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, 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 $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. 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...
Radio theater does broadcast based on Samuel Pepys' diary

The Holy Roman Repertory Company (HRRC), St. Louis' professional radio theater, 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 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.

Charles 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.
2

Stix House student caretaker learns about world at home

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 peoples.

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. Actually, she comes through the thought of buried shark bodies, Whitefish. The man in her life is a for-}

tracy christopher

"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 Agnieszka Quinones introduced me to it. Really, it's delicious."
Erna Rice Eisendrath. WU associate professor emerita 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. 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 1936. 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 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 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 1964.

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 1964 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 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 Steinberg Auditorium in Saalburg Hall. Sponsored by the Department of Music, the event is free and open to the public.

Drew Minter, internationally ac-
terested in Bach and Handel. He
mmunist, who also will act as a confi-
nment, call WU's Construction

financial analyst

Financial analysis
topic of hands-on training program

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

The all-day seminar is sponsored by WU's new Construction Manage-
ment Center and attended by three na-
tionally recognized experts.

The program is designed for chief executive officers and/or controllers 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 Ulm-
man, chairman of the board of Eidel-
man, Ullman and Finger; Roger Krasnicky, vice president of Cen-
ter Trust Company's Closely-Held Properties Division and president of Center's Safe Deposit Company; and Lawrence Brody, partner in Husch, Eppenberger, Donohue, Ellison & Cornfeld, attorneys-at-law.

For reservations or more in-
formation, call WU's Construction Management Center at 889-6545.
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 stand 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 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, hopes that study findings 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 disqualified 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 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 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 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-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 inappropriate 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
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 these 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 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 Kreighshauser, 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.

The effectiveness of organ donation programs is enhanced when staff physicians and nurses help identify and refer donors to local transplant teams. 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, liver and skin — all of which can greatly enhance the quality of life for those in need — also greatly exceeds the available supply.

Elkin states that the 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.

Studies have indicated that in hospital deaths, two percent or less are suitable cadaver donors. Only 50 percent of kidney transplants are available 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 one found on the back of their driver's license. But most important- ly, 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 Neuroscience Sciences 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 $35,000.

Taghert, using the simple nerve system of insects, is trying to isolate genes of neuro peptides, substances made by nerve cells. He is studying how the nervous system makes neuro peptides 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.

April 21-27 highlights organ, tissue shortage

Two neuroscientists receive Sloan and Klingenstein fellowships

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/Kinghighway 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 support the studies of prostaglandins in rejection of kidney transplants. Prostaglandins are lipid compounds that are believed to control cellular function and are present 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, Missouri, for which the poet Maria Rainer Rilke's "Archaic Torsos of Apollo" and an early Rilke poem was performed by Judith Cline, soprano, and William Krause, guitar, both WU doctoral students in performance.

Donna Burke, publications specialist, and student 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 for the student category. Litzinger won an Award of Excellence, the highest given to any student. Helgesen proposed "Proposal for Removal of Asbestos Ceiling and Boiler Insulation in Greenlee Electrician School." Helgesen received an Award of Achievement for his manual, "Standard Paint Color Testing Procedure at Precott Metals Corporation." Both students' documentation of their work was praised for "Technical Writing Skills," 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 College Admissions Counselors (MOACAC) and currently chairs MOACAC's Legislation and Government Relations Committee. While at the conference, delegates visited congressional offices to address the effects of federal financial aids in sustaining and enhancing the access and choice of higher education for students from low-income post-secondary education.

Harold Ellis, associate professor of history, read a paper on "Boulainville and the Querelle d'Alaric: 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 at the University of Stockholm in January. His doctoral dissertation, "The Dominican Republic Since Trujillo," is being revised for publication. Espinal is currently 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 Stays and the early works of J.D. Salinger. His early poetry, "Ponca War Dancers," is published in 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 contemporary essays, has been 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 Arts Library Seminar Series at St. Louis Community College at Meramec. Herkert's topic was "Energy Choices for the 90s: Policies and Implications for Employment."


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


Louis G. Lange, associate professor of medicine, has been appointed chief of the cardiology division at Jewish Hospital, a sponsoring institute of the Western European Studies Program. Lange is widely recognized for his research on the metabolism of the heart and his new project, 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 interdisciplinary Faust Symposium at St. Louis University. This semester he also will give lectures on intercultural aspects of exile literary studies during an international exile literature symposium at the University of New Hampshire; on the theory of literature and art 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 at the University of North Carolina. He will conclude the image of the United States in contemporary German fiction at the St. Louis Public Library, and at the Mann Broch as a critic of Fin de siecle culture at an international interdisciplinary symposium in Vienna at the turn of the century during the Vienna Festival weekend.

