Second act
Edison's spring line-up ranges from blues, jazz singer to modern dancers

The spring line-up features WU's own dancers, the comical side of "serious" music, a review of the great jazz and blues singers of the 1930s and '40s and the very latest in modern dance.

The St. Louis Repertory Dancers, a professional dance troupe primarily composed of WU dance faculty, will present "Divertimenti" at 8 p.m. Friday, Feb. 21. Anneline Metz, coordinator of the dance program at WU, is the artistic director of the company. Guest artist is New York choreographer Kathryn Posin, who will premiere a new work. The company also will perform Saturday, Feb. 22, and at 3 p.m. Sunday, Feb. 23.

On March 1, Anna Russell, the "crown princess of musical parody," makes a St. Louis stop on her farewell tour. Russell, who is 75, has been poking fun at music history and the cultural elite for nearly 40 years. Her show includes excerpts from Verdi's "Nabucco," and Wagner's "Ring" cycle, "the only opera," says Russell, "that comes in the giant, economy size."

Sandra Reaves-Phillips will bring "The Late Great Ladies of Blues and Jazz" to life on the Edison stage April 18. Reaves-Phillips, who played Bertha in the Broadway musical "One Mo' Time," sings the songs of Ma Rainey, Bessie Smith, Billie Holiday and the very latest in modern dance.

Consolidation: Movers roll a desk down a first floor corridor of John E. Simon Hall, the new business school. All business school faculty and staff, previously housed in Umrath, McMillen and Prince halls, were moved into the $13-million, three-level building Jan. 23-25. Pictured on the left (first floor) is the student lounge, on the right is the computer center. The building, which is complete except for a few finishing touches, will be dedicated in April.

Cultural Celebration Week
Cambodian refugee will tell story of 'The Killing Fields'

Dith Pran, a Cambodian refugee whose escape from Khmer Rouge Cambodia was told of in the movie "The Killing Fields," will be the keynote speaker for WU's second annual Cultural Celebration Week, Feb. 12-15.

Pran, now a photographer for The New York Times, will speak at 11 a.m. Wednesday, Feb. 12, in Graham Chapel as part of the Assembly Series. The lecture is free and open to the public. A reception for Pran will be held at 2:30 p.m. Feb. 12 at Stix International House. The reception is open to the WU community.

Cultural Celebration Week is designed to recognize the various cultures at WU. In addition to Pran's speech, highlights include an international dinner with dancers representing areas throughout the world; a New Orleans-style Mardi Gras Ball and the Cultural Celebration Festival, featuring informational booths, video presentations and other displays.

"The purpose of Cultural Celebration Week is to affirm and celebrate the diversity of cultures that make up our society," says Peter Theodore, program director for Campus Y and one of four staff advisers for the festivities. "The emphasis is continued on p. 3

Libraries name new director of public services, collection development

Nicholas C. Burckel, Ph.D., recently joined the WU Libraries as director of public services and collection development, announced Charles D. Churchwell, dean of library services.

"Dr. Burckel is very well qualified for this position," says Churchwell. Burckel will be working closely with the Hilltop faculty on development and use of all collections in the Olin Library system.

Most of Burckel's professional experience has been with the University of Wisconsin system. In 1971, he was named assistant archivist at the University of Wisconsin-Madison and served for 10 years as director of archives and of the area research center at the university's Parkside campus. From 1975 to 1982, he also served concurrently as executive assistant to the chancellor.

In 1982, he became associate director of the University of Wisconsin-Parkside library learning center and subsequently was appointed assistant vice chancellor. Prior to accepting the position at WU, he took a year's leave of absence from Wisconsin to serve as an intern in the academic library management program at the University of Chicago.

In addition to these positions, Burckel has taught courses in U.S. history and has been an active scholar. He has written or co-edited seven books and has been published in historical, archival and library publications.

Burckel received his bachelor's degree in history from Georgetown University in 1965. He received his master's and doctoral degrees in history from the University of Wisconsin-Madison in 1967 and 1971. In 1983, he earned a master's of library science from the University of Wisconsin-Milwaukee.

He currently serves on the publications committee for the Association of College and Research Libraries. He is a member of the Feis Award committee of the American Historical Association and is program committee chair for the 1987 annual meeting of the Society of American Archivists. He also serves as book review editor for the society's journal, American Archivist.

Nicholas C. Burckel
February forums

'The Color Purple' explored during Black History Month

The portrayal of blacks in the movie 'The Color Purple' will be explored during a forum from 7:30 to 9:30 p.m. Wednesday, Feb. 19, in Lambert Lounge, Mallinckrodt Center. The event is one of two February forums sponsored by WU's African and Afro-American Studies to commemorate Black History Month.

The theme of Black History Month at WU is 'Defining Our Reality and Our Future.' The activities are free and open to the public.

