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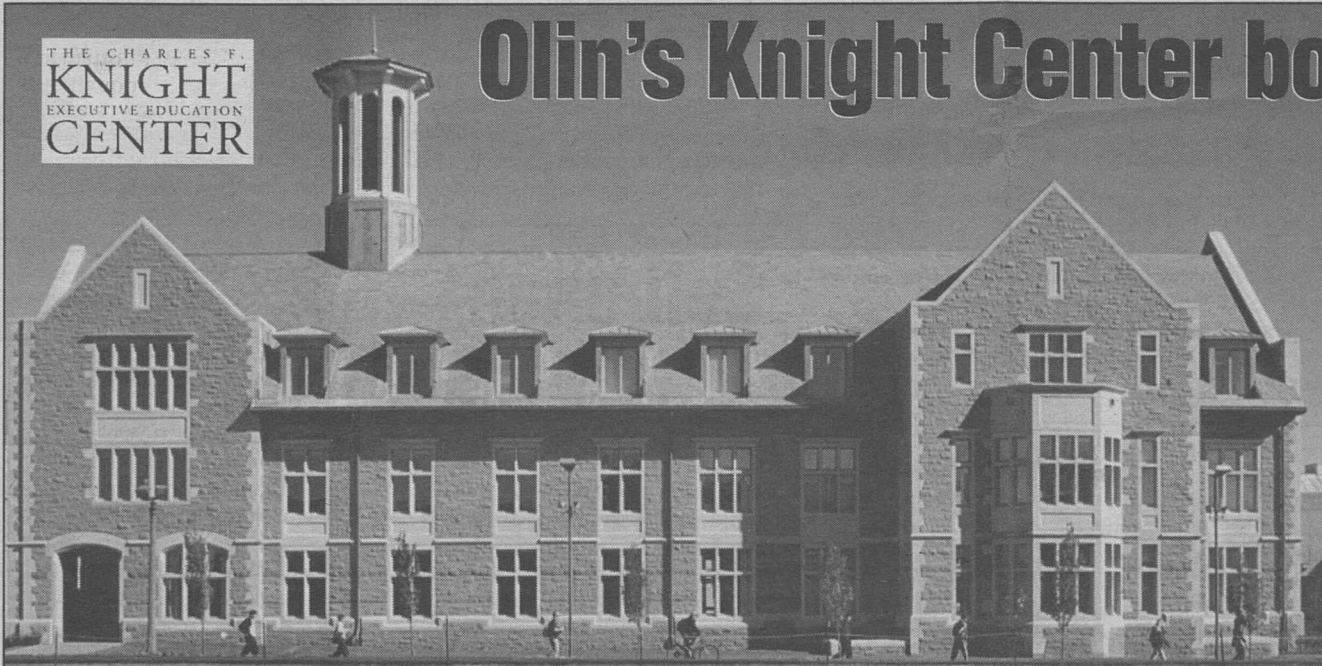
Record

Oct. 5, 2001

Volume 26 No. 7



Washington University in St. Louis



THE CHARLES F.
KNIGHT
EXECUTIVE EDUCATION
CENTER

Olin's Knight Center bolsters University

Dedication ceremony today

The opening of the Charles F. Knight Executive Education Center, among the most technologically advanced executive education facilities in the nation, strengthens the Olin School of Business' position as a major center for management education.

The five-story building, named after Charles F. Knight, chairman and chief executive officer of Emerson for 27 years, houses executive education programs for mid- through upper-level executives, and the business school's Weston Career Resources Center. Construction on the building began in March 1999 and was completed this summer.

The \$50 million, 135,000-square-foot center on the Hilltop Campus provides a totally integrated residen-

The \$50 million, 135,000-square-foot Charles F. Knight Executive Education Center — viewed here from the south — sits between Anheuser-Busch and Eliot halls on the Hilltop Campus. The five-story facility will be dedicated in a 4 p.m. ceremony today outside the building's south facade. "This dedication marks the beginning of a new era for Olin, Washington University and the St. Louis region," said Olin School of Business Dean Stuart I. Greenbaum, Ph.D.

See Knight Center, Page 2

More inside

Photos, more information on the Charles F. Knight Executive Education Center. Pages 4-5

Seligman's SEC advisory committee issues report

By ANN NICHOLSON

As chair of a Securities and Exchange Commission (SEC) advisory committee, Joel Seligman, J.D., dean of the School of Law and the Ethan A. H. Shepley University Professor, is helping pave the way for improvements in the public availability of market data generated by the nation's equities and options markets.

The 25-member Advisory Committee on Market Information recently issued a 103-page report — titled "A Blueprint for Responsible Change" — with a variety of recommendations, including a new, more competitive structure for consolidating and disseminating vast streams of market information.

"To a large extent, each of the committee's recommendations reflects new possibilities brought about by changes in information technology since 1975 when the statutory basis for the current market was enacted," Seligman said.

"Technological change already has led to innovation in the securities markets, including decimalization, the development of electronic communications networks and alternative trading systems, global competition among exchanges and faster trading cycles," he continued. "Under the committee's recommendations, technology also could facilitate replacing the current single consolidator system with a competitive one in which each market could sell its data to a number of consolidators."

The current central processing system for market data dates back to the early 1970s when the SEC developed a national system to compile information from all the securities markets into one central

clearinghouse. This information is then disseminated to vendors, such as Reuters and Bloomberg. The vendors, in turn, provide the data based on a fee schedule to subscribers, broker-dealers, individual investors and institutional investors.

Under the committee's proposal, multiple consolidators would be allowed to compile market data and distribute it to vendors. This would enable competitive pricing of such information and encourage innovation, Seligman said.

The SEC established the advisory committee in August 2000, following commission findings of deep divisions in the securities industry over the best methods for regulating market information.

Seligman, co-author with the late Louis Loss of the 11-volume treatise "Securities Regulation," was selected to chair the committee based on his expertise in securities law. The SEC also appointed committee members to represent the perspectives of the public, investors, broker-dealers, vendors and other market participants.

The committee, which concluded its pre-report analysis this summer, stressed the importance of both consolidation and market transparency. Transparency involves public access to a consolidated, real-time stream of data on quotes and trades for each of the thousands of stocks and options actively traded in the national market system. This data includes the highest bid and lowest offer price currently available for a given security, as well as the trade price and volume of completed transactions of all markets trading that security.

"Price transparency is a

See Seligman, Page 2



Trivia teamwork Students first put their heads together (top) to come up with an answer, then celebrate a moment of triumph (above) during a trivia night Sept. 26 in the Mudd House multipurpose room. The event was held for residents of the Lee/Beaumont Residential College to raise money for the Red Cross' Sept. 11 relief fund. Approximately 70 students attended the event and helped raise more than \$200 for relief efforts in New York City and Washington, D.C.

Panel discussion on terrorism Oct. 11

University College in Arts & Sciences will hold a panel titled "The Response to Terrorism: One Month After ... and Beyond" at 7 p.m. Oct. 11 in Brown Hall Room 100.

The panel of senior University faculty will focus on the roots and implications of the Sept. 11 attacks on the World Trade Center and the Pentagon and will discuss the various political, cultural, economic and military issues raised by the tragic events.

Arts & Sciences panelists

include Robert Canfield, Ph.D., professor of anthropology; Steven Fazzari, Ph.D., professor chair of economics; Ahmet Karamustafa, Ph.D., associate professor of history and religious studies and director of the religious studies program; and Victor Le Vine, Ph.D., professor of political science.

The moderator will be Repps Hudson, coordinator of communications and journalism at University College.

For more information, call 935-6700.

Employer Assisted Housing Program expands to UCity

By JESSICA N. ROBERTS

The Employer Assisted Housing Program established in 1997 has expanded to include University City.

Developed in partnership with Fannie Mae for University employees, the program provides second-mortgage loans to eligible employees who buy a one- to four-family home in the Forest Park Southeast or Skinker-DeBaliviere neighborhoods or University City.

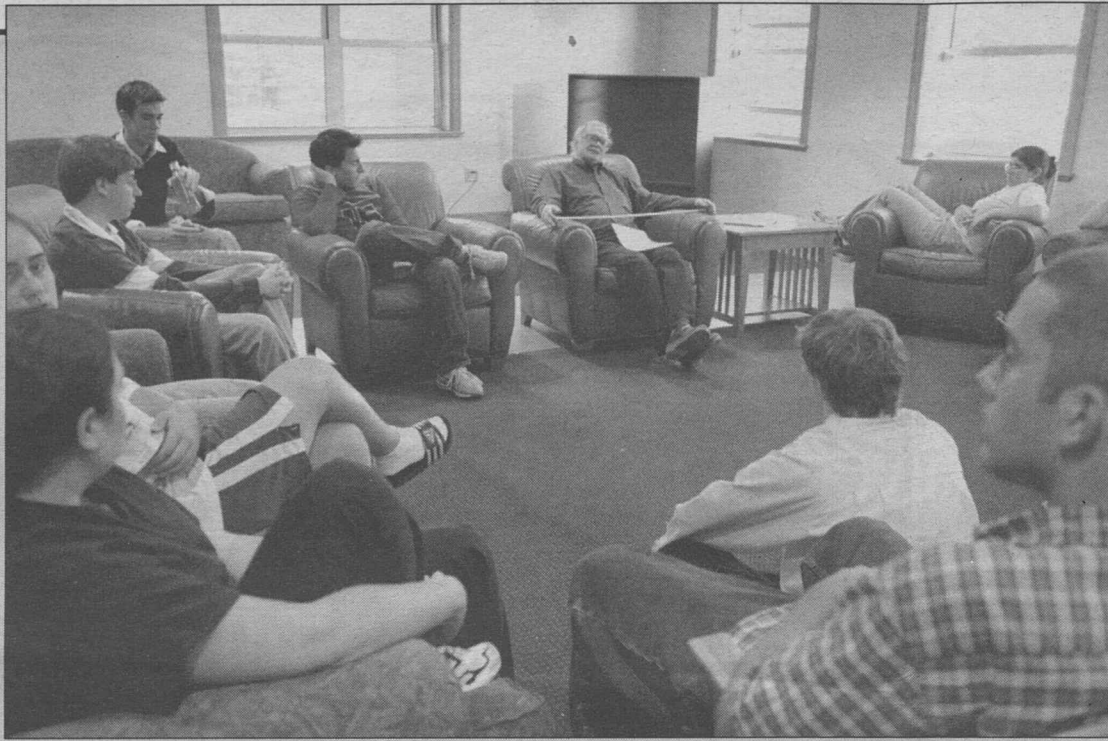
The boundaries of the expanded Employer Assisted Housing Program include Page Boulevard to the north, Partridge Avenue to the west, Olive Boulevard to the south and University City's limits to the east.

