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 65th 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, physics and chemistry from Charlottesville, Va.; and Douglas 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 $5,000 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. Ship, in 1985.

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, WIU 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 team coaches must designate the three students they think will have the best chance of success. The competition is open to all collegiate undergraduates and each school may enter as many contestants as it wishes. However, the team coaches must designate the three students they think will have the best chance of success.

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 $500 million fund-raising campaign, which was announced in 1985. The total being sought for the business school is $51 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.

It was also a venture chairman of Mark Twain Banchsare 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 belief in having a distinguished business school at the University and 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 $290.3 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.
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 Grasselli, area actor; and Hollis Huston, co-director of 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 a meaningful source by theatre, musical and social historians."

Musical selections will be featured by composers Henry Lawes, Henry Purcell, Nicholas Lanere, 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 his torical 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.2

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 9, on the grounds of the Stix International House, 6740 Fornuth 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 four eggs. For more information, call Diane Hasty, Stix International Office, at 889-5991 or 889-5170.

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 66-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. And although she cringes at the thought of buried shark bodies, she said, "If all else fails, I have this very tasty recipe for stew."

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

Although it may sound like Christopher is a bit out of her mind 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 Fullbright and a Melkonian 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.

"I like 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 vi- sion of the two of us coming back to St. Louis and opening a couscous restaurant."

"They may even serve cheesecake and erasers for dessert."
Erna Rice Eisendrath, WU associate professor emeritus of botany, 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. Eisen- drath earned her bachelor's degree in art history from Bryn Mawr in 1930, and a master's degree in botany from WU in 1938. She subsequently offered a position on the faculty.

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

After her official retirement in 1968, Mrs. Eisendrath continued to teach courses at WU on plant sys- tematics 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 Watson Study Society two days before she died.

The Missouri Botanical Garden, where she was a research associate, published her book, Missouri Wild- flowers of the St. Louis Area, in 1974.

Mrs. Eisendrath was a working member and strong supporter of many named 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. Eisen- drath Jr., was an assistant professor of art and archaeology at WU and was curator of the University’s art collection from 1960 to 1969 and first director of the new Gallery of Art from 1966 to 1968. He died in 1981.

Mrs. Eisendrath is survived by two daughters, Ann Caroline Den- ver and Ellen Post of Clayton; a son, Charles, of Ann Arbor, Mich.; a brother, Jonathan Rice of San Francis- co; and eight grandchildren.

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 Steinhein Auditorium, Becker Hall. Sponsored by the Department of Music, the event is free and open to the public.

Drew Minter, internationally ac- claimed countertenor, is the featured guest. Minter servicing from 1995 to 1997 as a visiting artist in the Department of Music. He last performed in St. Louis in February 1985. In 1996, the univer- sity staged the celebrated production of Handel’s “Orlando.”

Performers on WU’s music fac- ulty are soprano Christine Armistead, instructor in voice; and harpsichord- ist and conductor Nicholas McGegan.

Financial analysis
topic of hands-on training program

An intensive, hands-on training pro- gram in financial analysis for en- gineers, architects and closely-held construction firms will be held on Wednesday, April 24, at Musial & Billsker’s Restaurant.

The all-day seminar is sponsored by WU’s new Construction Manage- ment Center. It is designed for execu- tives of architecture and construction firms, 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 in- vestment and estate planning can be coordinated with corporate financial planning; and how to deal with mergers, acquisitions, and/or expansion.

Speakers will include Paul Ull- man, chairman of the board of Eidel- man, Ullman and Finger; Roger Krasnicki, vice president of Cen- terre Trust Company’s Closely-Held Properties Division and president of Centerre Safe Deposit Company; and Lawrence Brody, partner in Husch, Eppenberger, Donohue, Elson & Co., attorneys-at-law.

For reservations or more in- formation, call WU’s Construction Management Center at 889-6545.

French connection

WU students intern in Europe to learn international business

It started with notes on a paper nap- kin in a French restaurant. And be- fore you could say “I love Paris in the springtime,” WU and Center d’Échanges Internationaux (CEI) in Paris were launching the first Intern- ship Program in European Business for American students.

Linda Salamon, dean of WU’s College of Arts and Sciences, has traveled to France in June 1985 to in- spect the University’s Summer Lan- guage Institute, housed at the Château de la Herce, which is one of 13 centers owned by the Centre d’Échanges Internationaux (CEI).

James F. Jones Jr., chairman of the University’s Romance Languages and literatures department, in- troduced Salamon to Herve Dufresne, president of the CEI. Over lunch, they discovered they had similar ideas about American provincialism versus demands of international business.

