

11-20-1986

# Washington University Record, November 20, 1986

Follow this and additional works at: <http://digitalcommons.wustl.edu/record>

---

## Recommended Citation

"Washington University Record, November 20, 1986" (1986). *Washington University Record*. Book 392.  
<http://digitalcommons.wustl.edu/record/392>

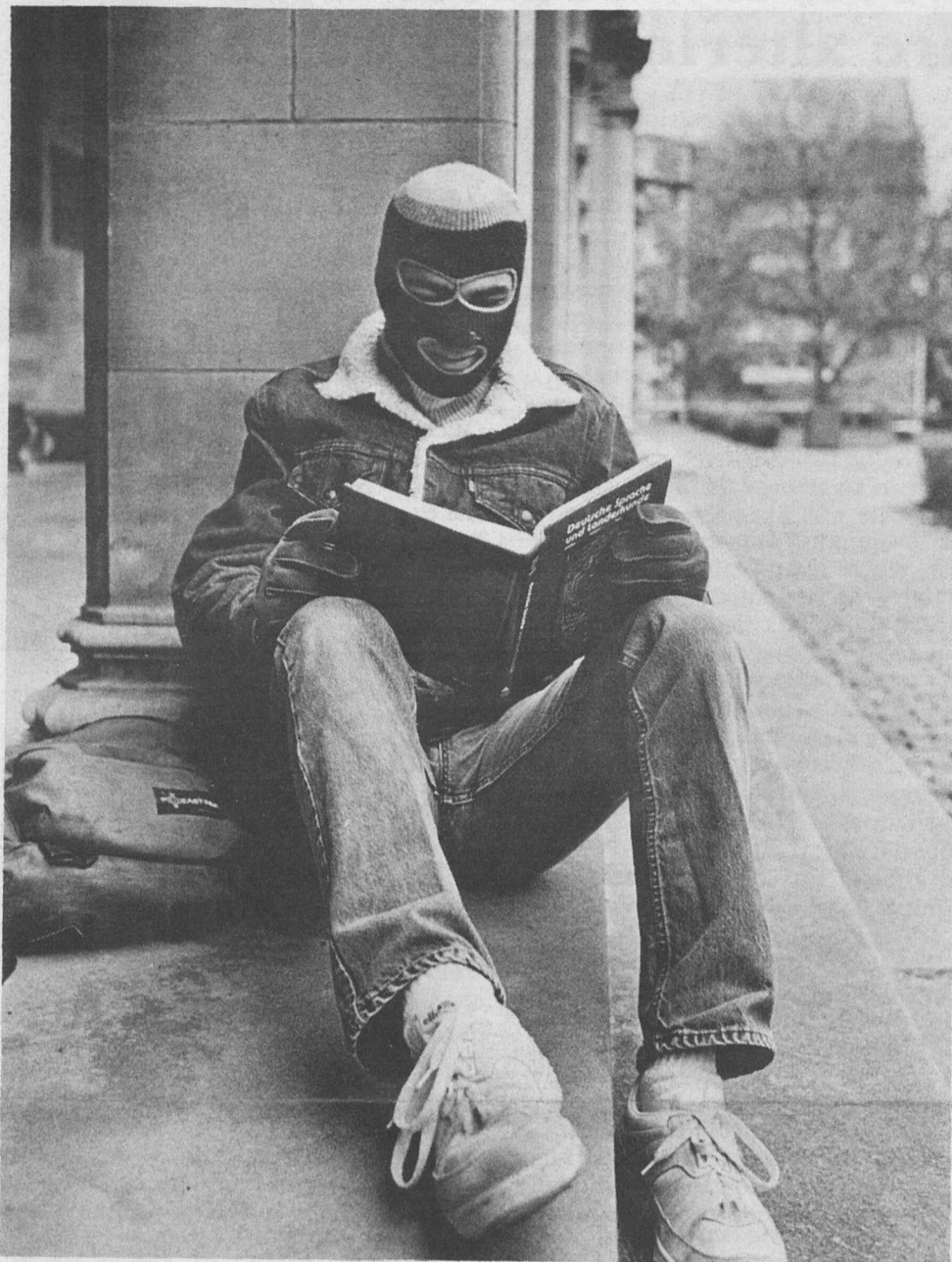
This Article is brought to you for free and open access by the Washington University Publications at Digital Commons@Becker. It has been accepted for inclusion in Washington University Record by an authorized administrator of Digital Commons@Becker. For more information, please contact [engeszer@wustl.edu](mailto:engeszer@wustl.edu).

# RECORD

ARCHIVES


**Washington**  
 WASHINGTON · UNIVERSITY · IN · ST. LOUIS

Vol. 11 No. 14/Nov. 20, 1986



**Weather-wise:** Prakash Bhatia, a sophomore biochemistry major, braves the arctic air that invaded the St. Louis area last week.

## Ashley's multi-media comic opera, 'Atalanta,' at Edison

Robert Ashley, a pioneer in American experimental music, will present his modern comic opera, "Atalanta," at 8 p.m. Friday and Saturday, Dec. 5-6 in Edison Theatre. The production is touring under the auspices of the Mid-America Arts Alliance.

