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Record

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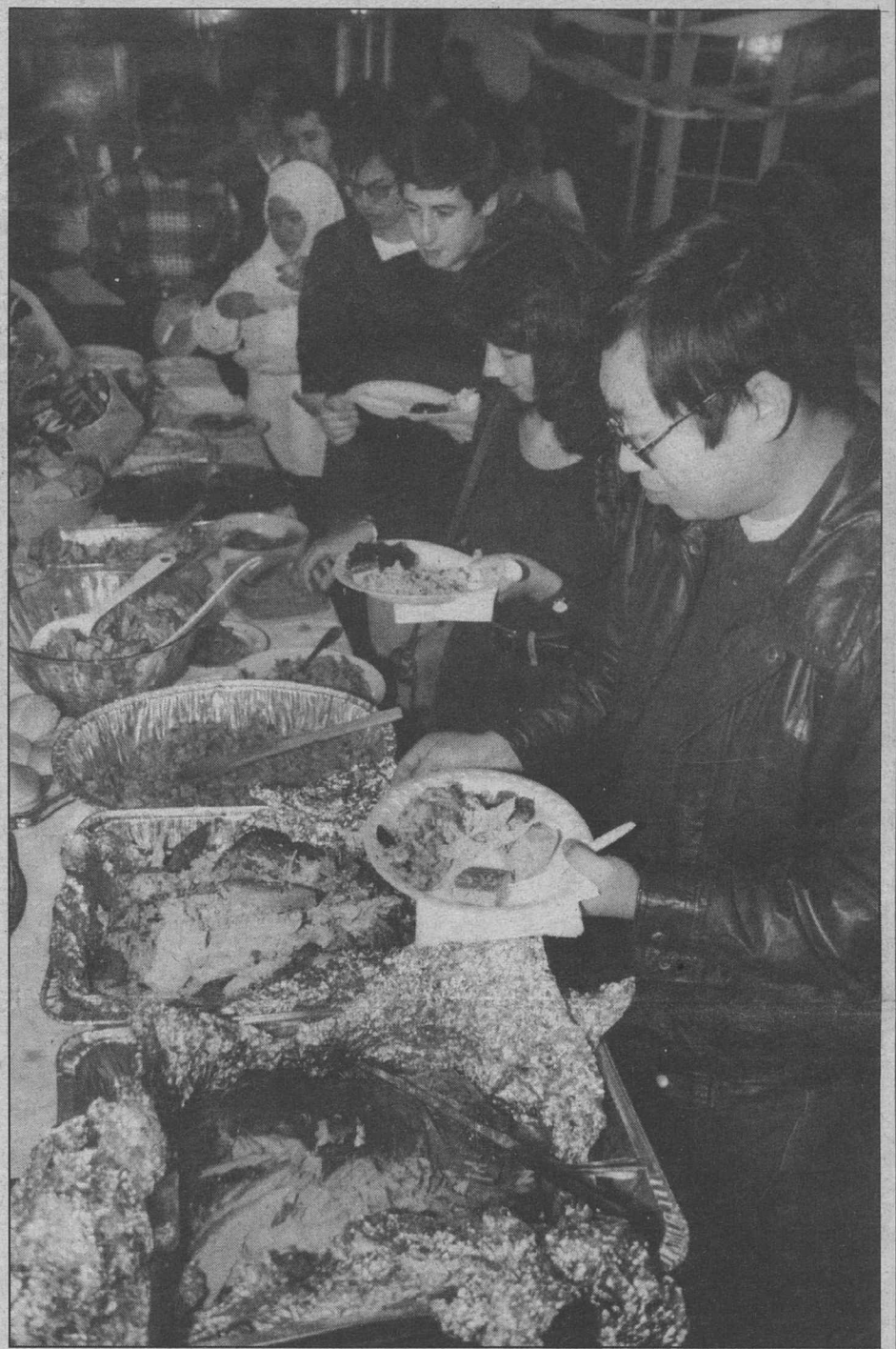
Vol. 21 No. 14 Dec. 5, 1996

