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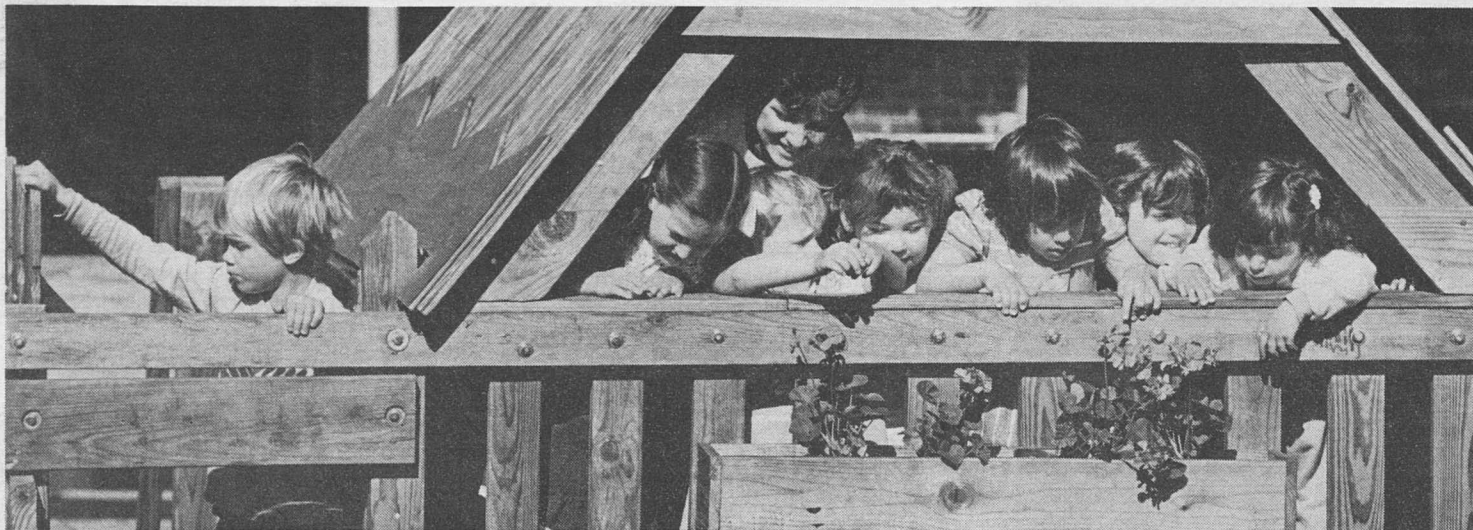
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RECORD

Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Vol. 11 No. 32/April 30, 1987



Khalil's House

Children at the Washington University Nursery School in the Millbrook Apartment complex enjoy "Khalil's House," their new multi-purpose playhouse. The structure was designed and constructed by Khalil Hassan, an alumnus and parent of one of the schools' 120 children. The structure includes a slide, sitting room, fireman's pole, tunnel, storage unit, ladder and tires to climb. Maya Zuck, director of the Nursery School, says the playhouse has features that challenge the body and promote social interaction. Watching it being built was a learning opportunity for the children, says Zuck. "From seeing the cement being poured for the foundation to watching the frame of the house go up, the whole process was actually done before the children's eyes." A dedication ceremony was held April 16, with many parents attending. "The children are very proud of their house," says Zuck. "They have taken to it like bees to honey."

Working hearts

Washington, SW Bell team up for health promotion

When Barbara Gaponoff began presenting health lectures at Southwestern Bell Telephone Co. in St. Louis a year ago, she walked up the 11 flights to the auditorium. As health educator for Working Hearts, a joint health promotion program with Southwestern Bell and Washington University, she believes in practicing what she preaches.

"I never saw anyone in the stairwell at first," laughs Gaponoff, a registered nurse with a master's degree in public health. "Now I meet people on the stairs all the time and they make a point of saying, 'See, Barbara, I'm taking the stairs! Aren't you proud of me?'"

Good health practices have gained popularity at Southwestern Bell since the advent of the Working Hearts program in December 1985. The two-year program is "a unique collaborative effort between the corporate and university sectors to reduce the incidence of heart disease, the leading cause of death in the country," says Kathryn Rost, Ph.D., research director of Working Hearts and a behavioral scientist at Washington University. "We are using a model with demonstrated effectiveness in smoking cessation and weight loss and extending it to include four other risk factors for heart disease."

Major risk factors are smoking,

high cholesterol and high blood pressure; other, less researched risks are lack of exercise, overweight and Type A response to stress.

