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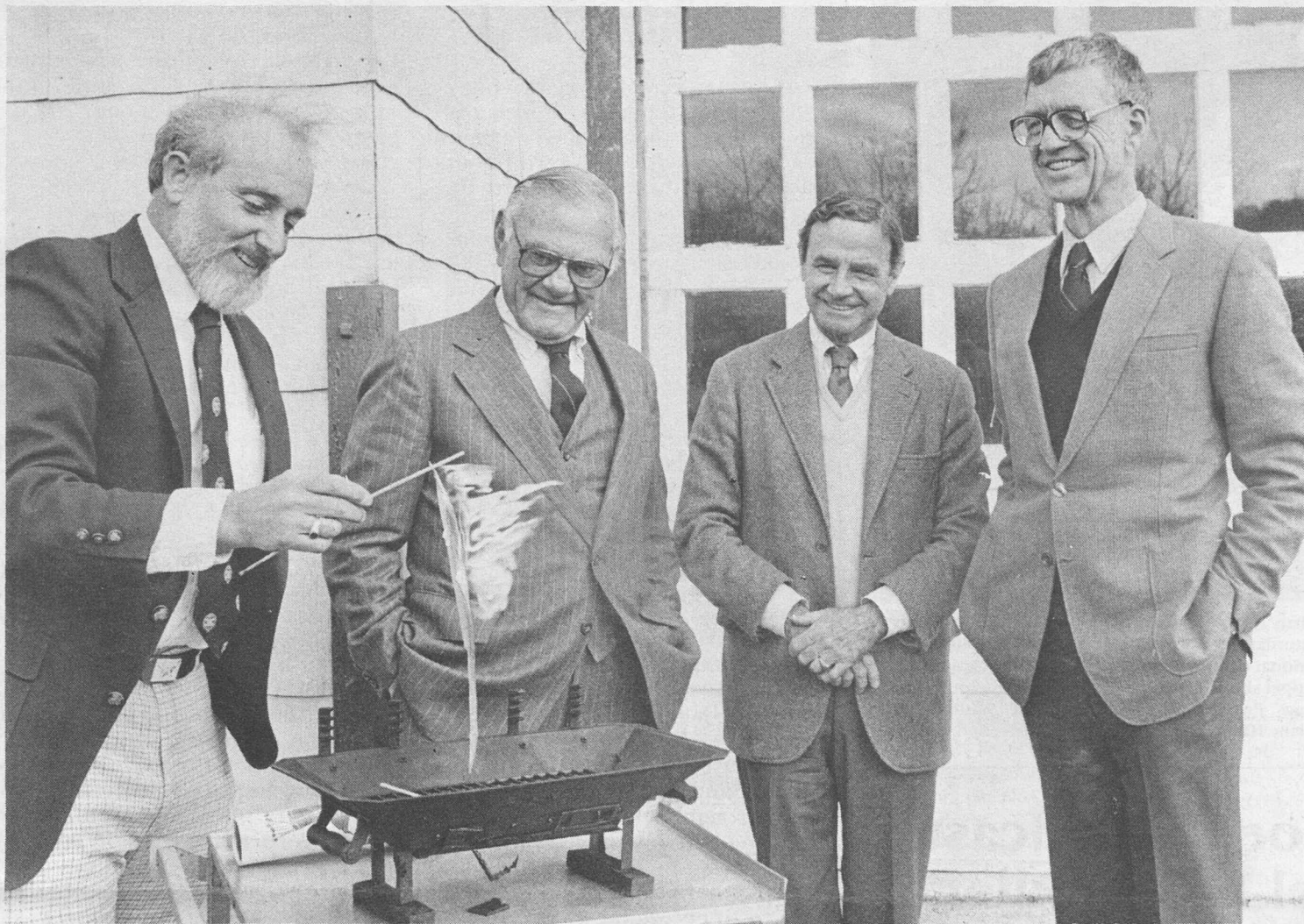


# Washington University RECORD

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**Mortgage burning:** A ceremonial incineration of the articles of conveyance marking the transfer of ownership of Tyson Research Center from the federal government to WU recently was held on the 2,000-acre property. Participating in the incineration were (from left): Richard W. Coles, director of Tyson; Sol Elson, an alumnus of WU's law school who was instrumental in acquiring the property for the University; W.L. Hadley Griffin, WU Board of Trustees chairman; and Chancellor William H. Danforth. See story page 7.

## Sitemans endow marketing chair in business school

Alvin J. and Ruth Siteman of St. Louis have made a commitment to the ALLIANCE FOR WASHINGTON UNIVERSITY to endow a chair of marketing in the School of Business, Chancellor William H. Danforth has announced.

The chair will be named in honor of Siteman's late father, Philip L. Siteman, founder of Site Oil Co. and a graduate of WU's School of Engineering. The ALLIANCE FOR WASHINGTON UNIVERSITY is a \$300 million fund-raising campaign, which was announced in 1983. The total being sought for the business school is \$31 million.

This is the business school's first chair of marketing and the fourth chair in total. The others are: The John E. Simon Chair of Finance, the Hubert C. and Dorothy R. Moog Chair of Accounting, and a third chair, which was established by an anonymous donor.

Alvin J. Siteman is president of the Siteman Organization, a real estate management and development company, and of Site Oil Co. and Flash Oil Corp., chains of gas station-convenience stores in the Midwest and South. He also is vice chairman of Mark Twain Bancshares Inc.

Siteman served in 1980-81 on a 27-member task force, chaired by Charles F. Knight, chairman and chief executive officer of Emerson Electric, which developed plans for the advancement of the business school. These plans include endowment of the faculty and academic programs and construction of a \$13 million building, which is nearing completion.

Danforth said, "Al and Ruth Siteman have given much of themselves to making St. Louis and Washington University better, as did Al's father, Phil. This magnificent commitment reflects their conviction that having a distinguished business school at the University will be an important asset to the St. Louis business community. It will allow us to attract a top scholar and teacher in marketing."

George H. Capps, a WU trustee, is chairman of the ALLIANCE. According to Capps, gifts and pledges to the campaign now total \$239.3 million.

## Electronic music concert in Tietjens

The Department of Music will present "Synesthesia/An Electronic Music Concert" at 8 p.m. Friday, April 5, in Tietjens Rehearsal Hall.

Free and open to the public, the concert features premiere electronic works with live performance, film and dance composed by University students.

Richard O'Donnell, director of WU's recording studio and the electronic music program and principal percussionist in the Saint Louis Symphony Orchestra, will direct.

## Math marvels

### WU team beats students from 349 schools to tie for top honors in prestigious Putnam math contest

A team of WU students has won the nation's highest academic competition for undergraduates. The William Lowell Putnam Mathematical Competition, now in its 45th year, was won jointly by WU and the University of California, Davis.

The three members of the WU team are: William H. Paulsen, a senior in mathematics from Sioux Falls, S.D.; Richard A. Stong, a senior in mathematics, physics and chemistry from Charlottesville, Va.; and Dougin A. Walker, a sophomore in mathematics from Bethesda, Md.

Carl Bender, professor of physics, served as WU's coach for the competition, which was held last December on each campus.

Stong, who placed seventh in the nation in last year's competition, placed among the top five students this year. He has been named a Putnam Fellow and will receive a \$500 cash prize. Individual rankings for the fellows are not given.

At a later date, one of the five Putnam Fellows will be awarded a full fellowship for graduate study at Harvard University. This honor was captured by a WU student, Edward H. Shpiz, in 1983.

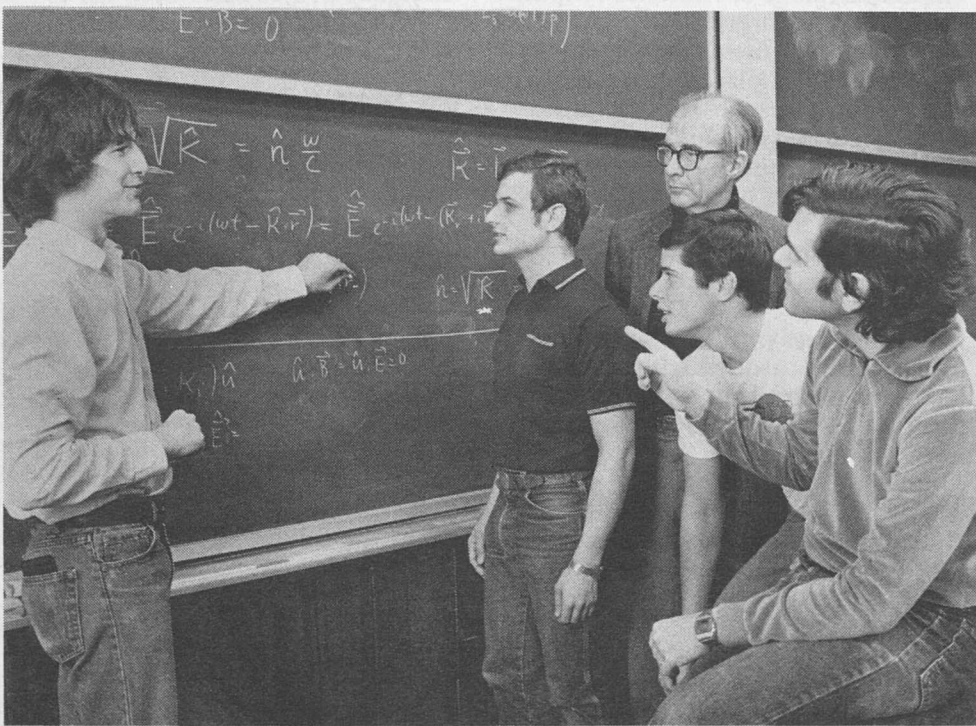
Since 1976, WU teams competing in the six-hour exam consistently have placed in the top 10, taking first place four times and second place

three times. For taking top honors in the competition, WU receives an award of \$5,000 and each team member receives \$250.

