articles on the war crimes trial held last spring in France and is working on a series of articles on linguistic problems in the European Community and the United States.

Archives exhibit looks at past chancellors

An exhibit highlighting past Washington University chancellors will be on display in Olin Library as part of the festivities for Mark S. Wrighton's inauguration as 14th chancellor.

"Washington University's Chancellors: 1858-1995" may be viewed during regular library hours from Sept. 13 to Oct. 13. The exhibit will be housed in a glass case just inside the library's outer main doors.

Wrighton will be installed as chancellor during a ceremony Oct. 6.

Carole Prietto, University archivist and exhibit organizer, said photos of past chancellors, programs from past inaugurations and a photo of the Chancellor's Medallion will be displayed. The exhibit also will showcase chancellor artifacts, such as the doctoral hood worn by the University's seventh chancellor, Herbert S. Hadley, and William G. Eliot's letter accepting the invitation to be the third chancellor.

For more information, call Prietto at 935-5444.

School of Law promotes faculty

Michael Greenfield, J.D., has been appointed the Walter D. Coles Professor of Law, and Stephen Legomsky, J.D., D.Phil., has been named the Charles F. Nagel Professor of International Law, Dorsey D. Ellis Jr., dean of the School of Law, has announced.

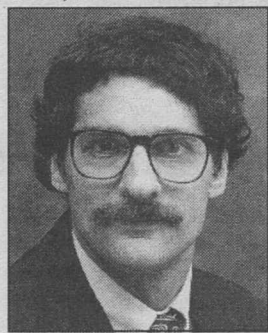
Greenfield, who has been a member of the School of Law faculty since 1969, has written numerous books and articles on consumer law.



Michael Greenfield

His most recent books are "Consumer Transactions," a casebook published in 1991, and "Consumer Law," a treatise that will be published this summer by Little, Brown and Company. Greenfield received a bachelor's degree in history from Grinnell College in Iowa and graduated with honors in 1969 from the University of Texas at Austin School of Law, where he was an editor of the Texas Law Review.

Legomsky, who joined the faculty in 1981, is an internationally recognized expert on immigration law. His leading publications include: "Immigration and the Judiciary," published by Oxford University Press in 1987; "Specialized Justice," published by Oxford University Press in 1990; and a casebook on immigration law and policy published in 1992.



Stephen Legomsky

Legomsky received a bachelor's degree in math from Worcester Polytechnic Institute and worked as an actuary for five years. He received his J.D. from the University of San Diego in 1977, where he was comments editor of the San Diego Law Review. He also earned a doctorate of philosophy degree in law from the University of Oxford in 1984.

In 1993 Legomsky was elected to a three-year term on the University City Board of Education.

Food court offers healthy variety —from page 1

from a variety of Asian foods to build their own rice bowls or order food a la carte.

Carlos Pepper's offers vegetable and chicken fajitas, as well as fiesta rice and refried beans. In addition to a chargrilled or fried chicken sandwich, Chick-fil-A offers several salads. Pizzas from Salubré, which means "healthy" in Italian, are made with honey-wheat dough.

For sweeter delights, the coffee, bakery and ice cream shop (the former deli) now features a bakery that offers low-fat and fat-free muffins, along with favorites such as huge "monster cookies," made with chocolate chips, oatmeal and peanut butter. All the bakery goodies, including cinnamon rolls, are baked on site. Also available at the cafe, which seats 75, is Gourmet Bean coffee and Freshens, a vendor of frozen yogurt and hard-pack ice cream. Available are four flavors of Freshens frozen yogurt and eight flavors of hard-pack ice cream, such as turtle pie. Fat-free vanilla yogurt may be topped with sugar-free and fat-free hot fudge and caramel.

"We are thrilled to help the University make this dream a reality for the stu-

dents," said Lea Ann Ruhlman, Marriott general manager at Washington University. "This food court allows students to dine on the familiar foods they grew up eating while enjoying the convenience of a fast-food format. We are proud to both participate in and support it."

Marriott Management Service is the world's leading contract service organization. It provides food and facilities service management, including housekeeping, plant operations and maintenance, and laundry and child-care services to more than 3,200 clients in corporate, education and healthcare facilities.

