President Ronald Reagan presents Howard Nemerov with the National Medal of Arts during a luncheon June 18 at the White House.

'Reflection of freedom's light'

Reagan presents Nemerov with medal of arts

Howard Nemerov, Edward Mallinckrodt Distinguished University Professor of English at Washington University, received the National Medal of Arts from President and Mrs. Reagan during a White House luncheon June 18 in the East Room. He was one of 11 American artists and arts patrons to receive the 1987 award.

This is the second major award that Nemerov has received in 1987. Last January, he was the first recipient of the Aiken Taylor Award for Modern American Poetry administered by the Sewanee Review and its publisher, the University of the South. The award carried a $10,000 prize.

Proposed by President Reagan, the National Medal of Arts was approved by Congress and enacted into law in 1984 to honor "... individuals or groups who in the President's judgment are deserving of special recognition of their outstanding contributions to the excellence, growth, support and availability of the arts in the United States."

The other honorees are: (artists) painter Romare Bearden; jazz singer Ella Fitzgerald; choreographer Alwin Nikolais; sculptor Isamu Noguchi; composer-songwriter William Schuman; romance novelist Jan Morris; and author Thomas P., who with his wife, Jane, received the medal for their contributions as writers and educators.

Science academy's medical institute elects two faculty

Two faculty members at the School of Medicine of the National Academy of Sciences have been elected emeriti of the prestigious Institute of Medicine of the National Academy of Sciences.

New members of the institute are Michel M. Ter-Pogossian, Ph.D., and Samuel A. Wells Jr., M.D. Ter-Pogossian is professor of radiology at the School of Medicine and director of radiation sciences for Mallinckrodt Institute of Radiology. Wells is Bixby Professor and chairman of the Department of Surgery at the medical school. He is also chief of surgery at Barnes and Children's Hospitals in the Washington University Medical Center.

The two are among 40 new members elected to the institute in recognition of their contributions to health and medicine or related fields. As members of the institute, which was established in 1970, Wells and Ter-Pogossian will help examine health policy issues and advise the federal government.

Ter-Pogossian is often described as the father of positron emission tomography (PET). PET scanners provide images of physiological activity in the brain and other organs of the body, permitting scientists to evaluate changes in organs during disorders such as heart attacks, strokes, depression, epileptic seizures, anxiety attacks and Parkinson's disease. Ter-Pogossian received his master's degree and doctorate from Washington University and has conducted research here for nearly 40 years.

Wells is known for his research on endocrine diseases, particularly the transplantation of endocrine tissues and the identification of tumor markers that are useful in the diagnosis and localization of endocrine tumors. Wells received his medical degree from Emory University, and has been at Washington University since 1981.

There are now 13 faculty members at Washington University who are members of the Institute of Medicine. Total active membership nationwide is 468.

Medal of sciences

At press time, the Washington University Record learned that Rita Levi-Montalcini, M.D., professor emerita of biology, and George E. Pake, Ph.D., Washington trustee emeritus and former provost and executive vice chancellor, had been elected to the National Medal of Sciences from President Reagan. A story on their awards will appear in the Record's August issue.
Work continues at the biology department’s Life Sciences Building, where a $3-5 million addition with an adjacent greenhouse is being constructed.

Renovation projects under way

From Bowles Plaza to the Tao Tennis Center, renovation projects are under way this summer to upgrade the Hilltop Campus.

At Tao, the grounds of the eight tennis courts are being renovated to wipe out those “tremendously big cracks,” says Mike P. Labrador, Wash-ington University’s campus architect.

“The playing surfaces are filled with cracks that have been continuously repaired,” says Labrador. “We’ve filled in the cracks but they just keep coming back. They range from 6 to 12 inches deep and three-quarters to a half-inch wide. We’re excavating the surfaces and putting in new ones. This will finally eliminate the problem.” He says the cracks are caused by worn material beneath the court grounds.

As part of the Tao project, the fencing material that encloses the center’s 10-foot-high fence will be replaced with new wire fabric. Labrador says the existing material has rusted. Electrical outlets, to be used for instructional equipment such as ball-throwing machines, also will be installed in the courts.

The Tao renovation project began June 15 and, barring inclement weather, is scheduled for completion near the end of July. The reopening date of the tennis center will be posted at the athletic complex. At Bowles Plaza, the bricks are being replaced. Labrador says the material under the bricks is worn too, so some of the insulation under the bricks will be replaced.