This year's competition involved 2,149 students from 350 colleges and universities in the United States and

Canada. The competition is open to all collegiate undergraduates and each school may enter as many contestants as it wishes. However, the teams' coaches must designate the three students they think will have

Continued on p. 7



Putnam math competition winners (from left), Richard Stong, William Paulsen and Dougin Walker, show Robert McDowell (rear), mathematics department chairman, and Carl Bender (far right), physics professor and the team's coach, how they mastered their six-hour exam.





**Easter frolic:** An Easter Egg Roll for more than 100 children of WU's international students, faculty and staff will be held from 1 to 3 p.m. Saturday, April 6, on the grounds of the Stix International House, 6470 Forsyth Blvd. The international committee of the Women's Society of WU is sponsoring the event, which also features a puppet show. Members of the Women's Society are decorating and donating more than 40 dozen eggs. Prizes will be awarded to the children who find the most eggs. For more information, call Diane Hasty, Stix International Office, at 889-5991 or 889-5910.

## Radio theatre does broadcast based on Samuel Pepys' diary

The Holy Roman Repertory Company (HRRC), St. Louis' professional radio theatre, will present "The Life and Opinions of Samuel Pepys" at 8 p.m. Friday and Saturday, April 5-6, and at 2 p.m. April 6 in the Drama Studio, 208 Mallinckrodt Center.

Presented as an ancient broadcast, the program is based on the diary of Pepys (1633-1703), which was written between 1660 and 1669, when he served as a high official in the British Admiralty. It was first published in 1825.

Excerpts will be read by Agnes Wilcox, visiting artist in the University's Performing Arts Area; John Grassilli, area actor; and Hollis Huston, co-director of HRRC and artist-in-residence in the University's Performing Arts Area.

"Samuel Pepys may be the world's most famous diarist," said Huston. "He left some of the most famous descriptions of the politics and morals, the art and culture, the triumphs and tragedies of Restoration England. His diary has been used as an important source by theatre, musical and social historians."

Musical selections will be featured by composers Henry Lawes, Henry Purcell, Nicholas Laneare, Pelham Humphrey, Matthew Locke and Pepys.

Nicholas McGegan, co-director of HRRC and visiting artist in the University's music department, will play the harpsichord. Jeffrey Noonan, doctoral candidate in musicology, will perform on theorbo, and Kim Pineda, a graduate student in historical performance practice, will play recorders. Soprano Gina Spagnoli, doctoral candidate in musicology, will sing.

Admission is \$5 to evening performances and \$3 to the matinee, with two-for-one discounts for stu-

dents and KWMU "Studio Set" members. For more information, call 889-6543 or 889-5858.

The concert is part of a series produced by the HRRC and KWMU FM 91, the National Public Radio affiliate at the University of Missouri-St. Louis. The concerts will be broadcast on KWMU at a later date and, beginning next month, will be offered as a series to National Public Radio stations across the country.

## Fitness program available to WU community

The Department of Athletics is sponsoring a Physical Fitness Program for the community from April 1-May 24.

Emphasis is placed on cardiovascular endurance, muscle tone and flexibility using carefully graded exercises, along with progressive jogging to promote one's physical fitness. Each participant progresses at his/her own rate, and exercise is prescribed based upon individual capabilities.

A pre- and post-fitness evaluation to determine cardiovascular improvement and body composition measurements is included as an optional part of the program.

The program is offered on Mondays, Wednesdays and Fridays from 7 a.m. to 8 a.m. under the direction of Rick Larsen. The fee for the program is \$40, plus \$20 for the optional fitness test.

For additional information and application forms, please contact Rick Larsen at 889-5220.

## Foreign relations

# Stix House student caretaker learns about world at home

*This article is part of a continuing monthly series profiling WU students.*

Tracy Christopher is a girl who thinks in two languages, French and English. Who is frighteningly calm in the face of danger — 18 credit hours and a 60-page thesis to complete by the end of this semester. And who has a fascination with foreign countries and their people.

Such a human recipe, combined with a sense of humor, can be quite interesting. Especially when you pour it all together and let it simmer in the Stix International House.

Christopher, a WU senior and a native St. Louisan, applied for the position of Stix International House caretaker after returning from a year of study at the Universite de Caen in Normandy.

She wanted an economical place to live on campus. And a caretaking job that came with free room and board and all the foreign students you could meet was like a dream come true.

Among her caretaking duties, Christopher is responsible for locking up the house's windows and doors at night, making sure the house has been thoroughly cleaned after parties and seeing that any moved furniture is put back into place.

The Stix International House is designed to be a home-away-from-home for WU's foreign students population. One of the caretaker's interesting hobbies is getting to know that house's frequenters.

"I really enjoy being around international students," explained Christopher. "It takes longer to get to know them. But their relationships run deeper."

So does their humor.

"I'd say the Icelandic students have the best poker faces," she said, with a smile. "You can never tell when they're kidding. Two of them told me that they eat sheep heads in Iceland. Now, no doubt they do. But, then they said they bury sharks for a month and then dig them up and eat them."

Christopher's smile faded. "They threatened to cook some for us."

Although she cringes at the thought of buried shark bodies,

Christopher finds other seemingly bizarre foods delicious.

"The Puerto Ricans make a really wonderful dessert. It's made with sour milk. It's sort of spongy or yogurty . . . kind of a cross between cheesecake and erasers."

"It's made with sugar, vanilla, cinnamon, and the sour milk. They boil it until it dries up and all that's left are the milk solids. Then, they spread it on soda crackers. My friend Agneilli Quinones introduced me to it. Really, it's delicious."

Although it may sound like Christopher spends most of her time in the kitchen, she's kept busy with her school work — she's a French and comparative literature major — and her part-time position as one of the university's French drillers. French drillers teach beginning French students the art of French pronunciation and conversational techniques.

"I really enjoy teaching," said Christopher, who has been nominated for both a Fulbright and a Mellon scholarship and will graduate Summa Cum Laude and Phi Beta Cum Laude this spring. "I want to go to graduate school. I'm fairly sure I'll go to New York University. They have a lot of international students. They also have a program in France."

If her teaching plans don't pan out, the 21-year-old said she would not be adverse to a major career change. The man in her life is a foreign student from Tunisia, who she met in France. He taught her how to cook something that may become her livelihood.

"He taught me how to make couscous. Couscous is this really great dish. It has these noodles you pour a sort of stew over."

"If all else fails, I have this vision of the two of us coming back to St. Louis and opening a couscous restaurant."

They may even serve cheesecake and erasers for dessert.

Michelle Meehan

# RECORD

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Tracy Christopher



## Memorial service held for botanist, emeritus professor Erna Eisendrath

Erna Rice Eisendrath, WU associate professor emeritus of biology, died of a stroke Sat., March 23, at her home in St. Louis. She was 75. A memorial service was held March 27 in Graham Chapel.

A native of St. Louis, Mrs. Eisendrath earned her bachelor's degree in art history from Bryn Mawr in 1930, and a master's degree in botany from WU in 1960. She was immediately offered a position on the faculty.

In addition to teaching, Mrs. Eisendrath was a researcher, naturalist, writer and editor. In 1979, the *Globe-Democrat* presented her with the Woman of Achievement award for her work in natural history.

After her official retirement in 1968, Mrs. Eisendrath continued to teach courses at WU on plant systematics and spring and fall flora. Noted for her precise lectures, she was in great demand as a speaker. Her last lecture, on "Early Botanists in the St. Louis Area," was delivered to the Webster Groves Nature Study Society two days before she died.

The Missouri Botanical Garden, where she was a research associate, published her book, *Missouri Wildflowers of the St. Louis Area*, in 1978.

Mrs. Eisendrath was a working member and strong supporter of many nature groups, including the Nature Conservancy, the Missouri Native Plant Society and the Friends of Tyson. She has willed her exten-

sive collection of books on botany to the Missouri Botanical Garden's library.

Her husband, William N. Eisendrath Jr., was an assistant professor of art and archaeology at WU and was curator of the University's art collection from 1960 to 1965 and first director of the new Gallery of Art from 1966 to 1968. He died in 1983.

Mrs. Eisendrath is survived by two daughters, Ann Chaffee of Denver and Ellen Post of Clayton; a son, Charles, of Ann Arbor, Mich.; a brother, Jonathan Rice of San Francisco; and eight grandchildren.