The first forum is titled 'The Color Purple: Myth and Reality.' 'The Color Purple' is the movie adapted from Alice Walker's Pulitzer Prize-winning book of the same name. Through a series of letters, the book chronicles the life of Celie, a black farm wife.

Rosetta Taylor Moore, Ph.D., and Teta Bunks-Stovall, instructors in African and Afro-American Studies, and visiting instructor Stephen A. Carey, will participate in the forum. The presenters will give their viewpoints and elicit feedback from the audience.

The future of economic development for blacks will be debated on Saturday, Feb. 22, during an African and Afro-American Studies forum titled 'Where Do We Go From Here? Black in the Domestic Economy.' The discussion will be from 9:30 a.m. to noon at the Cabanne Branch of the St. Louis Public Library, 1100 N. Union Blvd.

Speaking at the forum will be Robert L. Woodson, president of the National Center for Neighborhood Enterprise, a not-for-profit organization in Washington, D.C., and David St. Louis Public Library's director of the Southern Center for Studies of Public Policy in Atlanta, Ga. Woodson, a supporter of the Reagan administration, and Winton, a liberal economist, will present contrasting views on the future of economic development for blacks.

Melvin Jones, publisher of The Black Pages, a telephone directory of black businesses in the St. Louis metropolitan area, and Mercia E. Arnold, a second-year graduate student in economics at WU, will question the speakers after the presentation.

Michael A. Gomez, Ph.D., assistant professor of history in African and Afro-American Studies, will moderate the forum.

In addition to the forums, African and Afro-American Studies will co-sponsor a lecture by Margaret Walker Alexander, author of Jubilee, For My People and several other books, and professor emeritus of English at Jackson State University, where she retired in 1979.

Alexander will speak on her published works at 3 p.m. Wednesday, March 5, at the main branch of the St. Louis Public Library, 1301 Olive St. The lecture is free and open to the public. A question-and-answer session will follow.

African and Afro-American Studies is co-sponsoring the event with the local chapter of the Coalition of 100 Black Women.

For more information, call African and Afro-American Studies at 889-5690.

Pain management study needs volunteers

Volunteers are needed to participate in a study of the effects of different strategies on pain. The strategies include hypnosis, relaxation and various cognitive strategies for pain control.

Persons both with and without chronic pain conditions are needed for the study, which is being conducted under the auspices of the psychology department.

The study involves a screening session and one or two experimental sessions. The screening session tests for hypnotic susceptibility. Based on the results of the screening, volunteers may be asked to participate in one or both of the experimental sessions.

The experimental sessions involve experiencing a mildly painful stimulus and using one of the coping strategies that are being investigated. These sessions last approximately one hour.

Persons with heart disease, arthritis affecting the hand or arm, circulatory problems or diabetes are encouraged not to participate.

The project has been fully approved by the WU Standing Committee on the Use of Human Subjects.

For more information about the pain study, contact the project director, Steve Tennenbaum or Marguerite Malone at 889-6555.
Healthy combination

Capitol Hill internship, medical school program allow student to help elderly

This article is part of a continuing monthly series profiling WU students. For Patricia Bates, serving as a legislative aide on Capitol Hill and enrolling in the WU School of Medicine’s Health Administration Program (HAP), has brought her closer to her life-long goal of helping the elderly.

A native of Little Rock, Ark., she just finished a two-year stint in Washington, D.C., as a legislative aide to U.S. Sen. Dale Bumpers, D-Ark. Bates, who began as a summer intern on Bumpers’ staff and worked her way up through the ranks, specialized in issues and legislation affecting health care, particularly of the elderly.

“I’ve always had a fascination with older people,” the 25-year-old says. As a teenager, she used to go to nursing homes just to visit the people living in them. “That’s when I got interested in the long-term care aspect,” she remembers. “I became aware of the increase in the aged population and the impact it would have on the health care field. So my visits to nursing homes served two purposes — they were informative, but they were also something I enjoyed.”

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Patricia's early interest in hospital administration was supported by her father, a physician, and her mother, a former teacher. As the teenager who loved to visit nursing homes grew older, she decided to make health care management her career. At Davidson College in North Carolina, Bates enrolled in an independent study program that permitted her to concentrate on the field of long-term health care. Her summers at the Arkansas Gerontology Center, and an internship at the University of Arkansas Medical Center, led to a thesis on the importance of hospital planning and started knocking on doors. She went to Bumpers' office and used it as her home base. They set her up with contacts on the Hill, and health care agencies, and lobbying groups on aging issues. After spending a week there, they said, “Put that resume in with us — we’d like to talk with you.” So they ended up hiring her for the summer as an intern, working on health care legislation for them and analyzing various bills.

