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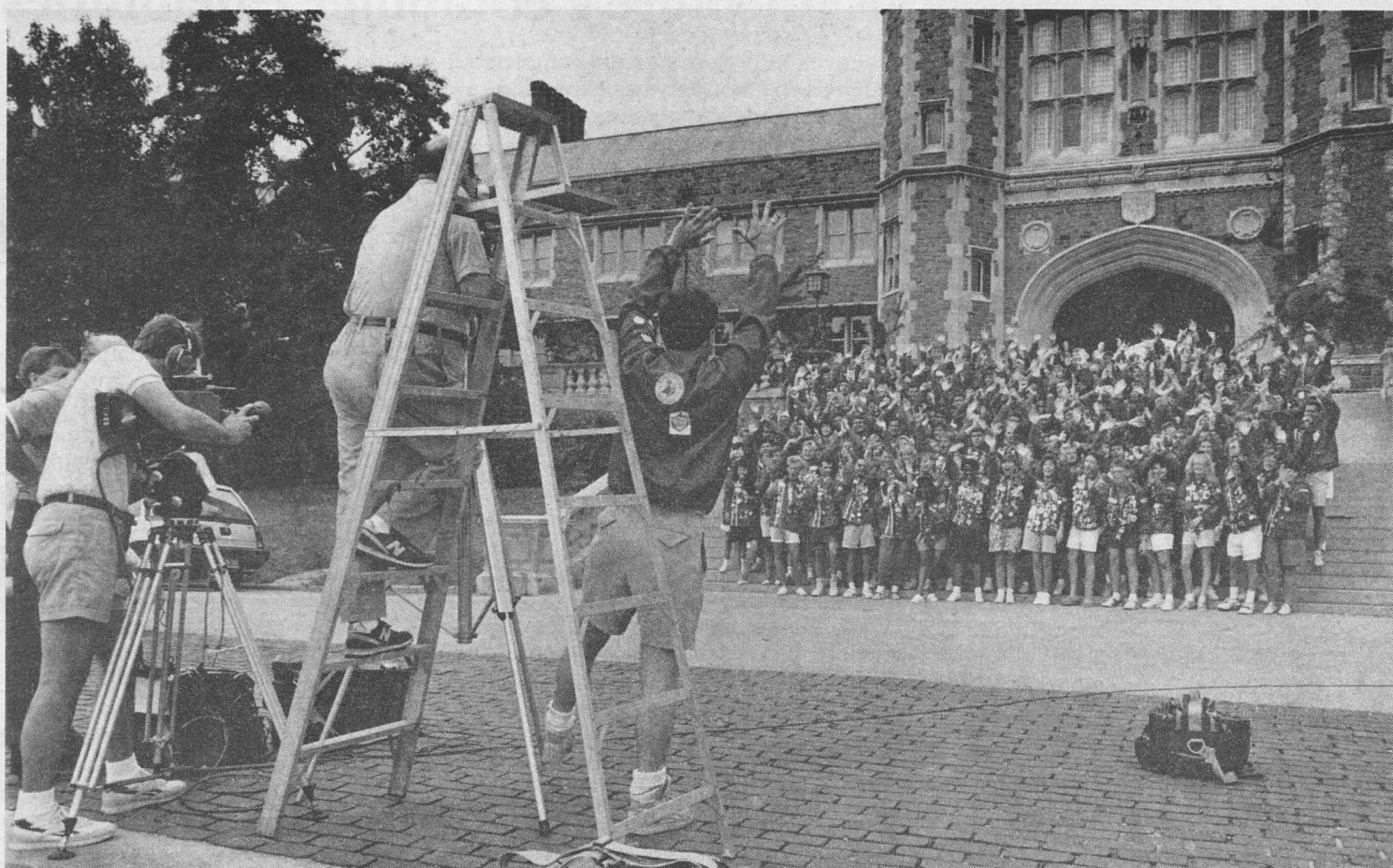
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RECORD

Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Vol. 12 No. 35/Aug. 4, 1988



"Good Morning America": Brookings Hall serves as a backdrop for a 10-second segment to be broadcast nationwide in mid-November on ABC's "Good Morning America." After an introduction by Hugh O'Brien, founder of the Hugh O'Brien Youth Foundation (HOBY), 195 high school sophomores from 50 states and 20 countries shout to the camera "good morning America." The high schoolers are in St. Louis for the HOBY International Leadership Seminar, which is being held July 29-Aug. 5. Washington University and Southwestern Bell Corp. are serving as hosts. For more on the leadership seminar, see page 2.