—Carolyn Sanford

Correction

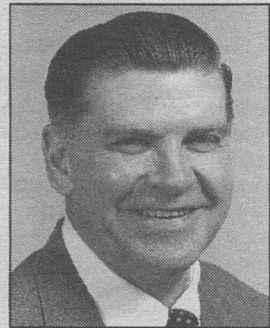
On page 3 of the Aug. 31 Record a photo caption misidentified the student sitting with Shanti Khinduka, Ph.D., dean of the George Warren Brown School of Social Work. The student actually was Rabelani Dazhama, a graduate student from South Africa. The Record staff regrets the error.

News Analysis

News Analysis contains excerpts from the For Expert Comment service. The service, which provides timely faculty comments to media across the country, is distributed by the Office of University Communications.

Unions will shift focus from politics to gaining members

Raymond L. Hilgert, D.B.A., professor of management and industrial relations,



Raymond L. Hilgert is an expert on labor relations management. He has been a certified arbitrator for more than 20 years and arbitrates about 15-20 labor disputes each year. As the nation celebrated Labor Day earlier this week, Hilgert discussed the status of unions. His comments are published below.

In recent years, labor unions have been a major player in political elections, but now unions will be focusing more on organizing and less on supporting political candidates, said Hilgert.

When unions do enter the political arena, they will be more likely to focus their efforts on local and state elections, rather than the presidential campaign, he said, noting that the AFL-CIO recently launched a \$1 million TV campaign aimed at identifying 26 Republicans in the U.S. House as foes of working families.

And while the nation looks forward to the November 1996 presidential election, Hilgert sees the October 1995 elections of new AFL-CIO leaders as a major turning point for organized labor. The election pits the "old guard" leadership of Thomas Donahue against a slate of "change-is-needed" proponents led by John Sweeney. Hilgert considers it a sign of labor's changing attitude that both factions have a woman included in their slate of nominations for key executive union posts.

"The outcome of the AFL-CIO leadership election in October will be a defining moment for this union organization and for labor in general," Hilgert said. "The outcome may help determine whether labor can invigorate itself and begin reversing the steady decline of organized labor as a percentage of the American work force."

Hilgert said that union membership actually has increased somewhat in recent years, due primarily to the recall of workers laid off from manufacturing and building trade positions. However, the percentage of union workers — now less than 16 percent of the nation's total work force — continues to slide. The decline has been sharpest in manufacturing, where only about 10 percent of all workers are now part of a labor union, he said.

Labor unions will be focusing next year on organizing new members, particularly lower-paid and minority workers, to boost their strength in numbers, Hilgert said. Low-income and minority workers are the most alienated work force and need representation most, he added. The AFL-CIO also has recently proposed the creation of a \$20 million war chest to assist member unions in adding members and organizing new industries.

"Many labor leaders are profoundly disappointed in the Clinton administration and they now believe that the future of unions depends upon organizing a larger, more committed membership," he said.

For The Record

For The Record contains news about a wide variety of faculty, staff and student scholarly and professional activities.

Of note

Two dance students in the Performing Arts Department, along with a Washington University alumnus, attended prestigious summer dance programs. Senior **Alexander Gish** attended Columbia College in Chicago's program. Senior **Tâm Lê** was offered full-tuition scholarships at two leading programs: Jacobs Pillow and the American Dance Festival in Durham, N.C. He attended Jacobs Pillow in Lee, Mass. In addition, alumnus **Michel Yang**, who received a bachelor's degree in dance science, a special major, from Washington University in May, was recognized as the outstanding dance student at the University by the National Dance Association. She received a scholarship to enroll in the graduate dance program at New York University's Tisch School of the Arts. ...

Michael L. McDaniel, Ph.D., professor of pathology, received an \$878,738 five-year grant from the National Institute of Diabetes and Digestive and Kidney Diseases for a project on "Cell Biologic Approaches to Diabetes Research." ...

Joseph W. St. Geme, M.D., assistant professor of molecular microbiology and pediatrics, received a \$936,399 four-year grant from the National Institute on Deafness and Other Communication Disorders for a project titled "Biology of the HMW2 and HMW2 Adhesins of H Influenzae."

