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Open for business: John E. Simon Hall, the largest academic building on the Hilltop campus, will be dedicated this Friday, April 4. The new $13.5 million home of the School of Business is centered around a courtyard, which is now landscaped with magnolia trees and bushes. The 98-foot-high octagonal stair tower was inspired by the traditional stone towers atop Graham Chapel and Brookings and Ridgley halls. The 130,000 square-foot building is more than three times the size of the business school's former home, Prince Hall. For story and more photographs, see pages 4 and 5.

Champions: Law school teams capture titles

For the second time in four years, the WU School of Law has captured first place in a nationwide student trial skills competition.

In addition, another WU law school team recently won national and international titles in a student counseling skills competition. This year marked the first time a WU client counseling team competed for the national title.

At the National Trial Competition, held March 22 in San Antonio, Texas, the WU mock trial team defeated teams from the University of Georgia, Syracuse University, Wake Forest University, the University of Denver and the University of Notre Dame, before winning the championship. E. Thomas Sullivan, J.D., associate dean and professor of law, served as faculty coach for the mock trial team. The national mock trial competition is sponsored by the American Bar Association and the American College of Trial Lawyers.

The WU School of Law has advanced to the national mock trial competition the last six years. In 1983, a WU team also won first place in the national event. A 1983 team member received the prestigious George A. Spiegelberg Award for the best student trial advocate in the country.

Mark A. Lynch, a third-year WU law student from Topeka, Kan., received the Spiegelberg Award this year. Besides Lynch, the other student on the winning mock trial team was Harry M. Haytayan of Boston, Mass.

A panel of distinguished trial lawyers from throughout the United States presided over the final rounds of the national mock trial competition, which featured full jury trials conducted by law school students.

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Spoehrer gift establishes chair in pediatrics

Harriet Spoehrer, a 1928 graduate of the College of Arts & Sciences, has announced a $1 million gift to the ALLIANCE FOR WASHINGTON UNIVERSITY, a $300 million fund-raising campaign announced in 1983. The gift will establish the Spoehrer Professorship of Pediatrics in the WU School of Medicine.

The first occupant of the chair, Harvey R. Colten, M.D., became head of the Department of Pediatrics effective April 1, 1986, succeeding Philip R. Dodge, M.D., who is stepping down after 19 years as head of the department. Colten previously served as professor of pediatrics at Harvard Medical School, as well as chief of the Division of Cell Biology and director of the Cystic Fibrosis Program at Children's Hospital Medical Center, Boston.

Colten will serve as pediatrician-in-chief at Children's and Barnes hospitals, and as a staff physician at Jewish Hospital. All three hospitals are sponsoring institutions of the WU Medical Center.

Chancellor William H. Danforth said, "Mrs. Spoehrer again has shown her love for Washington University in the strongest possible way with this generous expression of support. She follows in the footsteps of her late husband, Hermann F. Spoehrer, who also was a dedicated alumnus of Washington University. She loves young people and has demonstrated an extraordinary commitment to the education of those who will contribute to our society's future."

Harriet Spoehrer was the 1973 winner of the St. Louis Globe-Democrat Woman of Achievement Award for service to youth and community, and also was honored by WU in 1984 with the Alumni Alliance Award.

She is a life member of the William Greenleaf Eliot Society, a member of the Women's Society of WU.
When Julie R. Quick assisted mentally and physically handicapped youths in the Special Olympics track and field competition, she was prepared to help them.

"But I soon realized the situation was the other way around," says Quick, a member of the Alpha Phi Omega (APO) service fraternity on campus. "Working with the Special Olympics was such a rewarding experience. They were just happy to know there were people who cared."

"All the men who have pursued boxing have come from impoverished backgrounds," comments Early, who is on leave at the University of Kansas in Lawrence, Kansas. "Some have become cultural heroes, such as Joe Louis, while others have turned out to be public enemies of incredible power, like Jack Johnson."

During the lecture, Early will detail what fame and notoriety means to the fighters. He has published several articles and is writing a book on the subject.

Early will deliver the lecture in two parts: the cultural history of boxing and a look at the boxers' autobiographies and what they can teach society about American males.
Charles B. Anderson, M.D., head of the Division of Ophthalmology Surgery, has been named president-elect of the St. Louis Surgical Society for 1986. Anderson recently spoke to the Lee County Medical Society in Keokuk, Iowa, on 'Carotid Artery Disease and Vascular Laboratory Studies.'