To enhance the atmosphere of the plaza, several benches will be situated throughout the area. The work at Bowles began in early June and is slated for completion by mid-August.

New benches will be installed and bricks will replace concrete paving on the north side of Wohl Cen-ter. Workers also are upgrading the north and south walkways leading to Olin Library.

The Unatshkeller and the lower gallery of Steinberg Hall are under renovation, and at Brown Hall, an elevator is being installed for the handicapped.

Meanwhile, work is continuing at the biology department’s Life Sciences Building, where a $3.5 million addition with an adjacent greenhouse is being constructed. Off-campus, in Shrewsbury, workers are renovating the Central Stores offices and printing shop.

Blasingame, Schoon promoted

David T. Blasingame has been pro-moted to associate vice chancellor and director, alumni and develop-ment programs, at Washington University and Paul T. Schoon has been promoted to director of special de-velopment programs at the University.

The two appointments, which are effective immediately, were announced by Herbert F. Hitzeman Jr., senior vice chancellor for university relations.

Blasingame, who was named as-sistant vice chancellor and director of schools alumni and development programs in September 1985, will continue to be responsible for the schools development programs (ex-cept for the School of Medicine) and for alumni and parent relations.

In addition, the Office of Special De-velopment Programs will report to him.

Blasingame joined the Wash-ington staff in alumni and development programs in 1974. He served as de-velopment director for the School of Business until his promotion to exec-utive director of the schools develop-ment programs in May 1985. He earned a bachelor’s degree in 1969 and a master’s degree in business ad-ministration in 1971, both from Washington University.

Andrew R. Gottlieb served as editor-in-chief of Student Life for the 1986-87 academic year. James T. Madore and Erick Norlin were co-editors-in-chief of the 1985-86 edition.

The CSPA at its annual Gold Cir-cle Awards banquet recognized several editors for their work. Steve Ed-wards, staff artist, received a second place in cartoon strips for “Fleen wood.” A certificate of merit in editorial writing was awarded to Madore for his piece “Cheating: A Pervasive Problem.” There were more than 3,700 entries in the 1986 Good Circle Awards competition.

Student Life, with a circulation of 9,000, is one of the few indepen-dent college newspapers in the coun-try.

Highest award of scholastic press association goes to Student Life

The American Scholastic Press As-sociation (ASPA) has awarded Washing-ton University’s student newspaper, Student Life, a first place with special merit in its annual review of more than 1,500 college and high school newspapers.

In addition, the Columbia Schola-stic Press Association (CSPA) named the campus paper a medalist in its competition and recognized two stu-dents for their work with Student Life.

The ASPA gave Washington’s 109-year-old student newspaper its highest award — first place with special merit, for the first semester of 1986-87. The Student Life staff has not received the results from two other petitions it entered for the second semester of the academic year.

For the first semester of 1986-87, Student Life received high marks for content coverage, general plan, marketing, design, art and creativi-ty. Student Life scored 955 points out of a possible 1,000. “In the opinion of the judges, the paper was an outstanding overall example of a scholastic publication in format, con-tent and presentation,” according to the ASPA scorecard.

The CSPA named the 1985-86 and 1986-87 Student Life a medalist in its annual competition. The judges gave the fall and spring issues for the 1985-86 academic year 921 points out of a possible 1,000; the fall 1986 issues earned 902 points.

Milburn named assistant dean

P. Jean Milburn, associate director of MBA admissions in the School of Business, will become assistant dean, director of MBA admissions and fi-nancial aid in the school, effective July 1.

Milburn has been associate direc-tor of MBA admissions since 1984 when she received an MBA degree from the University. She earned a bachelor’s degree of the University of San Francisco in 1980. She joined the University in 1980.

She replaces Rachel J. Adler, who had accepted a position as adminis-trator of the Fixed Income Division with the Chicago office of Goldman, Sachs & Co.