Institute of Medicine elects researcher Philip W. Majerus

Philip W. Majerus, M.D., professor of biological chemistry and medicine at the School of Medicine, has been elected a member of the prestigious Institute of Medicine of the National Academy of Sciences.

Majerus is one of 40 new members of the institute, which was created in 1970 to examine public health policy matters. New members are chosen by currently active members for major contributions to health and medicine or to related fields, among them social and behavioral sciences, law, administration and engineering.

Terms for new members began July 1, bringing the organization's total membership to 474. There are currently 14 faculty on staff at the School of Medicine who are active members.

Majerus was elected to the Institute of Medicine in recognition of his research on the role of platelets in forming blood clots and for the discovery of mechanisms by which cells respond to hormones and other external agents. These responses follow the formation of several different messenger molecules that carry signals from the cell's surface to its interior and other cells. Interference with the formation of one such messenger provides the basis for the use of aspirin to prevent blood clots.

Majerus is well known for his pioneering clinical research indicating

Fleischer receives MacArthur Fellowship

Cornell H. Fleischer, Ph.D., associate professor of history and director of the Center for the Study of Islamic Societies and Civilizations at Washington University, has been named a MacArthur Fellow, an award that will bring him \$240,000 over five years.

Fleischer was one of 31 people across the country selected by the John D. and Catherine T. MacArthur Foundation of Chicago to receive the prestigious MacArthur Fellowship for 1988.

The fellowships are awarded with no strings attached. When the awards were established in 1981, foundation administrators said they wanted unrestricted financial support to free creative individuals from economic and institutional pressures. The foundation imposes no reporting requirements or restrictions on the fellows.

The MacArthur Fellowships range in amount from \$150,000 to \$375,000 over five years, depending on the age of the recipient.

Fleischer, 37, specializes in the intellectual and political organization of Islamic Middle Eastern and Ottoman society. His teaching, writing and interpretations have affected the study of Ottoman civilization and its place in the premodern Islamic world. The Ottoman Empire lasted roughly from 1300 to 1923, when the modern Republic of Turkey was established.

He is the author of a pioneering work of Ottoman intellectual history, titled *Bureaucrat and Intellectual in the Ottoman Empire* (Princeton, 1986). The projects he plans to work on during the five-year-award period include a book he is currently writing on ideological and social change in the 16th-century Ottoman Empire. He also will write a book on Ottoman state and society from 1500 to 1800 for a series on the history of early modern Europe to be published by Oxford University Press.

Fleischer said he began his academic career as a student of Arab and Iranian Islamic society. However, for the past 10 years, he has focused primarily on the Ottoman Empire. He said the grant will give him the opportunity to spend more time researching and writing in the broader field he first entered. "I would like to return to and devote more time to a comprehensive comparative study of a number of early modern Islamic societies," he said.

Fleischer received his bachelor's, master's and doctoral degrees from Princeton University. He joined the University faculty in 1982.

Individuals cannot apply for a MacArthur Fellowship. Instead, names are proposed to the foundation by a group of more than 100 designated nominators in a variety of professions and areas of the country. The nominators serve anonymously for one year.

Continued on p. 3

Martin Israel named dean of Arts and Sciences faculty

Martin H. Israel, Ph.D., professor of physics and acting dean, has been named dean of the Faculty of Arts and Sciences, according to Chancellor

William H. Danforth. Israel had been acting dean since March 1987.

Israel, who was associate director of the McDonnell Center for the Space Sciences, is internationally recognized for his research in cosmic-ray astrophysics.

"Dr. Israel has been a dedicated and hard-working acting dean of the Faculty of Arts and Sciences," according to Chancellor Danforth, "and we have high expectations that he will bring leadership and careful judgment to the dean's office."

A graduate of the University of Chicago (1962), Israel holds a doctorate (1969) from the California Institute of Technology. He joined the Washington faculty in 1968 as an assistant professor. He was named an associate professor in 1973 and a full professor in 1975.

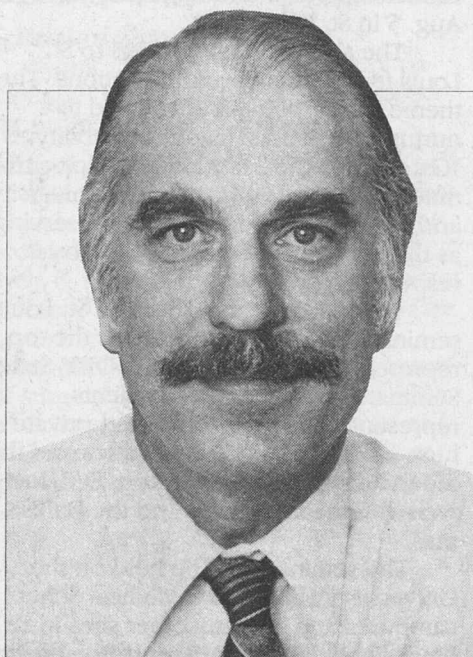
He is a Fellow of the American Physical Society (APS), and past chairman of the Cosmic Physics Division of APS.