Far from home for the holiday



International students at Washington University had the chance to experience the American tradition of Thanksgiving on Thursday, Nov. 28. ABOVE: International student Kamran Jamali of Iran and St. Louis resident Jennifer Mowery share conversation during their meal in the John M. Olin School of Business. The business school hosted its second annual Thanksgiving meal for international students unable to go home for the holiday. RIGHT: Students fill their plates with food at the inaugural Thanksgiving Day event at Stix International House. The turkey at Stix was provided by several international student organizations, including COSMO, Connections and the Overseas Students Association. Side dishes were brought by participants and included fare from Asia, Latin America, the Middle East and Africa.

PHOTOS BY MARY BUTKUS.



Koreans visit WU to learn about U.S. intellectual property law

Representatives from Yonsei University in Seoul, Korea, said their recent visit to the Washington University School of Law provided invaluable insights into the nuances of U.S. intellectual property law.

"We are the first graduate program in intellectual property and law in Korea but don't yet have the professional manpower quantitatively and qualitatively," said Jung-Gun Kim, dean of Yonsei's Graduate School of Intellectual Property and Law. "I wanted the students to meet and be exposed to some of the renowned experts in the world in this field."

Kim said members of Yonsei's Senior Intellectual Property Management Program chose to make the trip to Washington University because they are familiar

with Washington University Professor Charles R. McManis, J.D., an expert in intellectual property law and unfair trade practices, particularly in Korea, China, Japan and Taiwan.

"Professor McManis played a bridge role to expose our students to a newly developed area about which we are admittedly far behind," Kim said.

McManis said he first met Kim and other faculty members at Yonsei University in the summer of 1994 after attending an institute in intellectual property law in Korea. McManis' visit helped further an existing rapport with Yonsei. That university's president, Ja Song, D.B.A., is a graduate of the John M. Olin School of Business. Yonsei graduates have attended the School of Law's

LL.M. program for international students and J.S.D. program.

McManis said the Korean group's trip here last month was a tremendous opportunity for the School of Law and signifies the increasingly global nature of intellectual property issues, particularly for Asian businesses that export into the United States.

"The visit is important as a purely academic matter, but also from a practical standpoint. People in Asia who do business here are really interested in U.S. law," McManis said. "There is a perception that the law really works over here and the legal protection offered is really valuable."

Law school Dean Dorsey D. Ellis Jr., J.D., said he hopes the visit will pave the way for future exchanges.

"As our globe continues to shrink, we increasingly view ourselves as an international law school," he said. "We are expanding our involvement with people throughout the world and particularly in the Asia-Pacific region."

The daylong conference included presentations, translated into Korean by an interpreter, on U.S. trademark, trade secret, copyright and patent law. McManis gave a general overview and explained the differences between Korean and U.S. law, as well as how to obtain, maintain and exploit intellectual property protection in the United States.

An expert in patent law and a professor at Wayne State University's School of Law, Martin Adelman, J.D., discussed

Continued on back page

Wiens finds temperature plays role in large, deep earthquakes

Throughout the ages, people have wondered what causes large, terrifying earthquakes.

The ancient Japanese, for instance, attributed the shaking and destruction to the thrashing of a giant catfish buried beneath the soil. Scientists, who long ago dismissed the "catfish theory" out of hand, now know that shallow earthquakes are caused by the slippage of giant blocks of the Earth along faults, but the cause of deeper earthquakes remains a mystery.

Douglas A. Wiens, Ph.D., professor of earth and planetary sciences in Arts and Sciences, has gathered compelling evidence that deep earthquakes are funda-

mentally different from shallow-earthquakes and that the characteristics of deep earthquakes are controlled by temperature.

Wiens and recent Washington University graduate Hersh Gilbert found that large, deep earthquakes producing abundant aftershocks occur in "cold" regions limited entirely to the Pacific Southwest. They occur where rock descends relatively quickly into the inner Earth, resulting in material that is colder than elsewhere in the world.