“They wanted me to stay on the permanent staff,” Bates continues, “so I extended my stay. I really pro-pro-pro— provinces. The last and the greatest of these included Egypt, Lebanon, South America and Russia will enter-
Microsurgery restores form, function, to paralyzed faces

The face is more than a mirror of our emotions. Certain of its muscles enable the eyelids to close, protecting the delicate eye from injury; others keep the mouth closed during eating, enabling food to be chewed and swallowed properly. For many persons each year, however, all or part of the face becomes paralyzed. Many will recover without surgery, but for some, surgical correction is the only hope for removing the mask of paralysis.

At WU Medical Center, head and neck surgeons team with ophthalmologists, neurosurgeons, and prosthodontists to surgically restore facial function for patients with cancer of the head and neck, and whose accident victims. They can undergo microsurgery to restore the nerves in their face, in addition head and neck surgeons — otolaryngologists — can move muscles, with their nerve supply, from the cheek or scalp to a long-paralyzed area of the face, restoring facial form and function.

The closer to the facial nerve’s base in the brain the damage occurs, the more extensive the paralysis. Recently, J. Gershon Spector, M.D., professor of otolaryngology at the School of Medicine, completed a 10-year study of 110 patients who had undergone various surgical procedures to help restore facial paralysis. In the study, published in the December 1985 issue of the Journal of LARYNGOLOGY & OTOLOGY, most had suffered facial or partial facial paralysis following treatment for cancer. Spector found that the natural repair process, as reconnecting severed nerve endings in the face or grafting nerve segments, produces better results than the other techniques, such as moving muscles from the scalp or performing plastic surgery reconstructions.

“The main problem that arises,” explains Spector, “is if the reconnected facial nerve fibers grow into a muscle to which they normally don’t belong. If this happens, smiling might cause the nose to twitch or the eye to blink. It’s difficult to control these aberrant movements because we cannot control which muscle the nerve will grow into—a nerve cannot differentiate one facial muscle to another. So we need physical therapy to camouflage these undesirable movements and fine-tune results.”

If the stump of the facial nerve is not available for direct grafting, then another neural repair technique can be used. For example, Spector was able to take a non-critical nerve—one of the nerves leading to the tongue and spine—spliced onto the face. Since the tongue has two nerves—one on the right side, the other on the left—one of them very tiny—must contract. Each group of muscles moves when it is stimulated by a branch of the facial nerve, which in turn is controlled by the brain. When that nerve, or any of its branches, is cut, muscles may temporarily be removed (as sometimes happens in removal of tumors in the head), paralysis results.

For the eyelid to close, or the lips to seal, or to smile, scowl, or frown, various groups of muscles—some of them very tiny—must contract. Each group of muscles moves when it is stimulated by a branch of the facial nerve, which in turn is controlled by the brain. When that nerve, or any of its branches, is cut, muscles may temporarily be removed (as sometimes happens in removal of tumors in the head), paralysis results.

“Microsurgery provides a repair technique that can restore function to a paralyzed face,” says Spector. “You have to have some of the facial nerve, or any of its branches, must be cut, must be connected, restoring movement to a paralyzed face.”

The incidence of facial paralysis is really unknown, says head and neck surgeon Gale Gardner, M.D., Gardner, from Memphis, Tenn., is chairman of the Facial Paralysis Study Group of the American Academy of Otolaryngology. “Our committee hopes to be able to gather that information in the next few years.”

“Most persons with facial paralysis are seen by primary care physicians; few filter down to specialists,” says Gardner. Gardner reports that Spector’s description of facial nerve disorders, published in LARYNGOSCOPE (January 1985), “has recently been accepted by the Academy as our official classification system.”

Bell’s palsy is one of the most common causes of facial paralysis. First described by Bell in 1821, its hallmark is the rapid onset of paralysis on one side of the face. About 80 percent of persons with Bell’s palsy will recover spontaneously, without needing surgery. Many persons suffer temporary facial paralysis following infections, accidents or trauma, and don’t need surgery either. But cancers of the head region can cause permanent, debilitating loss of facial muscle and nerve tissue. These are the majority of persons who end up at academic medical centers. In addition, there are those who have had paralysis of several years’ duration, or whose facial nerves are crushed in accidents and require surgical repair.

One such patient is Robin. Six years ago, close to her eleventh birthday, Robin and her mother went shopping for a new swimsuit, a birthday present. “The store had just taken down a display,” remembers her mother, “and glass shelves were stacked in a shopping cart. The ones too long for the basket were standing on the floor, wedged between the cart’s handle and the basket.

“I was looking at some socks, and just as I turned around, the cart and the glass tumbled onto Robin, pinning her underneath. The glass was so heavy I couldn’t lift it, and several men in the store removed it piece by piece.”

Robin, rendered unconscious, was comatose for the next 10 days, spending her eleventh birthday in the hospital. Several bones in her face and ear were crushed, and it was while she was comatose in the intensive care unit that her mother first noticed there was something wrong with her face. “But at the time, I was more concerned about her coma than anything else.”

