Four faculty to be honored for outstanding service to students

WU will honor four of its faculty members at its 152nd Founders Day on Oct. 12, in the King Louis IX Ballroom of the Omni International Hotel at St. Louis Union Station.

The four, to be honored “for outstanding commitment to teaching and dedication to the intellectual and personal growth of students,” are Raymond E. Arvidson, professor of earth and planetary sciences; David Goldring, professor emeritus of pediatrics; Udo Kultermann, professor of architecture; and Daniel B. Shea Jr., professor of English.

Since being selected for a NASA Traineeship during graduate study at Brown University, Arvidson has been an important contributor to America’s continuing advances in the study of space and the planets. He chairs four national committees which will advise NASA on managing the voluminous streams of data that will become available in the 1990s.

Goldring, a leader in pediatric cardiology, directed the Division of Cardiology in the WU School of Medicine’s Department of Pediatrics for more than 30 years. He now serves as president of the medical school’s Faculty Council.

Kultermann, a prolific art and architectural historian, has written more than 25 books and hundreds of articles which have been translated into many languages. He is a recognized expert on Third World, especially Islamic, architecture.

A member of the WU English faculty since 1962, Shea has taught both undergraduate and graduate courses, including a seminar in the “Focus” program for freshmen. He served as chairman of the Department of English from 1978 to 1984.

He was chairman of the University’s Committee on Undergraduate Teaching and wrote the report submitted to the University Provost in 1982.

William McLinn, a former Congressional staff member and seminar-ian, will present “An Evening With Mark Twain” at the celebration which honors distinguished WU graduates and outstanding faculty. He began performing as Mark Twain in 1975 and, in the intervening years, has given more performances of Twain than all other impersonators, with the exception of Hal Holbrook.

Founders Day is sponsored by the WU Alumni Association. The event begins at 6 p.m. with cocktails, followed by dinner, the program and dancing.

Tickets are $35 a person. Reservations must be received by Friday, Oct. 4. For more information, call 889-5122.

Colonial North America, Middle East and Soviet Revolution topics of talks

Two historians and a journalist will present their perspectives on colonial North America, the Soviet Revolution and the Middle East in three Assembly Series lectures next week.

Historian Bernard Bailyn will speak on “History and the Creative Imagination,” at 11 a.m. Wednesday, Oct. 9, in Graham Chapel. U.S.-Soviet historian Richard Pipes will lecture at 4 p.m. Thursday, Oct. 10, in Graham Chapel on “Revolution and the Lawless Society: Russia in 1918.” Israeli journalist Meir Merhav will lecture at 4 p.m. Thursday, Oct. 10, in Steinberg Auditorium on “Another Path Toward Peace.” All three lectures are free and open to the public.

Bailyn is the author of The Ideological Origins of the American Revolution, which won the 1968 Pulitzer and Bancroft prizes. He is Adams University Professor at Harvard, where he has taught since 1949, and is a former president of the American Historical Association.

Bailyn will give a three-lecture series on “The Peopling of British North America” at 4 p.m. on Tuesdays in the Women’s Building Lounge. The first lecture, Oct. 15, is titled “Worlds in Motion.” The Oct. 22 lecture is “The Rings of Saturn,” and the Oct. 29 lecture is “A Domed-Day Book for the Periphery.” These lectures will discuss the effects of English, as well as on New England, which resulted from the colonization of the New World.

Bailyn is the 1985 Levin Visiting Professor in the Humanities. The professorship was established in 1977 by WU alumnus Tobias Lewin and his wife, the late Hortense Cohen Lewin, to support and enhance interest in the humanities.

Pipes, Frank B. Baird Professor of History at Harvard University, is former director of East European and Soviet Affairs for the National Security Council. He is an internationally respected Russian historian whose analysis of the Soviet system has made him controversial among both “hawks” and “doves.” His most recent book is Survival Is Not Enough. His books also include U.S.-Soviet Re-

Alumna receives alliance award

Anne Weir Mountjoy, native St. Louisan and San Diego civic and cultural leader, will receive the WU Alumni Alliance Award at the University’s 152nd Founders Day celebration to be held on Saturday, Oct. 12, in the King Louis IX Ballroom of the Omni International Hotel at St. Louis Union Station.

The award, presented by the Board of Trustees, is given to an individual who typifies the relationship between WU and its alumni who have helped build and sustain the University.

A 1934 graduate of the College of Arts and Sciences, she is the widow of Philip Mountjoy, M.D., an alumnus; and the mother of John Mountjoy, M.D., also an alumnus. Her husband and son represent the fourth and fifth consecutive generations of Mountjoy family to become physicians.

Over the years, she and her late husband explored many ways to show their gratitude and their continued interest and concern for the University and the Arts and Sciences. She has undertaken to establish an endowed chair in the humanities to ensure that quality teaching remains as important in the University’s future as it has been in its past.