Both electronic wizardry and old-fashioned storytelling play a part in composer Ashley's multi-media opera, which is based on the story of Atalanta, the beautiful athlete of Greek mythology. Atalanta's character is evoked by a trio of men who represent potentially successful suitors, their worthiness based on their status as "artistic outlaws." Those men, surrealist painter Max Ernst, jazz pianist Bud Powell and storyteller Willard Reynolds, "stood apart from their society by virtue of their genius," Ashley says.

The nine-member cast includes Ashley, "Blue" Gene Tyranny on electronic keyboard, vocalist Tom Buckner from Roscoe Mitchell's "Space" ensemble, and veteran jazz percussionist Big Black, a former musician with Dizzie Gillespie.

The production includes the use of high technology, including film and video. Improvisation plays a large roll in both the speech and music of the opera. Ashley says the people on stage actually create their own characters and each performance is vulnerable and original. The

sound, determined by the material used by the light-and-sound designer, is mixed during the performance.

Ticket prices for "Atalanta" are \$15 to the general public, \$10 to faculty/staff and senior citizens and \$7 for students. For more information, call the box office at 889-6543.

## Trade/investment in China topic of seminar

Trade and investment in China will be the topic of an executive seminar on Thursday, Dec. 4, sponsored by the International Affairs Program of University College. The event, titled "China Trade and Investment: Strategies for Success in 1987," will feature presentations by several Chinese trade experts. It is open to the public.

The seminar will begin at 8:45 a.m. and continue throughout the day in Room 101, the executive education suite, at Simon Hall.

The cost for the seminar, which includes a luncheon provided by Richard Perry-Caterers, is \$150. Reservations are requested by Friday, Nov. 28. To register, call Jane Smith, assistant dean of University College, at 889-6727.

## Loeb elected president of Cancer Society

Virgil Loeb Jr., M.D., professor of clinical medicine at Washington University, was elected president of the American Cancer Society at its annual meeting of the board of directors Nov. 8 at the Waldorf-Astoria Hotel, New York, N.Y.

Loeb succeeds Charles A. LeMaistre, M.D., of Houston, who served as the society's president for the 1985-86 term.

During his tenure as president, Loeb plans to stress a message of hope concerning cancer. "Half of all cancer patients today are being cured," said Loeb. "We have made remarkable progress during recent decades in detecting and treating cancer and in the understanding of the biology of cancer, as well. Evidence seems to indicate that we have even greater prospects to prevent cancer by making careful choices in our lifestyles. For example, by choosing wisely what we eat, and choosing not to smoke, we reduce our risk of cancer considerably.

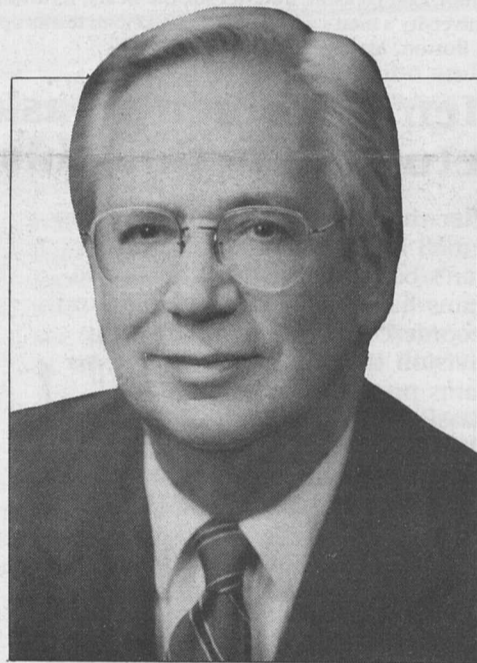
"We in the American Cancer Society call such choices 'Taking Control,' and we have designed a program by that name to guide people in making value-wise decisions relating to cancer risk. Urging Americans to take control of their lives by making educated choices in cancer detection, treatment and prevention will be our message during the year to come."

Loeb has been associated with Washington University for more than 40 years. He received his medical degree from the University's School of Medicine in 1944. After internships, a fellowship and residency at hospitals in Missouri and Connecticut and a traineeship with the National Cancer Institute, he returned to the University in 1950 as a Damon Runyon Research Fellow in Hematology. He was appointed an instructor in medicine in 1951, and following a

varied and outstanding teaching career, became professor of clinical medicine at Washington University in 1978. Loeb is also in the private practice of hematology and medical oncology in St. Louis.

He is a member of the Board of Scientific Counselors of the Division of Cancer Prevention and Control of the National Cancer Institute and of the Institute of Medicine of the National Academy of Science. Loeb also has served on numerous committees of the American Cancer Society and other organizations. He joined the national board of directors of the society in 1979, and is a former president of both the ACS Missouri Division Board and the St. Louis Unit Board.

His professional memberships include the American Board of Internal Medicine, the American College of Physicians, the American Association for Cancer Research and the American Society of Clinical Oncology.



Virgil Loeb Jr.

## Inman highlights workshop on communications systems

Retired Adm. Bobby R. Inman, the high-profile and outspoken leader of the U.S. effort to meet the Japanese "fifth generation" challenge of global computer supremacy, highlights the program of a Midwest Workshop on Communications Systems this Thursday and Friday, Nov. 20 and 21.