Analyzing 40 years of data from nearly two dozen large, deep earthquakes (occurring between 250 and 400 miles

into the Earth) in South America and the Pacific region, Wiens has shown that South American and Japanese earthquakes have very few aftershocks, while those in the Pacific Southwest beneath the Tonga, Marianas and Indonesian islands have lots of them. The South American earthquakes occur in hotter regions; the Pacific ones in cold areas.

His findings suggest that different subduction zones — places where a plate descends beneath another plate, leading to earthquakes — have different aftershock production rates and that the aftershock production rates are related to the

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Medical Update



Elaine C. Davis, Ph.D., right, and first-year student Mark Walsh, second from right, admire Davis' award during a Nov. 22 School of Medicine ceremony to honor distinguished teaching. Davis and other faculty members were honored during the 10th annual event, which was held in the Eric P. Newman Education Center. Other first-year students pictured are, from left, Tammy Cheng, Heidi Weilbach and Bobby Kasthuri.

Masters of teaching

Students recognize extraordinary instruction at annual ceremony

First- and second-year School of Medicine students recognized four outstanding faculty members for their dedication to teaching at a schoolwide ceremony Nov. 22 in the Eric P. Newman Education Center. The honorees were: Dana R. Abendschein, Ph.D., research associate professor of medicine and of cell biology and physiology; Elaine C. Davis, Ph.D., research assistant professor of cell biology and physiology; Scot G. Hickman, M.D., associate professor of medicine; and Steven L. Carroll, M.D., Ph.D., assistant professor of pathology.



Dana R. Abendschein

Abendschein was named Professor of the Year by the Class of 1999 for his instruction in physiology. He joined the School of Medicine faculty in 1983 as an assistant professor and began teaching in 1985. Abendschein attributes his success as a teacher to the influence of his own instructors as a graduate student in physiology at Purdue University and as a postdoctoral fellow at the University of California at San Francisco. He tries to emphasize fundamental concepts and to simplify the material in such a way that it becomes intuitive.

"I also try to watch for cues from students and to be sensitive to their level of understanding," he said. "I'm always trying to refine my lectures to make them more effective."

Davis, who joined the faculty in 1992 as a postdoctoral fellow in cell biology and physiology, was named the Stanley Lang Lecturer of the Year for the Class of 1999. She is part of a six-person teaching team in medical gross anatomy. Davis said becoming a teacher was a lifelong dream for her. She enjoys the one-on-one student contact in teaching in the gross anatomy lab. "It's seeing the information click that makes it rewarding.

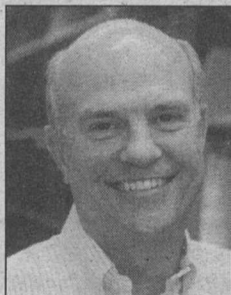
Not a day goes by in the lab that something doesn't happen to make teaching worthwhile," she said.



Elaine C. Davis

Davis said this award means a great deal to her because she will be leaving the School of Medicine next semester to take a faculty position as an assistant professor at the University of Texas Southwestern Medical Center in Dallas.

Named Professor of the Year for the Class of 1998, Hickman is course master of hematology pathophysiology. He was greatly influenced as a teacher by Carl Moore, M.D., an internationally recognized hematologist and head of the Department of Medicine from 1955 to 1972. Hickman also attributes his teaching success to numerous faculty and fellows who help instruct the course. Hickman, who joined the School of Medicine faculty in 1977, said his biggest challenge in teaching is to provide enough basic material while introducing additional information to those students who might pursue hematology as a specialty.



Scot G. Hickman

"It's also a subject I really enjoy. It's fun for me every day, and if I can teach it that way, then maybe it will be fun for students, too," he said.