When Robin finally regained consciousness, she had lost movement on the right side of her face and hearing in her right ear. Spector teamed with neurosurgeon Robert L. Grubb to repair the torn lining of her brain and to connect Robin’s tongue nerve to her facial muscles, replacing the crushed facial nerve. Several operations to remove scar tissue in her ear canal were unsuccessful, however, so Robin has a hearing loss in her right ear. But her facial paralysis was successfully reversed with surgery and physical therapy.

“The only time you notice that something is wrong with Robin’s face,” says her mother, “is when she laughs—her face moves to the left.” In addition, there have been personality changes—moodyness and difficulty with memory. But now, at 17, Robin is making plans to attend college next year and lead a normal life.

Rehabilitating the face requires more than just plastic surgery. In Robin’s case, the WU Medical Center team included neurosurgeons and head and neck surgeons like Spector, skilled in microsurgery. In other cases, restoring the face requires a team that includes ophthalmologists and oral surgeons (prosthodontists). Restoring facial function is far more complex than simply improving appearance.

For certain patients, neural repair or muscle flaps are not enough. They will need an implant composed of muscle with its own nerves and blood vessels. Implanting a piece of tissue that carries its own nerves and blood vessels, to be microsurgically connected to those in the face, is extremely fine work, since blood vessels are even smaller in diameter than nerves. Yet research is underway to find the best donor sites for an implant that can be microsurgically attached, restoring movement to a frozen face that cannot accept a nerve graft or nerve-muscle flap from the scalp.

“You can’t just in and do any of these microsurgical techniques,” muses Spector. “You have to have lots of practice, either in surgery or in the lab. We cannot do what God made, but we can come close.”

Suzanne Hagan

Ed. note: A leaflet, “Facial Nerve Problems,” is available free of charge from the American Academy of Otolaryngology, 1101 Vermont Avenue NW, Suite 302, Washington, DC 20005. Readers interested in this or other information should send a self-addressed, stamped long envelope to the Academy, specifying which information they want.
Grant renewal allows researcher to continue enzyme, hormone studies

An obstetrics and gynecology researcher at WU School of Medicine has received more than $900,000 to continue studying the role of enzymes in producing steroid hormones.

The four-year grant renews a previous award to Frederick Sweet, Ph.D., professor of reproductive biology, from the National Institute of Child Health and Human Development. Sweet hopes his research eventually will lead to improved management of fetal development during pregnancy and to a better understanding of how hormones are produced in the body.

In previous animal studies, Sweet and another investigator isolated and described an enzyme that they believe forms part of a unique hormonal communication system between the fetus and the mother. They think similar communication systems function throughout human pregnancies.

Sweet’s research is in conjunction with three separately funded laboratories, including one headed by James C. Warren, M.D., Ph.D., chairman and professor of the obstetrics and gynecology department at WU. The other laboratories are in Australia and Massachusetts. The investigators are collaborating on two other projects that examine the role of enzyme systems important in the production and regulation of hormones.

Mallinckrodt business manager named

Donald R. Stone, a certified public accountant (CPA) and experienced financial manager, has been appointed the new business manager at the Mallinckrodt Institute of Radiology. He will direct the institute’s expanding business office and accounting departments.

Mallinckrodt Institute provides all radiology services for Barnes Hospital and Children’s hospitals, and radiation oncology professional services for Jewish Hospital. The business manager duties include responsibility for handling Mallinckrodt’s patient accounts, which involve over 300,000 examinations and treatments each year.

Two dental students win national prizes

Two WU dental students have won prizes in national competitions. The students, Richard J. Goldberg of the class of 1991, and Nicholas C. Salvati of Downey, Calif., received the awards at the annual session of the American Dental Association (ADA) held recently in San Francisco.

Goldberg, a sophomore at the School of Dentistry, was awarded first place in basic science research at the National Student Table Clinic Competition, which offered prizes for table clinics involving research in basic science and dental clinical science. His annual competition is co-sponsored by the ADA and Dentsply International, Inc., a dental supply company in York, Pa.

Goldberg’s table clinic was on protection of irradiated salivary glands. He was selected to represent WU in the national competition after winning the dental school’s local competition last spring. Goldberg will be the guest of the ADA and Dentsply at the Chicago Mid-Winter Dental Meeting this month.

Salvati, president of the dental school’s senior class, won third prize in the National Student Competition for Public Health Community Service Projects. The competition is sponsored by the American Association of Public Health Dentists.

Salvati won the award for a project involving research on dental caries and periodontal problems in handicapped and medically compromised patients. The study — conducted with patients treated by the School of Dental Medicine — produced recommendations for preventive dentistry, patient education, restorative dentistry and corrective dentistry for handicapped and medically compromised patients. A paper based on his research has been published in Dentistry ’85, the magazine of the American Student Dental Association.

Biomedical research support applications accepted now

WU School of Medicine expects to receive new Biomedical Research Support Grant (BRSG) funds by April 1 from the National Institutes of Health (NIH).