Erna Rice Eisendrath

## Five musicians present concert of works by Bach, Handel and Scarlatti

Five musicians will present a concert of works by Bach, Handel and Scarlatti at 8 p.m. Wednesday, April 10, in Steinberg Auditorium, Steinberg Hall. Sponsored by the Department of Music, the event is free and open to the public.

Drew Minter, internationally acclaimed countertenor, is the featured guest. Minter is serving April 2 to 11 as visiting artist in the Department of Music. He last performed in St. Louis in February 1983, when the University staged the celebrated production of Handel's "Orlando."

Performers on WU's music faculty are soprano Christine Armistead, instructor in voice; and harpsichordist and conductor Nicholas McGegan,

visiting artist-in-residence.

Lauri Orsak will play cello and Randy Orsak will play violin. The Orsaks are on the music faculty at Southern Illinois University-Edwardsville.

Armistead and Minter will perform two arias and a duet from Act I of Handel's "Teseo," the centerpiece of the Boston Early Music Festival, the world's leading festival of early music slated June 3 to 9. In the opera, to be staged at the Boston College Theater Arts Center, Armistead portrays Clizia and Minter sings the role of Arcane.

For more information, call the Department of Music at 889-5574.

## Financial analysis topic of hands-on training program

An intensive, hands-on training program in financial analysis for engineers, architects and closely-held construction firms will be held on Wednesday, April 24, at Musial & Biggie's Restaurant.

The all-day seminar is sponsored by WU's new Construction Management Center. It will feature three nationally recognized experts.

The program is designed for chief executive officers, lawyers, and/or accountants of construction, engineering and architectural firms. Included will be a discussion of a company's worth; the relationships

of major and minor stockholders; how to protect the company's worth during exceptional periods; how investment and estate planning can be coordinated with corporate financial planning; and how to deal with mergers, acquisitions, and/or expansion.

Speakers will include Paul Ullman, chairman of the board of Eidelman, Ullman and Finger; Roger Krasnicki, vice president of Center Trust Company's Closely-Held Properties Division and president of Center Safe Deposit Company; and Lawrence Brody, partner in Husch, Eppenger, Donohue, Elson & Cornfeld, attorneys-at-law.

For reservations or more information, call WU's Construction Management Center at 889-6343.

## French connection

## WU students intern in Europe to learn international business

It started with notes on a paper napkin in a French restaurant. And before you could say "I love Paris in the springtime," WU and Le Centre d'Echanges Internationaux (CEI) in Paris were launching the first Internship Program in European Business for American students.

Linda Salamon, dean of WU's College of Arts and Sciences, had traveled to France in June 1983 to inspect the University's Summer Language Institute, housed at the Chateau de la Hercherie, which is one of six centers owned by the Centre d'Echanges Internationaux (CEI).

James F. Jones Jr., chairman of the University's romance languages and literatures department, introduced Salamon to Herve Dufresne, president of the CEI. Over lunch, they discovered they had similar ideas about American provincialism versus the demands of international business.

Salamon and Jones had long recognized the need for liberal arts students to know more about the world of business, where many of them would find careers after they graduated. They also realized that American students no longer could have parochial views of the their country — they needed a more global perspective if they were to become active participants in an increasingly interdependent world economy.

Dufresne, who also is president-director general of Motorola Electronique Automobile, had confronted a similar problem in Europe after World War II, and now was anxious to include Americans. He had founded the CEI in 1946-47 with a small group of French and German veterans of World War II. Their purpose was to help eliminate future wars between the two countries by increasing opportunities for understanding between students in France and Germany.

Since that time, the group has purchased several study centers in Europe, including a villa on the Riviera, the Chateau de la Hercherie; a chalet in the French Alps; a former prisoner-of-war camp in Brittany; four centers in Germany; and two townhouses in London (England has joined the CEI).

The three lunch partners discussed the potential involvement of WU in a European internship program, administered through the CEI, and an idea was born.

"I usually don't like business lunches," Jones admitted later. "But this lunch was extremely rich in possibilities. From it sprang this unique Junior Year Abroad program."

The program, which launches its first class in fall 1985, is designed for students who are acquiring fluency in French, committed to understanding enterprise in contemporary multinational society and interested in careers in international business.

The 12 to 15 students chosen for the program — from the College of Arts and Sciences and School of Business and Public Administration — will spend their fall semester studying multinational business at the Ecole Europeenne des Affaires (EAP)

in Paris. They will live with families in Paris and study with 80 students from 10 countries of the European Economic Community.

The first semester will be intense. As they immerse themselves in French language study, they will receive special instruction from EAP faculty in comparative European-American business techniques. They will focus on government relations with business, the legal climate for personnel practices, conditions governing fiscal policies and marketing, and distribution and sales in France.

The students will have a month off at Christmas to travel in Europe.

During the second semester, they will put learning into practice by interning with a company in France. For five months, each student will serve as confidential assistant to a mid-level manager, who also will act as a mentor to the student.

The interns will actively participate in the company's activities, including the opportunity to deal with the host country's citizens. To culminate their year abroad, they will work on a specific project within their assigned company, ideally in conjunction with a team of employees.

For their efforts, the students will be graded by WU faculty, in consultation with European colleagues, and will earn 33 credit units.

A one-semester program in the London financial community is on the drawing board, and in 1986-87, Salamon hopes to launch a year-long program in the Cologne/Dusseldorf region, now being planned with the Department of Germanic Languages and Literatures.

Salamon is excited about the program because the students will see different lifestyles and modes of operation. Since she has been working on the establishment of the program, she has had a mini-lesson in foreign methods. "A Frenchman recently told me that Americans like to solve problems and the French like to have a good discussion," she laughed. "I have been enjoying the more relaxed style of doing business in France."

Her approach to the program is very pragmatic. "I recognize that more and more students in arts and sciences are making their careers in business," she said. "Those students need to learn the language of the business world."

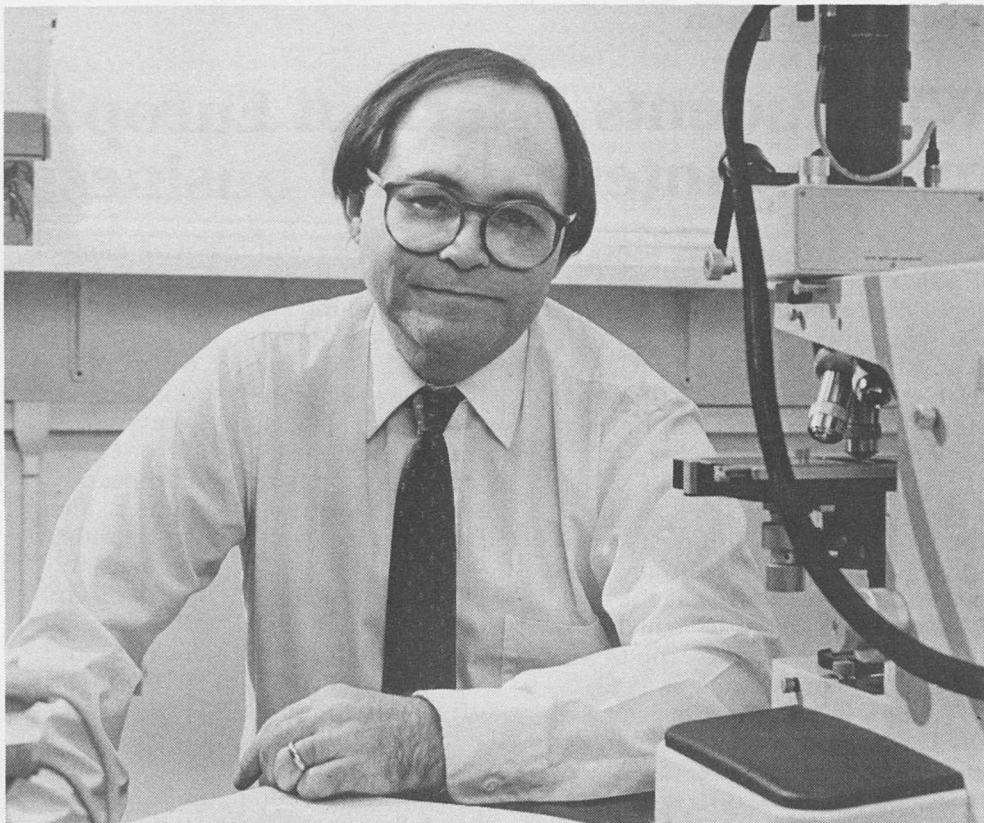
The internship program will provide invaluable contacts to students interested in a career in international business, Jones added. "I can't think of anything more appealing to a firm with international business than a graduate of this program," he said.

Salamon hopes the students will get more than a unique insight into business life in Europe. "I hope that they become generally at home in Europe — that is much harder than some might think," she said, "but I also hope they can learn to function as citizens of the world."

Regina Engelken



# MEDICAL RECORD



Daniel McKeel, M.D., associate professor of pathology and director of the Division of Autopsy Pathology, hopes that study findings will reverse the decline of autopsies performed in the United States.

## Autopsies

### Studies reveal important findings, pathologists push for new policy

In a movement that is sweeping medical circles nationwide, WU pathologists are taking a strong stance for an increase in the number of autopsies performed yearly.