Editors: Susan Kellenberg, 889-5254.
Assistant Editor: Bridget McDonald, 899-5201.
Editor, Medical Record: Joni Wenzelhouse, 562-8275.
Editor, Student Life: Lisa Atwood, 889-5208.
Contributing writer: Debra Bernardo, Joyce Bono, Tony DiMartino, Regina Englerking, King McElroy and Carol Sanford.
Photographers: Ed Heine, Stephen Ken-nedy, John Kliger and Herb Welsh.
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Second-class postage paid at St. Louis, Mo.
Faculty receive tenure

The following is a list of appointments with tenure, promotions with tenure and granting of tenure on the Hilltop, Medical and Dental School campuses, effective July 1, 1987, unless otherwise noted:

**Faculty of Arts and Sciences**

**Appointment with Tenure**

- Hugh Steele, professor of music; Henry L. Schey, as professor of drama;

**Promotion with Tenure**

- Anders E. Carlsson, to associate professor of physics; Robert F. Dynek, to professor of earth and planetary sciences; Carolyn S. Gordon, to associate professor of mathematics; William C. Kirsop, to associate professor of history; Nicolas Papaneliocolau, to associate professor of physics; Dolores Pesci, to associate professor of music; Carol Lynne Tatlock, to associate professor of German; Colette H. Winn, to associate professor of French;

**School of Business**

**Appointment with Tenure**

- Don L. Coursey, as associate professor of business economics; Dean H. Kopp, as associate dean of production and operations management;

**School of Dental Medicine**

**Promotion with Tenure**

- Philip F. Schupf, to associate professor of anatomy in biomedical sciences and pathology in the School of Dental Medicine;

**Granting of Tenure**

- Allen Starchoff, as associate professor of oral and maxillofacial surgery;

**School of Engineering and Applied Science**

**Promotion with Tenure**

- Robert E. Morley Jr., to associate professor of electrical engineering;

**School of Law**

**Appointment with Tenure**

- Robert D. Ellis Jr., as professor of law;

**Promotion with Tenure**

- Virginia T. Tokars, to professor of law;

**School of Medicine**

**Appointment with Tenure**

- Thalassalour Mohanakumar, as associate professor of surgery (general surgery), effective March 1, 1987; Robert Strunk, as professor of pediatrics, effective June 1, 1987;

**Promotion with Tenure**

- Michael B. Cain, to associate professor of medicine; Harvey S. Glazer, to associate professor of radiology; Shirley A. Sarmahn, to associate professor of physical therapy; Joseph R. Simpson, to associate professor of radiology; Howard G. Wegus, to associate professor of medicine (dermatology), effective March 1, 1987; and Henry Duvall Royal, as associate professor of radiology, effective March 6, 1987.

**Former history department chairman William B. Chambers dies of Alzheimer's**

William N. Chambers, Ph.D., retired chairman of the Department of History and former member of the Department of Political Science at Washington University, died last week at 65, of Alzheimer's disease in a Veterans Administration hospital in Manchester, N.H. He was 70.

The author of many books and articles in political science and analytical history, Professor Chambers was a nationally prominent scholar and was the recipient of many research fellowships and grants.

A native of Joplin, Mo., he received his undergraduate degree from Harvard College in 1939 and his doctorate from Washington University in 1949.

Professor Chambers was a member of an old St. Louis family. His grandfather, Leonard Matthews, was a founder in 1870 of the first broker- age house in St. Louis. Edwards and Matthews, and was a longtime trustee of the Missouri Botanical Garden. His grandmother, Mary Jane Chambers, studied nursing in England under Florence Nightingale, and in 1890, he moved to St. Louis to found the nursing order at St. Luke's Hospital in the 1870s.

Washington faculty in 1949 and named chairman of the Department of History in 1951. Professor Chambers was also a professor in the Department of Political Science. In 1956-57, he was visiting fellow at Harvard and, in 1959, visiting professor of political science at Columbia. He retired from Washington in 1975 because of ill health.

His major publications include:


Professor Chambers was the first Master of Forsyth Houses, an organization comprised of prominent members of the faculty who dedicated their time and energy to improving the cultural life at St. Louis University. He also served as an adviser to the University's chancellor at the time, Thomas H. Eliot.

He is survived by his wife, Susan, of Chester, N.H.; a son, Wil- liam D. Chambers of New York City; two daughters, Mary Reid Chambers of Walla Walla, Wash., and Catherine Jane Chambers of Arlington, Mass.; a sister, Mary Chambers Wiese of Kirk- woody, Mo.; and three grandchildren.

Donations in Professor Chambers' memory may be made to the Washington University Scholarship Fund in the Department of History, Washington University, Campus Box 162, St. Louis, Mo. 63103 or the Memory Fund in the Department of History, Washington University, Campus Box 8111, 660 S. Euclid, St. Louis, Mo. 63130 or the Memory Fund in the Department of History, Washington University, Campus Box 8111, 660 S. Euclid, St. Louis, Mo. 63130 or the Memory Fund in the Department of History, Washington University, Campus Box 8111, 660 S. Euclid, St. Louis, Mo. 63130 or the Memory Fund in the Department of History, Washington University, Campus Box 8111, 660 S. Euclid, St. Louis, Mo. 63130.