He has just completed a three-year term as a member of NASA's Space and Earth Sciences Advisory Committee.

Continued on p. 2



Martin H. Israel



Philip W. Majerus

that daily low doses of aspirin can help prevent possibly fatal thrombosis (blood clotting) in kidney dialysis patients, without harmful side effects. His study suggested that aspirin might prevent clotting among patients who had already suffered one such occurrence, and indicated that healthy persons might take aspirin on a regular basis to reduce the possibility of a heart attack. A follow-up study conducted at Harvard University and published earlier this year in the *New England Journal of Medicine* confirmed Majerus' preliminary work.

Majerus has been on the University's faculty since 1966. He is co-director of the Division of Hematology-Oncology, principal investigator and director of the Specialized Center for Research in Thrombosis, and a physician at Barnes Hospital. He graduated magna cum laude from the School of Medicine in 1961.



Hugh O'Brian greets Marit Mesken from the Netherlands. The leadership seminar participants, who were given red windbreakers when they arrived in St. Louis, exchanged pins from their states or countries.

Tomorrow's leaders

Treasurer Ortega is among speakers at international youth leadership seminar

Some of the nation's top corporate and political leaders are voluntarily occupying the hot seat when they are queried by 195 outstanding high school sophomores during the Hugh O'Brian Youth Foundation (HOBY) International Leadership Seminar being held July 29-Aug. 5 in St. Louis.

The sophomores traveled to St. Louis from 50 states and 20 nations. The theme for the seminar, designed to nurture the youths' leadership ability, is "Gateway to the 21st Century: Opportunities Unlimited." Washington University and Southwestern Bell Corp. are serving as the university and corporate hosts, respectively.

The students attending the St. Louis seminars have been selected as the top representatives from the 83 HOBY State Seminars, which include students representing 11,000 public and private high schools in the United States and the federal district of Washington, D.C., as well as Canada, Mexico and the Bahamas.

The seminars will be held on the University's Hilltop and Medical School campuses and at many other sites in St. Louis, including the Missouri Botanical Garden and the St. Louis Science Center. The program is not open to the public.

In addition to a luncheon address by Katherine D. Ortega, treasurer of the United States, the prestigious event features 15 seminars on topics ranging from corporate ethics and social responsibility in business, to detailing what government agencies in America and abroad are doing to protect citizens against terrorism and other crimes.

There are also seminars on world hunger, challenges to the constitution in the 21st century, and the U.S. presidency and the democratic process.

Unlike most seminars where speakers address the audience during the entire program, HOBY panelists speak for approximately five minutes. For the remainder of the two-hour seminars, the speakers respond to challenging and sometimes controversial questions posed by the students.

Among the participants for the two-weeklong event are Sanford N. McDon-

nell, chairman emeritus, McDonnell Douglas Corp., and Stanley C. Pace, chairman and chief executive officer, General Dynamics Corp., who serve as panelists for a corporate ethics seminar; Louis Harris, president of the Louis Harris & Associates Inc. polling firm, discussing conducting business in the 21st century; Charles T. Manatt, a Washington, D.C., attorney and past chairman of the Democratic National Committee, and R. Gordon Hoxie, president, Center for the Study of the Presidency, discussing the U.S. presidency and the democratic process; and Steven L. Pomerantz, section chief, Counter-Terrorism Section, FBI, William L. Webster, attorney general for Missouri, and George R. "Buzz" Westfall, prosecuting attorney, St. Louis County, discussing crime: an international dilemma.

Other panelists include U.S. Rep. Richard A. Gephardt (D-Mo.), Murray Weidenbaum, Edward Mallinckrodt Distinguished University Professor and director of the Center for the Study of American Business, Washington University, and Sam Kusumoto, president, Minolta Corp., discussing balancing world trade; and Pasco M. Bowman, U.S. Circuit Judge, U.S. Court of Appeals, 8th Circuit, and Thomas F. Eagleton, University Professor of Public Affairs, Washington University, discussing challenges to the constitution in the 21st century.