"Washington University is excited about expanding our employer-assisted housing benefit to University City in a manner that will continue to help stabilize the northeast quadrant of the city," said Richard A. Roloff, executive vice chancellor. "Use of the benefit helps make home ownership a reality for a larger number of University employees."

Fannie Mae works to ensure mortgage money is available for people in communities throughout the country. The company has entered into contractual arrangements with the following lenders, who are prepared to make mortgage loans matching the program requirements: Bank of America, Commerce Mortgage Co., Firststar Mortgage Co., Gershman Investment Co., Prism Mortgage Co. and Wells Fargo Mortgage Co.

The loans will be for the lesser of \$4,000 or 5 percent of the purchase price of the house and forgivable over five years if the employee complies with all program requirements, which include that the employee must reside in the house (with certain exceptions) and remain a University employee.

See Housing, Page 7



Fireside chat George B. Johnson, Ph.D. (center), professor of biology in Arts & Sciences, talks Sept. 25 with students at Lien House as part of the "Faculty Fireside Chats" program. "The fireside chat program is an innovative way to introduce students to the faculty and their research on an informal basis in Brookings Residential College," said Philip Freeman, Ph.D., assistant professor in the Department of Classics in Arts & Sciences and faculty fellow in the Robert S. Brookings Residential College. "This program is just one way of helping our residents to bridge the gap between academic and residential life at Washington University." Fireside chats also include dinner with the faculty member. For more information, call Freeman at 935-4018.

Knight Center

New executive facility to be dedicated today

— from Page 1

tial learning facility. Five high-tech classrooms and an executive boardroom have a total combined seating capacity of 400. The facility also contains 28 small-group study rooms; dining facilities that serve up to 225; several lounges; a fitness center; a pub; and 66 rooms providing overnight lodging for executives enrolled in degree and non-degree programs.

The Knight Center is bordered on the north by Throop Drive; on the east by Eliot Hall; on the south by the campus mall across from the business school's Simon Hall; and on the west by Anheuser-Busch Hall.

Participating in today's dedication ceremony will be Chancellor Mark S. Wrighton; Stuart I. Greenbaum, Ph.D., dean of the Olin School; August A. Busch III, chairman of the board and president of Anheuser-Busch Cos.; John F. McDonnell, chairman of the University's Board of Trustees; John F. Danahy, chairman of the Famous-Barr division of The May Department Stores Co. and an Olin alumnus; James T. Little, Ph.D., professor of finance and economics at the Olin School; and Knight.

The ceremony, which is open to the campus community, will begin at 4 p.m. outside the south side of the building. A reception in the Knight Center will immediately follow the ceremony.

"This is a great day for Washington University and the Olin School of Business, and we are proud to dedicate this wonderful executive education facility in honor of Charles F. Knight, longtime friend and supporter of the University and the business school," Wrighton said.

Greenbaum said, "We are prouder than words can properly express on this historical occasion for the Olin School. This dedication marks the beginning of a new era for Olin, Washington University and the St. Louis region."

"The Knight Center is more than just the preeminent executive education facility in the Midwest, perhaps in the United States. It is also a unique asset serving the St. Louis community."

The Olin School offers a 21-month executive master of

business administration degree program with a concentration only in general management that begins each August. Classes meet on alternating Fridays and Saturdays, and students have the summer off.

Starting in January, a 19-month E.M.B.A. program will be offered each spring with a choice of three program concentrations: general management, health services management or manufacturing and operations. Classes meet year-round every other weekend on Fridays and Saturdays. Olin's executive degree programs regularly are ranked among the best in the United States.

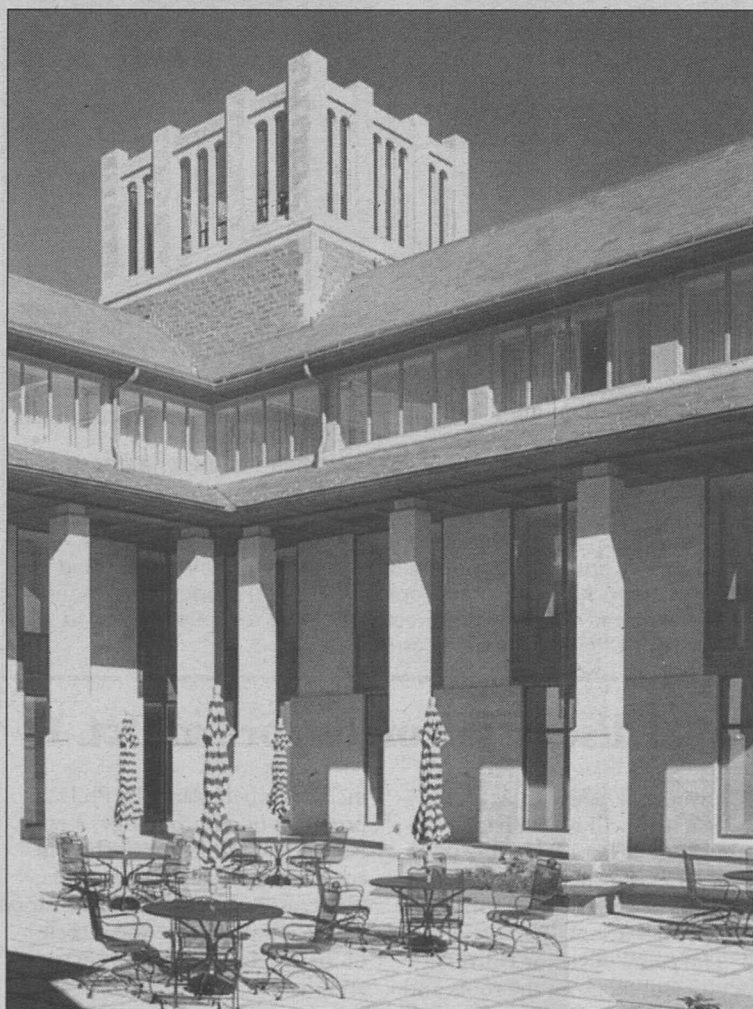
Non-degree programs at the Knight Center can be customized for companies on a range of topics, including corporate strategy, capital markets analysis, financial impact of executive decisions, manufacturing excellence, global strategy, managing information technology, strategic leadership, manufacturing strategy, new product development and strategic marketing management. Client companies include Anheuser-Busch Cos., Boeing, Edward Jones, MEMC Electronic

Materials Inc., Monsanto Co., SBC Communications, Spartech and Charter Communications.

Since 1993, Olin's custom executive education programs have served more than 1,200 managers from various companies. The business school will soon launch its first "open enrollment" executive education program at the Knight Center for physicians and health-care management called "Inside the Business of Medicine."

The architect for the Knight Center is Kallmann, McKinnell & Wood Architects of Boston. The firm was also the architect for Simon Hall, completed for the business school in 1985, as well as for McDonnell Hall, completed in 1992 for use as classrooms and offices, and Alvin Goldfarb Hall, completed in 1998 for the George Warren Brown School of Social Work.

Construction management for the project was provided by Tarlton Corp. of St. Louis and project engineering by William Tao & Associates of St. Louis.



Guest bedrooms overlook the Reid Courtyard at the new Knight Center. The courtyard will play host to many outdoor social gatherings for Olin School of Business' executive programs. The courtyard is on the third floor of the building, on the campus mall level facing east toward Eliot Hall.

Airline offers holiday travel discount

By JESSICA N. ROBERTS

American Airlines is offering a discount to University students, faculty and staff for travel from St. Louis to New York and the Washington, D.C., area.

The discount will apply to two upcoming travel periods, Nov. 16-30 and Dec. 10-Jan. 6. Travel can take place on any dates in each time period. For example, a traveler could leave on Nov. 18 and return Nov. 22.

Airports included in the discounts are Dulles International, Reagan National, Baltimore Washington, LaGuardia, Kennedy, Newark, Islip, Stewart and White Plains.

For travel from St. Louis during the Nov. 16-30 time period, American will give an 8 percent discount off the lowest applicable fares based on availability. When making the reservation, travelers

must refer to authorization number A68N1DD to take advantage of the discount.

For travel from St. Louis during the Dec. 10-Jan. 6 time period, American will give a 13 percent discount for bookings made 60 days in advance or an 8 percent discount for those reservations made closer to the travel date. The discount authorization for this time period is A43D1AN.

Reservations can be made through American at (800) 433-1790 or by contacting a travel agent. In either case, the authorization number must be provided to receive the proper discount.

The discount applies to American Airlines, American Eagle and TWA Airlines LLC and is not valid for use in conjunction with any other discounted fare, such as senior, child, government/military or Internet.

Seligman

SEC advisory committee issues 103-page report

— from Page 1

cornerstone of our market system, as it facilitates the best execution of customers' orders, promotes investor protection and mitigates the fragmentation of buying and selling interest among different market centers," Seligman said.

During the last year, the committee considered a variety of other complex issues, such as the impact of decimalization and

electronic quote generation on market transparency; alternative models for collecting and distributing market information; how market data fees should be determined and evaluated; governance structures; and plan administration and oversight.

In a letter accompanying the report, Seligman recommended the SEC conduct a more comprehensive study of issues related to the current market structure, which also is affected by new technologies.

Copies of the committee's report are available on the SEC Web site, www.sec.gov/divisions/marketreg/marketinfo/finalreport.htm.

Campus Watch

The following incidents were reported to University Police **Sept. 24-Oct. 2**. Readers with information that could assist in investigating these incidents are urged to call **935-5555**. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at police.wustl.edu.

Sept. 27

3:06 p.m. — A student reported that she left her vehicle secured in the Wohl Center garage and returned later to discover that an unknown person had broke into her vehicle and stole property. Total loss is estimated at \$200.

Sept. 28

1:58 p.m. — A student stated that between 8:30 p.m. Sept. 23 and 1 p.m. Sept. 28 an unknown person entered her locked vehicle causing damage to the passenger-side door. The vehicle was parked on the second level of the Wohl Center garage. A damage estimate was not available.

Sept. 29

5:27 p.m. — A University Police officer on patrol observed a person walking in Brookings Quadrangle. The person has been warned and arrested for trespassing in the past and was transported and booked at

St. Louis County intake, having no active wants or warrants.

Sept. 30

4:28 a.m. — A student refused to leave the Bear's Den after being asked to leave by the staff. The student finally left after a verbal argument.

Oct. 2

8:08 a.m. — Underage students used two false identification cards at the Umrathskeller happy hour Sept. 14 in an attempt to obtain liquor. The identifications were seized by B&D Security and turned over to University Police. The incident will be forwarded to the Judicial Administrator for review.