OPINIONMAKERS

**Restoring country's confidence in CIA tough, thankless task for Webster**

Opinion pieces written by the faculty have appeared in major newspapers nationwide. On occasion, the Record will reprint selected items that have appeared on the op-ed pages of these publications.

By James W. Davis, Ph.D.
Professor of political science
Reprinted from The Indianapolis Star

The CIA is getting fresh direction. And high time. There is much to be put right. With details of the Iran- contra scandal still appearing and fresh spy stories in the headlines almost daily, it is patent that the CIA is not a forceful leader. The nation needs to be assured that the CIA is working well — within the law, with strong credentials for the job, is tak- ing on a tough and thankless task.

With the departure of William Webster as CIA director, the country's confidence in the CIA may need more attention and more resources. But those human will have to be protected. Our own losses in the last year or two have had fatal consequences for sources in the Soviet Union. The CIA needs dramatically if sadly the need for a seri- ous counterintelligence effort.

Trying to compensate for the defection of the whole intelligence community, not just the CIA, also is an urgent task. Emphasis on high tech and remote collection (satellites, electronics) has weakened our ability to protect sensitive intelligence, the very stuff of international relations. Human intelligence, "human" in the sense of people, may need more attention and more resources. But those human will have to be protected. Our own losses in the last year or two have had fatal consequences for sources in the Soviet Union. The CIA needs dramatically if sadly the need for a seri- ous counterintelligence effort.

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The nation needs to be assured that the CIA is working well — within the law, with strong credentials for the job, is tak- ing on a tough and thankless task.
Disposable contacts safer than extended wear

Do you enjoy the convenience of your extended-wear contact lenses, but not the time and money it costs to take care of them? Does their tendency to cause vision-threatening infections make you want to throw them out the window?

Starting in September, you can that's when disposable contact lenses will hit the market. They're designed to be worn for up to two weeks, thrown away, and replaced with a fresh pair.

"Disposable lenses are safer, more convenient, and will probably end up costing less than extended-wear lenses," says Jack Hartstein, M.D., associate professor of clinical ophthalmology, instructs patient Susan Hurst on the insertion of her disposable lenses.

The very element that makes extended-wear lenses possible can also make them dangerous: water. Many of these lenses contain as much as 70 percent water, which allows a steady supply of oxygen to pass through the lens to the cornea. Because the cornea can breathe, the lenses can stay comfortably in the eye, even during sleep, for weeks at a time.

But the watery lenses absorb protein, bacteria, and chemical irritants more readily than do daily-wear soft lenses, which are only 30 to 40 percent water. "Even though we instruct patients to remove extended-wear lenses about every two weeks and clean them overnight, deposits still tend to accumulate, compromising vision and health," Hartstein says.

An extended-wear lenses, originally approved for people with natural lenses were removed in cataract surgery, seemed like a good idea when they became generally available in 1981.

"When extended wears came out, I jumped at the chance to wake up every morning or in the middle of the night with clear vision," says Jerry Anthony, 38. "I liked the idea of wearing the lenses for weeks at a time without the daily hassle of putting them in, taking them out, and cleaning them.

But three weeks after he popped in his first pair of prolonged-wear lenses, Anthony contracted a painful eye infection that wouldn't go away. "I went back to wearing glasses and took antibiotics for a year, trying to clear it up."

During the recent three years, he tried different types of extended-wear lenses, with no luck. Infections from protein deposits continued to plague him, complicated by allergic reactions to the preservatives contained in most lens cleansing solutions. At one point, he developed corneal edema — an accumulation of fluid in the eye's outer layer caused by an insufficient flow of oxygen. Corneal edema causes temporarily blurred vision and, left untreated, can lead to blindness.

"In May, just when I was ready to give up and resign myself to glasses, Dr. Hartstein asked if I'd like to try the disposables," Anthony says. "So far, I've had no problems. My vision is crisp and clear, and I never knew a lens could be this comfortable."

For maximum comfort, Anthony inserts fresh lenses about every 10 days, instead of every two weeks as recommended by ophthalmologists. "I've adapted them to my own needs. It might cost me a little more, but it's definitely worth it. I make up for it by not having to buy cleaning solutions and other care products, not to mention medication to clear up those infections."