This year marks the 30th anniversary of The HOBY Foundation, which is supported by the nation's top corporations and civic organizations and has alumni of more than 55,000 young leaders.

The Hugh O'Brian Youth Foundation was founded by Hugh O'Brian, star of motion pictures and television, who, in 1958, traveled to Africa to visit Dr. Albert Schweitzer at his famous clinic in Lambarene, Gabon. This meeting served as a catalyst for the creation of the Foundation, an organization that seeks out, recognizes, and rewards potential leaders among high school sophomores from around the world.

Givens Hall renovation enhances architecture's computer capabilities

A renovation project recently completed at Givens Hall not only has expanded the architecture school's space, but eventually will lead to a dramatic increase in the use of computers in the school's curriculum, says Constantine E. Michaelides, dean of the School of Architecture.

"This renovation is the most significant project — in terms of expenditure and magnitude — in upgrading the School of Architecture in recent years," Michaelides says.

The west end of the second floor of Givens Hall, which once housed two small studios and an office, will soon be home to the school's computer operations. The \$360,000 renovation included the addition of a new mezzanine that will house an architectural design studio and two new faculty offices.

With a number of computer workstations, the new facilities will permit the school to expand its use of comput-

ers and integrate them into the graduate architectural design sequence. During the past five years, computer-aided architectural design seminars and workshops have been offered to only a limited number of graduate students each semester. The expanded computer facilities will allow greater access to computers for more students.

The St. Louis firm of Ittner and Bowersox, which recently won an Honor Award for an addition to Louderman Hall in the chemistry complex, designed the renovation.

The project is the result of academic work done by the school's Teaching Innovation Committee, whose members have been working on plans for several years. Committee members are Assistant Professor David Van Bakergem, director of the Urban Research and Design Center; Associate Professor Iain Fraser; Assistant Professor Rod Hemni; Associate Dean Jim Harris; and Michaelides.

Women's Society awards scholarship

James Ridings, who will graduate from the St. Louis Community College at Florissant Valley in August, has won a two-year full tuition scholarship to Washington University. The University's Women's Society awarded the honorary scholarship for the 13th consecutive year.

The scholarship is awarded on the basis of academic record and achievement outside the classroom, irrespective of financial need. Ridings, who will enter Washington's School of Engineer-

ing this fall to study electrical engineering, was selected from a field of 56 candidates and had a 3.95 grade point average on a 4.0 scale at Florissant Valley. He will receive an associate degree in engineering science from the community college.

Ridings, who is on the dean's list at Florissant Valley, recently was named the Outstanding Mathematics Student of the Year. He plans to pursue a career in space exploration.

Israel — continued from p. 1

From 1985-87, he chaired NASA's Particle Astrophysics Magnet Facility Definition Team.

In his research, Israel and his colleagues have developed innovative instruments to study the composition of

cosmic rays. These detectors are sent aloft in spacecraft and stratospheric balloons. His pioneering work earned Israel the NASA Exceptional Scientific Achievement Award in 1980.

Hardy Fuchs dies; Information Services director since 1968

Hardy H. Fuchs, 59, director of Information Services at Washington University, died Sunday, July 10, at his home in south St. Louis County after a prolonged illness.

Fuchs began his association with the University as a student in 1946, and graduated from the School of Business in 1950. After holding various positions with Ely Walker and Co. and Burlington Industries, he returned to the University in 1966 and was named director of Information Services in 1968. In this position, Fuchs provided the leadership for the automation of the University's administrative functions. He also had served as an instructor of data processing in University College.

Fuchs was active in many local and national data processing organizations, and was a lifelong member of the South County Optimists Club.

He is survived by his wife, Virginia; a daughter, Elaine Halley; a son, Hardy Charles Fuchs; and two grandchildren. Memorial contributions may be made to Washington University or VNA/Community Hospice.

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NOTABLES

Charles B. Adams, an editor in the publications office, won second place in the St. Louis Writers Guild short story contest. This is the second year that Adams was awarded second place in the contest. His winning story, titled "Moving Day," is being considered for publication in St. Louis Home Magazine.

Louis (Ned) Alfeld, J.D., affiliate professor in the departments of civil engineering and engineering and policy, has written a book on *Construction Productivity* (McGraw-Hill, 1988). He also has opened a law firm in Clayton, Mo., specializing in construction law.