Carroll, who teaches neuropathology, was named Lecturer of the Year by the Class of 1998. He said his favorite professors were Jeffrey E. Saffitz, M.D., Ph.D., professor of pathology and associate professor of medicine; Robert E. Schmidt, M.D., Ph.D., professor of pathology; and Baylor College of Medicine Professor Carl Harvey, M.D. "The best teachers I had were the ones who

were very approachable. I try to remember that," Carroll said.

In his classes, Carroll passes specimens around and asks students questions. He encourages students to teach themselves, and, in turn, his goal is for them to learn the broad principles in pathology. But he most enjoys the intellectual stimulation of teaching. "Students are always challenging you and keeping you from getting stale. I'm getting as much out of this as they are," he said.



Steven L. Carroll

The medical students also recognized 17 faculty members with Distinguished Teaching Awards for upholding the standards and maintaining the spirit of medical education. The recipients from the Class of 1999 are: Richard W. Brand, D.D.S.; Glenn C. Conroy, Ph.D.; S. Bruce Dowton, M.D.; David N. Menton, Ph.D.; Robert W. Mercer, Ph.D.; Stanley Misler, M.D., Ph.D.; Jane Phillips-Conroy, Ph.D.; Linda J. Pike, Ph.D.; and Robert S. Wilkinson, Ph.D.

Recipients from the Class of 1998 are: William E. Clutter, M.D.; Eugene M. Johnson Jr., Ph.D.; Leslie E. Kahl, M.D.; James B. Lefkowitz, M.D.; Stanley Misler, M.D., Ph.D.; Kevin A. Roth, M.D., Ph.D.; Jeffrey E. Saffitz, M.D., Ph.D.; Jay Seltzer, M.D.; and Clay Semenkovich, M.D.

Book fair to offer discounted prices

The Department of Central Administration will host a book fair from 10 a.m. to 3 p.m. Dec. 11-13 on the second-floor link of the Clinical Sciences Research Building. Books will be discounted 40 percent to 70 percent off retail prices.

Lectureship honors Gustav Schonfeld

Helena Schonfeld has established an annual lectureship in honor of her son Gustav Schonfeld, M.D., the William B. Kountz Professor of Medicine and head of the Atherosclerosis, Nutrition and Lipid Research Division. The Helena and Alexander Schonfeld Annual Lecture in Medicine began in September and will feature nationally prominent leaders in lipid research and vascular biology.

Alexander Schonfeld, M.D., graduated from Charles University Medical School in Prague, Czechoslovakia, in 1928. Alexander and Helena married in 1931 and lived in the Czech town of Munkacs, where Alexander was a general practitioner.

In 1944, the Schonfelds and their two sons were deported to the Auschwitz death camp. Alexander and Gustav later were sent to clean up the remains of the Warsaw Ghetto after it was destroyed by the Germans. In May 1945, U.S. troops freed Alexander and Gustav from a concentration camp near Dachau, Germany, and the two were reunited with Helena, who had survived Auschwitz. The couple's other son, Solomon, died in Auschwitz.

The Schonfelds emigrated to the United States in 1946 to settle in St. Louis, where they had relatives. Alexander established a general practice in East St. Louis, Ill., in 1948 after completing an internship and residency at The Jewish Hospital of St. Louis. He remained in that practice until he retired in 1978.

Helena has been active with the B'nai B'rith, the Ladies Auxiliary of the St. Clair Medical Society, the American Heart Association and the Arthritis Federation. Alexander was president of the St. Louis Yeshiva Hebrew School, a benefactor of the Epstein Hebrew Academy, and a recipient of the President's Award of the Union of American Hebrew Congregations. For many years, the two were regular donors to the medical schools at Washington and Saint Louis universities.

Alexander died in 1987. Helena still resides in St. Louis.

Gustav Schonfeld joined the School of Medicine faculty in 1972 as director of the Lipid Research Center. His research focuses on lipoproteins and atherosclerosis — the accumulation of fatty deposits in artery walls — and coronary artery disease prevention.

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Washington People

Looking back not foreign to Tatlock

It's safe to assume that when Lynne Tatlock, Ph.D., gets into her car, her first impulse is to glance in the rear-view mirror.