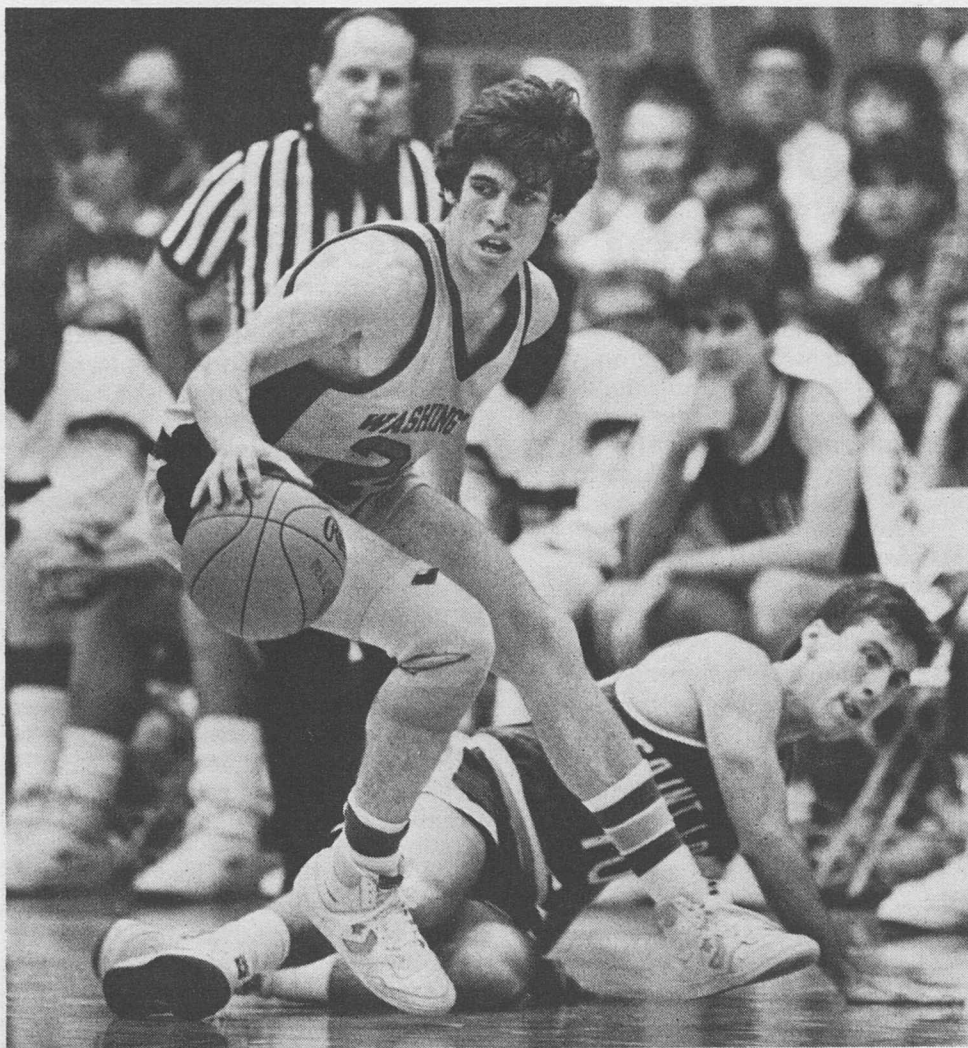
About 80 computer scientists, engineers and students whose interests include communications systems, as well as business managers whose companies compete in the communications sector are attending the workshop on digital communications networks. Workshop sessions will be held in John E. Simon Hall.

Inman, former deputy director of the CIA, recently resigned as president and chief executive officer of Microelectronics and Computer Technology Corp. (MCC) in Austin, Texas. Recruited for that post by computer industry leaders, Inman says America's computing progress problem is

not a lack of ideas, but a lack of industry response to ideas. His chore at MCC is finished, says Inman, and a new leader should shift the corporation to product development. His presentation at a dinner Thursday night will center on those views.

Workshop hosts are Washington University's Department of Computer Science and its campus-wide computing network office. Sponsors include the Institute of Electrical and Electronic Engineers, Southwestern Bell Telephone Co., Digital Equipment Corp., American Telephone and Telegraph and United Telecom. Representatives of each, along with faculty from Washington, Yale, Columbia and Stanford universities, and the universities of Maryland and Virginia will participate in the lectures and discussions spanning the two days.

For more information, contact Kathryn Atnip at 889-4556.



Junior Paul Jackson, a starter for the Bears, returns to action Nov. 21 and 22, when the Washington University's men's and women's basketball teams open their 1986-87 season at the MIT Coed Classic in Boston, Mass.

## Men's, women's basketball teams return to action this weekend

After the inception of women's basketball in 1979 and the return of men's basketball in 1981, both programs have had time to mature and become consistent winners at the Division III level. Now, as the two teams prepare for the MIT Coed Classic this weekend in Boston, the 1986-87 outlook for both teams could be the brightest since the sport found its way back to the Hilltop campus.

Led by All-South first team player Kevin Suiter, a junior from DeSmet High in St. Louis, the men's team returns all five starters from last year's 14-12 squad. Comprising the starting five are Suiter, last year's leading scorer with a 15.7 point per game average, juniors Jon Bergman, Jeff Unterreiner, Paul Jackson and senior Brent Rueter. That quintet shot a collective 51 percent from the field last year and was responsible for scoring 75 percent of the team's total points.

"This group has stabilized the basketball program and helped turn Washington University into a winner," says Mark Edwards, head coach of the Bears. "By having such a large group come in two years ago, we were able to build our future around that class."