Applications are being accepted now, and must be received by Feb. 28 for awards for the period April 1, 1986 through March 31, 1987. The BRSG Advisory Committee, chaired by Stuart A. Kornfeld, M.D., is responsible for reviewing and making decisions on all applications for support from individual faculty members.

Investigators seeking BRSG support must prepare a grant application including a budget page for equipment and consumable supplies. The application should be similar in format to that used to apply for individual research support from the NIH. It should not exceed five pages. The application should also include a copy of the investigator’s curriculum vitae, a statement regarding the investigator’s current grant support, and a letter from the department chairman indicating departmental knowledge and approval. The cover letter and application should be sent to M. Kenton King, M.D., dean of the School of Medicine.

Preference will be given to pilot research projects that will explore new research ideas and test their validity, and that provide preliminary findings that could be used as the basis for research project grant applications. Funds will not be available for salary support of the applicant nor for any technical assistance, and grants will not exceed $10,000.

Young investigators new to the medical school are especially encouraged to apply. Due to limited funds, however, no investigator will be funded more than once.

Applications are available through Kornfeld’s office at 362-8803.

Eagleton speaks at inauguration held for Alzheimer’s research center

U.S. Sen. Thomas F. Eagleton, D-Mo., delivered the keynote speech Jan. 31 at ceremonies designating WU as an Alzheimer’s Disease Research Center (ADRC).

WU is one of ten institutions that have received five-year funding from the National Institute on Aging (NIA) to study Alzheimer’s Disease.

Eagleton was instrumental in establishing the National Institute on Aging, and has worked to obtain federal funding for health care research, particularly through the National Institutes of Health. The program also included comments from Leonard Berg, M.D., director of the ADRC, and Chancellor William H. Danforth, M.D., who noted Alzheimer’s disease affects an estimated one million Americans and is the most common cause of intellectual impairment and institutionalization among the elderly.

Infants to receive flu vaccine in study

Researchers at WU School of Medicine are seeking young children to vaccinate against a bacterium that causes meningitis.

During the study, researchers will vaccinate 100 children younger than 7 months against Haemophilus influenzae type b (Hib), a contagious bacterium that is a major cause of meningitis, epiglottis and other serious diseases in children. The study is funded by the National Institutes of Health and headed by Dan M. Granoff, M.D., professor of pediatrics at the School of Medicine.

This is the second phase of the study. Last year, 63 children aged 2-17 months were vaccinated. The same batch has been demonstrated to be effective in 16 children aged 2-7 months. All infants have already received this vaccine as part of the second phase, he adds.

Nearly all showed a positive antibody response with no ill side-effects.

According to Granoff, about one in 250 children in the United States will develop some form of serious illness from the Hib bacterium by the age of 4. Of those, he says, two-thirds will suffer from meningitis; five percent of the children who contract meningitis will die, and another 20 percent will develop some type of neurological handicap. Meningitis is thought to be the largest cause of acquired deafness in children, he notes.

Although the effective vaccine is available for children 24 months and older, Granoff says, most cases of Hib disease occur in children younger than 18 months.

For further information or to volunteer, contact Dr. M. Kenton King, M.D., or Kathy Sheeet, RN, in the Division of Infectious Diseases at Children’s Hospital, 454-6090.
Cramer Lewis retires after illustrious career

K. Cramer Lewis, director of the Department of Medical Illustration at the School of Medicine, retired recently after nearly 40 years of service to WU. His interest in photography began as a hobby, but became a career in the late 1930s.

Researchers study use of new imaging to diagnose breast disease

Researchers at the School of Medicine are evaluating the potential of magnetic resonance imaging (MRI) in diagnosing diseases of the breast.

Investigators from the Department of Preventive Medicine and Mallinckrodt Institute of Radiology at the School of Medicine will collaborate on the work. Principal investigators are K. Gohagan, Ph.D., a professor of preventive medicine, radiology, and engineering and applied sciences at WU.

The two-year study is funded by the National Institutes of Health in grants totaling almost $500,000. WU School of Medicine is the only institution in the country to receive an NIH award to study the breast using MRI. A state-of-the-art procedure, MRI allows scientists to see cross-sections of the human body using a powerful magnet and radio waves, rather than radiation.

To determine the role of MRI in diagnosing breast disease, investigators will compare its usefulness in clinical settings with that of mammography and physical examination.

Although not yet proven in breast diagnosis, MRI allows a view of the architectural structure of the breast that is not provided by mammography or other procedures, Gohagan said. He believes that capability may be especially helpful to WU researchers in identifying the extent of lesions and cysts in fibrocystic breast and in distinguishing between some benign and malignant tumors without the need for biopsy surgery.

Within the next year, Gohagan plans to conduct MRI evaluations on some 200 women as part of the project, he is screening women who have routine mammograms at Mallinckrodt Institute of Radiology, inviting them to participate in the MRI study when the mammogram results indicate a lesion, or when results are indeterminate. Those who take part will receive the $600 MRI free and also park free.