Donald R. Calvert, Ph.D., professor of audiology, chairman of the Department of Speech and Hearing and director of the Central Institute for the Deaf, is author of the newly published "Physiological Guide to the Education of Hearing-Impaired Children." The book has a foreword by Hallowell Davis, M.D., research professor emeritus of otolaryngology in the School of Medicine. The book is for physicians, who usually are the first to confront the problem of a child's hearing impairment, frequent care for the child, and counsel the family over an extended period of time. The book is available through the Alexander Graham Bell Association for the Deaf, Washington, D.C.

Shanti K. Khinduka, Ph.D., dean of the George Washington School of Social Work, is serving a four-year term as chairman of the National Association of Social Workers (NASW) committee on publications. NASW periodicals include: Social Work, the largest circulation (106,000) journal in social welfare, published bi-monthly; NASW News, the organization's official monthly newsletter; Social Work Research and Abstracts, the major reference journal in social work, published quarterly; Social Work in Education, a quarterly journal for social workers in schools; and Health and Social Work, the quarterly journal for health care practitioners. NASW also publishes books and monographs and the Encyclopedia of Social Work. With 100,000 members, NASW is the largest organization of professional social workers in the world.

Barry J. Linder, M.D., ophthalmology fellow, has been appointed to the board of advisers for Project Space Voyage, a space flight sponsored by the travel organization society. Expeditions which is making space flight available for tourism. The first flight is scheduled for October 12, 1992, the 500th anniversary of the discovery of the New World by Columbus. Each flight will carry 20 passengers and five crew for an eight- to 12-hour flight. Five to eight orbits will be completed during the expedition. Linder attended the first board meeting recently in Seattle, Wash.

Mario Pyles, a junior in the College of Arts & Sciences, advanced through four rounds of the 1986 NCAA Division III National Wrestling Championships, winning and losing twice. He fell one match shy of placing in the top eight, the requirement needed to be named a Division III All-American. The championship matches were held Feb. 28 and March 1 at Trenton State College in Trenton, N.J., from which Pyles advanced to the national championship for the second consecutive year after winning his 138-pound weight class at the Midwest regional tournament at John Carroll University in Cleveland. He was seeded first at the regional tournament. Pyles ends the 1985-86 season at 21-6, which ups his career record at the 134-pound weight class to 58-16.

Thomas Schiff, D.D.S., head of the Division of Radiologic Services in the Department of Diagnostic Services at the School of Dental Medicine, recently delivered a three-day lecture on panoramic radiology at the dental school of the University of Texas Health Sciences Center in San Antonio, Texas. Schiff also serves as a consultant for the diagnostic science at the University of Texas.

William S. Stone, director of the International Office, has been invited to China by the State Education Commission of the People's Republic of China. He will visit China April 3-17 on behalf of 10-20 foreign students from across the country. During the trip, the delegation will visit several universities and city centers in China and view China's cultural attractions. The 1986 assembly will be the second gathering of foreign students invited into China by the commission. This is Stone's first visit to mainland China.


Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected as an officer of a professional organization? The Washington University Record will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and expected. Send a brief note with your full name, highest current degree, current title and department along with a description of your noteworthy activity to Notables, Campus Box 1070. Please include a phone number.

Law teams—continued from p. 1

The WU team conducted six trials at the event. Lynch and Haytayan showed "tremendous skill" in preparing for the trials, says Sullivan. "It was great to see them win. I have no doubt that they will be great trial lawyers." The law school's client counseling team defeated 12 teams from across the country to win the ABA's National Client Counseling Championship held March 22 in San Antonio. The team then won the first International Client Counseling Championship March 23, where team members competed with teams from Canada and Great Britain. The international event also was held in San Antonio. It was co-sponsored by the ABA, the Canadian Bar Association and the British Law Society.

Lee W. Barron of Elshah, Ill., Grace Blaich of Popular Bluff, Mo., and Ellen A. Blau of Golden Valley, Minn., comprised the client counseling team. Barron and Blaich are third-year law students. Blau is a second-year student.

Karen L. Tokarz, LL.M., assistant professor of law and director of the law school's Clinical Education Program, was faculty adviser for the intramural client counseling competition. Kenneth M. Chackes, J.D., visiting assistant professor of law, was faculty coach for the winning team. Students at the national counseling competition conducted simulated client interview and counseling sessions, and were judged by a panel of lawyers, counselors and psychologists.

"I was thrilled that the counseling team won the national and international competitions," comments Chackes, who served as faculty coach for the first time this year. "Our team beat teams from over 120 schools. They did a fantastic job."

Blau says, "Entering the competition helped me realize there are other ways to excel in law school besides sitting in the library and doing research. I'm more confident now of my legal abilities."

"The competition was one of the most exciting moments of my life," says Blaich, who will join a law firm in Popular Bluff, Mo., after graduation. "The tension was like a roller coaster, but when they announced WU was the winning team it was exhilarating."