Her civic and cultural interests have included president of the San Diego Symphony Women’s Committee and a member of the Symphony Association’s Board of Directors; president of the San Diego Medical Society Auxiliary and a term on the state board; area chairman and board member of Grossmont Community Hospital Auxiliary; and San Diego area director of The Country Club. She has been active in the Alumni Club of Pi Beta Phi, her sorority at WU.
Executive MBA students combine intensive schedules with travel

Thirty-eight businessmen and women from the St. Louis area companies went back to school this fall. But no single course or semester would satisfy this group of third Executive MBA class. In June of 1987, these mid-level managers and heads of their own companies will graduate with master in business administration degrees.

For 21 months, commitment to that goal will mean an average of 20 hours a week spent studying and attending classes on alternate Fridays and Saturdays while continuing their full-time jobs. Not for the faint-hearted, this regimen turns out managers better prepared to take on more responsibilities and promotions that will come to these candidates for upper ranks of management.

The class of '87 averages 37 years of age and is nearly one-fourth women. That compares with just three women in WU's first Executive MBA class, which graduated June 1, 1985, in a separate Commencement ceremony.

The class of '85 wasn't even in the Western Hemisphere for the University's main Commencement May 17. Finishing their last course, Management in a World Environment, the students went to Japan for a week. 'We want to study operation of businesses in countries where we think we can learn the most,' says C. William Emory, associate dean for the EMBA program in the business school. The second class also plans a Japanese trip as a finale to its studies next May.

Although some future EMBA classes may elect another country, the first group's itinerary set an envious pace. A briefing from U.S. Ambassador to Japan Mike Mansfield started off the schedule in Tokyo.

There were sessions at two American corporations doing business in Japan (Bank of America and Price-Waterhouse), a huge Japanese trading company (Marubeni), other Japanese companies with significant U.S. sales, and Nissan Motors and Dentsu, the world's largest advertising agency.

WU's program is with the American Chamber of Commerce in Japan, and representatives of the Ministry of International Trade and Industry External Trade Organization. The last afternoon was spent in a panel discussion on the country's unique business climate.

An overseas trip — to Japan or another country — isn't the only travel built into the program. At the end of the first year, each class goes to Washington, D.C. In a weeklong visit, Emory says the students get a crash course in 'understanding the processes of government, how laws are made, how influence is exerted, how administrative agencies are administered.' WU's participation in a consortium of universities that sponsor the 'Washington Campus' makes the program available to its EMBA students.

But the core of the EMBA experience is on WU's campus, where about 20 people teach the working students during the 21-month curriculum. Most are full-time, senior faculty members. 'We take advantage of business executives and visiting faculty from other universities, too,' says Emory.

Robert L. Virgil, dean of the business school, said, 'We take great satisfaction in the broad support that the St. Louis business community has given our program, the only one of its kind here. Our goal is to provide this area with the highest quality Executive MBA attainable.'

Cost of the program, which is fully accredited by the American Assembly of Collegiate Schools of Business, is usually paid by the employer. In some cases, the employer pays in proportion.

About 250 other students are pursuing regular MBA degrees at WU.

Carol Baskin
Desire for Hawaiian shorts led student to form company

Shortcut into business world

The duo’s "accidental" leap into the business world had modest beginnings. The first patterns for the shorts were cut from newspaper, and though they quickly graduated to cardboard. They sold five pairs of shorts the first week, while both worked at full-time jobs. Soon, demand for the multicolored sportswear skyrocketed. Krasnow says they hired a friend to do the sewing, aptly paying her "by the short." But the big breakthrough came at an Independence Day party when a friend who worked at an Oklahoma City clothing store told Krasnow her boss would love to purchase 350 pairs of the shorts to sell. The young entrepreneurs were pleasantly astonished and responded quickly to fill the clothing store order. "We hired three more women and a professional tailor right away," says Krasnow. "We were staying up until 3 a.m. cutting the fabric that our seamstresses sewed. Our bedrooms turned into real sweat shops.

At first, we were buying fabric retail in Oklahoma City, and then it got to the point where we were buying so much it became obvious we should be buying wholesale. At one point, we nearly cleaned out all the suitable material in Oklahoma City fabric stores," says Krasnow.

Goble eventually lost interest in the project. By the time Krasnow returned to the University last fall, he had sold almost 600 pairs of shorts. He brought 17 pairs to campus with him, and was startled when Famous Barr Co. talked with him about the possibility of buying 2,000 pairs.

"I thought long and hard about the Famous Barr prospect," says Krasnow. "But it would have meant opening my own small factory. Considering the fact that the shorts are a passing fad, I decided to bypass some cash, be glad for the experience I had gained, and get down to what I am here for — to go to school.

Krasnow hasn't completely thrown in his sportswear towel. Before spring break last year, he had his same tailor sew 450 pairs of shorts. He sold 100 pairs one day in Mallinckrodt Center to beach-bound spring breakers, and sold the other 350 pairs throughout the remainder of the semester.