What about the rest of Hartstein's patients who've tried disposable lenses? "Five patients had trouble putting them in — they're slightly thinner than other lenses," Hartstein says. "But four of those patients had never tried contacts before. We've had no complaints about discomfort, visual clarity and acuity provided by disposables. Without exception, everyone is pleased."

The lenses will cost about $400 a year: the initial fee, which includes an exam, first six-pack of six lenses, about $75, and each subsequent six-pack of six lenses costs about $75. Hartstein expects the price to go down as other companies besides Vistakon begin producing them.

Most extended-wear lenses cost from $500 to $550 a year. Because they wear out so fast from protein absorption and repeated washings, they usually need to be replaced once or sometimes twice a year.

Hartstein estimates that disposable lenses will save costs from $100 to $150 a year on cleansing solutions. And, because the six-pack assures the lens wearer of always having a spare, insurance to cover the cost of lost or damaged lenses is unnecessary. The insurors run about $40 a year in many parts of the country.

Disposable lenses, although thinner and more comfortable than prolonged-wear lenses, are sturdy: the Washington University EB center is directed by Eugene A. Bauer, M.D., professor of dermatology at the medical school and a physician at Jewish hospitals, sponsoring institutions of the Washington University Medical Center.

The center was created in 1983 with a $25,000 donation from the Dystrophic Epidermolysis Bullosa Research Association. It is supported locally by the Epidermolysis Bullosa Foundation, which has raised $1 million to start an operating endowment.

More information is available from the EB center at 362-8171.
Michel M. Ter-Pogossian, Ph.D., has been honored with the McKnight Scholar Award, presented each year to five recipients of the McKnight Foundation. Ter-Pogossian was selected for his valuable contributions to the field of immunopathology since 1974. He received the doctor of medicine degree in 1960 from the University of Havana School of Medicine, and has served as professor of pathology at Washington University School of Medicine since 1985.

Unanue receives MERIT status  
for research on immune system

Emil R. Unanue, M.D., Edward Mallinckrodt Professor and head of the Department of Pathology at the School of Medicine, has been honored for his scientific contributions by receiving MERIT status for his latest grant. The grant is from the National Institute of Allergy and Infectious Diseases, part of the National Institutes of Health (NIH).

MERIT (Method to Extend Research in Time) status guarantees uninterrupted financial support without the time-consuming paperwork and other delays traditionally associated with grant renewal applications. Unanue is the fifth medical school researcher to receive MERIT status, which is attached to only a few NIH grants. Researchers cannot apply for it, but are chosen in recognition of their continued commitment to excellence. Once received, a grant marked by MERIT status may be continued an additional three to five years beyond the initial five-year period, based on an expedited review of work accomplished during that time.

"Earlier this year Dr. Unanue was elected to the National Academy of Sciences in recognition of his research achievements," says William H. Danforth, M.D., chancellor of Washington University. "His receiving MERIT status is further evidence of his valuable contributions to the field of immunopathology, and I congratulate him on this latest award."

Unanue's research focuses on the interactions among immune and brain cells. He has been instrumental in showing the critical role played by macrophages, cells that activate the body's immune response to foreign invaders. Macrophages ingest and destroy foreign substances, and also stimulate the production of specific white blood cells that attack invaders. Macrophages, together with other immune system cells are important in organ transplants and in the body's response to many disease states, especially infection and cancer.

Unanue has been head of the School of Medicine's pathology department since 1985. He also serves as pathologist-in-chief at Barnes, Jewish and Children's hospitals, sponsoring institutions of Washington University Medical Center. He came to St. Louis from Harvard Medical School, where he had been a faculty member since 1970 and Mallinckrodt Professor of Immunopathology since 1974. He received the doctor of medicine degree in 1960 from the University of Havana School of Medicine, and has served an internship in pathology at Presbyterian University Hospital in Pittsburgh.

Parkinson's Disease researchers need volunteers to test new drugs

Researchers at the School of Medicine are seeking volunteers for a new national study to test two drugs that potentially could slow or halt the progression of Parkinson's Disease in patients who show early signs.

The research is the first to try and stop the disease rather than treat its symptoms. The medical school is one of 30 American and Canadian medical centers participating in a $10 million, five-year grant from the National Institutes of Neurological and Communicative Disorders and Stroke. This is the largest federal grant ever awarded for Parkinson's Disease research.