Speaking of

During the Association for Research in Otolaryngology's meeting in St. Petersburg Beach, Fla., **William W. Clark**, Ph.D., professor of physiological acoustics in the Department of Speech and Hearing and interim director of research and a senior research scientist at the Central Institute for the Deaf (CID), delivered a presentation on "School-related Noise Exposure in Children." At the same meeting, **Gerald R. Popelka**, Ph.D., professor of audiology in the department and director of professional education programs at CID, co-presented two posters on "The Relation Between Hearing Sensitivity and the 2f1-f2 Distortion Product Otoacoustic Emission for Low-level Stimuli" and "Growth of the 2f1-f2 Distortion Product Otoacoustic Emission for Low-level Stimuli in Human Neonates." In addition, he co-presented a

Students win Goldwater Scholarship competition

Juniors **Hardave S. Kharbanda**, **Akash Nanda** and **Jade P. Vinson** have been awarded 1995 Barry M. Goldwater Scholarships and will receive up to \$7,000 each in their junior and senior years.

Kharbanda is a biology major. Nanda is majoring in chemistry with a biochemistry concentration, and Vinson is a mathematics major.

In this year's competition, two universities, Duke and Princeton, had four winners, and five institutions, including Washington University, had three. Washington University has consistently ranked at or near the top of the list in terms of total scholarships won. Nineteen students from the University have received scholarships since 1990.

"These results over several years and over several departments strongly confirm our sense that undergraduate education and research in the sciences here is conducted at a very high level of excellence, a level achieved at only a handful of the nation's best research universities," said Robert E. Wiltenburg, Ph.D., associate dean of the College of Arts and Sciences.

The Barry M. Goldwater Scholarship and Excellence in Education Program was authorized by the U.S. Congress in 1986 to honor Goldwater, who served in the U.S. Senate for 30 years. The program pays tribute to Goldwater's leadership and establishes in his name an endowed recognition program to foster and encourage excellence in science and mathematics.

workshop on "Information Sharing via the Internet." ...

Andrew D. Dimarogonas, Ph.D., William Palm Professor of Mechanical Design, delivered a plenary lecture on "Impact Engineering and the Persian Wars" at the American Society of Mechanical Engineers' Materials and Mechanics Summer Conference in Los Angeles. ...

Fran Porter, Ph.D., assistant professor of pediatrics, presented her research findings at Child Health 2000, a conference in Vancouver, Canada, that was sponsored by the World Health Organization. She participated in a session titled "Pain in Newborns: Revolutionary Impact on Neonatal Intensive Care Unit Care." Her talk was titled "Physiologic Responses in Caregiver Interpretation of Newborn Pain."

On assignment

Thomas Head, Ph.D., assistant professor of history, was appointed a corresponding member of a research group of the Centre

National des Recherches Scientifiques in France. The group is titled "Eglise et Société en Bourgogne VIe-XIe Siècles" (Church and Society in Burgundy, Sixth to 12th Centuries). ...

Hugh J. Macdonald, Ph.D., Avis Blewett Professor of Music, was Miegunyah Distinguished Visiting Professor of Music at the University of Melbourne, Australia. ...

Deborah C. Rubin, M.D., assistant professor of medicine, was appointed to the American Gastroenterological Association's Women in Gastroenterology Committee. Her appointment runs through 1998.

Guidelines for submitting copy:

Send your full name, complete title, department, phone number and highest-earned degree, along with a typed description of your noteworthy activity to For The Record, c/o Carolyn Sanford, Campus Box 1070, or p72245cs@wuvmd.wustl.edu. Items must not exceed 75 words. For information, call Sanford at 935-5293.

Faculty members receive Fulbrights

Three faculty members received Fulbright grants to teach and conduct research abroad during the summer and the 1995-96 academic year, Michele Shoresman, Ph.D., associate director of the Office of International Studies, has announced.

Carl M. Bender, Ph.D., professor of physics, lectured and conducted research on mathematical physics at Imperial College, London, this summer and is continuing to do so this year. He received additional support for his teaching and research in London from a grant awarded by Britain's Particle Physics and Astronomy Research Council. His grant application to the council, which is similar to the National Science Foundation, was ranked No. 1. In addition, Bender has been awarded a distinguished Lady Davis Fellowship to teach and conduct research at Technion-Israel Institute of Technology in Haifa, Israel, this fall.