When he returned to the University this fall, Krasnow brought 150 new pairs of his Hawaiian shorts with him, but along with the typical birds and floral prints, some of these shorts are stripes and plaid. He currently sells the shorts from his room in the Sigma Alpha Mu fraternity house on campus.

And although Krasnow presently has decided not to expand his company, "I am contemplating whether to broaden my business within the next year. I haven't made any definite decisions regarding that possibility, however."

Krasnow is even pondering whether to diversify Kras Shorts, although he insists he has no garment industry ambitions once he graduates from WU. "I am in the planning stages with a clothing manufacturer to produce Hawaiian print bow ties and cummerbunds," he added. "High school students would really go for them during the prom season, and college students could wear them to events such as fraternity formals."

Of course, Krasnow plans to do the labor for the project himself. He hasn't touched a sewing machine since last December, and says he has no immediate plans to do so.

Computer health game shows users how to improve lifestyle, lower risks

Following the suggestions of the University's Health Risk Appraisal (HRA) program this fall could lead to a more vigorous and longer life, says Mary L. Parker, M.D., associate professor of preventive medicine and director of the University's Health Service.

The HRA program, a "health game" programmed into WU's computer system, is designed to show individuals how lifestyle affects their longevity, based on their age, sex and race. Participants are asked approximately 35 questions on topics ranging from their occupation to how many hours of sleep they obtain per day. The computer then recommends ways people can improve their health, based on individual answers.

Parker said the HRA program recently has been revised. The system now indicates what positive steps HRA participants follow to stay healthy, such as exercising regularly and abstaining from smoking.

The HRA program is available to anyone who has access to a University computer that uses the MUSIC system. Those who have a MUSIC ID code need only log on to a University computer terminal, type in HRA and hit the return key to activate the program.

The analyzed data is featured on a computer printout, or it can be viewed from the terminal. In order to get a printout, however, individuals must use a computer terminal that is connected to a printer.

The program was adapted for WU by Parker and F. Stephen Masek. It was developed by the Center for Health Promotion and Education, Centers for Disease Control, in Atlanta, Ga.

For more information, call 889-6656.

African program expands curriculum

The Black Studies Program has a new name that reflects a broadened curriculum, the African and Afro-American Studies Program.

In our program description, we indicate a concern about people of African descent throughout the world," said Gerald W. Patton, director of the University's Health Promotion and Education, Centers for Disease Control, in Atlanta, Ga.

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Chamber Winds cover five centuries

The WU Chamber Winds will take audiences through five centuries of music in their first concert of the 1985-86 season, 3 p.m. Sunday, Oct. 13, at the Missouri Historical Society in the Jefferson Memorial Building in Forest Park. The Chamber Winds are under the direction of Dan Presgrave.

The concert is sponsored by the music department in cooperation with the Missouri Historical Society. The program features works by composers Giovanni Gabrieli (16th century), Johann Sebastian Bach (17th century), Ludwig von Beethoven (18th century), Claude Debussy (19th century) and Darius Milhaud (20th century).

The concert is free and open to the public.
Three-year-old Megan is happy and healthy after receiving the correct diagnosis and treatment for a rare genetic disorder, confirms her mother.

Genetic disease

Researcher uses classical methods to unravel diagnoses

The fanfare heralding gene therapy obscures its limited importance. Fewer than 500 new cases of the five genetic diseases under federal scrutiny are diagnosed each year — a mere thread in the sizable fabric of genetic disease. Nearly 10 years ago, it was estimated that 12 million Americans have a genetic disorder, and that life-years lost to such diseases are almost seven times those lost to heart disease. An estimated 30 percent of pediatric hospital admissions are for genetic disorders.

Thus, feats of gene therapy may eventually bring hope to hundreds suffering from extremely rare diseases. But tens of thousands of others suffer from diseases like cystic fibrosis or muscular dystrophy. Although traditional medical treatment can help alleviate the symptoms of these diseases, a cure from gene therapy is still the stuff of science fiction. A few metabolic disorders like the genetic disease phenylketonuria (PKU) are treatable, but there is no cure. The plain truth is, except for diseases like PKU — for which all newborns are screened, and which can be effectively treated by dietary manipulation — genetic diseases often remain undiagnosed, or are misdiagnosed.

Children with genetic disease often present with symptoms like unexplained vomiting,” says Richard E. Hillman, M.D. “In many cases, they are mistakenly diagnosed with pyloric stenosis. Then, they undergo surgery for this condition, surgery which may be unnecessary — and potentially dangerous.”

Hillman, director of medical genetics at WU Medical Center, is often called in on these puzzling cases which defy diagnosis. He points out that besides problems with eating, children with genetic disease — especially a defect in metabolic processes — often have a peculiar odor stemming from an accumulation of certain metabolic products.