"The school is especially grateful to Sullivan and Chackes for the countless hours they devoted to helping these students prepare for the national championships," Shelton adds. "We were fortunate to have Chackes on staff this year as a visiting clinical faculty member," notes Tokarz. "As a legal practitioner, Chackes has extensive counseling experience and was able to impart invaluable advice to the team." Chackes is a well-known local civil rights attorney.

Spoecher—continued on p. 1 and a director for the St. Louis Children's Hospital.

Mrs. Spoecher also has made significant contributions to the School of Engineering and College of Arts and Sciences. In 1983, she established the Hermann F. Spoecher Scholarships in the School of Engineering in memory of her late husband. A total of 17 students have benefited from this program so far. Her husband was a 1924 graduate of the School of Engineering and Applied Science and former vice-president of Sporlan Valve Co. in St. Louis. He was a highly respected civic leader who was directly associated with a number of youth programs in St. Louis.
The business library was well planned, keeping the specific needs of business students clearly in mind. Major business indexes are conveniently close, and annual and 10-K reports for all major public companies as well as back copies of journals such as Forbes, Fortune and ABA Banking are on microfiche. Current periodicals are grouped around spacious, lamp-lighted reading tables.
The student computing laboratory on the main floor contains 23 computers and has a capacity for 39. From this room students can use one of the PC workstations to access the business school's DEC mainframe or the University's IBM mainframe. A sophisticated software system provides SAS, BASIC, and FORTRAN programming languages, spreadsheet capability, tape scans, file transfers, automated backups of hard disks on ATs, a "PHONE" utility for instantaneous user-to-user communications through keyboard and terminal, text processing, data base work and an output formatter and capability beyond that provided by text processing.

Photographs by Herb Weitman, Peter Zimmerman and David Kilper.
Scientist links aspartame to allergic reactions in five women

Aspartame, the sweetener known as NutraSweet and Equal, caused allergic responses in two women tested at WU School of Medicine. The allergic reactions, demonstrated through a scientific study, were reported by allergist/immunologist Anthony Kulczycki, M.D., in the February issue of *Annals of Internal Medicine*.

G. D. Searle and Co., developers of aspartame, cooperated with Kulczycki by supplying him with the aspartame and placebo used to test the patients.

The women tested were referred to Kulczycki, associate professor of medicine, for evaluation of their frequent hives, itching, rashes and swelling. He determined that their episodic symptoms repeatedly correlated with aspartame consumption.

One woman drank two or three cans of aspartame-sweetened diet soda daily; the other ingested even more aspartame as part of a commercial weight loss program. On some occasions prior to this study, their hives and rashes were accompanied by swelling of the throat that required emergency treatment.

"Relatively small molecules like aspartame — composed of common amino acids — are unlikely to cause allergy," said Kulczycki. "Indeed, that was my initial reaction, but now we've proven scientifically that it can happen."

After confirming the relationship between NutraSweet and allergic reactions, Kulczycki contacted the U.S. Food and Drug Administration. Of some 700 aspartame complaints filed with the FDA, at least 62 look very much like the two cases just reported, although they were not scientifically studied, he said. Since his *Annals* article appeared, a number of individuals in the St. Louis area have called Kulczycki with similar complaints.

"How many of these individuals are really allergic to NutraSweet?" asked Kulczycki. "I think this may be relatively rare, but we do not know the exact incidence."

Kulczycki, a Barnes Hospital staff physician, calls his first confirmed case of aspartame allergy a classic one. A registered nurse living in Springfield, Ill., sought help from her personal physician in November of 1983 when she began having skin reactions.

"I never had an allergy before," said the nurse, "not even hay fever. I remember thinking if it might be from NutraSweet because I had been drinking diet soda that had NutraSweet in it, and used Equal sometimes to sweeten breakfast cereal or tea."

"While we were going through all the tests and measures to see what could be causing the hives, the symptoms were getting more severe. I had hives or a rash every day for a year. Sometimes I'd get seven- to nine-inch welts on my skin. Swelling in my joints made it hard for me to move around, and one night I woke up with my throat swollen and had trouble breathing," she added. "Sometimes I had hives so bad that I wouldn't go out of the house."

The patient's physician sent her to Kulczycki to see if he could help solve her problem. To positively identify aspartame's role in her symptoms, Kulczycki used Searle-supplied capsules containing either placebo or aspartame.

Kulczycki's study was "double-blind" to avoid possible bias in the results, neither he nor the patient knew whether aspartame or placebo was administered until after the test.