Peter Heath, Ph.D., associate professor and chair of the Department of Asian and Near Eastern Languages and Literatures, was awarded a Fulbright to lecture on Islamic studies at universities in

Malaysia this summer. He was one of four scholars chosen nationwide to lecture on how Islam is perceived in the United States and on various aspects of the Islamic intellectual tradition. He gave 21 lectures at Malaysian universities and institutes and participated in a daylong seminar on "Islam and Development: East and West" in Kuala Lumpur, Malaysia.

Robert Henke, Ph.D., assistant professor of drama and comparative literature, received a Fulbright and was selected as a 1995-96 fellow by Villa I Tatti, which is the Harvard University Center for Italian Renaissance Studies located in the town of Settignano, just outside Florence, Italy. His research project is "Orality and Literacy in the Commedia dell'Arte and the Shakespearean Clown." The awards are funding his research in Florence during the 1995-96 academic year. For his project, he additionally received a Gladys Krieble Delmas Foundation award for research in Venice, Italy, this summer, a Washington University Faculty Research Grant and a Huntington Library research fellowship.

Phi Beta Kappa announces book award winners

The Washington University chapter of Phi Beta Kappa, the national honor society for students in the liberal arts, has announced its Freshman Book Award winners. The winners are Amy L. Angert of Elgin, Ill., and Yekaterina Karpitskaya of Ballwin, Mo., who just completed their freshman years. Angert has not declared a major. Karpitskaya is majoring in biology and psychology.

The Freshman Book Award is given each year to one or two first-year students who are interested in the liberal arts. Selection is based on the students' academic record as well as the diversity of their first-year classes. All students must maintain at least a 3.80 grade point average.

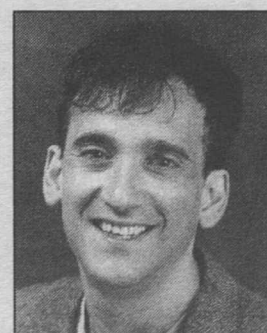
The award consists of a book of the students' choice.

For more than 200 years, Phi Beta Kappa has recognized intellectual accomplishment in the liberal arts and sciences. Established in 1913, the Washington University chapter — Beta of Missouri — strives to promote worthy intellectual endeavors and to recognize individual achievement.

Campus Authors

The following is a recent release available at the Campus Bookstore in Mallinckrodt Center on the Hilltop Campus or at the Washington University Medical Bookstore in the Olin Residence Hall. For more information, call 935-5500 (Hilltop Campus) or 362-3240 (School of Medicine).

"The Price of Tea in China" is the title of a new collection of stories by **E. Shaskan Bumas**, a doctoral candidate in English literature and comparative literature. With the practiced eye of a traveler-at-large, Bumas portrays characters struggling to define their relationships to each other and to their time. Whether scientists or artisans, punks or New Agers, single mothers or students, activists or children in harm's way, Bumas' characters fill these stories with heart and subversive humor. "The Price of Tea in China" depicts places as far-flung as a Manhattan ghetto and a provincial Chinese city through an exploration of human relationships that makes each location both foreign and familiar. The book won the Associated Writing Programs Award in Short Fiction. (University of Massachusetts Press, Amherst, Mass.)



Opportunities & personnel news

Hilltop Campus

The following is a list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 126 North Brookings Hall, or by calling 935-5990.

Assistant Facility Manager 960024. *Department of Athletics.* Requirements: bachelor's degree; ability to communicate well; ability to supervise student employees; ability to organize; ability to think and act independently. Résumé required.

Programmer Analyst III 960027. *Computing and Communications.* Requirements: bachelor's degree; good language and people skills; ability to work with minimal supervision; ability to learn quickly and adapt to new circumstances; experience with management of desktop computers; knowledge of desktop database technology in a client/server environment highly preferred; familiarity with DOS, Macintosh systems; knowledge of Novell, Appletalk, Windows and TCP/IP networking highly preferred. Résumé required.