Principal investigator of the local study is Joel S. Perlmuter, M.D., assistant professor of neurology at Washington University and neurologist at Barnes and Jewish hospitals, sponsoring institutions of the Washington University Medical Center.

Perlmuter needs at least 20 patients, aged 55-79, who have been recently diagnosed or show early signs of Parkinson's Disease. His staff is recruiting patients now. Nationally, 800 patients will participate.

The double-blind study will compare the effectiveness of two drugs, deprenyl and tocopherol. Neither drug is currently being used for treatment of Parkinson's Disease, but preliminary evidence suggests they may slow or stop progression of the disease; it is unlikely that they will improve existing symptoms.

Medicines currently available treat symptoms such as slow movements, tremor, stiffness, stooped posture, drooling, lack of facial expression, and unsteady balance — but do not arrest the progression of the underlying disease.

Parkinson's Disease is a progressively disabling illness caused by damage to nerve cells in a region of the brain called the substantia nigra. It's believed that the brains of Parkinson's patients do not produce enough dopamine, a chemical necessary for normal movement, walking and balance. No known therapy slows or halts damage to the brain cells, or the physical disability caused by the disease.

Estimates are that a million people in North America are affected by Parkinson's Disease. Older adults, especially over the age of 55, are most vulnerable. Patients with early Parkinson's Disease frequently are not aware of mild symptoms for months or years. These early symptoms include mild shakiness in the hands or feet, slowed or small handwriting, decreased or blank facial expression, decreased swinging of arms or short steps when walking, slowness of speech, and gender weakness.

For further information, call either 362-7148 or 362-6909.
Reagans host stamp dedication; invite Goldring and Schwartz

Two neurosurgeons from the School of Medicine were among a select group invited to the White House recently to celebrate the dedication of a new postage stamp to honor Harvey Cushing, M.D.

"Two of my secretaries sent out postcards to register now for the places sons who have given many years of service and another award to the Navy to nurses by applying heat to tumors. Hyperthermia means high temperature. Its ability to shrink tumors has been known for almost 100 years, but until recently, there were no safe methods of raising tumor temperatures to the needed level. Today, advanced equipment and increased knowledge have made it possible for doctors to apply heat to tumors safely and effectively. Participants in the symposium will attend lectures covering the basic biology and physics of hyperthermia, techniques for treatment, and current information on clinical results. Workshops will provide the opportunity to observe actual hyperthermia treatment. The Radiation Oncology Center's Hyperthermia Treatment Center was founded in the late 1970s by Carlos A. Perez, M.D., director of the Radiation Oncology Department. Selfridge will assume the role of executive director of the American Association of Neurological Surgeons, which was founded as the Harvey Cushing Society in 1931. Schwartz was head of the Department of Neurological Surgery at the medical school from 1946-76; Gildring, current head, succeeded him in 1974.

Cushing is best known for his work with brain tumors and his studies of the pituitary gland function. The stamp in his honor will be issued in 1988. Three other physicians have been included in the Great American Stamp Series: Charles Drew, Mary Walker and Paul Dudley White.

Annual hyperthermia symposium set

The Radiation Oncology Center at Mallinckrodt Institute of Radiology will hold its third annual Clinical Hyperthermia Symposium and Workshop Sept. 17-19.

The symposium is an international forum for researchers and clinicians to learn about hyperthermia, a technique for treating cancer patients by applying heat to tumors. Hyperthermia means high temperature. Its ability to shrink tumors has been known for almost 100 years, but until recently, there were no safe methods of raising tumor temperatures to the needed level. Today, advanced equipment and increased knowledge have made it possible for doctors to apply heat to tumors safely and effectively. Participants in the symposium will attend lectures covering the basic biology and physics of hyperthermia, techniques for treatment, and current information on clinical results. Workshops will provide the opportunity to observe actual hyperthermia treatment. The Radiation Oncology Center's Hyperthermia Treatment Center was founded in the late 1970s by Carlos A. Perez, M.D., director of the Radiation Oncology Department. The center is now a national leader in this type of cancer treatment. For more information about the symposium, call 362-8500.

Selfridge awarded for dental service

George D. Selfridge, D.D.S., who served as dean of the Washington University School of Dental Medicine for 10 years, has been named the recipient of the Missouri Dental Association's 1987 Distinguished Service Award.

The award was presented recently during the association's 122nd annual session at the Lake of the Ozarks.