Robert Benson, J.D., associate vice chancellor for computing and communications; **Bill Smith**, director for information systems; **Alan Steigelman**, Ph.D., systems and procedures manager; **Thomas Harig**, director of general services; and **Chuck Hogan**, assistant director of general services, constituted a panel that presented a workshop at the national conference of the National Association of Educational Buyers (NAEB), held in New Orleans. The topic was "Electronic Purchasing, The Washington University Story." NAEB is a national organization with a membership of more than 2,000 colleges and universities.

Iver Bernstein, Ph.D., assistant professor of history, was an invited keynote speaker at a conference on "Labor in New York." He spoke on "Democracy and Phases in the History of Labor in the 19th century" at the conference, which was sponsored by the New York Historical Society.

Saul Boyarsky, M.D., J.D., professor of urologic surgery, wrote an article, titled "Informed Consent: Current Concepts," that was published in *Legal Aspects of Medical Practice*, May 1988, which is the official publication of the American College of Legal Medicine.

Marybeth Brown, Ph.D., assistant professor in physical therapy, has been elected a Fellow of the American College of Sports Medicine (ACSM). She was recognized by the ACSM during its annual meeting in Dallas, Texas. While at the conference, she presented a paper on "The Low and High Intensity Exercise Effects on Selected Physical Performance Characteristics in Older Adults."

Glenn C. Conroy, Ph.D., professor of anatomy and anthropology, and **Michael W. Vannier**, M.D., associate professor of radiology, were awarded the first Phillip V. Tobias Essay Prize for their research paper on the application of 3-D imaging of early hominid fossil skulls. The award was presented to Conroy in a ceremony in May at the University of Witwatersrand Medical School in Johannesburg, South Africa. The prize was established by the Institute for the Study of Man in Africa in honor of Tobias, through whose efforts the institute was established and in recognition of his contributions as an academic leader and a humanist. 3-D imaging allows investigators to electronically dissect a fossil skull without damaging the specimen. Conroy and **Jane Phillips-Conroy**, Ph.D., associate professor of anatomy and anthropology, spent three weeks in South Africa visiting the University of the Witwatersrand, The University of Cape Town, and The University Centre for Studies in Namibia in Windhoek, Namibia.

Susan Crawford, Ph.D., director of the medical school library and professor of biomedical communication, has received the Medical Library Association's (MLA) Award for achievement as editor of the *Bulletin of the Medical Library Association*. The award, presented at the MLA annual meeting in New Orleans, is the first bestowed by the association to the editor of its international journal. Crawford also recently was elected to the board of overseers to the university libraries of Tufts University.

Paula B. Davis, M.D., instructor in medicine in the Program on Aging (Department of Medicine) and post-doctoral trainee in psychiatric epidemiology (Department of Psychiatry), and **Lee N. Robins**, Ph.D., professor of sociology in psychiatry, received the first place poster award at the joint 45th Annual American Geriatrics Society/9th Annual American Federation for Aging Research Meeting, held in Anaheim, Calif. The poster, titled "Mortality in Community-Dwelling Elders With and Without Cognitive Impairment," examined the relationship of cognitive problems with one-year mortality, using data from the National Institute of Mental Health Epidemiologic Catchment Area Project. Data was collected using the diagnostic interview schedule developed by Robins and **John E. Helzer**, M.D., professor of psychiatry.

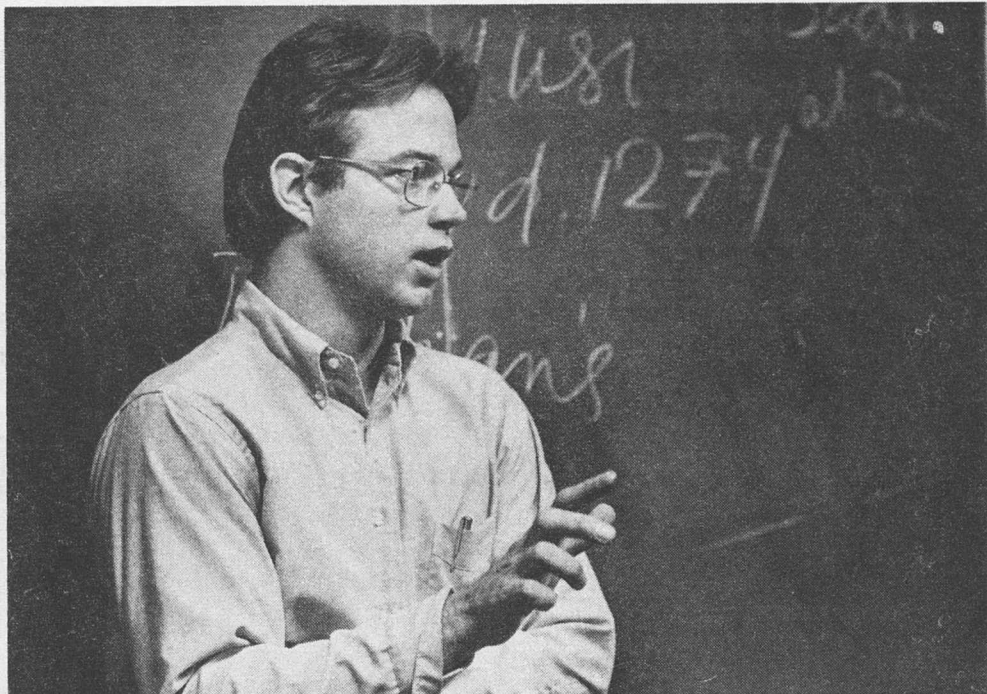
Dorsey D. Ellis Jr., J.D., dean and professor at the School of Law, has received a 1988 Distinguished Alumni Award from Maryville College in Maryville, Tenn. The award recognizes "his career as a legal scholar and teacher and his outstanding abilities as an administrator." Ellis received a bachelor's degree in history from Maryville College in 1960. He was honored at the annual Maryville College Alumni Banquet, where he was presented with a citation. The banquet was held in conjunction with the college's commencement activities.