Another important aspect of the program is early identification of heart attack signs. Burton E. Sobel, M.D., emphasizes the point as director of the Washington University Specialized Center of Research (SCOR) in Ischemic Heart Disease and the National Research and Demonstration Center. It is the only one funded by the National Institutes of Health.

"As a research cardiologist, I am excited about Working Hearts," Sobel says. "The medical profession has made tremendous advances in understanding the basic mechanisms of heart disease and improving treatment, but these advances are meaningless if they are not communicated to patients who can benefit from them. For example, unless an individual can promptly recognize the symptoms of a heart attack, the most sophisticated methods of medical treatment can be only minimally effective."

Smoking cessation, of course, is a vital part of Working Hearts. Although staff supervisor Cherie Bright is not one of Working Hearts' research participants, co-workers in the program convinced her to stop smoking. "It was based on fear," she says. "They scared me to death. On Christmas Eve (1986), I decided to

quit." Six of her co-workers have tried to quit in the past four months and, so far, four have succeeded.

The smoking cessation course used in Working Hearts is based on Employer-Assisted Smoking Elimination (EASE), a program designed by Washington University and the American Lung Association (ALA) of Eastern Missouri. EASE is available to business organizations located or headquartered in eastern Missouri. Washington also collaborated on the national ALA program, Freedom From Smoking.

Although Joanie Mitchell, one of Southwestern Bell's Working Hearts coordinators, has never smoked, she has benefited from the program's weight loss class. She has shed 10 pounds and plans to drop 10 more.

Dieting is easier when co-workers are calorie conscious too, says Mitchell. "We were bringing in cakes and donuts every Friday and sometimes more often," she says. "Now it has to be a special occasion."

Before participants are screened, they complete a questionnaire; two weeks later they attend a private counseling session with two registered nurses, Gaponoff and Wendy Jaffe, to review their personal health profiles.

The counseling is followed by "Awareness Month," with four semi-

Continued on p. 2

Honorary degree recipients include Capps, Weissman

Washington University will award seven honorary degrees at the 126th annual Commencement ceremony on Friday, May 15, in Brookings Quadrangle. The University also will confer 974 graduate and 1,169 undergraduate degrees during the ceremony, which begins at 8:30 a.m.

The Commencement speaker, William G. Hyland, editor of *Foreign Affairs*, will receive a doctor of laws degree. Considered one of the nation's foremost Sovietologists, Hyland is a former national security adviser to Presidents Nixon, Ford and Carter. He began his career in government in 1954 when he joined the Central Intelligence Agency as an analyst. He moved to the National Security Council staff at the White House, working with Henry Kissinger under President Nixon. He then became Director of Intelligence at the State Department before returning to the White House as deputy assistant for National Security Affairs for President Ford and later President Carter.

He was named editor of *Foreign Affairs*, the journal of the Council on Foreign Relations, in 1983. Hyland, who played a key role in negotiating Salt I, is co-author of *The Fall of Khrushchev*, published in 1968. His new book, *Mortal Rivals: Superpower Relations From Nixon to Reagan*, will be published in June.

• Eugene M. Bricker, whose medical career at Washington University's School of Medicine spans more than 50 years, will receive a doctor of science degree. Known by his colleagues as the master surgeon, Bricker developed a series of surgical procedures that have aided thousands of cancer patients. From 1938-1975, Bricker was on the surgical staff of several St. Louis area hospitals, including Barnes and Children's.

A graduate of Washington's School of Medicine, Bricker began teaching in the medical school's Department of Surgery in 1938 and was named professor of clinical surgery in 1966. Bricker was a member of the University's Board of Trustees from 1964-1975 and was the medical school's national chairman for the University's Seventy by Seventy fundraising campaign. He is the recipient of several awards, including Washington's prestigious William Greenleaf Eliot Society's "Search" Award.

• Rear Admiral Grace M. Hopper will receive a doctor of science. A mathematician and computer pioneer, Hopper is one of the driving forces behind the development of programming languages. She became "all tangled up with computers and the Navy" in 1946, after being commissioned a lieutenant in the Naval Reserves and ordered to the Bureau of Ordnance Computation Project at Harvard University. At Harvard she worked on applications programming for the Mark I, the first large-scale digital computer.

In 1949, Hopper joined the Eckert-Mauchly Computer Corp. (now Sperry Rand Corp.), where she remained until her retirement in

Continued on p. 4



Town and Country dresses, designed by Washington University student Barbara Goldner, were featured in last year's annual fashion show. Goldner, a senior this year, will present a new line of fashions with her fellow students in "Fashion Art 87."