Because, for Tatlock, an authority on 17th- and 19th-century German literature and culture, hindsight truly is 20-20.

"I've never been able to imagine the future that well," said Tatlock, professor and chair of the Department of Germanic Languages and Literatures in Arts and Sciences. "It's always the past that I've wanted to know — 'How did we get where we are now?' Not, 'Where are we going?' Of course, that's not so good for driving!"

Looking back, Tatlock's road to teaching seems to have been prepped. Raised in West Lafayette, Ind., she is the daughter of two high school teachers — her father instructing math, her mother English. An uncle (along with her father) taught at her high school. As a 5-year-old, Tatlock made flashcards for her 1-year-younger brother, Gary. Those lessons apparently well-taught, Gary now works for the superintendent of Indiana public schools, collecting statistics on schoolteachers.

"It was always clear to me," she said. "I never could imagine myself doing anything else but teaching."

While the profession of teaching is in her blood, the link to German heritage is as thin as water. "There is *some* German background in my family — my great-grandmother on my mother's side — but it wasn't something that was cultivated at all. No one spoke German," she said. "I think having no ethnic identity whatsoever, I was always very curious about people who did. So I was attracted to learning foreign languages, period, because I wanted to know about what seemed to me strange and exotic and mysterious.

"Already as a child, I'd go around interviewing my relatives, asking them to tell me about their past. I had this curiosity, this passionate desire to know about how things had been."

After pausing for dramatic effect, Tatlock flashed her frequent smile and added, "Well, that's one version. The other is that when I started high school, everyone had to pick a language. Everyone said, 'You're a girl, take French. Boys take German.' So I said, 'Heck with that — I'll take German!'"

A desire to delve into the past

Be it by fate or obstinacy, Tatlock plunged headlong into the dual pursuit of the past and of a future career in teaching. Inspired by a "wonderful" high school German instructor, she continued her studies at Indiana University in Bloomington, which had one of the pre-eminent German programs in the United States. By the second semester of her sophomore year, the encouragement of faculty members and the allure of mind-stretching historical, cultural and literary questions cemented her resolve.

During a 10-year period, Tatlock received three degrees in Germanic languages from Indiana — a bachelor's in 1971, a master's in 1975 and a doctorate in 1981. Just days after earning the last degree, she arrived at Washington University as an assistant professor of German.

Tatlock's youthful quest for the curious and the mysterious has transformed into an intellectual exploration. Noted for her penetrating intellect, as well as her inspirational, high-energy teaching style, she has devoted much of her scholarship and teaching to 19th-century German literary realism and historiography; 19th-century journalism; regional literature; literature and politics; and the sociology of literature.

She also has delved deeply into the influence of gender on 17th-century writing and the examination of masculinity in novels. Tatlock is one of a handful of 17th-century German literary scholars who work and publish on gender — a line of inquiry that has been relatively late in gaining respectability but is now of substantial importance to the field.

In an upcoming project — the first of its kind — Tatlock will examine the novels and autobiographical

writing by three practicing musicians of the late 17th century.

"Musicians were on the low end of the occupational totem pole during that period, and I'm looking at how they carved out a professional identity for themselves and how that might be tied to ideas of masculinity," she said. "In other words, what a 'good man' is. A 'bad man' drinks and carouses and runs after women. So how did they try to distance themselves from that stereotype and build a new image of the male musician? I'm not so much interested in how it really was but instead how these men *presented* it."

One man — "a good man," Tatlock said with a grin — who has known her since her undergraduate days at

something to say. But, somehow, it's always very pleasurable."

Added Hock: "She's been a mentor for me in every way — from teaching to scholarship to being a human being. She's really teaching us how to be in the profession. There's always a lot of encouragement to be involved in in-service activities."

Tatlock's commitment to the advancement of her profession will perhaps be best illustrated by her upcoming role as president of the American Association of Teachers of German (AATG). The national organization's membership numbers about 7,500 — half being K-12 teachers and half being collegiate-level professors.