Salamon and Jones had long rec- ognized the need for liberal arts stu- dents to know more about the world of business, where many of them would find careers after they grad- uated. They also realized that Ameri- can students no longer could have parochial views of the their country — they needed a more global per- spective if they were to be- come ac- tive participants in an increasingly in- dependent world economy.

Dufresne, who also is president- director general for Motorola’s Euro- tönek Automotive, had confronted a similar problem in Europe after World War II. "The goal was to help eliminate future wars between the two countries by increasing opportunities for under- standing between students in France and Germany.

Since that time, the group has pur- sued several study centers in Europe, including a villa on the Riviera, the Château de la Herce; 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 dis- cussed the potential involvement of WU in a European internship pro- gram, administered through the CEI, and the CEI was born.

“I usually don’t like business lunches,” Jones admitted later. “But this one was extremely rich in pos- sibilities. 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 multina- tional 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 Busi- ness and Public Administration — will spend their fall semester study- ing multinational business at the Ecole Européenne 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 in- tense. As they immerse themselves in French language study, they will re- ceive special instruction from EAP faculty in comparative European- American business techniques. They will focus on government relations with business, the global climate for personnel practices, conditions gov- erning fiscal policies and marketing, and doing business with the French.

The students will have a month off at Christmas to travel in Europe. During the second semester, they will put learning into practice by in- terning with a company in France. For some students, this intern- ship will serve as a minimal assistant to a mid-level manager, who also will act as a mentor to the student.

The interns will actively partici- pate in the company’s activities, in- cluding projects typically to be dealt with by the host country’s citizens. To culmi- nate their year abroad, they will work on a specific project for their assigned company, ideally in conjunction with a team of em- ployees.

For their efforts, the students will be graded by WU faculty, in con- junction with the internship director, and will earn 33 credit units.

A one-semester program in the London/Paris area is now 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 pro- gram because the students will see different lifestyles and modes of operation. Since she has been work- ing on the component program, she has had a mini-lesson in foreign methods. “A Frenchman re- cently 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 mark in industry,” 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 the business life in Europe. “I hope that they become generally at home in Eu- rope — that’s the ultimate, some might think,” she said, “but I also hope they can learn to function as citizens of the world.”

Regina Engelken
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 percent of the nation's autopsies, 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, observed 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 explains 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 opportunity 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 35 percent, as compared to the national average of 15 percent. Since 1910, WU has performed over 34,500 autopsies.”

Unbeknownst to passersby 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 of Missouri 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 microcomputer 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 Base, 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 Children’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 (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 apparent 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 cases. 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.
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., associate professor of medicine and director of the Bone Marrow Transplant Unit at Barnes Hospital, reports that approximately 5% bone marrow transplants are performed there yearly. In other specialties, Lawrence Kreighsaher, 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.

Studies have indicated that in hospital deaths, two percent or less are suitable cadaver donors. Only 50 percent of kidney transplants are from a living family donor, often because tissue types and other illnesses prevent family members from donating. As Elin points out, there is a real need to increase the number of people who donate organs upon 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 important, stresses Elin, 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 Elin 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 defects affecting the nervous system to investigate the molecular properties of membrane ion channels. Ion channels, he says, “are the transistors of the brain,” and 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.

Telecommunications urges employees to check calls

The WU Medical Center telecommunication 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.
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. The grant will fund studies of kidney function. Anderson will use the three-year grant to study the importance of prostaglandins in rejection episodes 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 is that prostaglandins 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, Missouri. The program included the poet Maria Rainer Rilke's "Archaic Torso of Apollo" and an early piano piece by Ferdinand Mendelssohn. The program 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, and writing competition sponsored Applied Science, have received grants from the School of Engineering and Policy. Burke received a grant for post-secondary education. Paul Michael Lutzeler, chairperson of the German department and the Western European Studies Program, recently lectured on Goethe's Faust during an interdisciplinary 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 role of literature and language at the University of Minnesota; on Heinrich Mann's ideas on Europe during an international symposium on Heinrich and Thomas Mann in the American Century; and 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 siecle culture at an international interdisciplinary symposium in Vienna at the turn of the century during the Wiener Festwochen.

Mark Lyman, lecturer in art, will exhibit some of his architectural and organic works in a four-person show, titled "Clay Murals and Tiles," April 3-28 at the Timothay Burns Gallery, 393 N. Euclid Ave. Lyman's newest works emphasize abstract drawing and bold medium moving through a grid work of square tiles. The other artists are Maryln Dintenzel of Normal, N.Y., David Fahrbuecher fuer Geschicte Osteuropas, and Mary Jo Bole of New Rochelle, N.Y.