Charles L. Leven, Ph.D., professor of economics, delivered a lecture on "Postindustrialism, Regional Change and the New Urban Geography" at an Urban Studies Program colloquium in the Department of Civil Engineering at Stanford University.

Joseph J. Volpe, M.D., A. Ernest and Jane G. Stein Professor of developmental neurology and professor of pediatrics, neurology and biological chemistry, delivered the E.B.D. Neuhauser Lecture at the annual meeting of the Society for Pediatric Radiology in San Diego. He also presented an invited address at the Centennial Symposium of the American Pediatric Society, held in Washington, D.C. In both lectures, he discussed aspects of brain injury in the premature infant, with an emphasis on means of prevention. Volpe is director of the Division of Pediatric Neurology.

Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected an officer of a professional organization? The Washington University Record will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your full name, highest-earned degree, current title and department along with a description of your noteworthy activity to Notables, Campus Box 1070, or by electronic mail to p72245 SS at WUVMC. Please include a phone number.



Cornell H. Fleischer, associate professor of history, was one of 31 people in the country to receive the prestigious MacArthur Fellowship.

Fleischer — continued from p. 1

Their nominations are reviewed by a 15-member selection committee. Final approval comes from the foundation's board of directors.

Among this year's fellowship recipients are individuals in the fields of agriculture, jazz, military history, puppet theatre, seismology, paleontology,

feature and documentary film, ecological history, Ethiopian studies, fiction, and community development.

Peter H. Raven, Ph.D., Engelmann Professor of Botany at the University and director of the Missouri Botanical Garden, received a MacArthur Fellowship in 1985.

Faculty promotions announced

The following faculty received promotions, effective July 1, 1988.

Hilltop campus

Joseph J. H. Ackerman, to professor of chemistry; Barry C. Ames, to professor of political science; *Ian W. Duncan, to associate professor of biology; Marvin J. Fisher, to professor of electrical engineering; *Roger F. Gibson, to associate professor of philosophy; Robert E. Hegel, to professor of Asian and Near Eastern languages and literatures; John I. Hochstein, to associate professor of mechanical engineering;

*Pascal A. Ifri, to associate professor of French; Kenneth L. Jerina, to professor of mechanical engineering; Edward F. McClennen, to professor of philosophy; *William B. McKinnon, to associate professor of earth and planetary sciences; Seth W. Norton, to associate

professor of marketing and business economics; Jeffrey Skolnick, to professor of chemistry; Kevin Z. Truman, to associate professor of civil engineering;

School of Dental Medicine

Samir El-Mofty, to professor of pathology; *Paul H. Schlesinger, to associate professor of cell biology;

School of Medicine

Harry C. Blair, to assistant professor of pathology; Thomas J. Braciale, to professor of pathology; Marybeth Brown, to assistant professor of physical therapy; *Robert M. Carney, to associate professor of medical psychology in psychiatry; Joel D. Cooper, to professor of surgery (cardiothoracic surgery); John A. Cooper, to assistant professor of cell biology and physiology; Peter B. Corr, to professor of pharmacology;

Continued on p. 4

NEWSMAKERS

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.