Accountant 960030. *Accounting Services.* Requirements: bachelor's degree; one to two years accounting experience; excellent interpersonal and communication skills; related accounting experience, including computer processing of accounting data; excellent personal computer skills. Résumé required.

Receptionist/Accounting Assistant 960031. *School of Law.* Requirements: high school graduate; excellent telephone, public relations and organizational skills; experi-

ence with IBM-compatible computers and WordPerfect software preferred; ability to meet the requirements to serve as a notary public; three semester hours of college accounting preferred; typing 40 wpm. Résumé required.

Career Counselor 960032. *Career Center.* Requirements: undergraduate degree in a liberal arts discipline; graduate degree in counseling; knowledge of career counseling and placement theory and practice; experience in, or exposure to, an arts and sciences career center; knowledge of career opportunities for liberal arts graduates; self-starter and team player; flexibility; creativity; high tolerance for ambiguity; a sense of humor; a commitment to continued development as a career planning and placement professional. Résumé required.

Departmental Secretary 960034. *Alumni and Development Programs.* Requirements: high school graduate, certificate or associate's degree preferred; strong background in Microsoft Word; excellent verbal and written skills; pleasant, professional manner with co-workers, volunteers, vendors; willingness to work extra hours if necessary; typing 50 wpm. Résumé required.

Departmental Secretary 960035. *Alumni and Development Programs.* Requirements: high school graduate, certificate or associate's degree preferred; strong background in personal computers; experience with Microsoft Word preferred; pleasant, professional manner with co-workers, volunteers, vendors; ability to handle multiple tasks in an organized, accurate and timely manner; excellent verbal and written skills; willingness to work extra hours if necessary; typing 40 wpm. Résumé required.

Computer Specialist II 960040. *Department of Biology.* Require-

ments: certificate or associate's degree, bachelor's degree preferred; strong training and interpersonal skills; ability and willingness to do repairs and maintenance; ability to support diverse end-user group in academic environment and on hybrid platform; demonstrated ability to develop useful documentation and training seminars in word processing, e-mail, Internet offerings, etc., and to function effectively in unstructured, harried environment; ability to work independently; good judgment. Résumé required.

Phonathon Coordinator 960043. *Alumni and Development Programs.* Requirements: bachelor's degree; strong verbal and written skills; pleasant, professional manner with co-workers, volunteers and outside vendors; confidence in decision-making skills; ability to supervise students in an effective manner; strong organizational skills; ability to tabulate and report gift data; willingness to work flexible hours; energy and enthusiasm. Résumé required.

Library Technical Assistant 960044. *Olin Library.* Requirements: some college; knowledge of bibliographic sources or appropriate library experience; ability to work with materials in various languages; study of one Western foreign language preferred; ability to work independently and to organize work flow; typing 35 wpm with accuracy; knowledge of automated systems preferred; physical stamina; experience with personal computers, particularly Windows, preferred. Résumé required.

Publications Coordinator 960045. *Center for the Study of American Business.* Requirements: bachelor's degree; experience in editing and producing publications, publication design and layout. Résumé required.

Administrative Assistant 960046. *Board of Trustees.* Requirements: high school graduate with some college; excellent organizational and verbal skills; efficiency in word processing and data processing; computer skilled; ability to use computer to increase office efficiency; ability to coordinate numerous details to prepare for an event; willingness to work outside of office hours setting up meetings, events; skill in writing and proofing minutes; accuracy, even in routine things; willingness to assist on a variety of tasks; pleasant demeanor with fellow workers and external constituencies; five years secretarial experience. Résumé required.

Shared Services Payroll Manager 960050. *Accounting Services.* Requirements: three to five years of public accounting experience; working knowledge of Internal Revenue Service regulations as they pertain to payroll operations; payroll experience highly preferred; excellent interpersonal skills; a service-oriented communicator who is accessible; team player with the ability to forge relationships and bring groups together on difficult payroll issues; willingness to devote long hours to achieve University goals and objectives; an undergraduate degree in accounting or finance or equivalent and/or a certified public accountant; a master's degree in business administration is a plus. Résumé required.