Design majors show fashions

"Fashion Art 87," the annual fashion show by Washington University's School of Fine Arts fashion design majors, will be presented at 4 and 7 p.m. Saturday, May 2, in Simon Hall Auditorium.

The show will feature professional models displaying some 85 garments designed by 11 juniors and seniors. Men's, women's and children's fashions will be modeled, including swimwear, sportswear and formal and wedding attire. Some of the garments will be on sale Monday, May 4, from 6 to 8 p.m. in Room 204 Bixby Hall.

Fabric for many of the garments was donated by: Leslie Fay, Victor Costa, Homestead Fabrics Inc., and

The Wool Bureau, all of New York; Bridal Originals, Miss Elaine and Jackman's Fabrics, all of St. Louis; and Prophecy of Dallas. Free-lance designer Margaret Marten of Dallas donated her services as a critic for children's wear.

Henry C. Swartz, director of the fashion design program at the University, is coordinator of the fashion show.

Tickets are \$6 (\$3 for students) for the afternoon show and \$8 (\$5 for students) for the evening show. The Washington University Women's Society will sponsor a reception after the evening show. For reservations, call 889-6500.

Senior week: 'It's our final moment with University friends'

As the 1986-1987 school year draws to a close, Washington University seniors are busy completing their studies, raising money for their schools, and preparing for the final week of passage — Commencement Week 1987, which is slated for May 7-15. The theme for the week is "Taking It To The Limit."

Washington's 126th Commencement ceremony, the highlight of Commencement Week, will begin at 8:30 a.m. Friday, May 15, in Brookings Quadrangle. In the spirit of tradition, the senior toast will be held before Commencement at 7:15 a.m. in Bowles Plaza (Rain location: Mallinckrodt Gallery and The Gargoyle).

"Senior week is a time to reflect on the past and look ahead to the future," says Paul S. Caiola, a political science major and president of the senior class. "It's our final moment with University friends."

"In four years, Washington University has become our home. It's hard to leave, but we're starting something new. We're ready to take our University experiences to the limit, which is what our theme is all about."

In an effort to raise money for their schools, students in the College of Arts and Sciences, engineering and applied science, social work and business school are soliciting pledges from their fellow classmates.

Commencement Week kicks off with a panel discussion on life after college. The event will be held at 6 p.m. Thursday, May 7, in Lambert Lounge, Mallinckrodt Center. Several Washington alumni will serve as panelists.

Commencement Week activities planned for the May 8 weekend are a Taking It To The Limit Party at Holmes Lounge on Friday, May 8; a softball game and barbecue at the Intramural Field on Saturday; and an alumni senior brunch at Wohl Center and later, a senior pool party at Millbrook Pool on Sunday.

On Monday morning, May 11, the seniors will embark on their popular float trip and later that evening, enjoy Senior Night at the Rat in the Umrathskeller. The highlight of events on Tuesday, May 12, will be dancing at Jimmy's Cabaret, a nightclub in the Central West End. Washington seniors will be able to pick up their cap and gowns from May 12-14 in Lambert Lounge, Mallinckrodt Center.

The senior dinner and invasion of Laclede's Landing will be held on Wednesday, May 13, when the seniors will dine at The Old Spaghetti Factory. That evening, recognition ceremonies for University College and the School of Technology and Information Management will be held. The University College ceremony is for graduates and their families. The School of Technology ceremony is open to the University community.

A reception and initiation ceremony for Phi Beta Kappa will be held on Thursday, May 14. The Eliot Honors convocation will be held at 2:30 p.m. at the Field House. Following the event, Chancellor William H. Danforth will host a reception for the Eliot honorees and their guests in the Field House Courtyard (Rain location: Athletic Complex Concourse). The Eliot events are open to the University community.

Individual school recognition ceremonies and receptions also will be held on May 14. The College of Arts and Sciences ceremony will be held in the quadrangle (Rain location: Field House). The ceremony for the engineering school will be held in Edison Theatre. Both events are for graduates and their guests.

For more information about Commencement Week, call Adrienne L. Glore at 889-5040.