In some cases, Hillman’s primary tipoff is the first symptom that captures attention — the patient’s odor. To be sure of his initial hunch, though, he always runs appropriate clinical tests.

“Many genetic diseases have been named for their odors,” closes Hillman. “Osthaus disease, for example. An osthaus is a place where malt is cured before beer is made, and patients with this disease have an odor distinctly like malt. There’s also maple syrup urine disease, in which an accumulation of certain acids causes the patient’s urine to have a caramel-like smell. Another very rare condition — a defect in fat metabolism — is sometimes called ‘sweaty feet disease.’” He continues. “It causes affected infants to smell like a locker room.”

“...There are many inherited diseases in which a distinct odor is part of the clinical picture,” says Hillman. “The physician does need a trained nose — that’s a big factor.”

Sniffing out genetic disease requires nothing more than a combination of symptoms. Often the most obvious are neurological signs, like irritability and a failure to develop motor skills at a typical age — parents seek medical attention because their baby fails to roll over or sit up or stand. In addition, these children will have a problem with eating: either they eat very little, or they vomit. But tragically, parents whose children have these symptoms may be rebuffed when they seek medical attention. Case in point: Megan, age two-and-a-half.

Megan’s parents first sought help for their irritable baby when she was nine months old. Megan had always eaten poorly, and she still didn’t stand alone. A series of specialists consulted by this midwestern couple either ignored the parents’ pleas or were hostile: “One doctor told me that I was just overly conscientious,” remembers Megan’s mother. But when she pointed out the odor in her daughter’s clothes, doctors agreed it wasn’t normal; they suspected, they said, maple syrup urine disease.

Megan was flown to Colorado for a series of developmental tests which confirmed the unusual development reported by her parents. “They told us that Megan was about a year behind in skill development,” says her mother. “But they still didn’t know what was causing the peculiar odor.” When all else failed, Megan was referred to Hillman. By practicing what he refers to as “old fashioned medicine,” he was able to diagnose Megan’s rare disorder — an inability to perform a key ‘last step’ in one of the pathways of fat metabolism. The diagnosis was all the more remarkable considering that Megan may be the only living child with this particular defect.

Megan was hospitalized in the clinical research unit at the medical center’s Children’s Hospital, and Hillman began his methodical search for the cause of Megan’s problem. Besides Megan’s odor, the other distinctive clue was her diet; “Megan’s dietary history was confusing because...

Continued on p. 5

Two faculty elected fellows of leading scientific association

Two internationally recognized faculty members at WU School of Medicine have been elected fellows of the American Association for the Advancement of Science (AAAS).

William H. Daughaday, M.D., Irene E. and Michael M. Karl Professor of Endocrinology and Metabolism, and Paul E. Lacy, M.D., Ph.D., Robert L. Kroc Professor of Diabetes and Endocrine Diseases, are among 312 association members who have been named 1985 fellows. The AAAS, formed in 1848, is the nation’s leading general scientific organization with almost 136,000 individual members and 285 affiliated scientific societies and academies of science. In electing fellows, the AAAS honors members who have made scientifically or socially distinguished efforts to advance science or its application.

Daughaday was honored for work that is known worldwide. His research has brought about a better understanding of basic hormonal action, especially in showing that some of growth hormone’s actions are mediated by the insulin-like growth factors, the somatomedins, and that adrenal corticosteroids are transported in plasma by a specific binding protein. He stepped down earlier this year after 34 years as director of the Division of Endocrinology and Metabolism of the Department of Medicine, but continues as Karl Professor and as director of the Diabetes Research and Training Center. He is on staff at Barnes and Jewish hospitals, sponsoring institutions of the WU Medical Center.

Lacy is internationally recognized for his diabetes research. He is noted especially for his recent efforts to control diabetes by transplanting insulin-producing cells from cadaver pancreases to diabetic patients, a procedure that temporarily and safely produces detectable levels of insulin in four of the seven patients treated. Lacy is credited with significantly advancing immunology, organ transplantation and the search for better diabetes treatments. Earlier this year, he stepped down as head of the Department of Pathology, a position he held for more than 20 years to concentrate full time on his research as the Kroc Professor. He remains on staff at Barnes, Children’s and Jewish hospitals at WU Medical Center.
McDonald will direct pulmonary division

John A. McDonald, Ph.D., M.D., has been named director of the pulmonary division at Barnes Hospital in the Department of Medicine at WU School of Medicine. 

His appointment was announced by David M. Kipnis, M.D., Adolphus Busch Professor and chairman of the Department of Medicine.

McDonald is an associate professor of medicine and assistant professor of biochemistry at WU. His research interests lie in the structure and function of fibronectins — fibrous linking proteins — and how these and other adhesive and supportive molecules in the lungs are altered in experimental and human lung injury. He is on staff at Barnes and Jewish hospitals, both sponsoring institutions of the WU Medical Center.