WU is one of 32 centers to participate in a study sponsored by the College of American Pathologists Foundation, which will compare clinical diagnoses to diagnoses made at autopsy. A similar study done previously at Harvard University found a 20-22 percent discrepancy in clinical vs. autopsy diagnoses. Thus far, the national study, which represents 50 autopsies performed at each of the 32 institutions, indicates comparable findings in its preliminary assessment. The three major missed clinical diagnoses contributing significantly or leading directly to death include pulmonary embolism, infection and myocardial infarction.

"Hospitals were once required to perform a certain number of autopsies for accreditation; they may just have to start again," observes Daniel McKeel, M.D., associate professor of pathology and director of the Division of Autopsy Pathology at WU.

McKeel hopes that the nationwide study, as well as the establishment of a national autopsy policy by the National Academy of Science's Institute of Medicine, will reverse the decline of autopsies performed in the United States.

In the WU Medical Center, autopsies are usually requested by the attending physician to establish the cause of death, confirm clinical diagnosis, or for teaching purposes. Medicolegal autopsy cases in the St. Louis metropolitan area are victims of homicide, suicide or questionable deaths. By law, these cases are referred to the medical examiner's office.

McKeel says that family members rarely request autopsies, although in most instances, they permit the

autopsy to be performed when the physician requests it. Contrary to popular belief, McKeel explains that autopsies do not delay funeral arrangements, nor is the body disfigured so as to require a closed casket.

The WU Departments of Pathology and Neurology have developed a five-page document to educate and impress upon patient families, physicians and nurses, the vital role the autopsy plays in medical knowledge and in monitoring the quality of health care.

An increase in autopsies could lead to an increase in donor organs available for transplantation.

"Our proposed autopsy explanation should help alleviate any reservations families might have, and at the same time create the opportune moment to discuss organ donations," said McKeel.

Autopsies are of no expense to the deceased patient's family. Rather, the medical institutions assume the cost — a factor which, according to McKeel, contributes to the low autopsy rate nationwide. Although figures vary, autopsies at Barnes and Children's hospitals, sponsoring institutions of the WU Medical Center, cost roughly \$2,000. The procedure does not produce income for either the hospital or pathologist.

"Barnes and Children's have been tremendous in supporting the need for autopsies," McKeel commented. "Our current rate is 33 percent, as compared to the national average of 15 percent. Since 1910, WU has performed over 34,500 autopsies."

Unbeknownst to passers-by traveling Interstate 44 near the wooded hills of Eureka, bunkers lie stocked with anatomical material. Wet tissue samples of the nervous system, brain, spine, skin, muscles and various organs, have been

chemically fixed and preserved in bottles and stored in the bunkers at Tyson Research Center for the Department of Pathology.

"We're probably one of the few medical centers to have such a supply of human tissue," said McKeel. "The supply is actively used by University investigators. The Department of Neurology routinely requests fixed tissues of Parkinson's Disease or amyotrophic lateral sclerosis (ALS), more commonly known as Lou Gehrig's disease."

"Our current goal is to computerize our autopsy records, including those dating back to 1910," said McKeel. With the help of a local computer company, he has adapted programs that will code any disease, procedure or etiology. "The medical center is fortunate to have multiple computers linked together through one main network that our micro-computer network can tie into," said McKeel. "WU investigators will be able to obtain a list of autopsy cases that pertain to their own area of study. For instance, a physician could run a search of all autopsied patients who died of diabetes in the last 10 years."

The College of American Pathologists also is developing a computerized National Autopsy Data Bank, which will provide a central repository of pathological, biomedical, demographic and epidemiologic information. McKeel hopes to feed his autopsy codes into the bank.

The WU pathology department uses one coding system, whereas the hospitals it serves — Barnes and Chil-

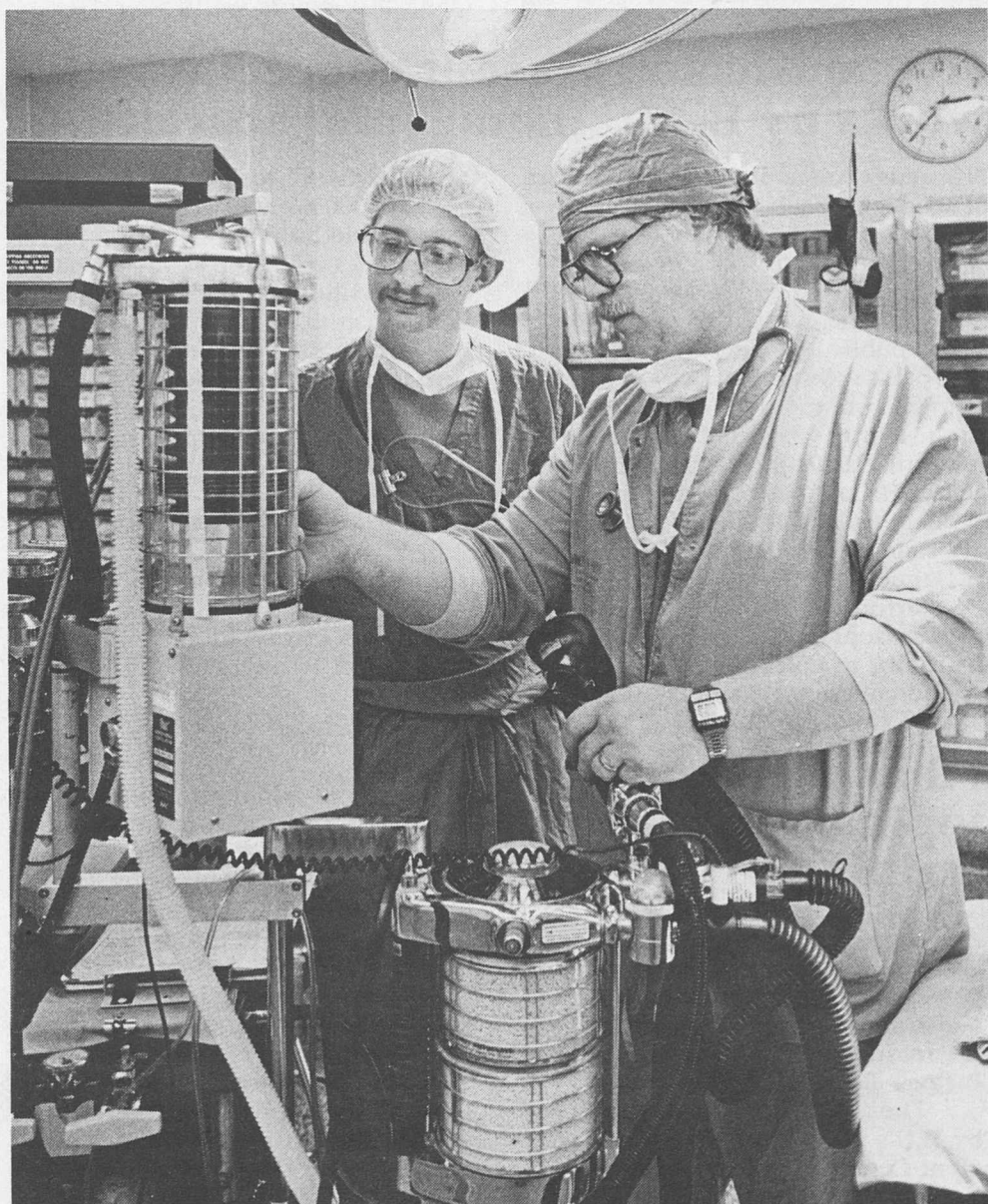
dren's — use another. McKeel's proposed system will cross index the School of Medicine's SNOMED (Standard Nomenclature of Medicine) diagnosis system with the hospitals' medical record system, ICD-9-CM (International Classification of Diseases — version 9 — Clinical Modification).

"Our program is especially unique in that we will be able to make comparisons between clinical diagnoses and autopsy diagnoses," McKeel explained.

As revealed in studies, the autopsy can act as a quality control device in cases where the primary disease has been diagnosed before death. Conditions that may have been important, but were either clinically inapparent or obscured by the most prominent disease, can be detected at autopsy. The procedure also monitors the accuracy of diagnostic test interpretations and measures the efficacy and toxicity of medications. Without an autopsy, contagious diseases may go undiagnosed, new and important diseases of environmental origin may go unrecognized, and medical progress may be impeded.

McKeel maintains that a nationwide increase in autopsies can significantly improve medical knowledge and greatly benefit the living. He recalls a case two years ago in which a seven-month-old child's autopsy revealed the presence of cystic fibrosis. Until that time, neither parent was aware that they were carriers of the congenital disease. The couple subsequently received genetic counseling.

Betsy McDonald



**The Graduates:** Don Flacke (right), CRNA, assistant to the chief nurse anesthetist at Barnes Hospital and instructor in WU's School of Nurse Anesthesia Program, and Rick Ihms, R.N., B.S.N., prepare anesthesia equipment for surgical case. Ihms was one of 16 nurse anesthesia students to graduate March 29 from the WU School of Nurse Anesthesia Program. This was the first year WU graduated students in the program. The program had formerly been under Barnes Hospital's administration. More information on the two-year program is available by calling 362-1346. Nurse Anesthetist Week will be observed nationally April 21-27.