Mark Lyman, lecturer in art, will exhibit some of his architectural and landscape 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 colors moving through a gridwork of square tiles. The other artists are Marilyn Dintenfass of New Rochelle, N.Y.; David Ruggiero, New York, and the American sculptor Robert Flood 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 und Osteuropa, 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" for his dissertation at the University of California at Los Angeles, 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 Conferences," is being revised for publication. Reams is also co-author with Carol J. Gray, assistant law librarian, of a forthcoming text, Human Experimentation: Federal Laws, Legislative Histories, Regulations and Related Documents, recently published by Oceana Publications Inc. of Dobbs Ferry, N.Y.

Alex N. Salt, research assistant professor of nursing, is conducting a two-year study of "Normal and Abnormal Development of the Human Female's Cervical Canal" under the auspices of the National Institute of Child Health and Human Development. Salt is funded at $99,900 for his study. "Functional Changes Underlying Noise-Induced Damage of the Cochlea." The project will use ion-specific microelectrodes to study changes in cochlear fluids during noise exposure. Thalmann received $99,957 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 fluids. 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 show, "Golden and Brazen Age," at the St. Louis Art Museum's Contemporary Art Society in October 1985. He is currently exhibiting his work in three shows during the St. Louis International Arts Festival, which runs through April 6. "Art of St. Louis," in the Globe-Democrat building, 710 N. Tucker Blvd., "Art and Architecture," at the Missouri Museum of Fine Arts, 710 N. Tucker Blvd., and an outdoor installation in Forest Park, at the Torso of Apollo" presented on March 2 at a concert of the American Society of University Composers in Columbia, Missouri, for which the poet Maria Rainer Rilke's "Archaic Torsos of Apollo" and two early poems, was performed by Judith Cline, soprano, and William Krause, guitar, both WU doctoral students in performance.

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 be offered. The course will begin following the next fall when an Italianist of professorial rank, Michael Sherberg, joins the staff. Sherberg, is completing his doctoral dissertation under the auspices of the National Institute of Italian Studies Program at the University of California at Los Angeles, 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 Conferences," is being revised for publication. Reams is also co-author with Carol J. Gray, assistant law librarian, of a forthcoming text, Human Experimentation: Federal Laws, Legislative Histories, Regulations and Related Documents, recently published by Oceana Publications Inc. of Dobbs Ferry, N.Y.
In 1965, the federal government conditionally conveyed 2,000 acres of property in West St. Louis County to\nWU. Today, after diligently complying with government requirements, WU officially has taken possession of\nthe 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 formal 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 natural 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 (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

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 is currently 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 anyone in the world," said Michael Friedlander, WU professor of physics. "I hope 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."

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; Stilf 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" and 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 "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 1979, 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 Presbytere University.

Patton, who received his bachelor's degree in industrial engineering in 1958, 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.
CALENDAR

LECTURES
Thursday, April 4
3:30 p.m. Center for Political Economy Faculty Graduate Lecture, "The Electoral Connection to Intertemporal Policy Evaluation by Legislators," Roger Noll, prof. of economics, California Institute of Technology. 300 Elcct.

Friday, April 5
2:30 p.m. Dept. of Physics Colloquium, "In Biophysics," John Maddox, editor of Nature. 210 Crew

Thursday, April 11

Friday, April 12
8 p.m. St. Louis Repertory Dancers and Dance St. Louis present FACADE II and FACADE I at Edison Theatre. (Also Sat., April 13, and Sun., April 14, same time, Edison.)

Monday, April 8
1-2 p.m. Anthropology Colloquium, "Prehistoric Parameters and Bean Development in Primates," R. D. Martin, prof. of anthropology, U. of London. Also sponsored by the Department of Anthropology. Tietjens Rehearsal Hall.

Friday, April 5
10 a.m.-5 p.m. weekdays. For evening hours, call 889-5122.

Friday, April 12
8 a.m. Men's Tennis, WU vs. U. of Missouri-Kansas City. WU Tennis Courts.

Saturday, April 13
9 a.m. Men's Tennis, WU vs. Lewis and Clark Junior College. WU Tennis Courts.

MISCELLANEOUS
Friday, April 5
7:30 p.m. Inter-Varsity Christian Fellowship Meeting, "What Is Good About Good Friday?" 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 wildflower meadows at the Arboretum, Gray Summit, Mo. For more info., call either Lorraine Gannon, 721-6749, or Mary Wilson, 962-1459.

Monday, April 8
9:11 a.m. Personal Computing Education Center Short Course, "110.1 Using Microcomputers," Karen Sanders, computer specialist. (Also Apr. 9-12, same time) Free to WU community. For location and to register, call 889-5416.

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 wildflower meadows at the Arboretum, Gray Summit, Mo. For more info., call either Lorraine Gannon, 721-6749, or Mary Wilson, 962-1459.

Calendar Deadline
The deadline to submit items for the April 25-May 4 calendar of the Washington U. student newspaper is April 11. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be published. 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 McEflroy, calendar editor, Box 1142.