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


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


Louis G. Lange, associate professor of otolaryngology, has been appointed chief of the cardiology division at Jewish Hospital, a sponsoring institution of the WU MU Center. Lange is widely recognized for his research on the metabolism of the human cochlea. His new post, which is effective June 1, 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 interdisciplinary 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 role of literature and language at the University of Minnesota; on Heinrich Mann's ideas on Europe during an international symposium on Heinrich and Thomas Mann in the American Century; and 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 siecle culture at an international interdisciplinary symposium in Vienna at the turn of the century during the Wiener Festwochen.

Mark Lyman, lecturer in art, will exhibit some of his architectural and organic works in a four-person show, titled "Clay Murals and Tiles," April 3-28 at the Timothay Burns Gallery, 393 N. Euclid Ave. Lyman's newest works emphasize abstract drawing and bold medium moving through a grid work of square tiles. The other artists are Maryln Dintenzel of Normal, N.Y., David Fahrbuecher fuer Geschicte Osteuropas, and Mary Jo Bole of New Rochelle, N.Y.

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


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Gerhard Izenberg, associate professor of history, has published "Ethics and Excuses: The Ethical Impact of Psychoanalysis," in A. S. Caplan and B. Jennings, eds., Dar-
April dance: The St. Louis Repertory Dancers, company-in-residence at WU, will present two weekends of concert at Edison Theatre in a tribute to dance, which is being celebrated this month. Above: Jimmy Chu, a featured soloist, will perform "Aubade" (translated "serenade at dawn"). Below: a lively scene from "Facade II." "Facade" and the world premiere of "Facade II." theatrical college 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. J. 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.

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The WU School of Engineering Cent- tury Club honored three of its alumni at an 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. Jen’s, a retired partner with Reitz and Jen’s 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.” Jen’s 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 AMEO, 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.

Jen’s 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, Jen’s 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 Pressy 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.

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’s works include Revolution in Biology, The Doomsday Syndrome and Beyond the Energy Crisis.

The Ferguson Lecture gives us the freedom to choose anywhere 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.”

Fine arts lecture held in memory of Frankenstein

Mr. and Mrs. Ben Glassman and Mrs. Ferdinand Isnerman 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 the Study of Modern and Contemporary Futures at the University of South Florida. His talk, March 28 in Steinberg Auditorium, was on “The Electronic Media Conspiracy: Myths, Models and Metaphors for Learning Through Art.” He also presented a workshop on March 30 at WU.

Honored engineering alumni (above, left to right): Stifel W. Jen’s and Michael McCarthy; (left) Herbert M. Patton Jr.
Thursday, April 4
9:30 a.m. Annual Carl G. Harford Visiting Professor Lecture Series, "Fever Past and Present," Elisha Atkins, prof., of medicine, Dept. of Internal Medicine, Yale U. C. Lynot. (Atwood, Wolfe Clinic Blg.)
2:30 p.m. Dept. of Mechanical Engineering Seminar Series, "The Derivation of the Hopfield Bifurcation Formula Using Lindquist's Perturbation Method and MACSYMA," Richard H. Rand, prof. of theoretical and applied mechanics, Cornell U. 100 Cupples II.

Friday, April 5
4 p.m. The 16th Annual Exvars A. Graham Visiting Professor of Surgery Lecture, "Liver Transplantation," Thomas E. Starzl, prof., of surgery, U. of Pittsburgh School of Medicine. East Pavilion Aud.

Saturday, April 6
9 a.m.-5 p.m. Saturday Art Market, "Handmade participant and open house at the new complex. Sponsored by the Non-Academic Personnel Advisory Committee.
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.
4:30 p.m. Dept. of Psychology Colloquium, "Estimates of Harmonic Measures and Their Application," Akihiko Sakai, prof. of mathematics at Tokyo Metropolitan U. 199 Cupples I.

Friday, April 11
2:30-5 p.m. Dept. of Engineering and Policy Colloquium, "From Molecular Machines to Artificial Cells," Karen Sanders, computer specialist. Bixby Hall. (Also April 9-12, same time.) Free to WU community. For location and to register, call 889-5145.

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 information, call either Lorraine Geronzi, 721-1659, or Mary Wilson, 962-1490.

Calendar Deadline
The deadline to submit items for the April 25-May 4 calendar of the 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 McCloy, calendar editor, Box 1142.