**Match Day:** Fourth year WU medical students found their perfect match on March 13. That was the day they opened magic envelopes that informed them where they would be spending the next three to four years of their lives. Students are matched by computers to their choice of hospital and residency training. This year 119 seniors from a total of 132 members of the Class of 1985 participated in the matching program. Over half of the students were matched to their first choice.

## April 21-27 highlights organ, tissue shortage

National Organ and Tissue Donation Awareness Week has been declared April 21-27 to highlight the critical shortage of organs and tissues available for transplantation. Barbara Bush, wife of Vice President George Bush, will serve as honorary chairperson for the week.

The St. Louis Regional Transplant Association will provide information on organ donations at local shopping centers and at hospitals throughout the area, including Barnes Hospital in the WU Medical Center.

Each year many Americans get a chance to enjoy longer, healthier lives because of heart, kidney, pancreas, liver, cornea, bone and bone marrow transplants. Most of those procedures are offered at WU Medical Center. With the introduction of liver transplants late this summer, WU Medical Center will offer more transplant services than any other medical center in this region.

At Barnes Hospital, a total of 41 kidney transplants were performed in 1984 (15 living related donors, 26 cadaver donors) under the direction of Charles B. Anderson, M.D., professor and chief of the Division of General Surgery. Geoffrey Herzig, M.D., associate professor of medicine and director of the Bone Marrow Transplant Unit at Barnes Hospital, reports that approximately 55 bone marrow transplants are performed there yearly. In other specialties, Lawrence Kreigshauser, M.D., assistant professor of orthopedic surgery, is developing and expanding a long bone retrieval program to begin long bone transplants. Orthopedic surgeons at WU Medical Center are currently inserting bone plugs — small bone parts — for some procedures.

Approximately 100 corneal transplants are performed yearly through the efforts of the St. Louis Eye Bank, directed by Stephen Waltman, M.D., professor of ophthalmology. Since Jan. 1, 1985, two successful heart transplants have been performed by R. Morton Bolman III, M.D., assistant professor of surgery and director of cardiac transplant services at Barnes Hospital.

"Improvements in organ preservation methods, surgical techniques and anti-rejection drugs have dramatically increased the chance for successful transplants," explains Jacqueline Elkin, R.N., transplant coordinator for the WU Department of Surgery. "Unfortunately, there are more people who could benefit from the transplant of kidney, liver, heart, cornea or pancreas than there are available organs."

In the St. Louis area alone, more than 800 people are on dialysis, and many of them could benefit from a kidney transplant, Elkin says. Other vital organs such as hearts, livers and pancreata are urgently needed. The number of persons waiting for transplantation of tissues such as corneas, bone and skin — all of which can greatly enhance the quality of life for those in need — also greatly exceeds the available supply.

The life expectancy of patients requiring a liver or heart transplant is measured in weeks or a few months. "Some centers report that one-third to one-half of patients waiting for a vital organ transplant die before an organ is available," says Elkin.

The effectiveness of organ donation programs is enhanced when staff physicians and nurses help identify and refer donors to local transplant teams.

Studies have indicated that in hospital deaths, two percent or less are suitable cadaver donors. Only 30 percent of kidney transplants are from a living family donor, often because tissue types and other illnesses prevent family members from donating. As Elkin points out, there is a real need to increase the number of people who donate organs upon their death.

Anyone 18 years of age or older may make the decision to become an organ donor, and minors may become donors with the consent of

parents or guardians. Persons can indicate their desire to be a donor by signing a Uniform Donor Card, such as the one found on the back of their driver's license. But most importantly, stresses Elkin, they should discuss their decision to be a donor with family members to ensure their wishes are carried out.

More information on organ donations is available from the Regional Transplant Association, 222 S. Central Avenue, Suite 803, St. Louis, Mo 63105, or by calling Elkin at 362-6407.

## Two neuroscientists receive Sloan and Klingenstein fellowships

Two young neuroscientists at WU School of Medicine have received prestigious foundation fellowships to support their research.

Paul Taghert, Ph.D., assistant professor of anatomy and neurobiology, has been named a Sloan Research Fellow by the Alfred P. Sloan Foundation; and Lawrence Salkoff, Ph.D., assistant professor of neurobiology, has been named a Klingenstein Fellow in the Neurosciences by the Esther A. and Joseph Klingenstein Fund, Inc.

Since 1955, the Sloan Foundation has awarded over \$42 million to more than 2,000 young researchers of extraordinary promise. The fellowships were established as a means of encouraging basic research by young scholars at a time in their careers when their creative powers are often most acute and when other support is difficult to obtain.

This year, 90 winners were selected from among 400 nominations by a committee of recognized scientists and economists including Gerald D. Fischbach, M.D., Edison Professor of Neurobiology and head of the Department of Anatomy and Neurobiology at WU. Each fellow will receive \$25,000.

Taghert, using the simple nervous system of insects, is trying to isolate genes of neuropeptides, substances made by nerve cells. He is studying how the nervous system makes neuropeptides and how they act on other cells, as well as the regulation over expression of these substances.

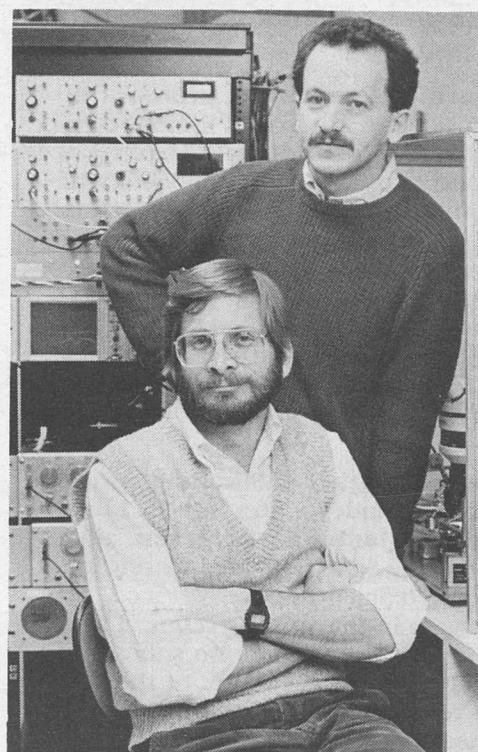
Taghert received his bachelor's degree from Reed College in 1975, and a doctorate in zoology from the University of Washington-Seattle in 1981.

Salkoff, one of six junior investigators to be named a 1985 Klingenstein Fellow, will receive \$100,000 to pursue his research.

Klingenstein awards are given to encourage both clinical and basic science investigators to engage in research that may lead to a better understanding of the cause, treatment and prevention of epilepsy.

Salkoff's research involves the use of fruit flies with genetic mutations affecting the nervous system to investigate the molecular properties of membrane ion channels. Ion channels, the "transistors of the brain," are responsible for the electric excitability in the nervous system.

Salkoff received his bachelor's degree from the University of California-Los Angeles in 1967, and his doctorate in genetics from the University of California-Berkeley in 1979. He completed postdoctoral training in biology at Yale University.



Paul Taghert (standing), Ph.D., and Lawrence Salkoff, Ph.D.

## Telecommunications urges employees to check calls

The WU Medical Center telecommunications office has reported a number of incorrectly forwarded phone calls.

To avoid confusion, all medical center employees are urged to check the number they have dialed when using the call forwarding feature. This will ensure that calls will be forwarded to the correct number, reducing the number of phone calls that are lost and avoiding frustration for those receiving the incorrectly forwarded calls.

## Barnes Hospital needs volunteers at information desks

Barnes Hospital in the WU Medical Center needs permanent volunteers to staff its patient information desks. Duties include directing visitors, answering phones and giving information to outside callers. A minimum of two hours per week is required. Shifts available are 10 a.m. to noon, or 6 to 8 p.m., Monday through Sunday.

Barnes is located one block north of the Highway 40/Kingshighway intersection. To volunteer, or for more information, call the Barnes volunteer office at 362-5326.



# NOTABLES

**Charles B. Anderson, M.D.**, professor and chief of the Division of General Surgery at WU, has been awarded a \$360,000 grant for transplant research from the National Institutes of Health. Anderson will use the three-year grant to study the importance of prostaglandins in rejection of kidney transplants. Prostaglandins are lipid compounds that are believed to control cellular functions throughout the body. Anderson believes they help regulate blood flow to the kidney during rejection episodes. His theory, if correct, could explain some of the mechanisms of organ transplant rejection and lead to improved results in clinical transplantation. **John D. Tyler**, transplant immunologist in the Division of General Surgery, will be a co-investigator on the project.

**Harold Blumenfeld**, professor of music, had his work "Rilke for Voice & Guitar" presented on March 2 at a concert of the American Society of University Composers in Columbia, Mo. The piece, a setting for German poet Maria Rainer Rilke's "Archaic Torso of Apollo" and two early poems, was performed by Judith Cline, soprano, and William Krause, guitar, both WU doctoral students in performance.