Purchasing Manager 960054. *Department of Biology.* Requirements: customer service oriented; excellent verbal and written communication skills; typing 45 wpm with accuracy; good math and clerical skills; ability to enter data into computer accurately and quickly; knowledge of FIS and accounts payable systems, and accounting practices; ability to interact effectively with purchasing, stockroom, labs, faculty, other departments, vendors and co-workers; high school education; ability to lift and move heavy packages (40 lbs. minimum); willingness to handle hazardous chemicals and radioactive materials. Duties: responsible for all aspects of the purchasing function in the department; input orders online; follow up with vendors on order status; order stockroom inventory as directed by the stockroom manager; assist with the obtaining of necessary justifications; and resolve accounts payable problems; obtain price quotes, process

IDs, blanket orders and analyze order patterns for bid opportunities. Application required.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request should contact the Human Resources Department of the medical school at 362-4920 to request an application. External candidates may call 362-7195 for information regarding application procedures or may submit a résumé to the Human Resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, Mo., 63110. Please note that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to departments other than Human Resources.

Preventive Maintenance Mechanic 950564-R. *Building Services.* Requirements: high school graduate or equivalent; experience with institutional maintenance and heating, ventilating and air conditioning preferred.

Energy Management Tech 950830-R. *Plant Maintenance.* Requirements: high school graduate or equivalent with three years related experience; institutional maintenance background preferred; experience with personal computers.

Environmental Tech I 951088-R. *Environmental Safety.* Requirements: high school graduate or equivalent, some college preferred. Responsibilities include handling chemicals and infectious waste; familiarity with scientific/math calculations and background in chemistry or biology preferred.

Power Plant Supervisor 960012-R. *Facilities.* Requirements: high school graduate or equivalent with technical courses related to plant operations; familiarity with gas-fired boilers, steam generators and pollution control.

Medical Assistant 960097-R. *Ophthalmology.* Schedule: part time, 9 a.m.-3 p.m. Mondays, Wednesdays, Thursdays and Fridays. Requirements: high school graduate or equivalent with training and cer-

tification as a medical assistant; clinical experience; familiarity with personal computers preferred.

Security Officer 960113-R. *Security.* Requirements: high school graduate or equivalent, associate's degree preferred; two years experience as a security officer in a large institution or military police experience.

Supervisor, Insurance Billing and Collection 960121-R. *Washington University Shared Billing and Collection Services.* Requirements: high school graduate or equivalent with five years related experience, preferably in a medical insurance setting with supervisory duties.

Quality Management Coordinator 960125-R. *Custodial Services.* Requirements: high school graduate or equivalent, associate's degree in business, management or related field preferred; 10 years experience with housekeeping, including five years experience at a supervisory level in a university, hospital or large corporation preferred.

Manager, Financial Operations 960166-R. *Facilities Business Office.* Requirements: bachelor's degree, master's degree preferred. Responsibilities include assisting business manager in managing the financial and support activities within the facilities department.

Audiovisual Technician 960174-R. *Library.* Requirements: high school graduate or equivalent; experience in audiovisual procedures and equipment; working knowledge of computers.

Secretary II 960184-R. *Risk Management.* Requirements: high school graduate or equivalent, some college preferred; two to three years office experience and knowledge of legal terminology preferred; typing 50 wpm.

Analyst for Program and Finance Planning 960202-R. *Financial Planning.* Requirements: bachelor's degree in business or related field with three to four years related business experience or master's degree in business administration or other advanced degree in related field and related work experience as a summer intern; experience with microcomputers; knowledge of QUATTRO PRO, Lotus, Focus and Microsoft Word preferred.

United Way drive spurs friendly competition between campuses

The fund drive for this year's Greater St. Louis United Way campaign begins Sept. 12. The University's United Way campaign coordinator, Clarence C. Barksdale, said the campus campaign has a renewed sense of mission this year.

"Our goal is to increase not only the dollar amount, but the percentage of Washington University staff and faculty participating in the fund drive," said Barksdale, who also is a member of the University's Board of Trustees.

Barksdale noted that because the United Way relies on volunteers, its overhead is very low. Last year, for example, more than 90 percent of the money raised went to local organizations, while only 5 percent was used for fundraising expenses.

The University's goal this year is \$300,000. Last year the University met its goal of \$287,000, but only 19 percent of the faculty and staff pledged.