The Distinguished Service Award is meant to recognize and honor persons who have given many years of dedicated service to the dental profession of Missouri. Selfridge retired naval officer with the rank of rear admiral, was honored by this award for his dedication to dental education and professionalism.

Before being named dean of Washington's School of Dental Medicine in 1976, he served as commanding officer of the National Naval Dental Center in Bethesda, Md., and prior to that as chairman of the Educational Resources Department at the center. He received numerous awards, including a commendation from the commander of the U.S. Atlantic Fleet for "services performed in connection with training of the submarine crews throughout the Atlantic and European sectors."

Selfridge received his dental degree in 1947 from the University of Buffalo in New York, and later received a master's degree in higher education from the George Washington University in Washington, D.C. He currently serves as chairman of the Department of Orthodontics at the university.
Pete J. Aleman, senior associate with the Center for the Study of Data Processing, has just returned from a month of guest lecturing in the People's Republic of China. His topics were systems analysis and design, office automation and project management. The event was co-sponsored by the United States National Technical Information Service (NTIS) and the National Institute of Science and Technical Information of China (ISTIC). Lectures were presented to graduate students in the institute's Beijing offices, Beijing University and Nanjing University. Additional presentations were made to representatives from various ministries in ISTIC's provincial offices in Nanjing and Shanghai.

Kathleen F. Brickey, J.D., professor of law, delivered a luncheon address on "Corporate Criminal Prosecutions" at the Midwestern Women's Attorneys Association's meetings at the University of Missouri-St. Louis.

Ph.D., professor of political science, in his May 6 edition of The New York Times, Pittman's remarks were made at a recent seminar at the New York Academy of Sciences. He told his audience that the temperance movement is aggressively seeking health warnings and ingredient labeling on alcoholic beverage containers, as well as equal taxation for wine, beer and distilled spirits.

Washington University faculty and staff make news around the globe. Following is a digest of media coverage they have received during recent weeks for their scholarly activities, research and general expertise.

The wine industry is besieged by a "new temperance movement raging in this country," says David J. Pittman, Ph.D., professor of sociology, in the May 6 edition of The New York Times. Pittman's remarks were made at a recent seminar at the New York Academy of Sciences. He told his audience that the temperance movement is aggressively seeking health warnings and ingredient labeling on alcoholic beverage containers, as well as equal taxation for wine, beer and distilled spirits.

Your bones are vulnerable to thinning as early as age 20, unless you make some bone-healthy changes," says an article in the April issue of Health magazine. In the article, Louis Y. Avioli, M.D., Sidney M. and Stella H. Schnoebelen Professor of Medicine, suggests adding milk to your coffee and eating a piece of cheese with breakfast to add calcium to your diet. He is founder of the American Society of Bone and Mineral Research.

"The United States needs battle-ready armed forces abroad," claims James W. Davis, Ph.D., professor of political science, in his May 4 issue of Newsday. He says, "Readiness is not missed until it is needed, but then its absence is tragic."
CALENDAR

July 2-Aug. 6

LECTURES

Wednesday, July 15
8:30 a.m.-1 p.m. Construction Management Center Seminar: "The Closely Held Corporation." Whittemore House, 6440 Forsyth Blvd.
8 p.m. University College Seminar, "There's Life After Work," Peggy Atkins, national certified career counselor and University College academic advisor. Thornsibh Library Branch, 12863 Willowyck, (also July 22, 25, 28, 29 and Aug. 5, 6, and 12 at various times and locations). For more info., call 726-4257.

Saturday, July 18
8:30 a.m.-4 p.m. Construction Management seminar. "The Closely Held Corporation," is open to the public. Whittemore House, 6440 Forsyth Blvd.

Sunday, July 19, July 26, and Aug. 2, at the University's Brookings Quadrangle.

The unique problems of the closely held corporation in the construction industry is the focus of a seminar from 8:30 a.m. to 4 p.m. Wednesday, July 15, in the Whittemore House. The seminar, "The Closely Held Corporation," is open to the public. The cost is $150, which includes lunch at the Whittemore House. Registration is required by Tuesday, July 14.

Closely held corporations are those that are individually owned, family-owned or owned by individuals with a few employees owning minority interests. Such corporations face unique problems with taxes, sales or state valuation of the company and perpetuity. Also, since the network of people involved is so intimate, personal problems often occur in closely held corporations more often than in their larger counterparts.

The seminar is sponsored by the University's Construction Management Center. Among other topics to be discussed are death of a stockholder, taxes, valuation and other legal problems.