Additionally, University Police responded to 10 reports of theft, three reports of destruction of property, two reports of vandalism and one report of a suspicious person.

Record

Washington University community news

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Washington University in St. Louis

Medical School Update

Cicero chairs state seed capital investment board

By JIM DRYDEN

Theodore J. Cicero, Ph.D., vice chancellor for research and professor of neuropharmacology in psychiatry at the School of Medicine, is the new chairman of the Missouri Seed Capital Investment Board, an organization that helps fund technology start-up companies, especially those related to the life sciences. The University is a major investor in the seed capital fund.

Similar to venture capital, seed capital is used to nurture the initiation and early growth of promising and innovative new companies. Unlike venture capital, however, seed capital funds also can be used to create a company in response to a promising new technology.



Cicero: Nurtures technology start-ups

As chairman of the state board, Cicero will oversee a group of 13 individuals, including eight representatives appointed by the governor, a representative from each of the state's four innovation centers — located in Kansas City, Rolla, Columbia and St. Louis — and the director of the Missouri Department of Economic Development. The seed capital fund is managed by a company called Prolog Ventures.

"I'm honored to chair this board," Cicero said. "Washington University has made it a point to

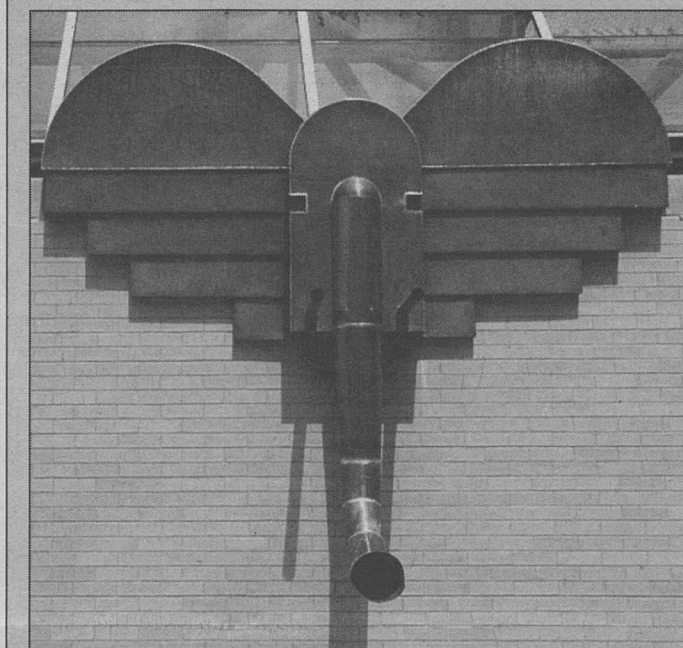
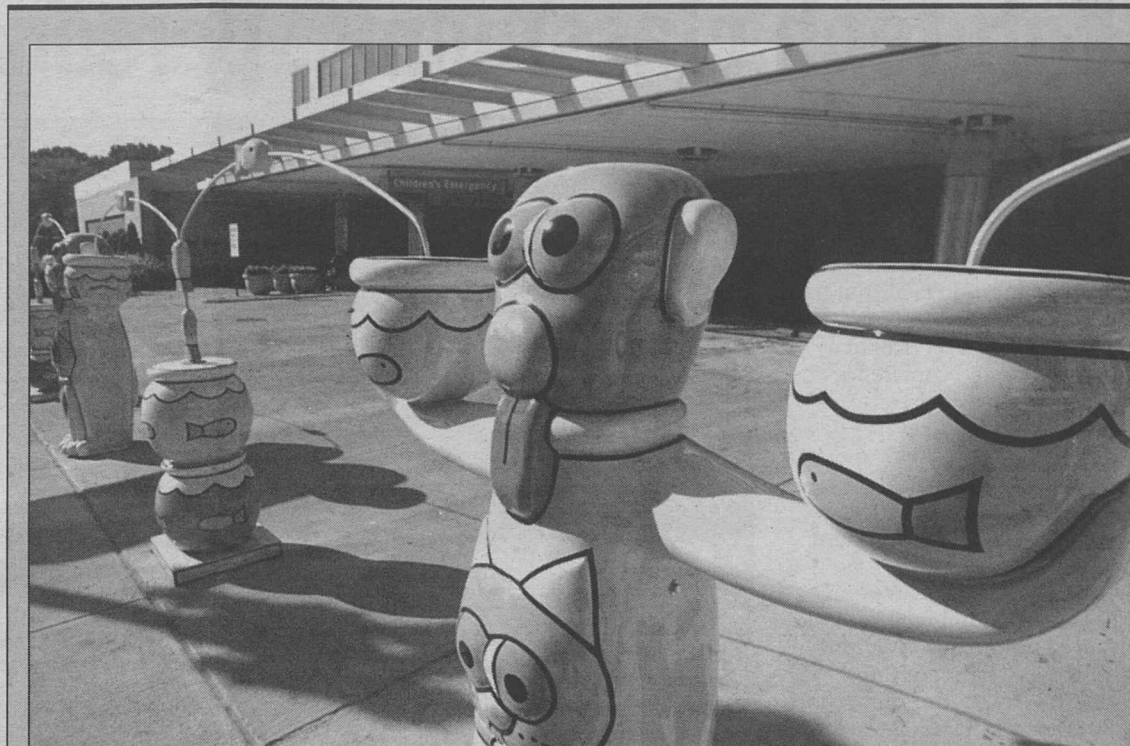
"Washington University has made it a point to invest significantly in the seed capital fund and to support local science and technology companies."

THEODORE J. CICERO

invest significantly in the seed capital fund and to support local science and technology companies. We believe that investment in science and technology start-ups not only will give our researchers a way to bring their innovations to the marketplace but that through these investments, we can provide a major boost to the state and local economy."

Other major investors include the University of Missouri System, Monsanto Co. and Stifel Financial Corp. The state's innovation centers, one of which is the Center for Emerging Technologies in St. Louis, will assist Prolog fund managers and the seed capital board in identifying new opportunities. Also involved is the Nidus Center for Scientific Enterprise in St. Louis, a life sciences incubator.

The Seed Capital Investment Board was created by the passage of the Missouri New Enterprise Creation Act in 1999. The act authorized the issuance of \$20 million in state tax credits to attract funding for early-stage, technology-based enterprises in the state of Missouri.



A friendly welcome

Brightly colored whimsical characters, above, greet visitors at the new entrance to St. Louis Children's Hospital at Washington University Medical Center. The bronze elephant, left, serves as a downspout. The newly renovated entrance, six-story parking garage and pedestrian skywalk opened recently to enhance access by patients, physicians and staff. Construction has begun on a fountain, a canopy and other features that contribute to the vibrant, friendly entrance.

Safety training courses offered

By ANNE ENRIGHT SHEPHERD

Several safety-training options now are available for School of Medicine employees.

Laboratory and clinical faculty at the medical school as well as staff and student employees are required to have annual safety training covering topics outlined by the Occupational Safety and Health Administration and the Environmental Protection Agency. Employees may attend one of the upcoming training sessions.

The clinical safety session will be offered Oct. 16 from 3-4 p.m. Laboratory safety training is scheduled for Oct. 23 from 9-10 a.m. Both sessions will be held in Cori Auditorium. The training is free to everyone. Anyone interested in receiving continuing medical education credit must pay a \$6.50 processing fee.

For the first time this year, employees may fulfill the

requirement by choosing the Web-compliance training option offered by the Environmental Health and Safety Office. To take the online course, participants will go to a Web site, review an online slide show and take a 32-question online test.

The lab test is available now at www.ehs.wustl.edu/training/training.htm, and the clinical test will be available later this fall.

All new lab employees are required to attend a morning of basic lab safety training. This introduction to medical school safety procedures and services of the Environmental Health and Safety Office will supplement the hands-on training employees receive in their own labs.

New-employee training is offered on the first Wednesday of each month from 8:30-11:30 a.m. at 4480 Clayton Ave., Room 1140A. No reservations are necessary.

All medical school staff

members who do not work in labs or clinics are required to have safety training to review emergency procedures and for routine safety awareness. The next session for office staff will be Dec. 11 from 3-4 p.m. in Cori Auditorium.

Participants may register online for any of the sessions at www.ehs.wustl.edu/training/training.htm or by calling 362-6816.

Audrey Forbes Manley to give Phillips lecture

Audrey Forbes Manley, M.D., president of Spelman College in Atlanta, will give the sixth annual Homer G. Phillips lecture Oct. 19 at the Chase Park Plaza, 212 N. Kingshighway Blvd.

The lecture series honors the historic Homer G. Phillips Hospital of St. Louis, which was a premier training ground for African-American medical professionals at a time when people of color were restricted from most medical training programs.

The evening also will honor Homer Nash, M.D., clinical professor of pediatrics at the School of Medicine and a former faculty member of the Division of Pediatrics at the Homer G. Phillips Hospital.

Cocktails at 5:30 p.m. and dinner at 6:30 p.m. will precede the program.

To register, call the Office of Diversity Programs at 362-6854.



Medical center hotel Design has begun on a new 224-room, eight-story hotel, left, at the Washington University Medical Center. The campus hotel, to be built on the north side of the Center for Advanced Medicine's parking garage on Forest Park Ave., will provide convenient access to the campus for medical center visitors, patients and their families and will be designed to meet their special health-care needs. Marriott will manage the new hotel facility, which is projected to open in July 2003.

Eye development study looks at cell death

By GILA Z. RECKESS

By studying the development of eye cells in the fruit fly, researchers at the School of Medicine are aiming to learn more about the genes that signal cells to self-destruct. Their work could lead to a better understanding of human eye diseases.

A delicate balance of cell growth and death is integral for developing and maintaining healthy tissues and organs.

Many cells have a set lifespan and are instructed by their neighbors to self-destruct at a particular time. A glitch in this process can give rise to any number of diseases, including many that cause progressive blindness.

Ross L. Cagan, Ph.D., associate professor of molecular biology

and pharmacology, received a \$1.7 million grant from the National Eye Institute to study retina development in the *Drosophila* fly.

His team already has identified 170 gene mutations that may help control the cell-death cycle. Nine of the most promising candidates have never before been implicated in programmed cell death.

Using new methods developed in his own laboratory, Cagan and his team can physically watch the cell-death process, explore the role of particular cells and begin testing the effects of different chemicals on the genes' ability to function. The scientists also hope to gain a better understanding of how cells talk to one another during development to self-assemble a normal, working eye.

Nominations sought for dean's award

William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, is seeking nominations for the 2001 Dean's Distinguished Service Award.

To be eligible for the award, a nominee must be a full-time staff employee with a minimum of three years of continuous service to the medical school.

Winners of the award demonstrate an ongoing commitment to exceeding job responsibilities by excellent performance, contribute to a positive working

and learning environment, and improve the community.