Working Hearts health promotion — continued from p. 1

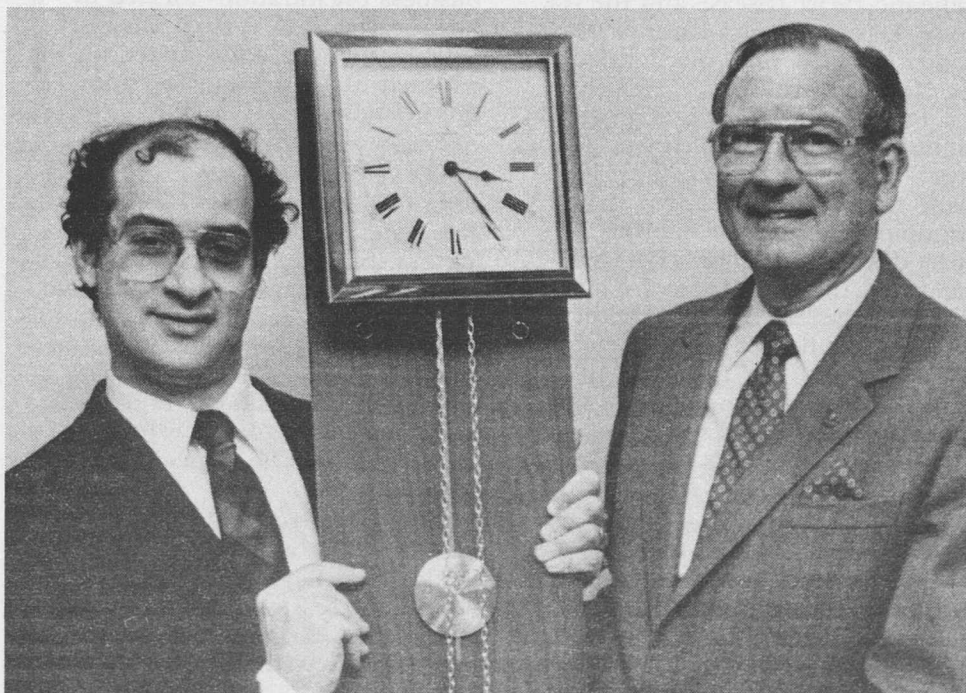
nars conducted by health professionals. Topics include a general overview of risk factors, smoking cessation, high blood pressure control, weight loss and nutrition, exercise, stress management, how to recognize heart attack warning signals and how to deal with a fellow worker recovering from a heart attack.

Following Awareness Month a different educational workshop is presented each month for 21 months. Topics include weight control, stress management, nutrition, exercise, smoking cessation, and blood pressure control. To follow up in problem areas, employees may enroll in intensive classes in weight loss, smoking cessation and stress management.

The results of the Working Hearts research will be funneled into a regional Southwestern Bell program called "Good Life," encompassing employees in Texas, Arkansas, Oklahoma, Kansas and Missouri. The Washington University researchers will recommend methods for structuring and implementing health promotion activities, based on their

Working Hearts findings. At the same time, Washington will use the infor-

mation to delve further into heart disease prevention. *Regina Engelken*



Benico Barzilai, M.D., (left) assistant professor of medicine at Washington and co-director of Working Hearts, presents a wall clock with the Working Hearts' logo on the pendulum to R. D. Barron, president, Missouri Division, Southwestern Bell Telephone Co.

RECORD

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NOTABLES

Michael C. Chobanian, M.D., renal fellow, presented a paper, "Phorbol Esters Inhibit Ammoniogenesis in Proximal Tubular Segments," to the 19th annual meeting of the American Society of Nephrology in Washington, D.C.

Perry W. Grigsby, M.D., assistant professor of radiology at the Radiation Oncology Center, Mallinckrodt Institute of Radiology, has been awarded the American Cancer Society's Clinical Oncology Career Development Award for the years 1987-1990.

April Hamel, Ph.D., director of the Graduate Associate Program at Washington University, is chairman of the Eastern District of Missouri of the Eighth Circuit Court Bicentennial of the Constitution Committee. The committee reports to retired Chief Justice Warren Burger, head of the U.S. Commission on the Bicentennial. "The purpose of the committee is to promote, encourage and coordinate activities within the district that are designed to commemorate the Constitution, including its drafting, ratification and history," Hamel said.

Sylvia Hoffert, Ph.D., visiting lecturer (part-time) in Women's Studies, has had her manuscript, "Private Matters: Attitudes Toward Childbearing and Infant Nurture in the Urban Northeast, 1800-1860," accepted by the University of Illinois Press. Her essay on infant death appears in the Winter 1987 issue of *American Quarterly*.

Charles E. Hogan, assistant director of the General Services Department, has been appointed chairman of the Professional Development Committee for the National Association of Educational Buyers (NAEB) for 1987-88. NAEB membership includes 2,000 colleges and universities; its purpose is to provide career development in the educational purchasing field.