Women who participate in the study will be asked to have a mammogram, for which there is a $107 fee that is not covered by research funds. The MRI examination involves one two-hour appointment. There are no known health hazards to MRI, although in this study — as in generally the case — the procedure will not be offered to pregnant women or to those with pacemakers or surgical clips. Women of any age may participate.

Further information is available by calling 362-7110.

Smith named assistant dean for advanced dental education, research

Richard Jay Smith, D.M.D., Ph.D., has been appointed assistant dean for advanced education and research at the WU School of Dental Medicine.

Smith was chairman and professor of the Department of Orthodontics, and will continue to hold that position. His new responsibilities include supervision of the school’s postdoctoral programs in orthodontics, oral and maxillofacial surgery, restorative dentistry, the advanced standing program for foreign-trained dentists, and research activities in biomedical science and clinical dentistry.

He joined the school’s faculty in 1974 after four years as director of the postgraduate orthodontic program at the University of Maryland Dental School. He previously had taught at the University of Connecticut.

Smith received the doctor of dental medicine degree and master’s degree in anatomy in 1973 from Tufts University. He received postgraduate training in orthodontics at the University of Connecticut in 1973-76, and earned a doctorate in anthropology from Yale University in 1980.

Free dental exams offered for children

Free clinical dental examinations for children are being provided by the WU School of Dental Medicine during February, which is National Children’s Dental Health Month.

The free examinations, offered in cooperation with the Greater St. Louis Dental Society, will begin Feb. 1 and continue through Feb. 28.

Children will be examined at the dental school clinic, located at 4459 Scott Ave. (near the intersection of Euclid Ave. and Barnes Hospital Plaza). The program is for children aged 2-12 who live in the greater St. Louis area.

Children will be given examinations of the mouth and teeth. They and their parents will be counseled on proper dental hygiene and on any follow-up work that is needed.

To schedule appointments or for further information, call the School of Medicine’s Department of Pediatric Dentistry at 454-0313 between 9 a.m. and 4 p.m. Appointments are limited.

Employees urged to use clinic entrance

It is imperative that medical school employees remember that the new Barnes Hospital emergency department is not to be used as an entrance to the WU Medical Center.

While the former department was once used as an entrance from the north side of the building, the new Wohl clinic area now provides an appropriate entrance that does not affect a patient care area.

The emergency department entrance is intended for the use of patients and emergency medical personnel only. Please consider the emergency department patients and use the Wohl clinic entrance.
Carl D. Bohl, Sc.D., assistant professor of environmental health in the WU Department of Speech and Hearing at the Central Institute for the Deaf, has been elected chairman of the board for Accreditation in Occupational Hearing Conservation.

A. Maynard Engebretson, D.Sc., a senior research scientist at Central Institute for the Deaf and associate professor of electrical engineering in the WU Department of Speech and Hearing, Gerald R. Popelka, Ph.D., a clinical research scientist at Central Institute for the Deaf and WU professor of audiology in the Department of Speech and Hearing, and Robert E. Morley Jr., D.Sc., a research associate in the Central Institute Research Department and WU assistant professor of electrical engineering, have patented one of the first computerized hearing aid systems. The computerized system helps determine the amount and type of hearing loss and amplifies appropriate sound to compensate for the loss.

Thomas F. Deuel, M.D., professor of biological chemistry and medicine, received the 1985 Liebisch Prize at the American Society of Hematology's annual meeting held in New Orleans this December.

James S. Diamond, Ph.D., lecturer in English and New Testament studies, participated in a panel on "The Effects of Migration on Modern Hebrew Literature" at the annual conference of the Association for Jewish Studies, held recently in Boston. He delivered an invited paper titled "Barakha Kurszel: The Criticism of Deracination." A book he has written, "Homeland or Holy Land? The 'Canaanite Critique of Israel," will be published by Indiana University Press later this year.

Daniel R. Mandelker, J.S.D., Howard A. Stamper Professor of Law, has published his 1985 supplement to NEPA (National Environmental Policy Act) Law and Litigation. The supplement is published by Callaghan & Co.

Dave Ritter, a sophomore forward on the soccer team, has been named to the 1985 Adidas Academic All-American team. Ritter is majoring in chemical engineering and biology at WU. All-American selections must have a 3.2 cumulative grade point average (on a 4.0 scale) throughout their career and must be a starter or key reserve. A second team selection on the Academic All-American team, Ritter scored eight goals and added six assists for the 1-3 Bears, the NCAA Division-I national runner-up. Adidas, in cooperation with the Intercollegiate Soccer Association of America, sponsored the Academic All-American teams. All divisions — NCAA Division I, II and III, and NAIA — were represented on the teams.