"By supporting more than 140 local organizations, the United Way helps everyone," said Chancellor Mark S. Wrighton, Ph.D. "I hope that the University community can send a strong message of support to the United Way by increasing our level of participation."

Barksdale said his plans include special events, such as film presentations and United Way agency tours for those interested. In addition, Barksdale said he hopes to enlist stronger support from deans and department heads in meeting the campaign goal. In the past, some departments have hosted kickoff parties to

encourage donations and pledges from their faculty and staff.

This year the University will be divided into three teams: Medical, Hilltop and West campuses. Friendly competition will be encouraged between the teams.

Washington University faculty and staff have made a tradition of participating in the United Way campaign since its inception more than 25 years ago. United Way agencies in the region provide such things as disaster relief, child abuse prevention and treatment programs, elderly support services, counseling and support for unemployed individuals and their families, and programs to fight hunger and prevent or alleviate homelessness.

The United Way of Greater St. Louis aims to raise \$51.3 million this year, which surpasses last year's \$50 million goal. In a recent St. Louis Post-Dispatch article, United Way campaign chair (and Washington University trustee) Andrew B. Craig III acknowledged that it will be challenging for the St. Louis community to meet its goal, particularly in light of recent corporate downsizing and Southwestern Bell Telephone's out-of-state move.

The Sept. 12 United Way kickoff features a noon rally downtown at Kiener Plaza. There will be live music, media celebrities and food from local restaurants. For the second year, Washington University will participate in Days of Caring, which will coincide with the kickoff week. Days of Caring involves teams of volunteers from companies, labor unions and other groups that will offer services to United Way agencies, such as reading to children, helping the elderly and providing gardening tips.

For more information, call Gloria White at 935-5949 on the Hilltop Campus, Laurel Forsythe at 362-7198 on the Medical Campus, and Tom Eschen at 935-4349 on the West Campus.

Campus Watch

The following criminal incidents were reported to the University Police Department Aug. 27-Sept. 4. Readers with information that could assist the investigation of these incidents are urged to call 935-5555. This release is provided as a public service to promote safety awareness on campus.

Aug. 28

9:20 a.m. — A student reported that between 2 and 6 p.m. Aug. 24 someone stole a black purse that was under a chair in the Mallinckrodt Center Food Court. The total value is estimated at \$37.

Aug. 29

1:12 p.m. — A student reported that someone stole two swimsuits and a towel from a locker in the women's locker room at the Athletic Complex. The total value is estimated at \$110.

3:38 p.m. — University Police responded to a non-injury auto accident in the parking lots north of Givens, Steinberg and Bixby halls. A student struck another vehicle, and the driver of the second vehicle surveyed the damage and left the scene without further contact.

Sept. 1

9:06 p.m. — A security guard at West Campus reported seeing three suspicious males in a parking lot. One of the males appeared to have a crowbar, and the subjects were looking into vehicles. They fled when approached by the guard.

Sept. 2

1:42 a.m. — A fraternity member reported that someone vandalized a utility closet in one of the fraternity houses. The vandalism appar-

ently caused the telephone service to be disrupted.

Sept. 3

3:04 a.m. — A student reported that the rear window of a car had been broken out between 1 and 3 a.m. in a parking lot west of Mallinckrodt Center.

1:35 p.m. — A student reported that at about 5 p.m. Sept. 2 an unidentified male grabbed the student's buttocks while in the west stairwell of Liggett Residence Hall. Later, another student reported that at about 11 a.m. Aug. 21 an unidentified male grabbed the student's buttocks while walking in Eads Hall. Police believe the two incidents are related.

5:13 p.m. — A student reported that an unlocked bicycle, valued at \$200, was stolen from the first-floor hallway of a fraternity house between June 2 and Aug. 21.

Sept. 4

6:15 p.m. — University Police arrested two juveniles who allegedly stole a bicycle tire. The arrests were made at the Throop Drive overpass. The two juveniles were turned over to St. Louis County juvenile authorities. Three other juveniles escaped on foot.

University Police also responded to one report of a lost wallet, three reports of lost or stolen license plates and one report of harassing telephone calls.