Donald V. Huebener, D.D.S., professor of pedodontics and director of the Division of Pediatric Dentistry at Children's Hospital, was named president-elect of the American Association of Dental Schools' Council of Faculties during the 64th annual meeting held March 8-11 in Chicago. He chairs the council's programs on legislative activities and was moderator of a symposium titled "Legislative Fellowship and Workshop Programs: Viewpoints From Dental School Administrators." He is the faculty delegate from the School of Dental Medicine to the American Association of Dental Schools and serves as program chairman for the council's interim meeting to be held Oct. 27-31, 1987, in both Washington, D.C., and Williamsburg, Va.

Stephen H. Legomsky, J.D., Ph.D., professor of law, recently delivered a speech to the Corporate Counsel Institute in St. Louis. His subject was the antidiscrimination provisions of the new immigration law.

Daniel P. Liston, Ph.D., assistant professor of education, presented an invited lecture on the topic of "Radical Theories of Education" to faculty and doctoral students at the University of Virginia in Charlottesville.

J. Neal Middelkamp, M.D., professor of pediatrics, is president-elect of the American Board of Pediatrics. He will assume the presidency in January 1988. Middelkamp was secretary-treasurer of the American Board of Pediatrics in 1986. He has been a member of the board since 1983 and an oral examiner since 1972. Middelkamp will become the second pediatrician from Washington University to become president of the American Board of Pediatrics. Borden Veeder, one of the board's founders, was elected the first president of the board in 1933.

Hyman Minsky, Ph.D., professor of economics, presented a paper on "Finance Capital in the 20th Century" at an international conference on financial crises and containment mechanisms, held March 9-11 near Cuernavaca, Mexico. The Washington University economics department and the postgraduate economics faculty of the National University of Mexico were joint organizers of the conference. Other Washington University economics faculty members presenting papers were **Steven Fazzari, Ph.D.**, assistant professor of economics, (with Professor Clemente Ruiz of National University of Mexico), whose paper was on "Financial Crisis: A Framework for Financial Innovations"; **John Caskey, Ph.D.**, assistant professor of economics, "Latin American Debt: Mechanisms for Containing the Crisis and the Role of the IMF"; and **David Felix, Ph.D.**, professor of economics, (with **Juana Sanchez**, Washington University doctoral student), "Capital Flight Aspects of the Latin American Debt Crisis." The conference papers will be published in Spanish by Fondo Veintiuno, Mexico, and, possibly, in English by an American publisher.

Bernard D. Reams Jr., J.D., Ph.D., acting dean of the Washington University Libraries, recently attended the National Association of College and University Attorneys workshop in Chicago. The workshop was titled "Current Issues in Employment Law." He also attended the Association of American Law Schools workshop on health law in Washington, D.C.

Lorraine Warren, area coordinator for activities in Residential Life, has been selected as a leader for Operation Crossroads Africa (OCA) Caribbean Summer Program this summer. Warren will lead a group of 12 high school students on a volunteer project in Jamaica. The purpose of OCA is to promote understanding of different cultures through work, study and travel. The program, which involves students from around the country, lasts six to eight weeks.

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. Please include a phone number.

Foundation honors Hamburger with first neuroscience award

Viktor Hamburger, Ph.D., Edward Mallinckrodt Distinguished University Professor Emeritus of Biology, will receive the first Fidia-Georgetown Award in Neuroscience, sponsored by the Fidia Research Foundation of Washington, D.C. The award ceremony will take place May 2 at the National Academy of Sciences in Washington.

The award recognizes Hamburger for his discovery of how cell death shapes the central nervous system and his promotion and leadership in the innovative research that led to the discovery of nerve growth factor.

Hamburger, together with Rita Levi-Montalcini, M.D., professor emerita of biology, and Stanley Cohen, former Washington University zoology faculty member who is now a biochemist at Vanderbilt University, pioneered the work that resulted in a Nobel Prize in physiology or medicine for Levi-Montalcini and Cohen. Their discovery could have implica-

tions in cancer research and the treatment of other complex disorders such as Alzheimer's disease.

Levi-Montalcini, who was a member of the award selection committee, will personally present the award to her longtime colleague at the afternoon ceremony. The award, which will be given every three years, includes a gold medal and a \$20,000 honorarium.

Hamburger earned his doctorate in 1925 from the University of Freiburg in his native Germany. He began his career at Washington University in 1935 as assistant professor of zoology.