The winner, to be announced in December, will receive a prize package that includes a \$500 travel voucher, \$200 cash and other special recognition.

Nomination forms are available on the Web at wustl.edu/jobs.nsf/ or on posters throughout the medical school. Forms are due Oct. 31 to Campus Box 8002.

For additional information, call 286-0073.

High-tech classrooms, personal amenities abound

By ROBERT BATTERSON

The new Charles F. Knight Executive Education Center is in a class by itself.

The recently completed executive education facility at the Olin School of Business combines the amenities and services of a five-star hotel and conference center with state-of-the-art technology built into every classroom, meeting room and guest room.

"The elegance and amenities of the Knight Center are second to none," said Stuart I. Greenbaum, Ph.D., dean of the Olin School. "Combined with the advanced technology built into literally every aspect of this wonderful facility, the Olin School of Business and Washington University can now offer the executive student a complete, integrated learning environment wherein e-learning and distance learning complement face-to-face learning experiences in a wondrous symbiosis."

"The Knight Center takes learning to a higher level."

Executive master of business administration and non-degree executive education programs at the business school are the reasons for the new \$50 million, 135,000-square-foot facility, but the University community is welcome to use the Knight Center, too.

The residential living and learning center stands five stories tall and contains 66 guest bedrooms, 28 small-group breakout rooms, five high-tech classrooms, a dining room that serves 225, a full-service business center, a fully-equipped boardroom with a rear-screen projector, a fitness center and even a pub.



Chancellor Mark S. Wrighton addresses faculty and staff in the Knight Center's largest classroom, one of five. Each offers high-tech features, including multi-projector audio-visual and computer graphic data systems, and video conferencing and taping. Each seat is wired for laptop use and Internet access.

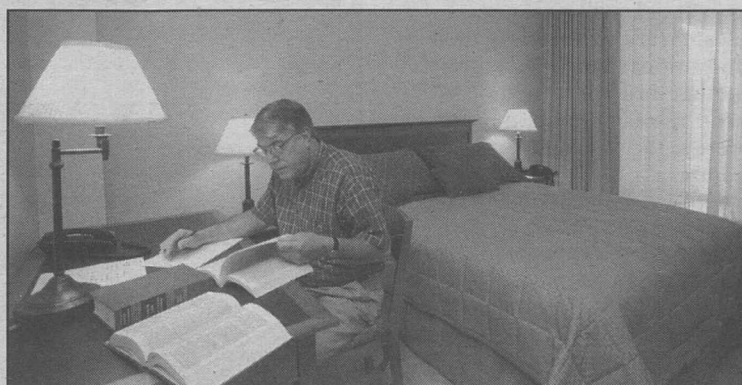
Features of the traditional but technologically sophisticated gothic structure include terrazzo floors, red-oak paneling, polished mahogany granite, alabaster lighting and ample lounges.

"Everyone who tours the facility is just blown away," said Brian T. Bannister, Olin School associate dean for finance and administration. "No detail was too small to sweat."

Bannister oversaw the development and construction of the center from beginning to end. He also was instrumental in the selection of Aramark, the company that operates the hotel, kitchen and dining services in the Knight Center.

Lisa K. Wilson is general manager of the facility for Aramark. Sue Horstman is Knight Center director for the Olin School and is responsible for booking the use of the facility.

The center's classrooms include ceiling-mounted, three-projector audio-visual systems that are computer-operated by program-



Olin School executive program students can enjoy the comforts of a five-star hotel. The 66 guest bedrooms in the Knight Center are each furnished with a queen-size bed, a full bath and an armoire with color television and cable. Rooms also are equipped with high-speed Internet connections at the desk and bedside table.

mable touch-screen monitors at a central podium. A document camera replaces the traditional overhead and allows class notes, handouts, books and even three-dimensional objects to be projected.

The classrooms are also equipped with three ceiling-mounted video cameras capable

of recording and transmitting proceedings almost anywhere around the globe. Web, video and virtually any software application can be displayed on the three large projection screens in each classroom.

Three of the classrooms offer tiered seating; the largest seats 106; the other two seat 72. Two

"There really isn't a more sophisticated and elegant executive education facility in the country. Our goal is to offer the finest executive education experience available today."

STUART I. GREENBAUM

flat-floor classrooms are re-configurable and accommodate up to 75 students. The total combined seating capacity for all five of the Knight Center's classrooms and executive boardroom totals 400, and each seat is wired for laptop use.

Each of the classrooms also includes multiple drop-down microphones that are networked through the center's high-tech audio-visual "mission control" center. The state-of-the-art studio contains a console of audio-visual control modules, equipped with large video screens to monitor and control each classroom simultaneously.

"We are going to have three video-conferencing units and will be able to dial out to any other location that has similar capabilities," said Russell Just, audio-visual director for the Knight Center.

Greenbaum said, "There really isn't a more sophisticated and elegant executive education facility in the country. Our goal is to offer the finest executive education experience available today."

"Come see the Knight Center for yourself. You'll be convinced."

Key appointments made in executive education

By ROBERT BATTERSON

Dean Stuart I. Greenbaum, Ph.D., has announced several key appointments in executive education in the Olin School of Business.

"A new day has dawned for executive education at the Olin School of Business and Washington University," Greenbaum said in announcing the appointments.

George M. Cesaretti, appointed assistant dean and director of executive education programs at the Olin School, is responsible for the leadership and management of the school's non-degree executive education programs. Pamela K. Wiese, appointed assistant dean and director of executive master of business administration programs, is responsible for the leadership and management of the school's executive degree programs. And Anthony Faustino was named director of corporate outreach, representing the Olin School's executive education programs and acting as a liaison to the corporate community nationwide.

Cesaretti joined the Olin School in 1999 as director of executive education programs and has been instrumental in the expansion of non-degree executive education there. A recent program developed by Cesaretti was conducted at the new Charles F. Knight Executive Education Center for comptrollers from around the globe, in partnership with the universities of Maastricht and Amsterdam, Netherlands.

"Inside the Business of Medicine," an executive education

"The leadership of executive education at the new Charles F. Knight Executive Education Center is in skilled hands."

STUART I. GREENBAUM

program designed specifically for practicing physicians, is currently in development under Cesaretti's leadership. The program for physicians will kick off in the spring with two four-day open-enrollment courses titled "Business Strategies for Medical Practice" and "Financial Management for Medical Practice."

Cesaretti has 24 years' experience as an organization strategist and management consultant. Before coming to Olin, he was vice president of market development at Maritz Inc., where he served as director of market planning and executive consultant in change management. He also has served as director of business development at McDonnell Douglas Corp. For 10 years, Cesaretti was a commissioned officer in the U.S. Army, serving in various command and staff positions worldwide.

Cesaretti earned an E.M.B.A. from the Olin School in 1992, a master of arts degree in English from the University of New Mexico and a bachelor of arts degree in English from The Citadel.

Wiese has been with the Olin School since 1997, serving as special assistant to the dean,



Assistant deans for Olin School of Business executive programs Pamela K. Wiese and George M. Cesaretti work closely together to develop and launch degree and non-degree programs in the new Knight Center. Wiese and Cesaretti recently were appointed to the new positions by Olin Dean Stuart I. Greenbaum, Ph.D.

director of M.B.A. admissions and financial aid and director of special projects. She worked in the University's Office of Undergraduate Admissions as assistant director (1991-94) and then as associate director until joining the business school.

In her positions at Olin, Wiese worked closely with the dean and senior managers of the school to plan, organize and implement strategic initiatives for the business school, including the Center for Economics and Management of Life Sciences, the Olin Digital

Commerce Center, the Center for Experiential Learning and the development and construction of the Knight Center.

A lightning-fast study, Wiese participated in the accelerated B.S.B.A./M.B.A. program at the Olin School, earning an undergraduate degree magna cum laude in 1990 and a master's degree in marketing in 1991. She received the J.W. Towle Award in Human Resources, along with numerous scholarships and writing awards.

Faustino joins the Olin School from Cap Gemini Ernst & Young, where, since 1997, he served as management consultant to major health-care firms including Cigna HealthCare, Blue Cross Blue Shield of Kansas City, Eli Lilly & Co. and Medical Mutual of Ohio. From 1988-1995, Faustino worked in sales and marketing at The Upjohn Company. At Cigna, he served as chair of the company's continuing education committee to deliver two national on-site training programs.

Faustino earned a master of business administration degree from the Olin School in 1997 and a bachelor of arts degree from the University in 1988.

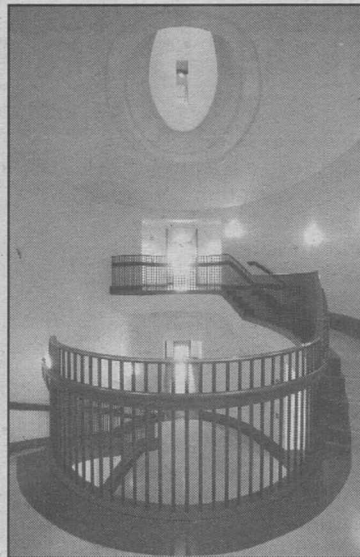
"The leadership of executive education at the new Charles F. Knight Executive Education Center is in skilled hands," Greenbaum said. "George and Pam complement each other splendidly. With the two of them working closely together to launch and develop degree and non-degree programs, and Tony Faustino acting as our primary contact with the corporate community, we look forward to major advances in executive education at the Knight Center."

Executive Education Center

THE CHARLES F.
KNIGHT
EXECUTIVE EDUCATION
CENTER



Knight Center Director Sue Horstman (left) and General Manager Lisa K. Wilson discuss an upcoming event at the front desk in the main lobby. Horstman is responsible for all bookings in the facility. Wilson supervises the center's hotel, kitchen and dining.



A skylight illuminates an elegant spiral stair connecting the third and fourth floors.



Clockwise, from left: Executive chef Martin Schweitzer makes sure everything is shipshape in the Knight Center's full-size commercial kitchen, while center patrons enjoy first-rate dining in the Anheuser-Busch Dining Room. Meanwhile, in the center's sophisticated audio-visual command center, Russell Just (right), audio-visual director, and technician Dan Sterkin monitor and control the audio and video in each classroom simultaneously. Above, a dramatic, grand stairway ascends from the Knight Center's first-floor lobby through a three-story atrium.

Knight Center photos by David Kilper

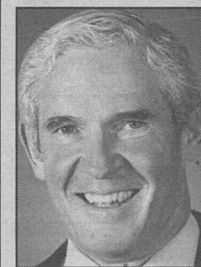
Knight key University supporter

The namesake of the Charles F. Knight Executive Education Center honors a longtime friend and supporter of the University and the Olin School of Business.