Martin S. Silverman, Ph.D., assistant professor of physiology in the WU Department of Speech and Hearing at the Central Institute for the Deaf, presented a paper at the 8th European Conference on Visual Perception, held in Pentiel, Spain. The paper was titled "Decoyxglucose and Electrophysiological Evidence for Spatial Frequency Columns in Cataracte Cortex."

Sondra J. Stang, visiting professor of literature and history, has written The Three-Ingredient Cookbook, recently published by New American Library. The cookbook, which includes recipes contributed by members of the WU community, is an "easy-to-follow guide to making terrific food quickly, easily and inexpensively" using three or four main ingredients in a three-step method.

Murray L. Weidenbaum, Ph.D., Edward Mallinckrodt Distinguished University Professor and director of the Center for the Study of American Business, presented a paper on economic forecasting at the 1985 annual meeting of the American Economic Association, held Dec. 30 in New York City. He delivered a series of lectures on the corporation and government at the Public Affairs Institute, Jan. 6-10 in Pomona, Calif. He also conducted a seminar on economic policy Jan. 8 at the University of Southern California. The third edition of his book Business, Government and the Public was published by Prentice-Hall in January.

Have you done something worthy?

Have you been notified that the following people were 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 full name, highest earned degree, current title and department, along with a description of your noteworthy activity to Notables. Campus Box 1070. Please include a phone number where you can be reached.

Square dancing: No experience necessary for this Woman's Club event

The Women's Club of WU will show the University community the "square dancing method of having fun at 7 p.m. Saturday, Feb. 15.

The club will host a Square Dance and Buffet in the dance studio and lounge of the Women's Building. "You don't have to be an expert at square dancing — no experience is necessary," says club member Lorraine Gnecco. "All you need to know is how to follow instructions and have fun." Gnecco is co-chairperson of the dance, along with Mary Wilson.

The gala is open to all members of the WU community and their families and friends. Tickets are $5 for adults and $3 for children ages 6-15. The deadline for advance reservations is Saturday, Feb. 8. Persons planning to dance should wear soft-soled shoes.

The square dance caller for the gala will be Earl Kinsey, who also calls and teaches at the club's square dance last year. "Earl knows how to take a room full of people who don't know how to dance and get them dancing in minutes," Gnecco remarks. "He encourages everyone to change partners and get to know each other.

"Individuals can attend the event alone or come with a partner or group," Gnecco continues. "Anyone who wants to dance gets a chance. We welcome one and all, including those who'd prefer to eat and only watch the festivities."

The homemade buffet, which will include light sandwiches, chips and dips, will be served from 7 to 8 p.m. in the lounge. Square dancing in the studio will be from 8 to 11 p.m., and dessert will be served in the lounge from 9:30 to 10 p.m. "Rich desserts are our specialty," notes Gnecco. "We'll have everything from baklava to cream puffs."

Gnecco says this year's square dance replaces the organization's formal dinner dance and silent auction usually held in February. "We wanted to show a different facet of the club," she says. "The dinner dance was very formal. We wanted to sponsor a more casual event for 1986." For square dance reservations, send checks, payable to the WU Woman's Club, to Lorraine Gnecco, 7431 Tulane Ave., University City, Mo. 63130. For information, call Gnecco at 721-1619 or Mary Wilson at 962-1490. Tickets also will be sold at the door for $1 more.

NOTABLES

Campus Y recruits student volunteers

As a Campus Y student volunteer, Michael D. Rosenthal is shaping his character while he aids others.

"A lot of students think volunteering takes too much time," comments Rosenthal, a senior in the College of Arts and Sciences from Pine Brook, N.J. "It does require some time commitment, but when students volunteer, they're not just helping someone else. They are helping themselves, too."

Members of the Campus Y currently are recruiting students to participate in the Y's 24 community, campus and leadership programs, which range from tutoring kindergarteners to adopting grandparents. All the programs are run by students. The Y's POCA (People Organized For Community Action) recently held "Campus Y POCA Days" to recruit and acquaint students with volunteer opportunities in the community and on campus. The recruitment is ongoing.

Rosenthal says students can benefit from becoming Y volunteers because members of the organization "are a good support group. The staff and other volunteers are willing to talk to us about anything."

In addition, notes Rosenthal, "volunteering is very satisfying. By working alone or with others, you can do something to help change problems such as poverty and illiteracy. You can make a difference."

For more information, call the Campus Y at 889-5010.
CALENDAR

Thursday, Feb. 6

Friday, Feb. 7
6 and 8:30 p.m. WU Association Film Travel Lecture Series, "Australia, Land of High Contrast," Robert V. Lawrence, filmmaker. Graham Chapel. For ticket info., call 889-5122.

Saturday, Feb. 8


Monday, Feb. 10
4 p.m. Dept. of Psychology Colloquium, "It's Not What You Know, It's Who Knows You Know It!" Steven S. Greenspan, dept. of psychology, U. of North Carolina. 102 Eads.