**Donna Burke**, publications specialist, and students **Stephen P. Litzinger** and **James K. Helgesen**, all from the School of Engineering and Applied Science, have received awards in the annual technical art and writing competition sponsored by the St. Louis chapter of the Society for Technical Communication. In the professional category, the engineering school's *Information Bulletin* took an Award of Achievement. Burke, of the Engineering Publications and Illustration group, served as graphic designer of the *Bulletin* and WU's Photo Services provided some photographs. In the student category, Litzinger won an Award of Excellence, the highest given to any student work, for his report, titled "Proposal for Removal of Asbestos Ceiling and Boiler Insulation in Greenville Elementary School." Helgesen received an Award of Achievement for his manual, "Standard Paint Color Testing Procedure at Precoat Metals Corporation." Both students' documents were their final assignments for "Technical Writing 310," a course offered by the Department of Engineering and Policy.

**John R. Corporon**, assistant director of admissions, attended a policy conference of the National Association of College Admissions Counselors (NACAC) held March 4-6 in Washington, D.C. NACAC is composed of state and regional organizations. Corporon is a past president of Missouri Association of the College Admissions Counselors (MOACAC) and currently chairs MOACAC's Legislative and Professional Concerns Committee. While at the conference, delegates visited congressional offices to address the importance of federal financial aids in sustaining and enhancing the access and choice of high school students in their transition to post-secondary education.

**Harold Ellis**, associate professor of history, read a paper on "Boulainvilliers *Querelleur*: Ancients, Moderns, and the Writing of French History in the Early Eighteenth Century" at the annual meeting of the American Society for Eighteenth Century Studies, Boston, 1984.

**Rosario Espinal**, a doctoral candidate in the Department of Sociology, delivered a lecture, titled "The Dominican Republic Since Trujillo," in January at the Latin American Centre, St. Anthony's College, Oxford. Espinal currently is a guest researcher at the University of Stockholm and will return to WU at the end of the spring semester.

**Catherine Fey**, assistant professor of Spanish, attended a Dartmouth Method Workshop in Hanover, N.H., in January. The workshop began with Fey's report on the structure of the modified Dartmouth Model in WU's Department of Romance Languages and Literatures.

**William H. Gass**, David May Distinguished University Professor in the Humanities, has been elected president of Big River Association, a non-profit arts corporation which sponsors the River Styx at Duff's Poetry Series and the River Styx P.M. Series. **Carter Revard**, professor of English, has been elected secretary of the organization. Revard is the author of numerous critical studies and poetry volumes, including *Ponca War Dancers*. He serves on the Modern Language Association Commission on Literatures and Languages of America. Gass will present a reading of his works at 8 p.m. Monday, April 1, at Duff's restaurant in the Central West End. Poet Carol Pierman and the St. Louis Conservatory Contemporary Ensemble also will perform. *Habitations of the Word*, a collection of 12 essays by Gass, recently was published by Simon and Schuster.

**Joseph R. Herkert**, a doctoral candidate in the Department of Engineering and Policy, presented a lecture March 1 in the Liberal Arts Seminar Series at St. Louis Community College at Meramec. Herkert's topic was "Energy Choices for the '90s: Policies and Implications for Employment."

**Derek Hirst**, associate professor of history, has published "That Sober Liberty: Marvell's Cromwell in 1654," in J.M. Wallace, ed., *The Golden and Brazen Age* (University of California Press, 1985).

**Bryce B. Hudgins**, professor of education has been named to a three-year term as a consulting editor of the *Journal of Educational Research*.

**Gerald Izenberg**, associate professor of history, has published "Ethics and Excuses: The Ethical Impact of Psychoanalysis," in A.L. Caplan and B. Jennings, eds., *Darwin, Marx and Freud: Their Influence on Moral Theory* (New York, Plenum Press, 1984).

**Louis G. Lange**, associate professor of medicine, has been appointed chief of the cardiology division at Jewish Hospital, a sponsoring institution of the WU Medical Center. Lange is widely recognized for his research on the metabolism of the heart. In his new post, which is effective June 1, Lange will direct a team of physicians, educators and researchers in the field of heart disease.

**Paul Michael Lutzeler**, chairperson of the German department and the Western European Studies Program, recently lectured on Goethe's *Faust* during an inter-disciplinary Faust symposium at St. Louis University. This semester he also will give lectures on intercultural aspects of exile literature studies during an international exile literature symposium at the University of New Hampshire; on the theory of literature and history at the University of Minnesota; on Heinrich Mann's ideas on Europe during an international symposium on Heinrich and Thomas Mann in the American exile in Luebeck, W. Germany; on the image of the United States in contemporary German fiction at the St. Louis Public Library; and on Hermann Broch as a critic of Fin de siècle culture at an international and interdisciplinary symposium on Vienna at the turn of the century in Vienna during the Wiener Festwochen.

**Mark Lyman**, lecturer in art, will exhibit some of his architectural ceramic works in a four-person show, titled "Clay Murals and Tiles," April 3-28 at the Timothy Burns Gallery, 393 N. Euclid Ave. Lyman's newest works emphasize abstract drawing and bold color moving through a grid work of square tiles. The other artists are Marylyn Dintenfuss of New Rochelle, N.Y., David Tell of Normal, Ill., and Mary Jo Bole of Cleveland, Ohio. The exhibit is in conjunction with the annual conference of the National Council on Education in the Ceramic Arts, April 3-6 at the Chase-Park Plaza Hotel. The conference is hosted by WU's School of Fine Arts.

**Max Okenfuss**, associate professor of history, has been named American editor and member of the editorial board of *Jahrbuecher fuer Geschichte Osteuropas*, an international journal dealing with Slavic Studies.

**Bernard D. Reams Jr.**, professor of law and director of the Law Library, had his doctoral dissertation recognized as "runner-up" (second place) by the Association for the Study of Higher Education (ASHE) for their Distinguished Dissertation Award 1984-85. Reams received a certificate and prize of books at the ASHE annual meeting held March 15-16 in Chicago. The dissertation, titled "Research Interactions Between Industry and Higher Education: An Examination of the Major Legal Issues in Four Representative Contracts," is being revised for publication. Reams is also co-author with Carol J. Gray, assistant law librarian, of a new text, *Human Experimentation: Federal Laws, Legislative Histories, Regulations and Related Documents*, recently published by Oceana Publications Inc. of Dobbs Ferry, N.Y.

**Alec N. Salt**, research assistant professor of otolaryngology, and **Ruediger Thalmann**, professor of otolaryngology, have received research grants from the Deafness Research Foundation. Salt was awarded \$9,964 for his project, "Functional Changes Underlying Noise-Induced Damage of the Cochlea." The project will use ion-specific microelectrodes to study changes in the ionic composition of cochlear fluids during noise exposure. Thalmann received \$9,957 for his project, "Interrelation between Cerebrospinal Fluid and Perilymph." His research will attempt to resolve the century-old question to what extent the fluids of the inner ear are related to the fluid bathing the brain and the spinal cord (cerebrospinal fluid), using certain amino acids as markers for the two types of fluid. Both grants are for a one-year period and are renewable for up to three years.

**Kim Strommen**, associate dean of the School Fine Arts, presented a slide lecture on the "St. Louis Art Scene" to the St. Louis Art Museum's Contemporary Art Society in October 1985. He currently is exhibiting his work in three shows during the St. Louis International Arts Festival, which runs through April 6: "Art St. Louis," in the *Globe-Democrat* building, 710 N. Tucker Blvd.; "Art and Architecture" at the Timothy Burns Gallery, 393 N. Euclid Ave.; and an outdoor installation in Forest Park, at the corner of Lindell and Kingshighway, sponsored by the Central West End Arts Association.

## Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected 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 encouraged. Send a brief note with your name, position, department and activity to Notables, Campus Box 1142. Please include a phone number where you can be reached.

## Romance languages department adds literatures to title

By a recent resolution, the Department of Romance Languages has changed its name to the Department of Romance Languages and Literatures, a designation which more accurately reflects its dual mission in the University.

Also, for the first time in the department's history a full-fledged program in Italian language and literature will begin to take shape next fall when an Italianist of professorial rank, Michael Sherberg, joins the staff. Sherberg, is completing his doctorate at the University of California at Los Angeles with a thesis on *Orlando Furioso*. He will offer an advanced course in English on Dante next fall. A supporting staff will be added to the department faculty to enable students to take a full range of courses in Italian.





**April dance:** The St. Louis Repertory Dancers, company-in-residence at WU, will present two weekends of concerts at Edison Theatre in a tribute to dance, which is being celebrated this month. Above, Jumay Chu, a featured soloist, will perform "Aubade" (translated "serenade at dawn"), a dance in "Facade II." "Facade" and the world premiere of "Facade II," theatrical collages of dance, music and poetry, will be presented April 12-14. A multimedia concert, titled "New Dance, New Music," will feature works choreographed by WU's dance faculty April 19-20. For ticket information, call Edison's box office at 889-6543.

## 'Mortgage burning' ceremony marks WU's acquisition of Tyson center

In 1963, the federal government conditionally conveyed 2,000 acres of property in West St. Louis County to WU. Today, after diligently complying with government requirements, WU officially has taken possession of the property, known as Tyson Research Center.

A "mortgage burning" ceremony was held Sunday, March 24, at Tyson, located near Eureka, Mo. Richard W. Coles, director of Tyson, performed the "ceremonial incineration" of a copy of the articles of conveyance.