Lynne Tatlock, Ph.D., right, talks with sixth-year graduate student Lisa Hock.

"It's just one indication of her broad commitment to the education of young people," McLeod said. "It's also a measure of the respect in which Lynne is held by her colleagues."

At the top of Tatlock's presidential agenda is expanding the extremely tight and diverse job market for teaching hopefuls like Hock. At Washington University, Tatlock already has linked the German department with women's studies and other programs to foster job opportunities in those areas; has developed a research and teaching assistantship in women's studies and an internship in teaching business German; and has instituted an upper-level undergraduate course in which graduate students teach a tutorial that has a cultural/literary component.

Tatlock's term as AATG president will last from 1998-99. "I don't quite make it to the year 2000," she said with mock bemusement. "But

that's me — I don't think about the future. I think it's good for a historian-type to stop at 1999!"

One action destined to come to a halt — in part because of the AATG duties — is Tatlock's five-year role as department chair. "I never wanted to be chair in the first place — I was sort of dragged in here kicking and screaming! But I did learn a tremendous amount. Now, it's important for the department to have new ideas," she said.

Enhancing the department's rich tradition

Tatlock's dean — Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences — said the torch is being passed from good hands. "Lynne has been a terrific chair," Macias said. "The German department has a strong, rich tradition, and she has done an excellent job of enhancing that history."

"Under her guidance, the department has strengthened both the graduate and undergraduate programs and has offered outstanding symposia. With Lynne as chair, Washington University continues to be known as one of the finest German programs in the country."

Tatlock's imminent descent from the chair falls under the "shared experience" category with a rather close Hilltop Campus colleague — her husband, Joseph Loewenstein, Ph.D., associate professor of English in Arts and Sciences. Loewenstein chaired the Department of English for three years, with both beginning their terms in 1992.

"The good side was that we learned a lot from one another and shared information and experiences," Tatlock recalled. "The bad side of it was coming home at night! It was competitive sharing. One of us would scream for about an hour, then the other would say, 'Wait, I thought we were going to talk about my problem!'"

With that chapter closed, the couple will have more time for their hobbies — "the normal yuppie pleasures," Loewenstein said — like mountain hiking in Steamboat Springs, Colo., gardening and reading.

According to Tatlock, the couple have been married "since 1988, I think. Or 1987. I can't remember which." Reminded that it's stereotypically the husband who forgets such things, Tatlock said with a laugh, "We have big-time gender trouble, you know. I take out the garbage and Joe cooks."

"But that's me, still competing with the boys!"

— David Moessner

"I was attracted to learning foreign languages, period, because I wanted to know about what seemed to me strange and exotic and mysterious."

Indiana is James E. McLeod, vice chancellor for students and dean of the College of Arts and Sciences. McLeod was on the German faculty at Indiana in the early 1970s before coming to Washington University in a similar capacity.

"She clearly was a standout at Indiana," McLeod said. "Her intelligence and her genuine care for teaching were already apparent. My recollections of her first visit here also are very clear. It has been the custom in the German department to have a visiting candidate teach a class. It's a challenging setting — a full hour with the regular professor in the back of the room and a row of colleagues sitting alongside observing. And she gave a splendid class. She was committed to it, she was energetic, she was good at it."

Seconding that assessment is Lisa Hock, a sixth-year graduate student who marvels at Tatlock's ability to captivate an entire class. "It's an amazing teaching style," Hock said. "She comes to class and she's always prepared — she knows what she's teaching inside and out. But, somehow, all she has to do is say one or two things and she's able to elicit responses from students and is able to direct the discussion in the classroom without imposing her ideas. At the same time, she always is able to supply enough information so that the class goes beyond what the students knew before they walked in."