Howard Nemerov, Edward Mallinckrodt Distinguished University Professor of English, has been named 1988-89 poet laureate of the United States. This Congressional appointment received wide news coverage across the nation, including *Time*, *Christian Science Monitor*, *New York Times*, *Chicago Tribune*, *Los Angeles Times*, and *U.S. News and World Report*.

"Paris in Japan: The Japanese Encounter with European Painting," (Washington University Gallery of Art,

Oct. 2 - Nov. 22, 1987), was billed as the first exhibition in America to explore the influence of the West on late 19th-century and early 20th-century Japanese culture. An extensive article about the exhibit, which was later presented in New York and Los Angeles, appeared in the May issue of *Art in America*. During the year the exhibit toured America, other stories regarding the show appeared in *Time*, *Philadelphia Inquirer*, *Orlando Sentinel*, *Artweek*, *Los Angeles Herald Examiner*, *Harper's Bazaar*, *Wall Street Journal*, *Christian Science Monitor*, *Vogue*, *Northwest Airlines Magazine*, *Chicago Tribune*, *Kansas City Times*, *Arts Magazine* and *The New York Times*. Broadcast media coverage included National Public Radio's "All Things Considered" and CBS "Sunday Morning."

CALENDAR

Aug. 4-Sept. 1

MUSIC

Tuesday, Aug. 9

8:30 p.m. Dept. of Music Presents the Classic Summer Orchestra concert with Dan Presgrave, director. Bowles Plaza.

Wednesday, Aug. 31

4-6 p.m. Auditions for WU Symphony Orchestra. Tietjens Rehearsal Hall. To schedule an audition, call 889-5581.

Thursday, Sept. 1

4-6 p.m. Auditions for WU Wind Ensemble. Tietjens Rehearsal Hall. To schedule an audition, call 889-5581.

7 to 8:30 p.m. Auditions for WU Symphony Orchestra. Tietjens Rehearsal Hall. To schedule an audition, call 889-5581.

EXHIBITIONS

"Highlights From the Permanent Collection" with 20th-century art in the upper gallery and with 19th-century art in the lower gallery. Both portions close Aug. 21. The Gallery of Art is closed on Mondays during the summer months. Hours are 10 a.m.-5 p.m. Tuesday-Friday and 1-5 p.m. weekends. For more info., call 889-4523.

Calendar Deadline

The deadline to submit items for the Sept. 1-10 calendar of the Washington University Record is Aug. 18. 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. Send items to King McElroy, calendar editor, Box 1070, or by electronic mail to p72245KM at WUVMC.

Audition times set for Wind Ensemble, Symphony Orchestra

Audition dates have been set for both Washington University's Wind Ensemble and Symphony Orchestra.

All brass, woodwind and percussion players in the St. Louis community are invited to audition, by appointment, from 4 to 6 p.m. Thursday, Sept. 1, and Friday, Sept. 2, in Tietjens Rehearsal Hall for the 1988-89 Wind Ensemble season. Late auditions will be scheduled by appointment only.

The Wind Ensemble is directed by Dan R. Presgrave, director of bands. The 55-member ensemble, founded in 1972 by Presgrave, plays a repertoire that includes the best wind literature from all periods, ranging from chamber pieces to full concert band music.

The Washington University Symphony Orchestra will hold auditions for the 1988-89 season Aug. 31-Sept. 1 in Tietjens Rehearsal Hall. Auditions will be held, by appointment, from 4 to 6 p.m. Wednesday, Aug. 31, and from 7 to 8:30 p.m. Thursday, Sept. 1. Late auditions will be scheduled by appointment only.

Founded in the 1940s, the Symphony Orchestra is a select group of musicians dedicated to the performance of the symphonic repertoire from Baroque to modern periods. The orchestra, a collegiate member of the American Symphony Orchestra League, also is directed by Presgrave.

To schedule an audition or for more information, call 889-5581.



A-maize-ing: Despite the drought around the country, corn stalks as high as 15-feet can be found right in the University's backyard. The biology department's "maize garden," a quarter of an acre plot beside the east wing of the Alumni House, is flourishing with the benefit of an irrigation system. Carol Keyes, Ph.D., a postdoctoral fellow in biology, stands on a 6-foot stepladder to pollinate ears of corn. She then covers the ears with a paper bag to keep airborne pollen away. Seeds produced from this controlled pollination are used in a laboratory project studying the genetic response to anaerobic (flooding) stress. The project is being conducted in the laboratory of Martin M. Sachs, Ph.D., assistant professor of biology.