"Within a short time of taking the NutraSweet capsules," explained the woman, "I had an allergic response. She and the other patient tested had no response to the placebo."

Kulczycki's study confirmed Kulczycki's first suspicion that aspartame was responsible for the symptoms. He determined that their episodic symptoms repeatedly correlated with aspartame consumption.

Anthony Kulczycki, M.D., WU allergist/immunologist, has confirmed that aspartame, the sweetener known as NutraSweet and Equal, caused allergic reactions in five women who participated in a double-blind, placebo-controlled study. The women received evaluations of their frequent hives, itching, rashes and swelling. Kulczycki determined that their episodic symptoms repeatedly correlated with aspartame consumption.

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Neil L. Novick, M.D., at Mount Sinai Medical Center in New York, reported a patient who three times developed inflammatory nodules in the fatty tissue on her legs after aspartame ingestion.

Persons who suspect they have had an allergic response to aspartame are encouraged to contact Kulczycki at 362-9049.

This research was supported in part by the National Institutes of Health. At WU School of Medicine, Kulczycki is an associate professor of microbiology and immunology in addition to his position in the Department of Medicine.
Leonard J. Tolmach, Ph.D., professor of radiation biology at WU's Mallinckrodt Institute of Radiology (MIR), has been selected by the American Association for the Advancement of Science, its highest honor, to deliver the 1986 Failla Memorial Lecture, at the Society's annual meeting on Tuesday, April 15 in Las Vegas, Nev. He will discuss "Time, Cells and X-rays."

Since its inception in 1965, the Failla Lectureship has become one of the highest honors awarded nationally in the field of radiation research. Tolmach is the first from WU to receive this honor.

Tolmach is recognized for his outstanding contributions to radiation biology. Among his earliest achievements was the development in 1963 of a gentle but powerful technique for isolating cells that are all in the same phase of the cell reproductive cycle. This permitted synchronization of large numbers of cells with respect to their movement through the cycle, and has facilitated quantitative studies of cell cycle events by many laboratories.

At WU School of Medicine, Tolmach and his colleagues from the Division of Radiation Oncology have used the technique to study the effects of radiation and of chemicals on cells at specific times during the cycle. They were the first to identify variations in cell responses to X-rays at different points in the cycle, and to establish the correlation between "cell-age" and various radiation responses. These results enhanced fundamental concepts behind the treatment of cancer with radiation therapy — the basis of which is the inactivation of cells by ionizing radiations.

In the late 1960s, Tolmach was the first to describe the repair of potentially lethal damage in mammalian cells. His later research, and that of other scientists, has focused in depth on how radiation affects DNA (genetic material) replication, a process that occurs during each cell generation cycle, and also on a number of agents and conditions that can modify these effects.

Collaborating with WU engineers, Tolmach modified these effects. In 1975, Tolmach developed AUDRI, an automated device for delivering reagents to culture dishes. AUDRI provides computer-controlled manipulation of the dishes and re-agents on a programmed basis, thereby allowing experiments to run for days without human assistance. This has proven to be extremely useful for studying the time-course of changes in cell viability caused by various postirradiation treatments.

In addition, Tolmach coordinated the development of a system for the simultaneous production of four time-lapse films of cells growing in culture, using a single microscope and camera. The films have provided considerable information about the cellular effects of irradiation.

Studies with caffeine comprise most of the current research in Tolmach's laboratory at the School of Medicine. In his long-term quest to understand the effects of radiation on cells, Tolmach has focused his studies on the repair of damage in irradiated cells. Caffeine is significant to these studies because, at concentrations considerably higher than that which can be tolerated by people, it has the ability to prevent cellular repair — although no one yet knows why.

Tolmach received his doctorate in physical chemistry at the University of Chicago in 1951. He was an instructor and assistant professor of biophysics at the University of Colorado School of Medicine for seven years, before coming to WU in 1958 to set up the School of Medicine's first laboratory of radiation biology utilizing cultured animal cells.

The Radiation Research Society was founded in 1952, to encourage the advancement of radiation research and professional cooperation between the four scientific disciplines directly involved in radiation studies. It has a national membership of over 1600 chemists, biologists, physicists, and physicians. The Failla Lecture was established in 1963, as a living memorial to the Society's founder and second president.
April 3-12

Friday, April 4
8 p.m. WU Symphony Orchestra Concert, Holmes Lounge.

Saturday, April 5
8:30 p.m. Department of Music Student Voice Recital with Ann Loqufot, soprano, and Roger O'Connor, baritone. McMillen Center.

Sunday, April 6
8 p.m. Department of Music Senior Recital with Jon Krecskove, WU bachelor of arts in composition candidate. Steinberg Auditorium.