He joined the School of Medicine faculty in 1979 as an assistant professor of medicine, and served also as an attending physician in the medical intensive care unit and on the pulmonary service at Jewish Hospital.

Previously, he was a research associate in pulmonary medicine at the National Heart, Lung and Blood Institute in Bethesda, Md. 

McDonald received his doctorate in medicine from Duke University Medical School in 1970, and his medical degree from the University of Alabama in 1967. He completed an internship and residency in internal medicine at Peter Bent Brigham Hospital in Boston.

He is co-author of over 30 articles on pulmonary research, and has been a guest lecturer at numerous national conferences. A member of several professional societies, he chaired the first Gordon Conference on fibronectins in 1982 and was a member of the Cell Biology Initial Review Group for the National Institutes of Health in 1983.

Volunteer designates skin center as beneficiary of life insurance policy

St. Louisan Susan C. Marty has given a $100,000 gift to WU School of Medicine to help further research on epidermolysis bullosa (EB), the "thin skin" disease.

Marty made the donation through a life insurance policy, designating the School of Medicine as owner and the epidermolysis bullosa center as beneficiary. Marty is the former patient coordinator at the EB Center, a position she resigned in 1984 to spend more time as a volunteer with the EB Foundation, counseling patients and their families and helping raise funds for research. Her husband, James Waltke, is president of the foundation.

WU has one of the country's few centers for the study of EB, a rare genetic skin disorder that causes blistering, scarring and destruction of the skin and mucous membranes. Researchers here are trying to determine the causes of the 14 types of the disease, and hope eventually to develop a cure or more effective treatment.

The St. Louis center was created in 1985 with a $25,000 donation from the Dystrophic Epidermolysis Bullosa Research Association. It is supported locally by the Epidermolysis Bullosa Foundation, which is working to raise $1 million to create an operating endowment.

Director of the center is Eugene A. Bauer, M.D., professor of dermatology at the School of Medicine and a physician at Barnes, Children's and Jewish hospitals, sponsoring institutions of the WU Medical Center. 

More information is available through the EB Center at 362-2304.

Medical alumni have new president

Nicholas T. Kouchoukos, M.D., has been named president of the WU Medical Center Alumni Association.

Kouchoukos, a nationally recognized cardiovascular surgeon, is the John M. Shoenberg Professor of Cardiovascular Surgery at WU School of Medicine, and chief of the Division of Cardiovascular and Thoracic Surgery at Jewish Hospital, a sponsoring institution of the WU Medical Center.

He graduated cum laude from WU School of Medicine in 1961. Before returning to the WU Medical Center in 1985, Kouchoukos was clinical professor of surgery and former vice director of the Division of Cardiovascular and Thoracic Surgery at the University of Alabama School of Medicine. He joined the University of Alabama faculty in 1967 as an instructor in surgery.

Kouchoukos completed his internship, surgical residency and chief residency at Barnes Hospital, and served as a Senior Clinical Trainee in Surgery at the WU Medical Center.

He also trained at the University of Alabama School of Medicine, first as a research fellow in surgery and then as an advanced trainee in thoracic and cardiovascular surgery.

Genetic disease

whenever you eat protein, you also eat fat," says Hillman. "Megan had limited her protein intake dramatically, but this apparent aversion to protein was really nature's way of limiting her fat intake. We loaded her with milk to fill her up with protein, thinking 'we'd find a defect in amino acid metabolism. Instead, the concentration of fatty acids in her blood and urine went up.'

Hillman analyzed the compounds in Megan's blood and urine, and discovered a high concentration of butyric acid. This butyryl-smelling substance accumulates because of a genetic defect in Megan's fat-processing enzymes. Hillman put Megan on a special diet, low in fat and high in sugars. He also added supplements of glycine, an inexpensive amino acid which helps clear fatty acids from blood serum. "Since Megan fortunately has a relatively mild form of the disease, Hillman suspects that she will do well on the diet. But as to how reversible her symptoms are, Hillman is unsure.

"Since there are so few children with this particular defect," says Hillman, "we have to work by analogy with other diseases. We don't know exactly how toxic butyric acid is to the brain. All we know is that currently, Megan is about a year behind where she should be. But once her diet is adjusted, she might catch up. Other children with similar diseases have shown striking improvement once their diet is corrected."

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Besides careful examination of the patient and attention to any odors they carry, Hillman stresses the importance of taking a good dietary history. "It's old-fashioned medicine, really," he says. "And believing in mothers — that's probably the key to the whole story."
Robert Dymek, associate professor of earth and planetary sciences, recently received the Hawley Medal from the Mineralogical Association of Canada for the best paper of 1984 published in the Canadian Mineralogist, a leading earth science journal. Dymek co-authored the prize-winning paper with L. Peter Gromet of Brown University. It chronicles their research into the nature and origin of an unusual rock type called anorthosite, abundant near Quebec, Canada.