"The Olin School has made tremendous progress and gained stature among the nation's business schools," said Knight, chairman and chief executive officer of Emerson for 27 years. "The executive education center is the cornerstone of the school's continued growth. It provides great momentum to the process of educating and developing outstanding executives."

Knight joined Emerson in 1972 as vice chairman. In 1973, at age 37, he was elected chief executive officer, making him at that time the youngest CEO of any billion-dollar U.S. corporation. He became chairman of the company in 1974.

Knight retired as Emerson's chief executive officer in October 2000 but continues as chairman. Under his tenure, the company's sales increased



Knight: Exemplary University service

from \$1.1 billion to \$15.5 billion. Net earnings at the company increased more than tenfold, from \$75 million to more than \$1.4 billion.

In addition to serving as a director of Emerson, Knight serves on the boards of Anheuser-Busch Cos., BP p.l.c., International Business Machines Corp., Morgan Stanley and SBC Communications Inc.

Knight was instrumental in strengthening the Olin School's endowment during a campaign in the 1980s, and in 1993 he received the Dean's Medal from the school. From 1977-1990, Knight served as a University trustee, and in 1996 he was awarded an honorary doctor of science degree in recognition of his service to the University and the community.

Knight also was instrumental in the formation of the Olin National Council and serves as chairman.

In 1997, Knight and Emerson provided a combined \$15 million challenge grant to the Olin School to strengthen its executive education programs. The grant is part of the Campaign for Washington University, a major fund-raising effort undertaken to more fully realize the University's extraordinary potential for the betterment of society and ensure its prominence in the 21st century.

The campaign, to end June 30, 2004, has already secured gifts and commitments of more than \$1 billion, its original goal. A revised goal of \$1.3 billion, closer to the \$1.5 billion in high priorities identified in the University's pre-campaign comprehensive planning initiative, was established by the Board of Trustees in May.

University Events

Shank family honored in Des Lee Gallery show

By LIAM OTTEN

Dynasties, like prodigies, are rare in the visual arts. Which makes the Shank family — six artists spread across two generations, all trained at the University — all the more startling.

The School of Art will honor this singular clan with "Relative Perspectives: A Retrospective of the Architecture, Illustration, Jewelry Design and Painting From 1925-2001 of One St. Louis Family." The show opens with a reception from 6-8 p.m. today at the Des Lee Gallery, 1627 Washington Ave., and remains on view through Oct. 28.

Isadore Shank (1902-1992) was one of St. Louis' foremost modernist architects. Projects include the 12-story Ambassador Apartments at 5340 Delmar Blvd. (1950); the DeBaliviere Building

at Delmar Boulevard and DeBaliviere Avenue (1928); the Teamsters union's recreational complex in Pevely, Mo. (1963); and numerous private residences, including the family's own Ladue home.

Ilse Shank (1907-1998), Isadore's wife, was one of the country's premier illustrators. In the 1930s and '40s, her covers and story illustrations regularly appeared in Collier's, McCall's, Ladies' Home Journal and other national magazines, as well as in advertisements for Carson Pirie Scott and Wanamaker's department stores.

Adelheid Giessow (1909-1998), Ilse's sister, was a renowned jewelry designer. In a career that spanned six decades, she created some 8,000 works for the St. Louis firm Heffern-Neuhoff (now Elleard B. Heffern, Clayton) and earned numerous

Arts Show

Who: Shank family

What: "Relative Perspectives: A Retrospective of the Architecture, Illustration, Jewelry Design and Painting From 1925-2001 of One St. Louis Family"

Where: Des Lee Gallery, 1627 Washington Ave.

When: Reception, 6-8 p.m. today; show remains on view through Oct. 28

For more information, call 621-8735.

honors, notably the De Beers Diamond USA Award in 1956 and the De Beers Diamonds International Award in 1959. (A selection of Adelheid's jewelry is also on display at Heffern's showroom,

101 S. Hanley Road, Suite 110.)

Today, Isadore and Ilse's three sons — **Peter, Paul and Stephen** — are all successful painters.

Peter's work — stridently colorful, surreal figures in subconscious environments — has been commissioned for posters and brochures by Opera Theatre of Saint Louis and The Center of Contemporary Art, and displayed at the Saint Louis Art Museum, Elliot Smith Contemporary Art and the Galerie Arch in Amsterdam, Netherlands, among others. He has even become something of a landscape architect, creating a garden for Opera Theatre's home in Webster Groves.

Paul's work, over the years, has evolved from large figurative paintings based on watercolor collages to highly formalized still lives to his current abstracted landscapes, which grew out of

travels to France, Italy and especially Algeria. He has displayed locally at Stein Gallery and Elliot Smith, and in San Francisco at the Dana Reich Gallery and the University of California, among others.

Equally grounded in visual and theoretical issues, **Stephen's** elegant, geometric abstractions juxtapose elements of still life, landscape, building and cityscape while confronting the inherent paradox of creating three-dimensional illusion on a two-dimensional surface. His work has been exhibited at the Soho Center for Visual Artists, New York; the Aldrich Museum of Contemporary Art, Ridgefield, Conn.; and the Emden Gallery, St. Louis.

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

The Idiot • The Wall Between Church and State • Make a Difference Day

"University Events" lists a portion of the activities taking place at Washington University Oct. 5-17. Visit the Web for expanded calendars for the School of Medicine (medschool.wustl.edu/events/) and the Hilltop Campus (cf6000.wustl.edu/calendar/events/).

Exhibitions

"Al Parker: Innovator in American Illustration." Through Oct. 5. WU Special Collections, fifth floor, Olin Library. 935-5495.

"Relative Perspectives: A Retrospective of the Architecture, Illustration, Jewelry Design and Painting from 1925-2001 of One St. Louis Family." The Shank family. Oct. 5 through Oct. 28 (reception 6-8 p.m., Oct. 5). Des Lee Gallery, 1627 Washington Blvd. 621-8735.

Film

Monday, Oct. 8

6 p.m. Chinese Film Series. "Yi Yi (A One and a Two)." Room 219 Ridgley Hall. 935-5156.

Wednesday, Oct. 10

7 p.m. Japanese Film Series. "Ikiru." Room 219 Ridgley Hall. 935-5156.

Thursday, Oct. 11

6 p.m. Near Eastern Film Series. "The Children of Heaven." Room 219 Ridgley Hall. 935-5156.

Monday, Oct. 15

6 p.m. Japanese Film Series. "The Idiot." Room 219 Ridgley Hall. 935-5156.

Lectures

Friday, Oct. 5

9 a.m. Public Interest Law Speakers Series. "A Conversation With the Real Erin Brockovich." Erin Brockovich, dir. of environmental research, Masry and Vittoe law firm. Anheuser-Busch Hall. 935-4958.

9:15 Pediatric Grand Rounds. Philip R. Dodge Lecture. "Leigh Syndrome: A Tale of Two Genomes." Salvatore DiMauro, Lucy G. Moses Prof. of Neurology, Columbia U. College of Physicians and Surgeons, N.Y. Steinberg Amphitheater, Barnes-Jewish Hosp. 454-6006.

Noon. Cell biology and physiology seminar. "How the Actin Cytoskeleton Polarizes Growth and Segregates Organelles During the Cell Cycle Budding Yeast." Anthony Bretscher, molecular biology and genetics dept., Cornell U. Room 426 McDonnell Medical Sciences Bldg. 362-3964.

6 and 8:30 p.m. Travel Lecture Series. "The People of Poland." Charles Hartman. Sponsored by WU Assoc. Cost: \$5. (Subscriptions: \$26 per person; \$43 for a

double enrollment.) Graham Chapel. 935-5212.

Saturday, Oct. 6

10 a.m. Science Saturdays Lecture Series. "The Quark-gluon Plasma: Closing in on the Big Bang." Michael C. Ogilvie, prof. of physics. Room 201 Crow Hall. 935-6759.

Sunday, Oct. 7

1 p.m. Law school constitutional conference. Jerome W. Sidel Memorial Lecture. "Faith-based Initiatives: Eroding the Wall Between Church and State?" David N. Saperstein, dir. and counsel, Religious Action Center of Reform Judaism. Bryan Cave Moot Courtroom, Anheuser-Busch Hall. 993-5505.

Monday, Oct. 8

10 a.m. Center for Mental Health Services Research seminar. "Improving Services for Substance Abusers With Depression." Wilson M. Compton III, assoc. prof. of psychiatry. Room 38 Goldfarb Hall. 935-5687.

Noon-1 p.m. Work, Families and Public Policy Brown Bag Seminar Series. "Employing Low-skilled Men: Resolving the Debate on Marriage and Marriageability in Legislation on Fathers and Families." Ronald B. Mincy, Columbia U. Room 300 Eliot Hall. 935-4918.

4 p.m. Immunology Research Seminar Series. "Airway Immunology and the Art of Mucosal Maintenance." Michael J. Holtzman, the Selma and Herman Seldin Prof. of Medicine, pulmonary and critical care div.; and prof. of cell biology and physiology. Eric P. Newman Education Center. 362-2763.

5:30 p.m. Mallinckrodt Inst. of Radiology Lecture. Annual Wendell G. Scott Memorial Lecture. "Radiology in the Post-genome Era: New Frontiers in Molecular Imaging." David R. Pilnick-Worms, prof. of radiology and of molecular biology and pharmacology. Scappellato Aud., first floor, 510 S. Kingshighway Blvd. 362-2866.

Tuesday, Oct. 9

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Searching for a Functional Proteasome in Trypanosomes." C. C. Wang, prof. of pharmaceutical chemistry, U. of Calif., San Francisco. Cori Aud., 4565 McKinley Ave. 362-7180.

4 p.m. Anesthesiology research seminar. "Genetics and Circuitry of Pain in the Fruitfly, Drosophila." Dan Tracey, postdoctoral scholar, Calif. Inst. of Technology. Room 5550 Clinical Sciences Research Bldg. 362-8560.

7 p.m. Architecture lecture. Dan Hoffmann, prof. of architecture, Ariz. State U., Tempe. Steinberg Hall Aud. 935-6293.

Wednesday, Oct. 10

8 a.m. Obstetrics and Gynecology Grand Rounds. "Ovulation Induction Agents: Use and Risks." Yvonne Wolny, chief resident, obstetrics and gynecology dept. Schwarz Aud., first floor, Maternity Bldg. 362-1016.

11 a.m. Assembly Series. Olin Conference Lecture. Wendy Chan, prof. of criminology, Simon Fraser U., Burnaby, British Columbia and author. Graham Chapel. 935-5285.

11 a.m. Public Interest Law Speakers Series. "Social Change, Judicial Activism

and the Public Interest Lawyer." Thelton Henderson, judge, U.S. District Court, Northern Calif. Anheuser-Busch Hall. 935-4958.