Meanwhile, the women enter a new era as Nancy Fahey takes over the head coaching reigns, previously held by Gaye Kinnett. Fahey inherits a 14-6 team and three returning starters.

Among the returnees are the Bears top two scorers, Jacquie Welkener and Karen VanMeter. Welkener, a senior, has led the team in scoring all three seasons at Washington University and is the first and only player to top the 1,000-point career mark in women's basketball at the University.

Joining Welkener, VanMeter and a host of other returnees are freshmen Rochelle Meyers and 6'2" Jill Steinhauer.

"This may be a transitional year with the change in coaches, but not a rebuilding year," says Fahey. "We have a mature, experienced group returning and that should make the coaching transition that much easier."

The women's team opens the home season Tuesday, Nov. 25, with a 7:30 p.m. game against Fontbonne College. The men make their first home appearance Friday, Dec. 5, when the Third Annual Lopata Classic gets underway at 6 p.m. with Caltech taking on Johns Hopkins, followed by the two-time champion Bears playing MIT at 8 p.m. The classic continues at 6 p.m. Saturday, Dec. 6, with a consolation game, and concludes that night with the championship game, which begins at 8 p.m.

## Athletic hours during break

Washington University's Athletic Complex will be closed Thursday and Friday, Nov. 27-28, for the Thanksgiving holiday. The complex will close at 6 p.m. on Wednesday, Nov. 26, and reopen at noon on Saturday, Nov. 29. On both Saturday and Sunday, the complex will be available for use from noon to 5 p.m.

Hours for the following recreational areas are: Millstone Pool, 2 to 5 p.m., Saturday and Sunday; and Busyhead Track, 6:45 a.m. to 6 p.m. on Wednesday and noon to 5 p.m. on Saturday and Sunday.

All other activity areas will be open during general building hours. The complex returns to its regular schedule at 6:45 a.m. Dec. 1.

## Hands-on learning

# Novel law courses here are altering legal education

The final negotiation session was becoming heated. Terry James' attorney and the lawyer for Valley Marine Bank couldn't reach an agreement out of court.

After financing James' purchase of a used van, the bank repossessed it and sued James when he missed payments. James countersued, claiming the van was a "lemon" and that its defects caused him to have an accident.

Negotiations for the case did not occur in an attorney's office. Instead, the locale was a conference room in the Washington University School of Law, where third-year students enacted the simulated James case as part of a course titled "Pre-Trial Practice and Procedure."

In the course, one of the first of its kind in the country, students practice typical pre-trial phases, including conducting investigations, drafting documents, and interviewing clients and witnesses. They are led and critiqued by local attorneys, judges and full-time faculty of the law school's Clinical Legal Education Program.

The course, developed by Karen L. Tokarz, LL.M., director of the clinical program and associate professor, typifies the law school's leadership in lawyering skills courses and its commitment to integrating empirical, hands-on learning with traditional teaching. Across the country, many law schools are doing the same in a quiet revolution that is gradually altering the makeup of legal education.

Legal educators and administrators have been tackling the issue of practical vs. theoretical training since the 1970s, when Chief Justice Warren Burger criticized the skills of lawyers in American courtrooms. They filed too many lawsuits, refused to settle negotiable cases, and often weren't prepared for trial, he complained.

The lawyers responsible for Burger's list of complaints had been educated in tradition-bound schools that focused entirely on study of the law's development and of case law established by judicial decision.

Burger's remarks spurred a nationwide outbreak of courses and programs emphasizing applied lawyering skills, especially in trial practice. But Washington University went a step further by developing its popular pre-trial course.

"Given that less than 10 percent of all lawsuits ever go to trial, we determined that the key to improving the competency of our graduates was to focus on the pre-trial stage," says Tokarz. "If this stage is handled well, only cases that are absolutely unnegotiable will ever go to trial."

Washington University also is among the schools integrating "clinical" teaching techniques, such as simulated lawsuits, with traditional classroom courses. And skills-oriented courses in corporate, probate and land-use law have been added. "Students learn better in an integrated environment," says Tokarz.

Robert J. Gryzmala, J.D., a 1982 Washington University law school graduate who took clinical courses, agrees. "Schools that don't blend the two approaches are not adequately

preparing students for legal careers," says the associate in the St. Louis law firm of Coburn, Croft & Putzell. "If your training is limited to reviewing court opinions, you're not ready for all the other work involved in day-to-day lawyering," says Gryzmala, an adjunct professor at the law school.

Rhonda Copelon, LL.B., associate professor at the City University of New York (CUNY) Law School at Queens College, believes classes that mix theory with experience are essential. "Not only are students taught the theory of the law — they learn how to practice it. They become aware of their strengths and weaknesses. The result is more insightful lawyers."

*"A lot of students want to be Perry Mason but they don't know what the role entails. Students get to survey law from the initial client contact through the appellate level. Through this knowledge, they map out their careers."*

—Karen L. Tokarz

Moreover, Tokarz says the practical knowledge students gain in clinical courses helps them better understand their traditional theory courses. Students can define career direction earlier too by sampling various areas of law in clinical courses. "A lot of students want to be Perry Mason but they don't know what the role entails," says Tokarz. "Students get to survey law from the initial client contact through the appellate level. Through this knowledge, they map out their careers."