His many honors and awards include the 1985 Ralph W. Gerard Prize from the Society for Neuroscience, and the 1983 Horowitz Prize for research in biology and biochemistry from Columbia University. He has been a member of the National Academy of Sciences since 1953.

Pharmacology names Lowry lecturer

An internationally recognized scientist in biochemical pharmacology will deliver the 10th annual Oliver H. Lowry Lecture in Pharmacology Thursday, May 7, at the Washington University School of Medicine.

This year's Lowry lecturer is Paul Greengard, Ph.D., professor and chairman of the Laboratory of Molecular and Cellular Neuroscience at Rockefeller University in New York. Greengard's talk will begin at 4 p.m. in the Carl V. Moore Auditorium, 660 S. Euclid Ave.

Greengard will discuss "Phosphoproteins as Mediators of Signal Transduction in the Nervous System." The lecture is open to all members of the medical profession.

An international leader in the field of biochemical pharmacology

of the nervous system, Greengard is best known for his seminal research on protein phosphorylation. Phosphoproteins are widespread in the cell and are often involved in the regulation of cellular processes.

The Lowry Lecture is sponsored by the Department of Pharmacology to honor Oliver H. Lowry, M.D., Ph.D., distinguished professor emeritus and lecturer. Lowry served as head of the department from 1947-76, and as head of the School of Medicine from 1955-58.

As a member of numerous national scientific committees, Lowry widely influenced research in medical science, particularly in the areas of neurobiology, neurochemistry, mental retardation and analytical biochemistry.

Business placement director named

Patricia A. Masidonski has been promoted to director of business placement at Washington University. She succeeds Robert K. Pearce, who resigned to become director of human resources with Edward D. Jones & Co.

Masidonski has been associate director of business placement since August 1985. Prior to that, she held three positions with the Union Pacific/Missouri Pacific Railroad. She was

a personnel analyst, assistant manager employment and senior employment assistant. She also was a personnel administrator for the Federal Reserve Bank.

Masidonski earned a bachelor's degree in education from Southeast Missouri State University in 1974. She has taken courses toward a master of arts degree in human resource management and computer data management from Webster University.

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.

Drug resistance: Malaria-cancer similarity? Researchers may have uncovered evidence that malaria-causing parasites and cancer cells use the same defense against drugs. Donald Krogstad, M.D., associate professor of pathology, is one of the scientists doing research in this

area, according to the March 7 issue of *Science News*.

Going crazy over calcium. It sells a rainbow of products, but does it work? asks an article in the Feb. 23 issue of *Time* magazine. Many products advertise their high calcium content. But "calcium is not a panacea for osteoporosis," cautions William A. Peck, M.D., John E. and Adaline Simon Professor of Medicine and associate chairman of medicine. "The ads promise more than calcium is going to deliver."

CALENDAR

April 30-May 9

LECTURES

Thursday, April 30

9:30 a.m. Medical Grand Rounds, "Current Concepts of the Renin Angiotensin System; Implications for Physiology and Pharmacology," Victor Dzau, chief of vascular medicine and atherosclerosis at Brigham and Women's Hospital in Boston. Clopton Aud.

Noon. 12th Annual Pfizer Lecture, "Renin Secretion and Gene Expression," Victor Dzau, chief of vascular medicine and atherosclerosis at Brigham and Women's Hospital in Boston. Pharmacology Library, School of Medicine.

4 p.m. Central Institute for the Deaf (CID) Research Seminar, "Signs and Speech: Case Study of a CID Student," Jean Moog, school principal, CID, and Ann Geers, director of clinical services, CID. Second floor aud., CID Research and Clinics Bldg., 909 S. Taylor Ave.

4 p.m. Dept. of Classics Lecture, "Character in Greek Tragedy," Patricia Easterling, prof. of Greek, University College, London. Hurst Lounge, Duncker Hall.

Friday, May 1

6 and 8:30 p.m. WU Association Film Travel Lecture Series, "Passage to Spain," Frank Klicar, filmmaker. Graham Chapel. For ticket info., call 889-5122.

Tuesday, May 5

4 p.m. Dept. of Chemistry Seminar, "Large Fragment Decay From Excited Nuclear Systems," Lee Sobotka, WU asst. prof. of chemistry. 311 McMillen.

Wednesday, May 6

2:30 p.m. Center for the Study of Data Processing Symposium, "Corporate Information Systems Expectations: Their Impact on Your Career," Ray Epich, The Diebold Group. Free to WU community. To register, call 889-4556.

7 p.m. George Warren Brown School of Social Work Colloquium, "Treatment of the Severely Disturbed Family," Stephen Jones, director, marital and family training program, Menninger Foundation. Brown Hall Lounge.