Sol Elson, an alumnus of the WU School of Law who was instrumental in acquiring the property for the University, gave the principal address. Chancellor William H. Danforth and WU Board of Trustees Chairman W. L. Hadley Griffin also participated in celebrating the final conveyance.

The property, which includes 52 antiquated ammunition bunkers dating from World War II, was conveyed to WU in 1963. At that time, the government stipulated a number of uses and conditions on which the final conveyance was contingent. Among these were the submission of an extensive annual report and an agreement to establish and conduct programs on the site that would enhance education, facilitate the search for new knowledge and provide service to the community.

Coles says the government is satisfied that Tyson has fulfilled its obligation. In the last 22 years, more than 150 articles based on research done at Tyson have appeared in scientific journals.

Some 5,000 children from the St. Louis public school system have been brought to Tyson for classes designed to develop an awareness of their nat-

ural heritage. Numerous sculptures, prints, paintings and other artistic creations have been produced at Tyson by students and faculty from the School of Fine Arts.

Researchers from two dozen departments and programs at the School of Medicine have used Tyson's facilities, resulting in advances in medical research, diagnosis and therapy.

Other institutions of higher learning in the community have participated in cooperative research projects at Tyson. Space has been provided free of charge for the Wild Canid Survival and Research Center (the wolf sanctuary) and the Raptor Rehabilitation and Propagation Project (for birds of prey). Last year, 31,000 visitors enjoyed sanctuary and stillness in the Tyson woods.

"We're doing good things," said Coles. "We intend to keep going and growing, making contributions to society in terms of research, education and community service."

**Putnam**—*continued from p. 1*  
the highest scores for the school team. In all, 19 WU students took part in the exam.

Daniel Ropp, a WU freshmen in the College of Arts and Sciences, and winning-team member Walker received honorable mentions for placing among the top 35 individuals in the contest.

Harvard University took third place; Princeton University, fourth place; and Yale University, fifth place. Honorable mentions went to the California Institute of Technology; the University of California, Berkeley; the University of Chicago; Colorado State University; and Rose-Hulman Institute of Technology.

## Engineering Century Club honors alumni at meeting

The WU School of Engineering Century Club honored three of its alumni at its annual dinner meeting April 3 at the Marriott Hotel, Dean James M. McKelvey announced.

They are Michael M. McCarthy, chairman of the board of McCarthy, a building firm with operations both in this country and abroad; Stifel W. Jens, a retired partner with Reitz and Jens Inc.; and Herbert M. Patton Jr., a retired vice president-management information systems for Brown Group Inc.

McCarthy was honored for "his dynamic leadership in the national and international construction industry;" Jens for "his distinguished career as a civil engineer;" and Patton for "his outstanding achievements in corporate leadership and community involvement."

McCarthy, who received his bachelor's degree in engineering science in 1962, is an executive board member of Mark Twain Bancshares. He is director of AMEDCO, a developer of retirement villages, and is past board chairman of ECHO, an abused children's home. From 1979 to 1982, he served on the School of Engineering Task Force of the Commission on the Future of Washington University.

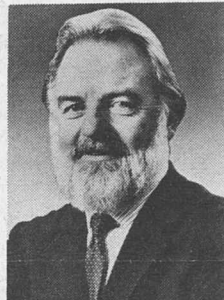
Jens is an internationally recognized consultant on water resources, and was awarded a Presidential Commendation in 1970 for his "many contributions to environmental excellence through his work in urban hydrology and engineering." He received both his bachelor's and master's degree in civil engineering from WU in 1932 and 1933 respectively, and was awarded an Alumni Citation at Founders Day in 1973.

From 1969 to 1970, Jens was president of the Engineers' Club of St. Louis, and received several

honors from the club. He also has received awards of appreciation from the Engineering Foundation, the American Society for Testing and Materials and the National Highway Institute.

Patton, who served 37 years with the Brown Group Inc., is an active alumnus who most recently served as a member of the school's Task Force of the Commission on the Future of Washington University.

Patton, who received his bachelor's degree in industrial engineering in 1938, is a registered professional engineer in Missouri and a member of the American Society of Testing and Materials and the Construction Users Council. He has been a member of the Webster Groves Redevelopment Corporation, the Technical Committee of the Regional Commerce and Growth Association and the Camping Committee for the YMCA. In addition, he served as a commissioner on land clearance and rehabilitation for Webster Groves.



Honored engineering alumni (above, left to right): Stifel W. Jens and Michael McCarthy; (left) Herbert M. Patton Jr.

## Nature editor delivers lecture

John Maddox, editor of the scientific journal *Nature*, will deliver the Ferguson Lecture at 11 a.m. Wednesday, April 10, in Graham Chapel. His talk, titled "What is science for?" is free and open to the public.

Maddox has lectured in theoretical physics at Manchester University. He also has served as a member of the Royal Academy on Environmental Pollution and currently is chairman of the Council of Queen Elizabeth College, London University.

Maddox served as editor of *Nature* from 1966 to 1973. He resumed the position again in 1980.

Maddox's works include *Revolution in Biology*, *The Domesday Syndrome* and *Beyond the Energy Crisis*.

"The Ferguson Lecture gives us the freedom to choose anyone in the world," said Michael Friedlander, WU professor of physics. "We attempt to provide a speaker who will stimulate public interest and awareness. *Nature* occupies a highly prestigious standing among scientific journals and Maddox is an editor who takes positions and defends them."

His lecture is sponsored by Phi Beta Kappa, Sigma Xi and an endowment made in 1961 by the late William C. Ferguson. The former president of Presstite Engineering Co. of St. Louis, Ferguson provided in his will for an annual lecture on any scientific topic but the military uses of atomic energy.

## Fine arts lecture held in memory of Frankenstein

Mr. and Mrs. Ben Glassman and Mrs. Ferdinand Isserman have established an annual lecture in memory of Alfred V. Frankenstein, the late San Francisco art critic and art historian.

The first lecturer was Richard L. Loveless, professor in the Center for Innovative Technology for Education Futures at the University of South Florida. His talk, March 28 in Steinberg Auditorium, was on "The Electric Media Conspiracy: Myths, Models and Metaphors for Learning Through Art." He also presented a workshop on March 30 at WU.



# CALENDAR

April 4-13

## LECTURES

### Thursday, April 4

9:30 a.m. Annual Carl G. Harford Visiting Professor of Infectious Diseases Lecture, "Fever Past and Present," Elisha Atkins, prof. of medicine, Dept. of Internal Medicine, Yale U. Clopton Aud. (Basement, Wohl Clinic Bldg.)

2:30 p.m. Dept. of Mechanical Engineering Seminar, "Derivation of the Hopf Bifurcation Formula Using Lindstedt's Perturbation Method and MACSYMA," Richard H. Rand, prof. of theoretical and applied mechanics, Cornell U. 100 Cupples II.

4 p.m. Public Affairs Thursday Lecture, "Crime, Time and Demography," Carol Kohfeld, assoc. prof. of political science and fellow in the Center for Metropolitan Studies, UMSL. Sponsored by the Center for the Study of Public Affairs. Eliot 200 C & D.

4 p.m. Dept. of Chemistry Seminar, "Pico-second Studies of the Primary Electron Transfer Reactions in Bacterial Photosynthesis," Dewey Holten, WU asst. prof. of chemistry. 311 McMillen.

4 p.m. Dept. of Philosophy Lecture, "How Important Is the Indeterminacy of Action?" David Henderson, WU graduate student in philosophy. Lambert Lounge, Mallinckrodt.

4 p.m. Dept. of Germanic Languages and Literatures Lecture, "Weisse Flecke in der Literaturproduktion und — kritik," Thomas Beckermann, publisher, S. Fischer Verlag, Frankfurt, West Germany. Hurst Lounge, Duncker Hall.

7 p.m. Martin Luther King Jr. Symposium Commemorative Candlelight Vigil with Robert Watson, adjunct prof. of history at UMSL, as the speaker. Procession proceeds from Wohl Center to Bowles Plaza.

### Friday, April 5

4 p.m. The 16th Annual Evarts A. Graham Visiting Professor of Surgery Lecture, "Liver Transplantation," Thomas E. Starzl, prof. of surgery, U. of Pittsburgh School of Medicine. West Pavilion Aud.

4 p.m. Martin Luther King Jr. Symposium Panel Discussion, "Students' Role in Civil Rights Movement — Past and Present." Lambert Lounge, Mallinckrodt Center.

### Saturday, April 6

9 a.m. The 16th Annual Evarts A. Graham Visiting Professor of Surgery Lecture, "The Development of Immunosuppression," Thomas E. Starzl, prof. of surgery, U. of Pittsburgh School of Medicine. East Pavilion Aud.

### Monday, April 8

4 p.m. Dept. of Anthropology Colloquium, "Reproductive Parameters and Brain Development in Primates," R. D. Martin, dept. of anthropology, U. of London. Also sponsored by the Departments of Anatomy and Neurobiology, Biology and the Primate Biology Program. 928 McDonnell Sciences Bldg.

4 p.m. Center for Political Economy Undergraduate Lecture, "The Political Economy of Policies to Promote Technological Competitiveness: Lessons From Other Programs," Roger Noll, prof. of economics, California Institute of Technology, 200 Eliot.