In the legal education program, students can choose from externship courses in general civil litigation, federal civil and criminal prosecution, state criminal defense, and employment rights. Some 60 percent of third-year students learn lawyering skills firsthand by working in St. Louis law offices under the supervision of field attorneys and full-time clinical faculty. Other options are the school's congressional clinic in Washington, D.C., and the judicial clerkship program.

As part of her externship course, Washington University graduate Leslie V. Freeman worked part time for a local public-interest firm specializing in employment law. One of the attorneys from that firm hired her after graduation. Clinical experience has helped many Washington University students obtain full-time positions.

"We met twice a week for formal sessions where professors taught us how to conduct client interviews, draft documents and organize cases," comments the 1981 law school graduate. "It was great."

Carolyn Sanford

The Washington University Record will not be published during the week of Thanksgiving. The next issue will be Dec. 4. The Record staff hopes our readers have a healthy and bountiful Thanksgiving.

# NOTABLES

**Karen L. Brock**, Ph.D., adjunct assistant professor of art history, presented a paper titled "The Shogun's Picture Contest" Oct. 30 at the Detroit Institute of Arts. The occasion was a three-day symposium in conjunction with their current exhibition, "Of Water and Ink: Muromachi Period Paintings from Japan 1392-1568." In addition, she translated the catalogue from the Japanese and served as an adviser to the exhibition.

**Ronald C. Freiwald**, Ph.D., associate professor of mathematics and director of the summer school, attended an Oct. 12-15 meeting of the Association of University Summer Sessions in Miami, Fla. At the meeting, 45 deans and directors of the largest summer schools in the country noted changing trends in academia. The University's summer school office was one of several hosts for the Nov. 6-9 annual meeting of the North American Association of Summer Schools at the Clarion Hotel in St. Louis. Approximately 180 summer school representatives from across the country attended the St. Louis meeting.

**John F. Garganigo**, Ph.D., professor of romance languages and literatures, was awarded a Fulbright Fellowship to lecture at the Universidad Catolica in Montevideo, Uruguay, last summer. While there, he lectured on the poetry of Mark Strand and Philip Levine and their relationship to Latin American poetry. He also presented lectures on the poetry of Carlos German Belli, Alvaro Mutis and Jorge Luis Borges.

**Derek Hirst**, Ph.D., professor of history, presented "Voting in an Age of Party, 1679-1721," as the plenary paper at the National Conference on British Studies in Denver, Colo. He also presented a paper titled "Across the Great Divide: Parliament and Ancient Ways in Restoration England," at the conference on Parliament and Freedom in Early Modern England, held Oct. 23-24 in St. Louis.

**Orland Johnson**, Ph.D., professor of music, and **Udo Kultermann**, Ph.D., professor of architecture, recently have been reappointed to three-year terms as faculty members of the National Faculty of Humanities, Arts and Sciences.

**Charles L. Leven**, Ph.D., professor of economics, presented a lecture Oct. 23 on "Regional Development in a Post-Industrial World" at the Puerto Rico Economic Development Administration in San Juan. On Oct. 24 he conducted a seminar on "Changing Techniques of Regional Analysis" at the Government Development Bank. On Oct. 25 and 26 he served as part of the bank's delegation to a Caribbean Basin Initiative conference on promoting cooperative investment ventures between the Dominican Republic and Puerto Rico. The conference was held at Casa De Campo, La Romana, Dominican Republic.

**J. Otto Lottes**, M.D., assistant professor emeritus of orthopedic surgery at the School of Medicine, was presented with the highest honor, Distinguished Service Award, by the Alumni Association of the University of Missouri-Columbia (UMC). Among

the long list of awards Lottes has received from UMC are the Citation of Merit from the School of Medicine Alumni organization and the Faculty-Alumni award. The new Health-Science Library at UMC bears his name.

**Aimee J. Luebben**, instructor in the Program in Occupational Therapy, Department of Preventive Medicine and Public Health, presented two papers: "Software Analysis for Educational and Clinical Utilization" and "Low Cost High Tech: People, Equipment and Resources" at the Second Annual Computer Technology/Special Education/Rehabilitation Conference, held Oct. 17 in Northridge, Calif. The event was sponsored by California State University at Northridge.

**Bruce L. McClennan**, M.D., professor of radiology, Mallinckrodt Institute of Radiology, was elected president of the Greater St. Louis Society of Radiologists, and **G. Leland Melson**, M.D., professor of radiology, was elected vice president of the society.

**Michael Rufo** and **Thomas Schumann**, graduate students in the Department of Engineering and Policy, presented a paper, titled "Cogeneration Policy: Issues, Impacts, and Options," at The Sixth International Conference on Cogeneration, held Oct. 14-16 in Orlando, Fla. The conference was sponsored by The International Cogeneration Society, Washington, D.C., and featured representatives from industries, utilities, government and universities.

**Thomas F. Schlafly**, J.D., a lecturer in law, has been awarded the 1986 John Carroll Award from Georgetown University. The award is given to distinguished Georgetown alumni in recognition of outstanding service to the university and lifetime achievement.

**Peter G. Tuteur**, M.D., associate professor of internal medicine, was re-elected to a three-year term as a member of the board of trustees of the American Society of Internal Medicine (ASIM) at the Society's 30th Annual Meeting, held recently in Seattle. Founded in 1956, ASIM is a federation of state component societies with more than 20,000 members nationwide.