Thursday, May 7

1:10 p.m. George Warren Brown School of Social Work Colloquium, "Assessment and Treatment of Families With Psychosomatic Disorders," Stephen Jones, director, marital and family training program, Menninger Foundation. Brown Hall Lounge.

4 p.m. Dept. of Chemistry Seminar, "Spectroscopy of Transition States: Photoemission by Excited Molecules," James Kinsey, prof. of chemistry, MIT. 311 McMillen.

4 p.m. Central Institute for the Deaf (CID) Seminar, "Evidence for a Neural Model of Infant Cry Production," Fran Porter, research associate, newborn medicine, Children's Hospital. 2nd floor aud., CID Research/Clinics Bldg., 909 S. Taylor Ave.

4 p.m. 10th Annual Oliver H. Lowry Lecture in Pharmacology, "Phosphoproteins as Mediators of Signal Transduction in the Nervous System," Paul Greengard, chairman of the laboratory of molecular and cellular neuroscience, Rockefeller U. Carl V. Moore Aud., 660 S. Euclid Ave.

Friday, May 8

4 p.m. The Evarts A. Graham Lecture, "The Importance of Sustained Clinical Research," W. Dean Warren, Whitehead Professor and chairman of the Dept. of Surgery, Emory U. School of Medicine. Clopton Aud.

Saturday, May 9

9 a.m. The Evarts A. Graham Lecture, "Pancreatitis: New Therapeutic Directions for an Old Problem," W. Dean Warren, Whitehead Professor and chairman of the Dept. of Surgery, Emory U. School of Medicine. East Pavilion Aud.

MUSIC

Friday, May 1

8 p.m. Dept. of Music Collegium Musicum Concert. Steinberg Aud.

Sunday, May 3

4 p.m. Dept. of Music Graduate Guitar Recital with Renato Butturi. Graham Chapel.

Thursday, May 7

8 p.m. Dept. of Music Senior Guitar Recital with Jeffrey DeBruine, Graham Chapel.

PERFORMANCES

Saturday, May 2

8 p.m. Edison Theatre Presents Garth Fagan's Bucket Dance Theatre. General admission is \$15; WU faculty/staff/senior citizens, \$10; students, \$7. For more info., call the Edison Theatre box office at 889-6543.

EXHIBITIONS

"Bachelor of Fine Arts Exhibition." May 3-17. Gallery of Art, upper and lower galleries. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"Core Exhibit." Works by freshmen and sophomore students in the School of Fine Arts program of drawing, two-dimensional and three-dimensional design. May 4-July 25. Bixby Gallery, Bixby Hall. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

"Seniors 87" photography exhibit of School of Fine Arts seniors taken by third-year students in Herb Weitman's photography class. Bixby Hall, lower level. Weekdays, 8:30 a.m.-6 p.m.

"Published! One Hundred First Books." An exhibit of first books by highly regarded British and American authors, drawn from the University Libraries' collection of literature. Through April 30. Special Collections, Olin Library, Level 5. 8:30 a.m.-5 p.m. weekdays.

FILMS

Thursday, April 30

7, 9 and 11 p.m. WU Filmboard Series, "Breathless." \$2. Brown Hall.

Friday, May 1

Double Feature, WU Filmboard Series: "Raiders of the Lost Ark" at 7 and midnight and "Around the World in 80 Days" at 9:30 p.m. \$2. Brown Hall. (Also Sat., May 2, same times, and Sun., May 3, "Raiders" at 7 p.m. and "Around the World" at 9:30 p.m., Brown.)

MISCELLANY

Friday, May 1

12:30 p.m. WU Woman's Club Spring Luncheon. Mr. and Mrs. John T. Donnell will present a slide lecture about Australia and New Zealand. University Club, 1034 S. Brentwood Blvd. (21st floor). Cost is \$12 for members and \$12.50 for guests. For more info., call Winnie Derrickson, 727-8985, or Anna Mae Ballard, 863-5273.

Saturday, May 2

4 and 7 p.m. School of Fine Arts Presents "Fashion Art 87" fashion show at Simon Hall Aud. 4 p.m. show is \$6 for general admission and \$3 for students; 7 p.m. show is \$8 for general admission and \$5 for students. To make reservations, call 889-6500.

Thursday, May 7

9 a.m. Administrative Staff Meeting. Agenda includes remarks by Chancellor William H. Danforth and a discussion of campus master planning by Joe F. Evans, WU associate vice chancellor for business affairs. Simon Hall Aud.