Tuesday, Feb. 11
Noon. WU Medical Center Employee Fitness Program Lecture Series, "Exercise — What Kind, How Much and Why?" Fifth floor track, Irene Walter Johnson Rehabilitation Instructer, 690 Euclid Ave. Mudd Hall Courtroom.

Wednesday, Feb. 12
11 a.m. Assembly Series Lecture with Dith Pran, New York Times photographer, whose story is featured in the movie "The Killing Field." Also sponsored by the Cultural Celebration Committee, Student Union, Campus Y, Office of Student Activities, Residential Life Center and Stix International House. Graham Chapel.


4 p.m. WU Medical Center Employee Fitness Program Lecture Series, "Exercise — What Kind, How Much and Why?" Schwartz Hall, Barnes Hospital East Bldg.

Thursday, Feb. 13
4 p.m. Public Affairs Thursday Series, "Prospects for Tax Reform in 1986." Murray Feidenbaum, WU Edward Mallinckrodt Distinguished University Professor. Elliot 200 C & D.


Friday, Feb. 14
2:30 p.m. Dept. of Engineering and Policy Seminar, "Integrating Technology into Rehabilitation," Mary Ann Boyle, WU assoc. prof. of occupational therapy, 104 Lopata.


Saturday, Feb. 15

Music
Wednesday, Feb. 12
8 p.m. Dept. of Music Trio Mozart Concert with Jean Lamon, violin, Christina Mahler, cello; and Seth Carlin, piano. Steinberg Aud.

PERFORMANCES
Friday, Feb. 7
8 p.m. WU Performing Arts Area Presents "Schindler: Two Comedies," an evening of two one-act plays. 208 Mallinckrodt Center. Also Sat., Feb. 8, same time, and Sun., Feb. 9, at 2 and 8 p.m. Admission $3.

Saturday, Feb. 8
11 a.m. Women's Swimming, WU vs. William Woods College, Millstone Pool.

7:30 p.m. Women's Basketball, WU vs. Rockhurst College. Field House.

7:30 p.m. Men's Basketball, WU vs. Webster University. Field House.

Tuesday, Feb. 11
7:30 p.m. Women's Basketball, WU vs. Fontbonne College. Field House.

Friday, Feb. 14
5:30 p.m. Women's Basketball, WU vs. Elmhurst College. Field House.

7:30 p.m. Men's Basketball, WU vs. DePauw U. Field House.

Saturday, Feb. 15
7:30 p.m. Men's Basketball, WU vs. Washburn College. Field House.

MISCELLANY
Saturday, Feb. 8
9 a.m.-noon. WU Dept. of Dance will hold children's dance classes at the Dance Studio, Mallinckrodt Center. Ten Saturday classes through April 19. Cost is $40 for 10 sessions. For more info., call 889-5895 or 721-2903.

Monday, Feb. 10
9-11 a.m. Personal Computing Education Center Short Course 130, "Using Macintosh Computer," David Benson, director of PCC. (Also Feb. 11-14, same time.) Free to WU community. To register, call 889-5813.

5-5:30 p.m. Gay and Lesbian Community Alliance: Free discussion. For meeting place, call Women's Resource Center at 889-9445.

Tuesday, Feb. 11
10:30 a.m.-noon. Personal Computing Education Center Short Course 224, "Doing Graphics with Corel," Scott Seely, CDPD senior associate. (Also Feb. 12 and 13, same time.) Free to WU community. To register, call 889-5813.

Wednesday, Feb. 12
8-10 p.m. Cultural Celebration Event featuring the Sociology Band, The Gargoyle Coffee House, Mallinckrodt Center.

Thursday, Feb. 13
9:30 p.m. Cultural Celebration Event, "In the Spirit of the Bat." Umphrediller.

Friday, Feb. 14
11 a.m.-2 p.m. Cultural Celebration Festival. Mallinckrodt Gallery and The Gargoyle.

5-6:15 p.m. Cultural Celebration International Dinner, La Cuisine, Wohl Center.

Saturday, Feb. 15
7 p.m. WU Women's Club Square Dance and Buffet, Women's Bldg. Dance Studio. Buffet 7-8 p.m.; dance 8-11 p.m. and dessert 9-10 p.m. Advance tickets will cost $5 for adults and $3 for children. Tickets at the door will cost one dollar more. Send reservations to Lorraine Gnecco, 7431 Tulane Ave., University City, Mo. 63130, by Feb. 8. More info., call Gnecco at 721-6191 or Mary Wilson at 962-1490.

9 p.m. Cultural Celebration Mardi Gras Party, Mallinckrodt Gallery and The Gargoyle Coffee House, Mallinckrodt Center.

Calendar Deadline
The deadline to submit items for the Feb. 27-March 2 calendar of the Washington University Record is Feb. 13. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be accepted. If available, include speaker's name and identification and the title of the event. Also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1070.