8 p.m. School of Architecture Lecture, "Irascible Comments on Berlin," Colin Rowe, prof. of architecture at Cornell U. Steinberg Aud.

8 p.m. Dept. of Germanic Languages and Literatures Lecture, "Readings From His Book *The Love Beetle*," Peter ten Hoopen, Dutch author and writer-in-residence at the U. of Mich.-Ann Arbor. Hurst Lounge, Duncker Hall.

### Wednesday, April 10

11 a.m. Ferguson Lecture, "What is science for?" John Maddox, editor of *Nature*. Also sponsored by Phi Beta Kappa/Sigma XI. Graham Chapel.

Noon. The Left Forum, "The Politics of AIDS," Kenneth W. Payne, visiting asst. prof. of anthropology at WU. Lambert Lounge, Mallinckrodt.

3 p.m. Center for Political Economy Faculty-Graduate Lecture, "The Electoral Connection to Intertemporal Policy Evaluation by a Legislator," Roger Noll, prof. of economics, California Institute of Technology. 300 Eliot.

4 p.m. Dept. of Physics Colloquium, "Is Biology a Part of Physics?" John Maddox, editor of *Nature*. 201 Crow

8 p.m. Dept. of English Lecture, "On Translation," James Merrill, visiting Hurst professor at WU. Hurst Lounge, Duncker Hall.

### Thursday, April 11

Noon. Bag It Lunch Series, "Guided Tour of the New Athletic Complex" by John Schael, WU dir. of athletics. Assemble in the lobby of the new complex. Sponsored by the Non-Academic Personnel Advisory Committee.

1:10 p.m. George Warren Brown School of Social Work Colloquium, "How a Social Worker Initiated a Program for the Disabled," Ronda O'Farrell, executive dir., Project START. Brown Hall Lounge.

4 p.m. Dept. of Chemistry Seminar, "Synthesis Inspired by Theory, and Vice Versa," J. A. Berson, prof. of chemistry at Yale U. 311 McMillen.

4 p.m. Dept. of Psychology Colloquium, "Fact and Fiction About Behavior Therapy," Joseph Wolpe, Eastern Pennsylvania Psychiatric Institute, Temple U. Also sponsored by PSI CHI. 11 Brown.

4:30 p.m. Dept. of Mathematics Colloquium, "Estimates of Harmonic Measures and Their Application," Makoto Sakai, prof. of mathematics at Tokyo Metropolitan U. 199 Cupples I.

### Friday, April 12

2:30 p.m. Dept. of Engineering and Policy Seminar, "A Recent Experience in the Central African Republic: A Farm Mechanization Project," David Adolph, WU doctoral candidate. 104 Lopata.

3:30-5 p.m. WU School of Medicine Division of Biostatistics Seminar on EM-Algorithm with Stanley Sawyer, prof. of mathematics at WU (Also April 19, 26 and May 3, same time.) Alumni Room, Health Administration Program, 700 South Euclid Ave.

4 p.m. Dept. of Music Lecture, "Music and Society: The Spirit of an Epoch," Hans Tischler, Indiana U. Blewett B-8.

6 and 8:30 p.m. WU Association Film Lecture, "Vancouver, Isle of Wonder," Tom Sterling, filmmaker. Graham Chapel. For ticket info., call 889-5122.

## MUSIC

### Friday, April 5

5 p.m. Dept. of Music Electronic Music Concert. Tietjens Rehearsal Hall.

### Saturday, April 6

3 p.m. Dept. of Music Graduate Piano Recital with Lana Turner. Graham Chapel.

### Wednesday, April 10

11:15 a.m. Dept. of Music Student Recitals. Tietjens Rehearsal Hall.

8 p.m. Dept. of Music Visiting Artist Recital with Drew Minter, visiting artist, and Christine Armistead, singer. Steinberg Aud.

## PERFORMANCES

### Friday, April 5

8 p.m. Holy Roman Repertory Company presents "Life and Opinions of Samuel Pepys" at the Drama Studio, 208 Mallinckrodt. These productions, presented as ancient broadcasts, are performed in the Drama Studio and aired on KWMU-FM. (Also Sat., April 6, 2 and 8 p.m., Drama Studio.) Admission is \$5. Two-for-one discounts are available to KWMU Studio Set members and all students. For more info., call the Edison Theatre box office at 889-6543.

### Friday, April 12

8 p.m. St. Louis Repertory Dancers and Dance St. Louis present **FACADE I and FACADE II** at Edison Theatre. (Also Sat., April 13, and Sun., April 14, same time, Edison.) General admission is \$10; WU faculty, staff and area students \$7; and WU students \$6 for both "FACADE" and "New Dance, New Music" (April 19-20) concerts. For single concerts, the tickets are \$8, \$5 and \$4 respectively. For more info., call the Edison Theatre box office at 889-6543.

## EXHIBITIONS

"National Council of Education for the Ceramic Arts (NCECA) Student Show: Clay/Glass." Through April 6. Bixby Gallery, Bixby Hall. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

"James Merrill, Poet." Through June 28. Olin Lib., Special Collections, level 5. 8:30 a.m.-5 p.m. weekdays.

"Bach and Handel: Masters of the Baroque." Through April 15. Olin Lib., level 3. Regular library hours.

"Architectural Ceramics — Eight Concepts." Through April 28. Gallery of Art, upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For evening hours, call 889-5490.

Joseph Pennell: Influences and Associates." April 7-June 2. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For evening hours, call 889-5490.

## FILMS

### Thursday, April 4

7 and 9 p.m. WU Filmboard Series, "Persona." \$2. Brown Hall.

### Friday, April 5

7:30 and 9:45 p.m. WU Filmboard Series, "Purple Rain." \$2. Brown Hall. (Also Sat., April 6, same times, and Sun., April 7, 2 p.m., Brown.)

Midnight. WU Filmboard Series, "Heavy Metal." \$1.50. Brown Hall. (Also Sat., April 6, same time, and Sun., April 7, at 4:15 p.m., Brown.)

### Monday, April 8

7 p.m. WU Filmboard Series Double Feature, "Rebecca," and at 9:30 p.m. "Foreign Correspondent." \$3. Brown Hall. (Also Tues., April 9, same times, Brown.)

### Wednesday, April 10

7 and 9 p.m. WU Filmboard Series, "Garden of Delights." \$2. Brown Hall. (Also Thurs., April 11, same times, Brown.)

### Friday, April 12

7 and 9:30 p.m. WU Filmboard Series, "The Natural." \$2. Brown Hall. (Also Sat., April 13, same times, and Sun., April 14, 2 p.m., Brown.)

Midnight. WU Filmboard Series, "Taxi Driver." \$1.50. Brown Hall. (Also Sat., April 13, same time, and Sun., April 14, 4:30 p.m., Brown.)

## SPORTS

### Thursday, April 4

3 p.m. Men's Tennis, WU vs. U. of Mo.-Rolla. WU Tennis Courts.

### Saturday, April 6

1 p.m. Baseball Doubleheader, WU vs. Augustana College. Kelly Field.

### Tuesday, April 9

2 p.m. Baseball Doubleheader, WU vs. Elmhurst College. Kelly Field.

### Wednesday, April 10

3 p.m. Men's Tennis, WU vs. St. Louis U. WU Tennis Courts.

### Friday, April 12

3 p.m. Men's Tennis, WU vs. U. of Mo.-Kansas City. WU Tennis Courts.

### Saturday, April 13

9 a.m. Men's Tennis, WU vs. Lewis and Clark Junior College. WU Tennis Courts.

## MISCELLANY

### Friday, April 5

7:30 p.m. Inter-Varsity Christian Fellowship Meeting, "What Is Good About Good Friday?" Wohl West Dining Room.

8 p.m. Dept. of English Poetry Reading with Josephine Jacobsen, poet. Hurst Lounge, Duncker Hall.

### Sunday, April 7

6:30 a.m. Inter-Varsity Christian Fellowship Easter Sunrise Service. Art Hill, just east of the Art Museum in Forest Park. If rain, service will be at Memorial Presbyterian Church, 201 S. Skinner.

### Monday, April 8

9-11 a.m. Personal Computing Education Center Short Course, "130 Using Microcomputers," Karen Sanders, computer specialist. (Also April 9-12, same time.) Free to WU community. For location and to register, call 889-5813.

### Friday, April 12

7:30 p.m. Inter-Varsity Christian Fellowship Meeting, "Who is the Holy Spirit?" Wohl West Dining Room.

### Saturday, April 13

11 a.m. Family Activities Section of the Woman's Club will have a bring-your-own picnic and hike through the wild flowers at the Arboretum, Gray Summit, Mo. For more info., call either Lorraine Gnecco, 721-1619, or Mary Wilson, 962-1490.

## Calendar Deadline

The deadline to submit items for the April 25-May 4 calendar of the *Washington University Record* is April 11. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1142.



Peter Dean, an internationally acclaimed painter based in New York City, has been the Louis D. Beaumont Visiting Professor since early March in the fine arts school. He has taught several classes here on "1,001 Ways to Destroy Academic Drawing"; the last lecture will be from 7 to 9 p.m. Wednesday, April 3, in 300 Bixby Hall.