**Robert M. Walker**, Ph.D., McDonnell Professor of Physics and director of the McDonnell Center for the Space Sciences, attended the 20th European Space Agency Symposium, held Oct. 27-31 in Heidelberg, West Germany. The symposium was devoted to the "Exploration of Halley's Comet."

## 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.

## International biology prize goes to Raven

Peter H. Raven, Ph.D., Engelmann Professor of Botany and director of the Missouri Botanical Garden, will become the second recipient of the International Prize for Biology Nov. 20 in Tokyo, Japan. Raven, a renowned botanist, will be recognized for his contribution to taxonomy, the orderly classification of plants and animals.

The International Prize for Biology was established in 1985 to celebrate the 60-year reign of His Majesty the Emperor of Japan, Hirohito, and to commemorate the emperor's long-time interest and research in biology. Raven was selected for this honor by a committee of 10 outstanding Japanese biologists and five overseas members, named by the Japanese Society for the Promotion of Science. The first recipient of the International Prize for Biology was



Peter H. Raven

Edred John Henry Corner, professor emeritus, Cambridge University. The prize itself is a medal and a cash award of ten million yen — about \$65,000.

"I am extremely honored to receive such a prestigious award," Raven said. "It is very gratifying to have my work recognized by my peers."

Raven is in Tokyo to receive the prize, which will be presented by Crown Prince Akihito. Following the ceremony, Raven will travel to Kyoto, where he will be the featured speaker at the university there for a scientific symposium in connection with the award of the prize.

Raven has been director of the Missouri Botanical Garden since 1971. Under his direction, the garden now operates the most active tropical research program in the world. He currently serves as president of the Organization for Tropical Studies. Raven has received numerous awards for his scientific work and was named a MacArthur Fellow in 1985.

## 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.

**Early detection by physicians of peripheral arterial disease (PAD)** in order to save lower extremities is advised by Charles Kilo, M.D., associate professor of clinical medicine, in a Sept. 24 article in the *Medical Tribune*. PAD is caused by poor blood circulation in the legs and feet of some diabetics and other patients suffering from chemical dependen-

## RECORD

**Editor:** Susan Killenberg, 889-5254, Campus Box 1070  
**Assistant Editor:** Bridget McDonald, 889-5202, Campus Box 1070  
**Editor, Medical Record:** Betsy McDonald, 362-8257, Medical School Campus Box 8065  
**Contributing writers:** Debra Bernardo, Joyce Bono, Tony DiMartino, Regina Engelken, King McElroy and Carolyn Sanford  
**Photographers:** Stephen Kennedy, David Kilper and Herb Weitman  
**Washington University Record** (USPS 600-430; ISSN 0745-2136), Volume 11, Number 14, Nov. 20, 1986. Published weekly during the school year, except school holidays, monthly in June, July and August, at the Office of News and Information, Washington University, Campus Box 1070. One Brookings Drive, St. Louis Mo. 63130. Second-class postage paid at St. Louis, Mo.

### Address changes and corrections:

**Postmaster and non-employees:** Send to: *WU Record*, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, Mo. 63130.  
**Hilltop Campus Employees:** Send to: Personnel Office, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, Mo. 63130.  
**Medical Campus Employees:** Send to: Personnel Office, Washington University, Campus Box 8091, 4550 McKinley Ave., St. Louis, Mo. 63110.

cies. They face pain, ulceration and possible amputation if the disease goes unchecked.

**Rare skin disorder may mean a lifetime of blisters** for 3-year-old Ryan Hopkins of Fort Worth, Tex. Ryan travels regularly to St. Louis to see Eugene A. Bauer, M.D., Sydney M. and Stella H. Schoenberg Professor (dermatology), who is treating the child for epidermolysis bullosa, a genetic skin disorder that strikes one in every 50,000 newborns in America. The story, with a photograph of Ryan, was published on the front page of the Sept. 27 Fort Worth Star-Telegram.

**Student debt called a crisis**, says an article in the Oct. 5 edition of the *Boston Sunday Globe*. Dennis J. Martin, director of financial aid, said student borrowers who must make monthly repayments of \$100 or more, using more than eight percent of their gross income, face "unmanageable debt." Martin cited a study by the National Association of Student Financial Aid Administrators that found women borrowers carry a greater burden than men when they borrow similar amounts because they average smaller salaries after graduation.

**Third-world economies are being grounded by "flight capital"** (money stashed by various means in rich foreign countries by wealthy citizens of poor countries), says an article in the Oct. 7 *Rocky Mountain News*. The money moves from depressed nations with trade deficits to rich nations with balance of payment surpluses. David Felix, Ph.D., professor of economics, says in the story that wealthy Latin Americans, as an example, have invested at least \$180 billion outside their continent.

# CALENDAR

Nov. 20-Dec. 6

## LECTURES

### Thursday, Nov. 20

**1:10 p.m. George Warren Brown School of Social Work Lecture, "The Privatization of Social Services: New Venture or Retreat to the Past,"** Loren Richter, vice president for operations for the National Benevolent Association. Brown Hall Lounge.

**4 p.m. Dept. of Biology Seminar, "Inheritance of Pattern: From Genotype to Genome,"** Paul Green, dept. of biological sciences, Stanford U. 321 Rebstock.