Noon. Orthopaedic research seminar. "FGF and FGF Receptor Signaling in Skeletal Development." David M. Ornitz, prof. of molecular biology and pharmacology. J. Albert Key Library, Room 11300 West Pavilion, Barnes-Jewish Hosp. 454-7800.

Thursday, Oct. 11

11 a.m. Pulmonary and Critical Care Medicine Grand Rounds. "Airway Remodeling in Asthma: Fact or Fiction?" Reynold Panettieri, assoc. prof. of medicine, U. of Pa. East Pavilion Aud., Barnes-Jewish Hosp. Bldg. 362-6904.

Noon-1 p.m. Genetics seminar. "Rings 'n Things: Spatial Regulation of Bacterial Cytokinesis." Petra Levin, biology dept. Room 823 McDonnell Medical Sciences Bldg. 362-2062.

4 p.m. Basic Science Seminar Series. "More Is Less: New Insights Into Mechanisms of Regulation of T Cell Responses by Negative Costimulation and Its Application to Tumor Immunotherapy." James P. Allison, Howard Hughes Medical Center, U. of Calif., Berkeley. Eric P. Newman Education Center. 747-7222.

Friday, Oct. 12

9:15 a.m. Pediatric Grand Rounds. The Inaugural J. Neal and Lois Middelkamp Lecture. "Elimination of Vaccine-preventable Diseases, Asset or Liability?" Samuel L. Katz, Wilburt Cornell Davison Prof. and Chair Emeritus of Pediatrics, Duke U. School of Medicine. Steinberg Amphitheater, Barnes-Jewish Hosp. 454-6006.

4 p.m. Anatomy and neurobiology seminar. "Kinetics of Vesicle Exocytosis and Endocytosis at a Central Synapse: A Study With Capacitance Measurements." Ling-Gang Wu, asst. prof. of anesthesiology and of anatomy and neurobiology. Room 928 McDonnell Medical Sciences Bldg. 362-7043.

Saturday, Oct. 13

10 a.m. Science Saturdays Lecture Series. "Quantum Physics Confronts Einstein's Gravity." Matt Visser, research assoc. prof. of physics. Room 201 Crow Hall. 935-6759.

Monday, Oct. 15

Noon. Neurology and neurological surgery research seminars. "Neural Mechanisms of Language Recovery: Brain Imaging Studies." Maurizio Corbetta, assoc. prof. of anatomy and neurobiology, of neurology and neurological surgery, and of radiology. Schwarz Aud., first floor, Maternity Bldg. 362-7316.

4 p.m. Immunology Research Seminar Series. "Nods: A Family of Apaf-1-like Molecules Regulating the Host Response to Pathogens." Gabriel Nunez, pathology dept., U. of Mich. Medical School, Ann Arbor. Eric P. Newman Education Center. 362-2763.

6:15 p.m. Germanic Languages and Literatures lecture. "Das Eine, das Andere, und das Dazwischen — Österreichische Literatur 2000." Klaus Zeyringer, prof. of German and Austrian Literature, Université Catholique, Angers, France. Co-sponsored by Max Kade Center for Contemporary German Literature.

Hurst Lounge, Room 201 Duncker Hall. 935-4360.

Tuesday, Oct. 16

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Strategies of Vaccination Against Leishmaniasis: Protein, DNA and Vector Saliva." David Sacks, senior investigator, Lab. of Parasitic Diseases, National Institutes of Health. Cori Aud., 4565 McKinley Ave. 362-7258.

12:05-12:55 p.m. Physical therapy research seminar. "Physical Stress Theory: Implications for Research." Michael J. Mueller, assoc. prof. of program in physical therapy; and Katrina Maluf, doctoral candidate, program in physical therapy. Rooms B108 and B109, 4444 Forest Park Blvd. 286-1404.

7 p.m. Architecture lecture. Kengo Kuma, architect, Kengo Kuma and Assoc., Tokyo. Steinberg Hall Aud. 935-6293.

Wednesday, Oct. 17

8 a.m. Obstetrics and Gynecology Grand Rounds. "Why Be an Icono Clast: Show Me the Data." William T. Creasman, prof. of obstetrics and gynecology, Medical U. of S.C., Charleston. Schwarz Aud., first floor, Maternity Bldg. 362-1016.

11 a.m. Assembly Series. The Compton Memorial Lecture. Ralph J. Cicerone, the Daniel G. Aldrich, Jr. Prof. of Chemistry; chair, geoscience dept.; and chancellor, U. of Calif. Irvine. Graham Chapel. 935-5285.

7 p.m. Architecture lecture. Daniel Libeskind, architect of Jewish Museum, Berlin. Steinberg Hall Aud. (reception 6:30 p.m., Givens Hall). 935-6293.

Music

Friday, Oct. 5

8 p.m. Acoustic City Concert Series. Ellis Paul and Susan Werner, CD release party. Cost: \$15 (free for WU students, faculty and staff). Steinberg Hall Aud. 935-7576.

Saturday, Oct. 6

8 p.m. Memorial concert. In memory of Richard Brunell, prof. of graphic design, School of Art. David Brunell, pianist. Co-sponsored by School of Art and music dept. Graham Chapel. 935-6500.

Wednesday, Oct. 10

8 p.m. WU Jazz Band concert. Chris Becker, dir. Holmes Lounge, Ridgley Hall. 935-4841.

On Stage

Friday, Oct. 5

8 p.m. OVATIONS! Series. "Charlie Victor Romeo." Cost: \$25. (Also Oct. 6, same time.) Edison Theatre. 935-6543.

Saturday, Oct. 6

11 a.m. "ovations! for young people" concert. Scrap Arts Music, percussion

ensemble. Cost: \$7. Edison Theatre. 935-6543.

Sports

Friday, Oct. 5

5 p.m. Men's soccer vs. NYU. Francis Field. 935-5220.

7:30 p.m. Women's soccer vs. NYU. Francis Field. 935-5220.

Sunday, Oct. 7

11 a.m. Men's soccer vs. Emory U. Francis Field. 935-5220.

1:30 p.m. Women's soccer vs. Emory U. Francis Field. 935-5220.

Wednesday, Oct. 10

4 p.m. Women's tennis vs. U. of Mo., St. Louis. Tao Tennis Center. 935-5220.

7 p.m. Men's soccer vs. Webster U. Francis Field. 935-5220.

Tuesday, Oct. 16

7 p.m. Volleyball vs. Southern Ill. U., Edwardsville. Field House. 935-5220.

And more...

Saturday, Oct. 6

7 a.m. Continuing Medical Education seminar. "New Techniques in Urinary Incontinence and Female Urology." Cost: \$250, lectures only; \$450, lectures and labs (includes breakfast and lunch). Eric P. Newman Education Center. To register, call 362-6891.

Monday, Oct. 8

7:30 a.m. STD/HIV course lecture and clinical practicum. Sponsored by St. Louis STD/HIV Prevention Training Center. (Also Oct. 9) Cost: \$65. Room 601A Becker Library. Registration required, 747-0294.

Tuesday, Oct. 9

8 p.m. WU Creative Writing Program lecture. Claudia Rankine, poet, will read from her work. Hurst Lounge, Room 201 Duncker Hall. 935-7130.

Thursday, Oct. 11

Noon-1 p.m. Statistics workshop. "Focus on Logistical Regression." Nancy Morrow-Howell. Sponsored by Comorbidity and Addictions Center. Room 37 Goldfarb Hall. 935-6128.

Sunday, Oct. 14

2 p.m. Community Garden Beautification. "Make a Difference Day" Volunteer activity co-sponsored by WU off campus housing, Parkview Gardens; All Saints Parish Youth; U-City in Bloom; and U-City East Youth. Parking lot, All Saints Church, 6403 Clemens Ave. (bring digging tool if you have one). 935-7942.

Criminologist Chan to give Olin Conference Lecture

By Kurt Mueller

Wendy Chan, author and criminology professor at Simon Fraser University in Burnaby, British Columbia, will deliver the Olin Conference Lecture at 11 a.m. Oct. 10 in Graham Chapel as part of the Assembly Series.

In her book "Women, Murder and Justice," Chan examines from a feminist perspective the legal treatment in England of women who kill their partners. In the book, Chan highlights gender differences in the act of murder, the criminal justice system's negotiation of these differences and the development of feminist

strategies to alter the legal structure for women who kill.

Chan's research interests include feminist criminology and legal studies, domestic homicides, race, immigration and crime control in British Columbia.

Chan also co-edited a book on racism and crime, titled "Crimes of Colour: Racialization of the Criminal Justice System in Canada." She is a co-investigator in



Assembly Series

Who: Author & criminologist Wendy Chan

What: Olin Conference Lecture

Where: Graham Chapel

When: 11 a.m. Oct. 10

a project called "Health and Home," which examines the impact of safe housing on the health of women in Vancouver.

All Assembly Series lectures are free and open to the public. For more information, call 935-5285 or visit the Assembly Series Web site, wupa.wustl.edu/assembly.

Obituary

Arnold Heidenheimer, 71, professor of political science

Arnold J. Heidenheimer, Ph.D., professor of political science in Arts & Sciences since 1967, died Wednesday, Sept. 26, 2001. He was 71 and lived in Clayton.

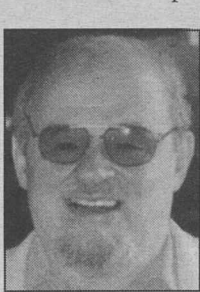
A specialist in European politics, comparative public policy and political corruption, Heidenheimer continued to teach courses at the University until several weeks ago, when he was hospitalized for complications from a heart ailment.

Heidenheimer was an early leader in the field of comparative public policy and the field grew as a direct result of his work, said John Kautsky, Ph.D., emeritus professor of political science.

"He was a real pioneer in comparative public policy, in fields like education and medical care," said Kautsky, a colleague of Heidenheimer's for more than three decades. "He studied how they've been handled in different societies. He spent a good deal of time in Europe."

Heidenheimer also was respected for his work on the

analysis of political corruption, a discipline he helped found, said Victor Le Vine, Ph.D., professor of political science. Le Vine noted that the second edition of Heidenheimer's edited collection, "Political Corruption," had just



Heidenheimer

Born in Wurzburg, Germany, Heidenheimer came to Flushing, N.Y., as a child. He earned a bachelor's degree in 1950 from Cornell University and a master's degree in 1952 from American University. He served two years in the Army during the Korean War before earning a doctorate from the London School of Economics

and Political Science in 1957. Before joining Washington University, he taught for three years at Wayne State University and seven years at the University of Florida. During his career, he frequently served as a visiting professor at leading European academic institutions, including the universities of Berlin, Bergen, Stockholm, London and Bielefeld.

and Political Science in 1957.