Promotions — continued from p. 3

James M. Corry, to associate professor of clinical pediatrics; *Edmond C. Crouch, to associate professor of pathology; John C. Davis, to assistant professor of clinical pediatrics; Sondra J. Dodson, to assistant professor of clinical pediatrics; James W. Fleshman Jr., to assistant professor of surgery (general surgery); Elliot Field Gellman, to associate professor of clinical pediatrics; Randall E. Genton, to assistant professor of medicine;

Martin D. Jendrisak, to assistant professor of surgery; William G. Jurgens Jr., to associate professor of clinical medicine; Robert B. Kopitsky, to assistant professor of medicine; Phillip E. Korenblat, to professor of clinical medicine; Bruce A. Kraemer, to assistant professor of surgery (plastic and reconstructive surgery); Susan Elaine Krul, to research assistant professor of medicine;

Richard L. Lazaroff, to assistant professor of clinical pediatrics; Marc S. Levin, to assistant professor of medicine; *Collins E. Lewis, to associate professor of psychiatry; *Dennis Y. Loh, to associate professor of medicine; Thomas C. McKinney, to assistant professor of clinical pediatrics; Mary V. Marx, to assistant professor of radiology; Thalachallour Mohanakumar, to professor

of surgery (general surgery);

Carlos M. Monzon, to assistant professor of clinical pediatrics; Homer E. Nash Jr., to associate professor of clinical pediatrics; Steven I. Plax, to associate professor of clinical pediatrics; Joseph V. Pardo, to assistant professor of psychiatry; Daniel A. Portnoy, to assistant professor of microbiology and immunology; William G. Powderly, to assistant professor of medicine;

Gary A. Ratkin, to associate professor of clinical medicine; John P. Rice, to professor of biostatistics; Deborah C. Rubin, to assistant professor of medicine; *Eugene H. Rubin, to associate professor of psychiatry; Richard W. Sato, to assistant professor of clinical pediatrics; *Daniel P. Schuster, to associate professor of medicine; Shakuntla Seetharam, to research assistant professor of medicine;

Gregorio A. Sicard, to professor of surgery (general surgery); Elizabaeth M. Smith, to research associate professor of social work in psychiatry; Samuel L. Stanley Jr., to assistant professor of medicine; John W. Turk, to associate professor of pathology; and Kathryn A. Yamada, to research assistant professor of medicine.

*Promotion with tenure

Faculty granted tenure

The following is a list of appointments with tenure, promotions with tenure and granting of tenure for Hilltop, Medical and Dental school faculty, effective July 1, 1988, unless otherwise noted:

Appointment with tenure

Joel D. Cooper, as professor of surgery (cardiothoracic surgery); Iain Fraser, as associate professor of architecture, effective March 4, 1988; Maria Ines Lagos-Pope, as associate professor of Spanish; William F. P. Malone, as professor of restorative dentistry, effective August 1, 1988; Chakravarthi Narashimhan, as associate professor of marketing; Jay S. Pepose, as associate professor of ophthalmology; Alagarsamy Srinivasan, as associate professor of ophthalmology; Kenneth S. K. Tung, as professor of pathology;

Promotion with tenure

Robert M. Carney, to associate professor of medical psychology in psychiatry; Edmond C. Crouch, to associate professor of pathology with tenure guaranteed by Jewish Hospital; Ian W. Duncan, to associate professor of biology; Roger F. Gibson, to associate professor of philosophy; Pascal A. Ifri, to associate professor of French;

Collins E. Lewis, to associate professor of psychiatry; Dennis Y. Loh, to associate professor of medicine; William B. McKinnon, to associate professor of earth and planetary sciences; Eugene H. Rubin, to associate professor of psychiatry; Paul H. Schlesinger, to associate professor of cell biology; and Daniel P. Schuster, to associate professor of medicine.

Granting of tenure

William F. Hickey, as associate professor of pathology, effective March 4, 1988; Henry J. Kaplan, as professor of ophthalmology, effective March 4, 1988; Jeff W. Lichtman, as associate professor of neurobiology, effective March 4, 1988; Stanley Strembecki, as associate professor of art; and Jonathan S. Turner, as associate professor of computer science.

Summer Orchestra to perform Aug. 9

The Classic Summer Orchestra, an ensemble hosted by Washington University, will perform at 8:30 p.m. Tuesday, Aug. 9, in Bowles Plaza. The concert is free.

The orchestra, conducted by Dan R. Presgrave, will perform Richard Wagner's "Die Meistersinger Overture," Mozart's "Symphony No. 40," and George Bizet's "L'Arlesienne Suite."

The Classic Summer Orchestra is made up of musicians from throughout the St. Louis area. For more information, call the music department at 889-5581.