Robert E. Hegel, chairman of the Department of Chinese and Japanese and associate professor of Chinese language and literature, will be resident director of the Duke (University) Study in China Program in June 1986. The six-month program, which is associated with WU, offers a maximum of 20 students an opportunity to obtain intensive Chinese language training and experience China. Hegel has directed the program. He is the first resident director chosen from WU.

William C. Kirby, assistant professor of history, presented lectures on "Continuity and Change in Chinese Economic Planning, 1927-49" to the Institute of Modern History of the Chinese Academy of Social Sciences, Beijing, the Institute of History of the Jiangsu Academy of Social Sciences, Nanjing; and the Institutes of Economics and History of the Shanghai Academy of Social Sciences. Kirby pursued archival research in China in July and August under the auspices of the Chinese Academy of Social Sciences and the Committee on Scholarly Communication with the People's Republic of China of the U.S. National Academy of Sciences.

Stamos Metzidakis, assistant professor of French, recently learned that his book, Repetition and Semiotics: Intertextuality, has been accepted for publication by Summa Publications of Birmingham, Ala. The book describes the common linguistic and narrative elements on which all readers rely in order to interpret texts. It provides a methodological framework that helps to explain why a given text is interpreted differently by different readers.

Michael J. Noetzle, M.D., assistant professor of pediatrics and neurology and director of the Birth Defects Center at St. Louis Children's Hospital, has received a Clinical Investigator Development Award from the National Institute of Neurological and Communicative Disorders and Stroke. The Clinical Investigator Development Award, a career development award mechanism, is designed to provide support for individuals with high potential for academic research careers. The award is for a five-year period and will allow Noetzle to continue his research on the role of nerve cell filament proteins in the developing nervous system. He is currently investigating how these unique nerve proteins function in the immature brain and in particular their action which promotes growth of nerve cells.

Silvia Pedraza-Bailey, assistant professor of sociology, gave a presentation on minority faculty retention at the Conference on Minority Affairs of the Association of Jesuit Colleges and Universities, held this summer at Saint Louis University. She also served as discussant for the session on "Race Relations in Cuba: Before and Since the Revolution" at the 9th Conference of the Institute of Cuban Studies, sponsored by the School of Advanced International Studies of the Johns Hopkins University and held in Washington, D.C. In October, she will attend the 7th Conference of Mexican and U.S. historians in Oaxaca, Mexico, where she will serve as a discussant for the session "The Past is Prologue: Two Centuries of Mexican Migration to the U.S." Her book, Political and Economic Migrants in America, Cubans and Mexicans was published by the University of Texas Press.

Eric Plutzer and Barbara Ryan, doctoral candidates in the Department of Sociology, participated at the annual meetings of the Society for the Study of Social Problems in Washington, D.C. They read their paper, "When Married Women Have Abortions: The Question of Spousal Notification." Ryan recently accepted an appointment as visiting assistant professor of sociology at Northern Illinois University.

Robert A. Rouse, associate director of the Center for the Study of Data Processing, received a plaque and the commendation of the Society for Information Management at its annual convention, held Sept. 8-11 in Boston. Rouse is outgoing president of this national business organization, composed of the premier group for senior information professionals. The society, founded in 1968, concentrates on management issues that arise in the fields of computing and data processing.

Patricia K. Stehan, assistant professor of music, spent five weeks in Bulgaria this summer under the sponsorship of an International Exchange Grant. Intensive language instruction there prepared her for the initial stages of research on music of the Bulgarian Orthodox church.

Robert E. Grogan, assistant professor of sociology, gave a paper at the annual meetings of the American Sociological Association, held Aug. 27-31 in Chicago. Grogan presented research on minority faculty retention at the Conference on Minority Affairs of the Association of Jesuit Colleges and Universities, held this summer at Saint Louis University. He also served as discussant for the session on "Race Relations in Cuba: Before and Since the Revolution" at the 9th Conference of the Institute of Cuban Studies, sponsored by the School of Advanced International Studies of the Johns Hopkins University and held in Washington, D.C. In October, she will attend the 7th Conference of Mexican and U.S. historians in Oaxaca, Mexico, where she will serve as a discussant for the session "The Past is Prologue: Two Centuries of Mexican Migration to the U.S." Her book, Political and Economic Migrants in America, Cubans and Mexicans was published by the University of Texas Press.

J. Regan Thomas, M.D., assistant professor of otolaryngology, has received the Young Physician Alumni Award from the University of Missouri-Columbia (UMC) Medical School Alumni Association. The award is given to alumni under the age of 45 who have distinguished themselves in the field of medicine. Thomas earned his medical degree from UMC in 1972, and later served as assistant professor of surgery at UMC from 1976-83, before joining the faculty of WU.

After opening at Bixby Gallery, the M-AAA/NEA exhibit will travel to Kansas City, Mo.; Scottsbluff, Neb.; Little Rock, Ark.; Salina, Kan.; Oklahoma City, Okla.; and Jefferson City, Mo.