**4 p.m. Dept. of Chemistry Seminar, "Recent Developments in the Design of Sequence DNA Cleaving Molecules,"** Peter Dervan, prof. of chemistry, California Institute of Technology. 311 McMillen.

**4 p.m. Central Institute for the Deaf (CID) Seminar, "Spectral and Temporal Comparisons in Auditory Masking,"** Robert Gilkey, asst. research scientist, CID. Second floor aud., CID Research/Clinics Bldg., 909 S. Taylor Ave.

**4 p.m. Dept. of Earth and Planetary Sciences Seminar, "Evolution of the Great Bear Magmatic Zone, Wopmay Orogen, NWT, Canada,"** Samuel Bowring, WU asst. prof. of earth and planetary sciences. 102 Wilson.

**4 p.m. Public Affairs Thursday Series, "Presidential Pre-Nomination Politics: 1984 Leading to 1988,"** William Crotty, dept. of political science, Northwestern U. 200 C & D Eliot.

**4 p.m. Dept. of Pathology Seminar, "Expression of IGG Subclasses,"** Moon Nahm, WU asst. prof. of pathology. Pathology Library, 3rd fl., West Bldg.

**8 p.m. Asian Art Society of Washington University Lecture, "Art of the Ajanta Caves,"** Walter Spink, U. of Michigan. Steinberg Aud.

**8 p.m. Dept. of English Colloquium, "Lines of Authority: Politics and Literary Culture in the Later Seventeenth Century,"** Steven Zwicker, WU chairman and prof. of English. Hurst Lounge, Duncker Hall.

### Monday, Nov. 24

**3:30 p.m. Dept. of Mathematics Analysis Seminar, "Nonlinear Functionals Which Almost Commute with Interpolated Operators,"** Nigel Kalton, prof. of mathematics, U. of Missouri-Columbia. 199 Cupples I.

**4 p.m. Dept. of Biology Seminar, "Systematic Studies of Neotropical Vascular Plants,"** Enrique Forero, director of research, Missouri Botanical Garden. 322 Rebstock.

**4 p.m. Dept. of Psychology Colloquium, "Cognitive Psychophysiology,"** John Stern, WU prof. of psychology. 102 Eads.

### Monday, Dec. 1

**3:30 p.m. Dept. of Mathematics Analysis Seminar, "Real Interpolation With Function Parameter and UMD Spaces,"** Fernando Cobos, prof. of mathematics, Universidad Autonoma de Madrid. 199 Cupples I.

**4 p.m. Dept. of Biology Seminar, "Antigenic Variation and DNA Replication in Barrelia,"** Alan Barbour, dept. of microbiology, U. of Texas Health Science Center, San Antonio. 321 Rebstock.

**4 p.m. Dept. of Chemistry Seminar, "Infrared Laser Photochemistry of Silanes,"** Frederick W. Lampe, prof. of chemistry, Pennsylvania State U. 311 McMillen.

### Wednesday, Dec. 3

**4 p.m. Dept. of Physics Colloquium, "Monte Carlo Simulations on Supercomputers,"** John Zabolitsky, prof. of physics, Minnesota U. Supercomputing Institute. 204 Crow.

**7:30 p.m. History of Medicine Lecture Series, "Early Modern Medical Physiology,"** Thomas S. Hall, WU University Professor Emeritus of Biology and History of Science. St. Louis Medical Society Aud., 3839 Lindell Blvd.

### Thursday, Dec. 4

**8:30 a.m. International Affairs Program Executive Seminar, "China Trade and Investment: Strategies for Success in 1987,"** 101 Simon Hall. Reservations requested by Nov. 28. To register, call Jane Smith, asst. dean of University College, at 889-6727.

**1:10 p.m. George Warren Brown School of Social Work Lecture, "The Juvenile Sex Offender: Facts and Myths,"** Robert Pierce, WU assoc. prof. of social work. Brown Hall Lounge.

**4 p.m. Dept. of Chemistry Seminar, "Applications of NMR of Molecular Dynamics,"** Robert G. Bryant, prof. of chemistry, U. of Rochester Medical Center. 311 McMillen.

**4 p.m. Dept. of Earth and Planetary Sciences Charles W. Buescher Memorial Colloquium, "Venus and Earth: Why Are the Tectonics Different?"** Roger J. Phillips, prof. of geological sciences, Southern Methodist U. 102 Wilson.

### Friday, Dec. 5

**1:10 p.m. George Warren Brown School of Social Work Lecture, "Racial and Personal Identity in the Black Experience,"** Leon Chestang, dean of the school of social work, Wayne State U. Brown Hall Lounge.

**6 and 8:30 p.m. WU Association Film Travel Lecture Series, "Great Britain's Great Canals,"** Fran and Brooke Reidelberger, filmmakers. Graham Chapel. For ticket info., call 889-5122.

**7 p.m. Latin America Forum Series, "The Sanctuary Movement,"** Angie O'Gorman and Jean Abbott, speakers. Lambert Lounge, Mallinckrodt Center.

## PERFORMANCES

### Thursday, Dec. 4

**8 p.m. Student Dance Concert** at the Dance Studio, 207 Mallinckrodt. (Also Dec. 5-7, same time, Dance Studio.) General admission is \$3; WU community and senior citizens, \$2. Children 12 and under free. For more info., call 889-5858.