6 p.m. Commencement Activity Panel Discussion on life after college. Lambert Lounge, Mallinckrodt Center.

Friday, May 8

9 p.m. Commencement Activity "Taking It to the Limit Senior Class Party." Holmes Lounge.

Saturday, May 9

2 p.m. Commencement Activity Senior Softball Game and Barbecue. IM Field.

Honorary degrees — continued from p. 1

1971. Hopper was instrumental in the development of the Common Business-Oriented Language (Cobol) and in 1952 published the first of her more than 50 compiler papers on software and programming languages.

She is the recipient of numerous awards and more than 25 honorary degrees. In August 1986, her tenure as the nation's oldest active duty officer ended during a farewell ceremony aboard the U.S.S. Constitution.

• George H. Capps, president of Volkswagen Mid-America Inc. and chairman of Capitol Coal & Coke Co., will receive a doctor of laws degree. A member of the University's Board of Trustees since 1966, Capps is chairman of the ALLIANCE FOR WASHINGTON UNIVERSITY, the \$300 million fund-raising program. The on-going campaign, with a Dec. 31, 1987, target date, has exceeded its goal, with gift commitments totaling more than \$500 million, the largest amount ever achieved by a national university fund-raising campaign.

Capps also chaired Washington's development and major gifts committees when the University successfully completed a \$120 million fund-raising program in 1976, two years ahead of schedule. Capps, who earned his undergraduate and law degrees at Washington, received an alumni citation and the Eliot Society's "Search" Award. An influential St. Louis business and civic leader, he also received "Man of the Year" awards from the St. Louis Globe-Democrat and the St. Louis Variety Club.

• Japanese architect Fumihiko Maki will receive a doctor of art and architecture degree. While serving as assistant professor at the University's School of Architecture in the late 1950s and early 1960s, Maki designed the University's Steinberg Hall and helped establish the Master's of Architecture and Urban Design program. He is an Honorary Fellow of the American Institute of Architects, as well as a member of the Japan Institute of Architects. Maki, who in 1965 established Maki and Associates in Tokyo, is a professor of architecture at the University of Tokyo.

Maki emphasizes the use of new technology and rational design in his work, while seeking to harmonize and integrate new and old architecture. Among his major projects in Japan are the Hillside Terrace apartment complex, the Spiral building, the Embassy of Austria and the Royal Danish Embassy.

• Gurpreet Singh, a leader in the field of electronics and telecommunications in India, will receive a doctor of laws degree. Singh graduated from Washington University's business school in 1954. He has used his business acumen to promote several businesses and to create one of India's leading electronic companies. He is chairman of National Cold Storage and Refrigeration Co. Ltd. in Delhi, and founder of Continental Device India Ltd., a dominant force in the field of electronic components, consumer electronics and telecommunications. The company was the first to bring frontier-line technology in silicon semiconductors to India.

Active in education and research, Singh is vice president of an educational foundation, established by his

family, that supports more than 27 schools in India.

• Samuel I. Weissman, professor emeritus of chemistry at Washington University, will receive a doctor of science. He is an internationally known scientist, an active researcher and an inspiration to his former students. A pioneer in the field of electron paramagnetic resonance, he discovered how that phenomenon could be used as a method to explain the detailed structure of molecules. His contributions and the resulting developments were considered a major scientific advancement.

Wiessman is a Fellow of the American Academy of Arts and Sciences and a member of the National Academy of Sciences. He joined the Washington University faculty in 1946 as an assistant professor of chemistry and was named professor emeritus in 1980. Prior to coming to the University, he served for four years as a research chemist and group leader with the Manhattan Project, which developed the atomic bomb, in Berkeley, Calif., and in Los Alamos, N.M.



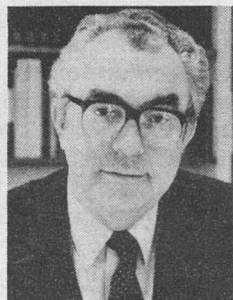
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George H. Capps



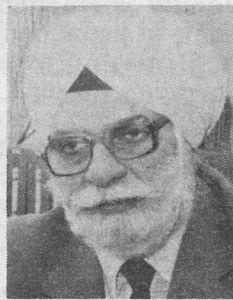
Grace M. Hopper



William G. Hyland



Fumihiko Maki



Gurpreet Singh



Samuel I. Weissman

Calendar Deadline

The deadline to submit items for the May 14-June 6 calendar of the *Washington University Record* is May 7. 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.