The exhibit is made possible by support from the Missouri Arts Council and the NEA, through their participation in Mid-America Arts Alliance, a regional arts organization.

Bixby Gallery hours are 10 a.m. to 4 p.m. weekdays and 1 to 5 p.m. weekends. The gallery will be closed Friday, Oct. 11. For more information, call Gallery Director Libby Reuter at 889-6597.

Silvia Pedraza-Bailey, assistant professor of sociology, gave a presentation on minority faculty retention at the Conference on Minority Affairs of the Association of Jesuit Colleges and Universities, held this summer at Saint Louis University. She also served as discussant for the session on "Race Relations in Cuba: Before and Since the Revolution" at the 9th Conference of the Institute of Cuban Studies, sponsored by the School of Advanced International Studies of the Johns Hopkins University and held in Washington, D.C. In October, she will attend the 7th Conference of Mexican and U.S. historians in Oaxaca, Mexico, where she will serve as a discussant for the session "The Past is Prologue: Two Centuries of Mexican Migration to the U.S." Her book, Political and Economic Migrants in America, Cubans and Mexicans was published by the University of Texas Press.

Eric Plutzer and Barbara Ryan, doctoral candidates in the Department of Sociology, participated at the annual meetings of the Society for the Study of Social Problems in Washington, D.C. They read their paper, "When Married Women Have Abortions: The Question of Spousal Notification." Ryan recently accepted an appointment as visiting assistant professor of sociology at Northern Illinois University.

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Memorial service held for Alice Jones

A memorial service for Alice Hanson Jones, professor emeritus of economics, was held Sept. 5. She died Aug. 31 at the age of 80.

A native of Seattle, she had received a bachelor of arts degree in 1925 and a master's degree in economics in 1926 from the University of Washington. She later worked as an assistant editor of the Encyclopedi a of Social Sciences at Columbia University in New York City, where she married Homer Jones.

When her husband, also an economist, received a fellowship at the Brookings Institution in Washington, D.C., she went to work for 10 years with the Cost of Living Division of the U.S. Bureau of Labor Statistics.

After Dr. Jones left the job market for several years to raise a family, she and her husband moved to St. Louis in 1958, when he was named to head the research department of the Federal Reserve Bank. She returned to active teaching and research in 1975.

Her work was well received by the profession. She served as president of the Economic History Association in 1982-83. Her papers will be part of the rare book section of Columbia University in New York.

In addition to her husband, who retired in 1977 as senior vice president of the Federal Reserve, she is survived by three sons, two sisters, and four grandchildren.

Academic computer conference here

WU and Apple Computer Inc. will co-sponsor the Midwest Macintosh Academic Conference on Friday and Saturday, Oct. 11 and 12, at WU and the Chase-Park Plaza Hotel.

Participants from colleges and universities throughout the Midwest will explore new ways to implement the microcomputer on college campuses.

The two-day conference will feature demonstrations of the Show and Tell picture-language now being developed at WU; VideoWorks software for teaching developmental anatomy through animation techniques; and the WU campus-wide picture network integrating Apple computers. In addition, new developments from 20 software vendors will be on display for hands-on demonstrations.

Speakers will include Allan Kay, one of the developers of the Macintosh Computer; software developer Andy Hertzfeld; Robert J. Benson, WU associate vice chancellor and director of Computing Facilities; and Jerome R. Cox Jr., chairman of the computer science department.

For more information, call 532-5001.

New computer products on display

A MacFest featuring new hardware and software products for the Macintosh Computer will be held from 9 a.m. until 4 p.m. on Thursday, Oct. 10, in Umrah Lounge. The festival, co-sponsored by the Campus Bookstore and Apple Computer Inc., is free and open to the public.

Software from 20 vendors will be available for hands-on demonstrations. New products on display will include a 20MB hard disk for the Macintosh and Imagemaker II software.

Software developer Andy Hertzfeld will speak on leading edge developments in computer software at 1 p.m. in Edison Theatre and again at 3 p.m. in the Lambert Room at Mallinckrodt Center.

For more information, call the Campus Bookstore, at 889-5394.

Assembly Series—continued from p. 1

The first Eugene Feenberg Memorial Medal was presented this month to David Pines, professor of physics and electrical engineering at the University of Illinois-Urbana. Pines was honored for his studies of quantum plasmas, electrons and metals, collective excitations in metals, superconductivity and superfluidity, and elementary excitations in helium liquids.

Feenberg was a pioneer in the field of many-body physics, the study of phenomena arising in collections of identical microscopic particles.

In a distinguished career of theoretical research spanning five decades, Feenberg made fundamental contributions to nuclear theory, the development of the nuclear shell model, approximation methods of quantum mechanics, and microscopic descriptions of quantum fluids. Out of his work came one of the most successful approaches to the theoretical description of quantum many-body particle systems. This theory can be applied to matter in many different forms, ranging from liquid helium, to transistors, to the material in the center of neutron stars.