### Friday, Dec. 5

**8 p.m. Edison Theatre Presents Robert Ashley's "Atalanta"** (Also Sat., Dec. 6, same time, Edison.) General admission is \$15; WU faculty/staff and senior citizens, \$10; students, \$7. For more info., call the Edison Theatre box office at 889-6543.

## MUSIC

### Saturday, Nov. 22

**8 p.m. Dept. of Music Faculty Recital** with lutanist Kevin Mason assisted by members of the University Collegium Musicum. McMillan Lounge. (Previously had been scheduled for Steinberg Aud.)

### Sunday, Nov. 23

**4 p.m. Washington University Wind Ensemble Concert.** Edison Theatre.

### Monday, Nov. 30

**7:30 p.m. University City Symphony Orchestra Concert.** Sponsored by the Dept. of Music. Graham Chapel.

### Wednesday, Dec. 3

**8 p.m. WU Symphony Orchestra Concert** with Seth Carlin, director. Graham Chapel.

### Saturday, Dec. 6

**8 p.m. Dept. of Music Annual Madrigal Christmas Concert** with Orland Johnson, director. Holmes Lounge.

## EXHIBITIONS

**"Beckett at 80,"** an exhibit of books and manuscripts drawn from the Samuel Beckett Collection. Through Dec. 31. Special Collections, Olin Library. 8:30 a.m.-5 p.m. weekdays.

**"Bill Kohn: Sabbatical Exhibit."** Through Nov. 24. Bixby Gallery, Bixby Hall. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

**"MEA Thesis Show,"** paintings and sculpture by December graduates Nathaniel Clark and Patrick Duncan. Bixby Gallery, Bixby Hall. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

**"Early Modernist Architecture in St. Louis: William Adair Bernouddy."** Through Dec. 7. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

**"Faculty Show."** Through Dec. 28. Gallery of Art, upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

**"Recent Photographic Acquisitions."** Through Dec. 28. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.



**Cave art:** "Art of the Ajanta Caves," located in central India, will be discussed during a slide lecture by Walter Spink of the University of Michigan. Above, a detail from a wall painting (circa 5th century A.D.) depicts the Great Bodhisattva Padmapani, a Buddhist deity of compassion. The Asian Art Society is sponsoring the event, which begins at 8 p.m. Nov. 20 in Steinberg Auditorium.

## SPORTS

### Tuesday, Nov. 25

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

### Friday, Dec. 5

**6 p.m. WU Lopata Classic Men's Basketball Tournament.** (Also Sat., Dec. 6.) Field House.

### Saturday, Dec. 6

**11:30 a.m. Men's and Women's Swimming and Diving,** WU vs. U. of Arkansas at Little Rock. Millstone Pool.

## FILMS

### Thursday, Nov. 20

**7 and 9:30 p.m. WU Filmboard Series, "Ikiru."** \$2. Brown Hall.

### Friday, Nov. 21

**7:30 p.m. The Film "Glissements progressifs du plaisir,"** with a 30-minute filmed commentary by Alain Robbe-Grillet, WU Distinguished Professor of Romance Languages and Literatures, will be shown in Meyer Language Lab, Ridgley Hall.

**8 and 10 p.m. WU Filmboard Series, "La Cage Aux Folles."** \$2. Brown Hall. (Also Sat., Nov. 22, same times, and Sun., Nov. 23, at 7 p.m., Brown.)

**Midnight. WU Filmboard Series, "Godzilla vs. the Sea Monster."** \$2. Brown Hall. (Also Sat., Nov. 22, same time, Brown.)

### Monday, Dec. 1

**7 and 9:30 p.m. WU Filmboard Series, "The Treasure of Sierre Madre."** \$2. Brown Hall. (Also Tues., Dec. 2, same times, Brown.)

### Wednesday, Dec. 3

**7 and 9:15 p.m. WU Filmboard Series, "La Grand Illusion."** \$2. Brown Hall. (Also Thurs., Dec. 4, same times, Brown.)

### Friday, Dec. 5

**7 and 9:15 p.m. WU Filmboard Series, "Hannah and Her Sisters."** \$2. Brown Hall. (Also Sat., Dec. 6, same times, and Sun., Dec. 7, at 7 p.m., Brown.)

**11:30 p.m. WU Filmboard Series, "The Last Tango in Paris."** \$2. Brown Hall. (Also Sat., Dec. 6, same time, and Sun., Dec. 7, at 9:15 p.m., Brown.)

## MISCELLANY

### Friday, Nov. 21

**7 p.m. Latin America Forum Series, "Guatemala."** A video "When the Mountains Tremble" will be shown. Lambert Lounge, Mallinckrodt Center.

### Sunday, Nov. 23

**Noon. 33rd Annual Brunch and Fashion Show** for the Newman Center in the ballroom of the Park Terrace Airport Hilton Hotel, 10330 Natural Bridge Road. For info. and reservations, call 725-3358.

### Wednesday, Dec. 3

**7:30 p.m. The Society for the Scientific Study of PSI Meeting.** Michael Thalbourne will speak on "Parapsychology in the Soviet Union: What Are the Russians Really Up to?" Women's Bldg. Lounge. Admission for members is free, for non-members, \$3; and for students, \$1.

### Calendar Deadline

The deadline to submit items for the Dec. 11-20 calendar of the *Washington University Record* is Nov. 26. 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.