Heidenheimer often traveled abroad to conduct research and attend conferences. In the 1960s, he was a consultant on President John F. Kennedy's Commission on Campaign Finance. In 1976, he co-authored a book on "Comparative Public Policy," which earned the Gladys Kammerer Award and just recently was reissued.

A memorial service will be held in St. Louis at a later date, most likely in late November or early December. For more information, contact the political science department at 935-5822.

least 5 percent of the purchase price from their own funds. The loan from the University can be used to pay closing costs, to increase the down payment or to pay other costs related to the home purchase.

For more information on the Employer Assisted Housing Program, employees can call Brian Phillips of the Washington University Medical Center Redevelopment Corp. at 652-0895.

employees. Under this program, home buyers make a minimum down payment of at least 3 percent of the purchase price of the house. The loan from the University can provide 2 percent of the minimum down payment, and the balance can be used to pay part of the closing costs.

The second program, Magnet 5, provides for the home buyers to make a minimum down payment of at

Housing

Program expanded to include UCity

— from Page 1

Fannie Mae has two programs available under the Employer Assisted Housing Program. The Magnet 3/2 program is designed to assist low- and moderate-income

Employment

Use the World Wide Web to obtain complete job descriptions. Go to <https://hr.wustl.edu/> (Hilltop) or <http://medicine.wustl.edu/wumshr> (Medical).

Hilltop Campus

Information regarding positions may be obtained in the Office of Human Resources, Room 130, West Campus. If you are not a WU staff member, call 935-9836. Staff members call 935-5906.

Research Technician 000256

Research Assistant 010023

Administrative Secretary 010032

Senior Medical Sciences Writer 010108

Senior Prospect Researcher 010236

Reference/Subject Librarian (Psychology) 010241

Reference/Subject Librarian (German) 010242

Catalog Librarian 010290

Regional Director of Development 010314

Custodian and Maintenance Assistant (part time) 010349

Associate Director, BSBA Advising and Student Services 010375

Reference/Subject Librarian 010387

Assistant Director Corporate/Foundation Prospect Management Systems 010398

Department Secretary 010404

Serials Librarian 010415

Director of External Programs 020001

Regional Director of Development 020005

Government Grants Specialist II 020020

Grants Coordinator 020033

Career Center Project Leader 020039

Departmental Secretary 020045

Department Secretary (part time) 020048

Service Representative 020051

Lab Technician 020052

Media/Editorial Advisor (part time) 020053

Research Technician 020054

Administrative Assistant 020059

Director of Development 020061

Director of Annual Giving Programs 020064

Senior Site Operator 020065

Director of Parent Programs 020066

Director, International Alumni & Development Programs 020067

Library Technical Assistant 020068

Student Records Administrator 020070

Working Supervisor (Bargaining Unit Employee) 020072

Lab Technician 020073

Coordinator, Professional and Graduate Program Preparation 020076

Word Processing Operator 020080

Purchasing Coordinator 020081

Graduate and Joint Degree Program Assistant (part time) 020084

Accounts Payable Coordinator 020085

Planned Giving Officer 020086

General Laboratory Assistant (part time) 020088

Application Processor (part time) 020089

Research Compliance Specialist 020090

Project Associate 020092

Senior Shelving Assistant 020093

Music Library Assistant (Technical Services) 020094

Senior Prospect Researcher 020095

Instructional Technology Specialist 020096

Administrative Assistant/Receptionist 020098

Federal Loan Coordinator 020100

Coordinator for Undergraduate Administrative and Technical Activities 020101

Mechanic (Bargaining Unit Employee) 020102

Research Assistant (part time) 020103

Research Assistant 020104

Manager, Sponsored Projects Accounting 020105

Administrative Assistant 020106

Plant Care Assistant (part time) 020107

Lab Technician 020108

Research Assistant 020109

Deputized Police Officer 020111

Deputized Police Officer 020112

Administrative Manager 020113

Office Assistant (part time) 020114

Plant Relief Engineer Maintenance Mechanic 020116

Director of External Affairs 020117

Copy Editor and Proofreader (part time) 020119

Department Secretary 020120

Medical Campus

This is a partial list of positions at the School of Medicine. Employees: Contact the medical school's Office of Human Resources at 362-7196. External candidates: Submit resumes to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, MO 63110, or call 362-7196.

Grant Assistant 020008

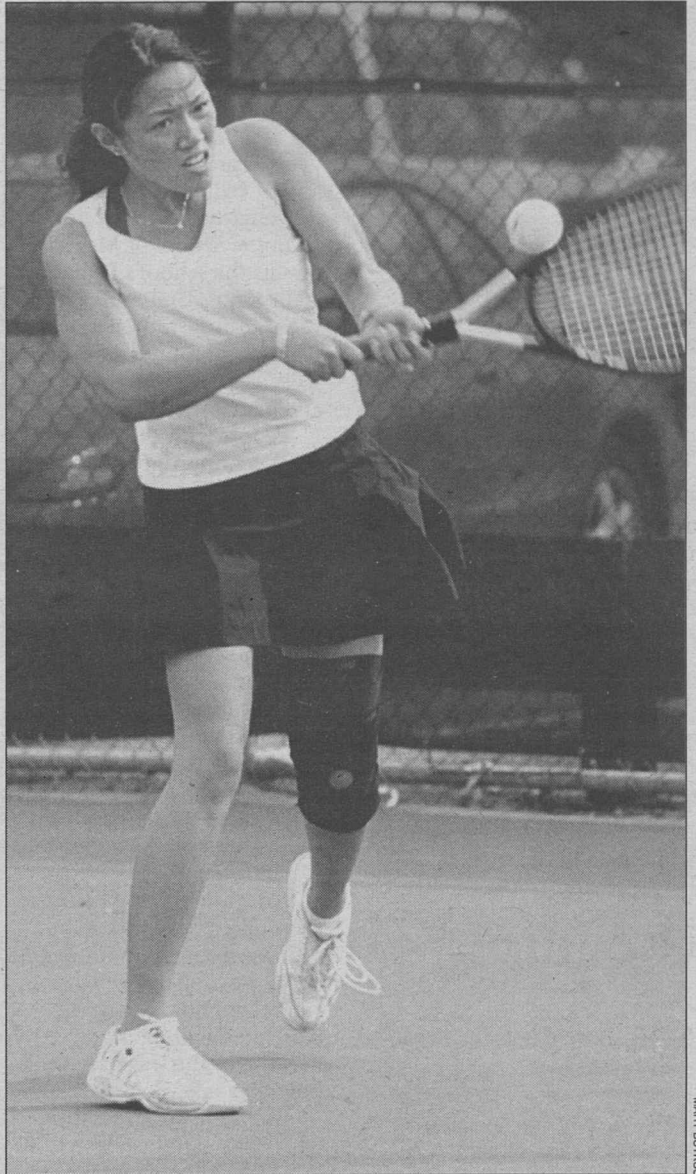
Graduate School Coordinator 020481

Professional Rater II 020505

Medical Assistant II 020516

Medical Secretary II (part time) 020551

Sports



MARY BURNS

Senior Kat Copiozo (above) teamed with sophomore Rathi Mani to win the Intercollegiate Tennis Association/Midwest Regional Championships doubles title Sept. 29-Oct. 1 at Wittenberg University in Springfield, Ohio.

Women's pairing takes regional

Senior Kat Copiozo and sophomore Rathi Mani rolled to the Intercollegiate Tennis Association (ITA)/Midwest Regional Championships doubles title Sept. 29-Oct. 1 at Wittenberg University in Springfield, Ohio. Copiozo and Mani, the fourth-seeded pairing, defeated Allison Lesnett and Meredith Sulser of Denison University, 8-1, in the final. Mani and Copiozo advance along with the other seven Division III regional winners from around the country to the ITA Small College Championships Oct. 18-21 in Dallas.

Men's soccer beats Case in home opener

The men's soccer team remained atop the University Athletic Association (UAA) standings with a 4-1 home opener win over Case Western Reserve University Sept. 29 at Francis Field. The Bears dominated play throughout the game, rattling off 15 shots while holding the Spartans to just one. Sophomore Nate Reller scored just 3:37 into the second half to make it 1-0, and just 2:07 later Steve Bujarski added another. Sophomore James Ward and junior Mark Gister tacked on the final tallies for the Bears. Junior Giles Bissonnette played 73 minutes in goal to get the win.

Women's soccer gets 2 home victories

The Bears picked up a pair of home wins last week, 2-0 over Maryville University Sept. 25 and 5-2 over Case Western Reserve University Sept. 29, their first UAA win of the season. Against Maryville, senior Jessica Glick led the offense by scoring her eighth and ninth goals of the season. Readie Callahan went the

distance in goal to pick up the shutout win. The Bears got going early against Case as freshman Kara Karnes scored at 4:33 to put the Bears up 1-0. The Spartans got an equalizer in the 25th minute, but goals by Lauren Bennett, Jennifer Cronch, Ellen Kinney and Samantha Sussman subdued the Case threat.

Football team upset by Rhodes, 7-6

A week after knocking off a ranked team, the No. 24 Bears were upset 7-6 by Rhodes College Sept. 29 at Francis Field. WU held Rhodes to just 190 yards of total offense, but special teams was the letdown. The Bears had an extra point and three field goals blocked, including a 40-yarder with 11 seconds left that would have given them the win. With less than 40 seconds to play, the Bears got the ball at the Lynx 45-yard line. But the Lynx batted away Jonathan Feig's field goal attempt to hold on for the win. Sophomore Bobby Collins Jr. had 83 yards rushing and his second touchdown of the season. Brandon Roberts had 20 tackles for the second time this season.

Cross country teams pick up 5th, 8th place

The men's and women's cross country teams turned in solid performances at the Augustana College/Brissman Lundeen Invitational Sept. 28 at the Highland Springs Golf Course in Rock Island, Ill. The women placed fifth out of 26 teams with a score of 140 points, while the men placed eighth out of 32 with 240 points. Sophomore Emily Lahowetz turned in the top individual performance of the year for the Bears as she crossed the finish line in fourth place with a time of 18:01. For the men, senior Pat MacDonald led the Bears by finishing 31st with a time of 25:40.

Washington People

Janice E. Brunstrom, M.D., doesn't take no for an answer.