Guest speakers (all from St. Louis) include Paul Ullman, chairman of the board of Eidelberg, Ullman and Finger, an investment counseling firm; Roger Kraski, vice president of Centerre Trust Company's Closely Held Properties Division and president of Centerre Safe Deposit Co.; and Lawrence Brody, partner in the law firm of Husch, Eppenberger, Donohue, Elson and Cornfield.

To register, call the Construction Management Center at 889-6343.

Sunday, Aug. 2
8 p.m. Gateway Festival Orchestra Concert. Brooks Quadrangle. Graham Chapel in case of rain.

EXHIBITIONS

The Gallery of Art will be closed through Oct. 2 while the lower level galleries are renovated. It will reopen with a special exhibition called "Paris in Japan," organized by the Gallery of Art and the Japan Foundation of Tokyo.

"Core Exhibit." Works by freshmen and sophomore students in the School of Fine Arts program of drawing, two-dimensional and three-dimensional design. Through July 29.

Marilyn: Christine Koslosky, who will be a sophomore in the fall, created this three-dimensional wire sculpture depicting Marilyn Monroe in a famous pose. The sculpture and other works by freshmen and sophomore students in the School of Fine Arts program of drawing, two-dimensional and three-dimensional design are on exhibit through July 29 in Bixby Gallery, Bixby Hall. Hours are 10 a.m.-4 p.m. weekdays, 1-5 p.m. weekends.

Outdoor summer concerts set

The Gateway Festival Orchestra of St. Louis will present a series of four outdoor summer concerts at 8 p.m. Sunday, July 12, at the Beaumont Pavilion in Washington University's Brookings Quadrangle.

The series, which is free and open to the public, will focus on the works of featured composer Antonio Vivaldi. Works by Claude Berlioz, George Gershwin, Johannes Brahms, Antonin Dvorak and Ludwig von Beethoven also will be performed.

Concerts will be held on Sundays, July 19, July 26, and Aug. 2, at the same time and location.

The program for the first concert includes Bolling's "Suite for Jazz Trio and Chamber Orchestra"; Vivaldi's "Concerto in C for Piccolo," performed by Janet Scott; and Gershwin's "Rhapsody in Blue," with Shirley Parsons Adams on piano.

The audience is encouraged to bring a chair or a blanket. In case of rain, the concerts will be moved to Graham Chapel.

The 50-piece Gateway Festival Orchestra has been presenting free summer concerts in St. Louis for 24 years. The orchestra is conducted and directed by William Schatzkamer, Washington University professor of music. Funding for the series is provided by the Music Performers Trust Fund.

For more information, call 727-6876.

CALENDAR Deadline

The deadline to submit items for the Aug. 6-27 calendar of the Washington University Record is July 25. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1070.

hosts sought for international students

The International Office at Washington University is seeking 60 families to participate in the Host Family Program for the 1987-1988 academic year.

The Host Family Program is designed to promote cultural exchange between Washington's international students and American families. Host families do not provide living accommodations for international students, but do invite the students to their homes throughout the year. The host families help students become oriented to the local community and advise them on tasks such as getting around the St. Louis area, American cooking, making purchases and preparing for winter.

Program coordinators try to match people with common interests. In past years, the hosts have ranged from single adults to three-generation families.

During the 1986-1987 academic year, 721 foreign students from 72 countries attended Washington University. Of the 721 students, 518 were enrolled in graduate programs, and 504 were males. Washington's largest number of international students were from the Orient and Southeast Asia.

For more information, call Jill Hill at 889-5910.

WOMAN'S CLUB OFFERS FREE MEMBERSHIPS

The Woman's Club of Washington University is offering one-year free memberships to women newly affiliated with the University for the 1987-1988 academic year.

The Women's Club offers free memberships for women newly members joining the University for the 1987-1988 academic year. The regular yearly membership fee is $10. Each year, the club offers free one-year memberships to University newcomers.

The Woman's Club is a social organization that sponsors cultural and educational functions. The club also co-sponsors an annual lecture with the Assembly Series, which is followed by the organization's luncheon. Club members are women faculty and staff and wives of faculty and staff.

New members will receive the 1987-1988 club yearbook, which contains a membership directory and calendar. They also will receive a monthly newsletter.

For more information, call Elizabeth Nicholas, club president, at 725-7965 or Winifred Derrickson, membership chairman, at 727-8985.