Feenberg, a member of the National Academy of Sciences, retired from active teaching and was named professor emeritus in 1975.
CALENDAR
Oct. 3-12

LECTURES
Thursday, Oct. 3
1:10 p.m. George Warren Brown School of Architecture. "Job Training Partnership Act — Does It Work?" Joe Ryan, executive director of the Private Industry Council for the Regional Commerce and Growth Association; and John Clark, field coordinator, Human Resources Development Institute of AFL-CIO. Brown Hall Lounge.
11 a.m. Assembly Rebuilding with DCF 1. G. A. Z. MacGibbon, calendar editor, Box 1070. For information, call PCEC at 889-5813.
3:30 p.m. Volleyball — Alumnae Match. Francis Field. Sponsored by WU Women's Center. Free to WU community. To register, call 889-5813.
4:30 p.m. "Mark Twain Exhibit," actor William McLinn. Department of English for 29 years and a former chairman of WU's English department. Free to WU community; $25 a person. Reservations must be received by Friday, Oct. 4. For more info., call 889-5525.
5 p.m. "Mark Twain Exhibit," featuring manuscripts, letters and first editions from Mark Twain's collection is on display through Oct. 31 in Special Collections, fifth level of the library. Exhibit hours are 8:30 a.m. to 5 p.m. weekdays.

FILMS
Thursday, Oct. 3
7 and 9 p.m. WU Filmboard Series, "Day of Wrath." 22 Brown Hall.
Friday, Oct. 4
6:30 and 9:15 p.m. WU Filmboard Series, "Paris, Texas." 32 Brown Hall. (Also Sat., Oct. 5, same time, and Sun., Oct. 6, 7 p.m., Brown.)
Midnight. WU Filmboard Series, "Herald and Maude." E. B. Brown Hall. (Also Sat., Oct. 5, same time, and Sun., Oct. 6, 9:45 p.m., Brown.)

MUSIC
Thursday, Oct. 3
12:20 p.m. The Gateway Brass Quintet will present an outdoor concert in the 19th-century style for the Mark Twain Celebration in Birkhoff Quadrangle.

PERFORMANCES
Saturday, Oct. 5
8 p.m. Edison Theatre Presents The Acting Company in "Orchards: A Chekhov Evening." Success: Brown Hall. (Also Sat., Oct. 12, same times, Brown.)
11 a.m. Volleyball — Alumnae Match. Francis Field. Sponsored by WU Women's Center. Free to WU community. To register, call 889-5813.
4 p.m. "Mark Twain Exhibit," actor William McLinn. Department of English for 29 years and a former chairman of WU's English department. Free to WU community; $25 a person. Reservations must be received by Friday, Oct. 4. For more info., call 889-5525.
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EXHIBITIONS
"Images of Aristocrats and Republicans." Third floor. Nov. 29, 8 a.m. 5 p.m. weekdays. Medical Library, archives and History of Medicine, Annex 15, Taylor Ave.
"Mark Twain Exhibit," featuring manuscripts, letters and first editions from Mark Twain's collection is on display through Oct. 31 in Special Collections, fifth level of the library. Exhibit hours are 8:30 a.m. to 5 p.m. weekdays.
Rudy Gallery, Bailey Hall. 10 a.m. 5 p.m. weekdays. For more info., call 889-4523.
Contemporary Prints." Through Oct. 13. Gallery of Art, print gallery. 10 a.m. 5 p.m. weekdays.
"Mark Twain Exhibit," featuring manuscripts, letters and first editions from Mark Twain's collection is on display through Oct. 31 in Special Collections, fifth level of the library. Exhibit hours are 8:30 a.m. to 5 p.m. weekdays.

SPORTS
Thursday, Oct. 3
3:30 p.m. Volleyball, WU vs. Elizabethtown College. Field House.
Friday, Oct. 4
7:30 p.m. Soccer, WU vs. Aurora U. Francis Field.
Saturday, Oct. 5
11 a.m. Volleyball — Alumni/Match. Field House.
7 p.m. Football, WU vs. Colorado College. Francis Field.

MISCELLANY
Saturday, Oct. 5
11 a.m. Assembly Series Lecture, "History and the Creative Imagination," Bernard Malamud, Adams University Professor of History at Harvard U. Graham Chapel.
8 p.m. "Mark Twain Exhibit," actor William McLinn. Department of English for 29 years and a former chairman of WU's English department. Free to WU community; $25 a person. Reservations must be received by Friday, Oct. 4. For more info., call 889-5525.

Calendar Deadline
The deadline to submit items for the Oct. 24-Nov. 2 calendar of the Washington University Record is Oct. 10. 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. Addressee items to King McElroy, calendar editor, Box 1070.