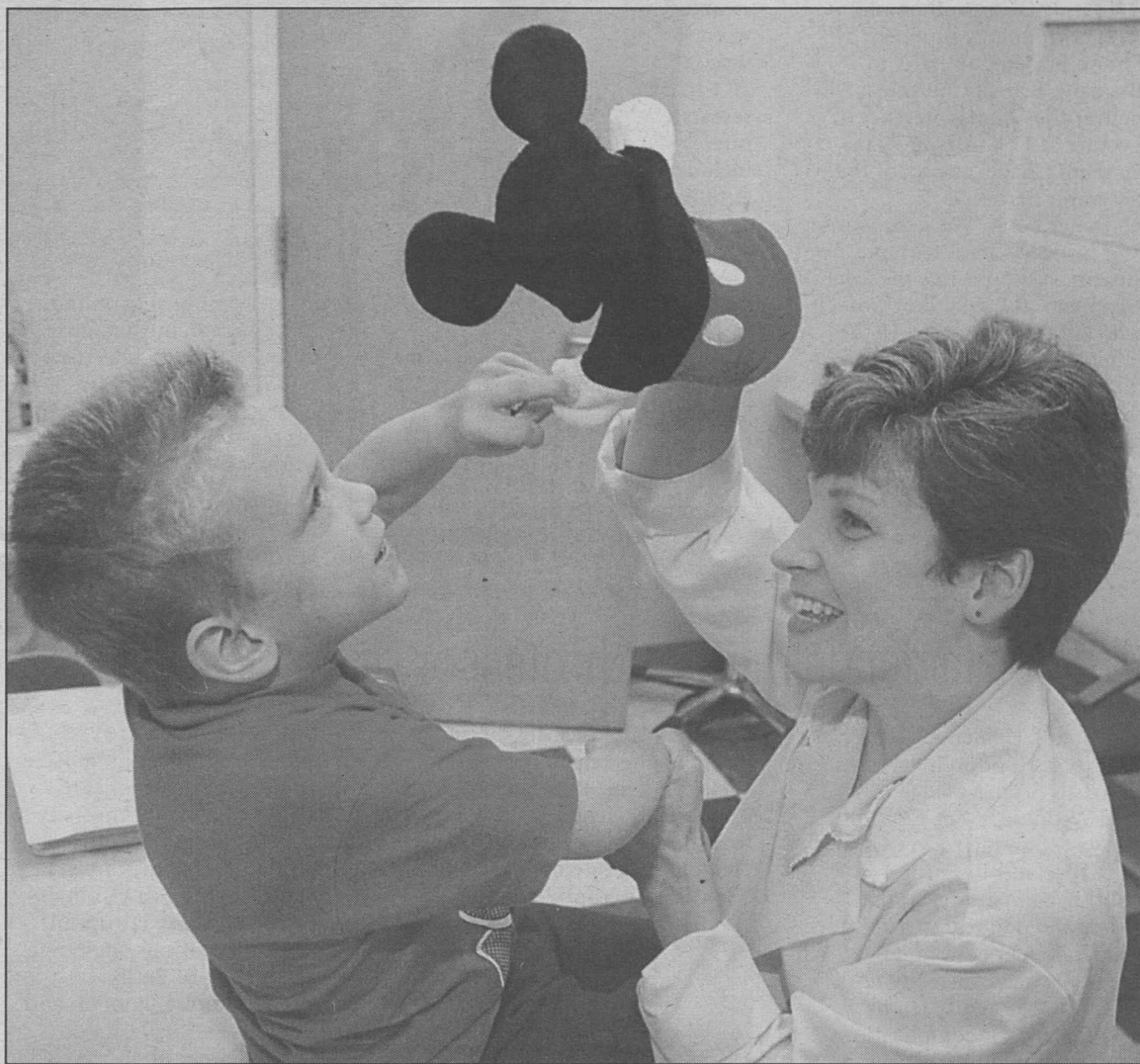
Brunstrom, assistant professor of neurology and of cell biology and physiology, and instructor of pediatrics, all in the School of Medicine, directs the school's Pediatric Neurology Cerebral Palsy Center at St. Louis Children's Hospital. Brunstrom founded the center in 1998 as little more than a big idea and a box of business cards.

People with cerebral palsy (CP), a nonprogressive disorder often caused by brain damage before birth, may find it difficult or impossible to walk, talk or use their hands.

Brunstrom knows about CP through her medical training and firsthand — she was born with the disorder — but she never envisioned caring for CP patients. She launched the center after becoming frustrated over the lack of progress in CP therapy and knowing she could make a difference. She also shared her vision with anyone who would listen.

Now, when her patients and their parents wonder about trying unproven therapies or lament about uncooperative schools, she can relate. When they are frustrated with being stereotyped because of the way they walk or how they talk, she can relate.

But there are some things to which she cannot relate: losing hope, slacking off, giving up. "Nobody ever had to push me,"



Janice E. Brunstrom, M.D., uses a puppet to perform a reaching test that gauges a patient's coordination. Brunstrom is assistant professor of neurology and of cell biology and physiology; instructor of pediatrics; and director of the Pediatric Neurology Cerebral Palsy Center at St. Louis Children's Hospital, all in the School of Medicine.

Following a drive from within

Janice E. Brunstrom, M.D., knows firsthand what it takes to motivate her young patients with cerebral palsy

By ANNE ENRIGHT SHEPHERD

Brunstrom said. "I'm harder on myself than anybody else. So that's a drive that comes from within, certainly not from any human source."

To call her motivated would understate the passion with which she approaches life.

Born in Seattle, Brunstrom spent her early years with her family in London, then Perth, Australia. Returning to the Seattle area when she was nearly 7 years old, her family struggled to find appropriate education and therapy in a school system that, until then, hadn't mainstreamed kids with disabilities.

After a legal battle, Brunstrom's parents enrolled her in a public elementary school where therapy services were offered in a nearby building connected by a walkway. The school placed Brunstrom in fourth grade because of her advanced abilities, but she still suffered injustice at the hands of unenlightened teachers.

"They made me go back across the bridge every day to take a nap because I was handicapped," she said. "None of my counterparts ever had to take a nap. I ended up almost getting kicked out of the school because I skipped my nap a few times."

She eventually found supportive schools and graduated from high school at age 16 as valedictorian of her class.

"Nobody expected any of that," she said. But she was just getting started.

College came next, then medical school at the Medical College of Virginia, though the need to prove herself continued to follow her.

"My pre-med adviser took one look at me and said, 'You're too young to go to college and you'll never make it to med school. Go home and grow up,'" she said. "But he was wrong."

"I didn't go to medical school to take care of kids with CP," Brunstrom said, although she knew she always wanted to be a doctor. "I went to medical school

to be a pediatrician. Then I was interested in babies, how they were born prematurely, why they had brain injury."

After a fellowship in pediatric neurology at the School of Medicine, Brunstrom was fascinated by neuroscience and wanted to do research, a direction she hadn't explored. So she

things about martial arts," she said. "Being 5-foot-3 and being able to put down a 6-foot-2 black belt — that's pretty cool."

The students clearly benefit as well.

"These kids at the CP center and their families will do just about anything to help better not only their lives but the lives of

"Jan's ability to combine a thoughtful approach with strong determination bodes very well for the future. She's a very careful observer in her research, and she never gives up on a tough problem. This combination of determination, care and intelligence has been very productive and will continue to yield great results."

ALAN L. PEARLMAN

walked into the lab of Alan L. Pearlman, M.D., and asked for a chance at neurology research. In months, she said, "I was hooked."

It wasn't until a few years later, while researching a book chapter on CP, that Brunstrom found her mission.

"I was looking at the different therapies," she said, "and I was struck by the fact that things hadn't changed a whole lot since I was growing up."

One thing led to another, and soon she was envisioning a comprehensive center where basic and clinical research would come together with innovative therapies to help patients with CP reach new levels of independence.

Today at the CP center, more than 600 patients get everything from a comprehensive checkup that addresses communication, education, mobility and physical fitness needs to sports, including dance, basketball, swimming and martial arts classes. Brunstrom herself practices kajukenbo — a combination of karate, judo, jujitsu, kenpo and Chinese boxing — and is working toward a black belt.

"There are lots of really good

those who come behind them," she said. "I tell them up front that I expect that. I expect them to do their very best and give something back to the world."

Whether that's excelling in school or being part of a clinical study, her patients respond to the call. For some, this call led them on the trip of a lifetime.

In June, Brunstrom was scheduled to attend the Fifth International Congress on Cerebral Palsy in Bled, Slovenia, where she was chairing a session on sports. Looking for greater impact than a standard scientific talk could muster, she decided to try another approach: a martial arts demonstration by young people with CP.

So, she was joined at the meeting by two black-belt instructors from Gateway Defensive Systems, seven students from the Fighters with Courage and Power class, parents and volunteers. The demonstration had a palpable effect on the assembly of international delegates.

"They were talking about function in CP — what these kids can't do," Brunstrom said. "Then

all of a sudden these kids get up there, and the delegates have to rethink the whole thing."

"You can talk for an hour or you can put these kids up there for 10 minutes, and you can change minds. We have to stop thinking the old way."

For her part, Brunstrom has done basic science research studying the developing brain. She developed a mouse model for studying nerve cell migration in the embryonic brain and rat models to look at the effect of growth factors in living animals.

Along with her bench research, she recently began clinical research on new therapies for children with CP, including novel exercise programs to improve balance and strength and new medications for treating muscle tone abnormalities.

"Jan's ability to combine a thoughtful approach with strong determination bodes very well for the future," said Pearlman, professor of neurology and of cell biology and physiology. "She's a very careful observer in her research, and she never gives up on a tough problem. This combination of determination, care and intelligence has been very productive and will continue to yield great results."

In addition to the wealth of basic neuroscience research at the medical school, Brunstrom rattles off a list of colleagues whose work will likely help patients with CP: Diane Damiano's clinical research on strength training, Brad Schlaggar's studies of hemiplegia and language function, Liu Lin Thio's work on epilepsy, Brad Racette's investigations involving botox.

"I expect as much out of the smart people at Washington University as I expect out of my kids," Brunstrom said. "I expect them to perform at the highest level that they are able to. We've been put here for a reason — we've been given certain gifts."

Ask Brunstrom what's next for the CP center, and the ideas come pouring out: a comprehensive training program in assistive technology; a residency/fellowship program to cultivate a new breed of experts in CP; a sports complex. With teamwork, she says, it's all possible.

"That's how I am," she said. "There's always something else on the horizon."

Janice E. Brunstrom, M.D.

Born: Seattle

Education: B.S., Pacific Lutheran University, Tacoma, Wash.; M.D., Medical College of Virginia, Richmond

University positions: Assistant professor of neurology and of cell biology and physiology; instructor of pediatrics; director of the Pediatric Neurology Cerebral Palsy Center at St. Louis Children's Hospital; all in the School of Medicine

Family: Husband, Brent Miller, M.D., assistant professor of medicine at the School of Medicine; son, Ian, 8