Wednesday, April 9
8 p.m. WU Jazz Ensemble Concert, the Gargoyles, Mallinckrodt Center.

Friday, April 11
8 p.m. Guitar Society Guest Artist Series with the Los Angeles Guitar Quartet, Graham Chapel. General admission $8; students and senior citizens $5. Tickets are available from the WU Dept. of Music. For info., call 889-5581.

EXHIBITIONS

"19th-century Art From the Permanent Collection." Through April 15. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays, 1-5 p.m. weekends. For more info., call 889-4523.

"Guenter Grass Prints." Through April 27. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays, 1-5 p.m. weekends. For more info., call 889-4523.

"Modern German Prints and Drawings From the Collection." Through April 27. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays, 1-5 p.m. weekends. For more info., call 889-4523.

"Circa 1945," an exhibit of work by St. Louis artists during the 1940s. Through April 20. Ruby Galler, Bailey Hall. 10 a.m.-5 p.m. weekdays. 1-5 p.m. weekends.

FILMS

Thursday, April 3
7 and 9:45 p.m. WU Filmboard Series, "L'Avventura." S. Brown Hall.

Friday, April 4
7 and 9:45 p.m. WU Filmboard Series, "The Women." S. Brown Hall.

Saturday, April 5
7 and 9:45 p.m. WU Filmboard Series, "Beauty and the Beast." S. Brown Hall. (Also Sat., April 13, at 9:45 p.m., S. Brown.)

Monday, April 7
7 and 9:30 p.m. WU Filmboard Series, "The Women." S. Brown Hall. (Also Tues., April 8, same time, S. Brown.)

Wednesday, April 9
7 and 8:45 p.m. WU Filmboard Series, "Elaine." S. Brown Hall. (Also Thurs., April 10, same time, S. Brown.)

Friday, April 11
7 and 8:45 p.m. WU Filmboard Series, "Desperately Seeking Susan." S. Brown Hall. (Also Sat., April 12, same time, and Sun., April 13, at 1 p.m., S. Brown.)

Monday, April 14
7:30 and 9:30 p.m. WU Filmboard Series, "Deathtrap." S. Brown Hall. (Also Sat., April 12, same time, and Sun., April 13, at 9:15 p.m., S. Brown.)

Wednesday, April 16
7:30 and 9:45 p.m. WU Filmboard Series, "The Women." S. Brown Hall. (Also Tues., April 8, same time, S. Brown.)

Thursday, April 17
7 and 9:30 p.m. WU Filmboard Series, "Shame." S. Brown Hall.

Friday, April 18
7 and 8:45 p.m. WU Filmboard Series, "The Pope's Children." S. Brown Hall.

Saturday, April 19
7 and 9:45 p.m. WU Filmboard Series, "The Warrior and the Cowgirl." S. Brown Hall.

Sunday, April 20
7 and 8:45 p.m. WU Filmboard Series, "The Pope's Children." S. Brown Hall.

MOONSHOTS

Thursday, April 3
Sponsored by the undergraduate chapter of the Astronomical Society. Call 889-5122 for more information.

Friday, April 4
1 p.m. WU Business School's First 5K Run. It starts at the east Francis Field gate. WU community is invited to participate. There is no fee for more info., call Barb McKay at 889-4575.

Saturday, April 5

Sunday, April 6

Monday, April 7
10-11:30 a.m. University College Short Course, "Understanding Mozart. Three Perspectives," Michael Beckerman, WU asst. prof. of music. For more info., call 889-4523. S40 registration fee. For class location and registration info., call 889-6759.

Wednesday, April 9

Thursday, April 10
9:30 p.m. Thursday Night at the Rat sponsored by Thutere, the junior men's honorary society. Umbrathkeller.

SPORTS

Wednesday, April 2
4:30 p.m. Women's Tennis, WU vs. Principia College. Yoga Center.

Thursday, April 3
4:30 p.m. Women's Tennis, WU vs. St. Louis U. Tennis Center.

Friday, April 4
1 p.m. Baseball Doubleheader, WU vs. Blackburn College. Kelly Field.

Tuesday, April 8
3:30 p.m. Women's Tennis, WU vs. St. Louis U. Tennis Center.

Friday, April 11
4 p.m. Men's and Women's Track and Field meets at the Francis Field track. For more info., call Missouri Baptist, Central Methodist, Westminster and U. of Missouri-Rolla (men only). Francis Field.

Saturday, April 12
1 p.m. Women's Tennis, WU vs. Lincoln U. Tennis Center.

4:30 p.m. Baseball Doubleheader, WU vs. Greenville College. Kelly Field.