"She has high expectations, so students come to class knowing that they'd better have read and better have

Calendar

Visit Washington University's on-line calendar at <http://cf6000.wustl.edu/calendar/events/v1.1>

Dec. 5-14



Exhibitions

"type/script: notebooks: an examination." An examination of the writer's notebook as function and as form. Through Jan. 15. Special Collections, Olin Library, Level Five. Hours: 8:30 a.m.-5 p.m. weekdays. 935-5495.

"Joint Faculty Exhibition." Features works by 49 faculty members from the schools of Art and Architecture. Through Dec. 19. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-4:30 p.m. weekdays; 1-5 p.m. weekends. 935-4523.

"Twelve." Features multimedia works by second-year master's of fine arts students. Opening reception: 6-9 p.m. Dec. 6. Exhibit runs through Dec. 21. St. Louis Design Center, 12th floor, 917 Locust St. 644-5073.



Films

All Filmboard movies cost \$3 and are shown in Room 100 Brown Hall. For the 24-hour Filmboard hotline, call 935-5983.

Friday, Dec. 6

7 and 9:30 p.m. Filmboard Feature Series. "Unzipped." (Also Dec. 7, same times, and Dec. 8 at 7 p.m.)

Midnight. Filmboard Midnight Series. "The Dark Crystal." (Also Dec. 7, same time, and Dec. 8 at 9:30 p.m.)

Tuesday, Dec. 10

6 p.m. Japanese Film Series. "The Tale of Genji," with English subtitles. Room 219 South Ridgely Hall. 935-5156.



Lectures

Thursday, Dec. 5

Noon. Genetics seminar. "Genetics of Diabetes: The End of the Beginning," Graeme I. Bell, U. of Chicago. Room 823 McDonnell Medical Sciences Bldg. 362-3365.

Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor(s), title of event, name(s) of speaker(s) and affiliation(s), and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Judy Ruhland at Campus Box 1070 (or via fax: (314) 935-4259). Submission forms are available by calling (314) 935-4926.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline or holiday schedule or need more information, please call (314) 935-4926.

4 p.m. Cancer Center seminar. "PET Imaging at the U. of Washington: The Clinical/Research Interface," Janet Eary, prof. of radiology and of pathology and director, Division of Nuclear Medicine, U. of Washington, Seattle. Third Floor Aud., St. Louis Children's Hospital. 362-9035.

4 p.m. Earth and planetary sciences colloquium. "Target Serenitatis: A Partial Autopsy of the Ancient Highlands of the Moon 'BA,'" Graham Ryder, staff scientist, Lunar and Planetary Institute. Room 362 McDonnell Hall. 935-5610.

4 p.m. Molecular microbiology seminar. "BS RNase and RNase Inhibitor: Regulation of Pancreatic-type Rnases and Implications," Ravi Sirdeshmukh, Center for Cellular and Molecular Biology, Hyderabad, India. Room 775 McDonnell Medical Sciences Bldg. 362-3365.

4:30 p.m. Cardiothoracic surgery lecture. The fourth annual Charles L. Roper Lecture in General Thoracic Surgery. "Aspects of Tracheal Surgery," Hermes C. Grillo, emeritus chief of thoracic surgery, Massachusetts General Hospital, and prof. of surgery, Harvard U. Medical School. West Pavilion Aud., Barnes-Jewish Hospital.

4:30 p.m. Math colloquium. "Soliton Surfaces," Ivan Sterling, prof. of mathematics, U. of Toledo, Ohio. Room 199 Cupples I Hall. 935-6726.

5 p.m. Vision science seminar. "Corneal Endothelial Cell Regeneration," Timothy Fleming, asst. prof. of genetics and of ophthalmology and visual sciences. East Pavilion Aud., Barnes-Jewish Hospital. 362-3740.

6:15 p.m. European studies lecture. "American Perceptions of European Security From the 1920s to the Present," Verdiana Grossi, assoc. prof., European Institute of the U. of Geneva. Stix International House living room. 935-4360.

8 p.m. English/environmental literature lecture. "Re-imagining the Environment," Lawrence Buell, the John P. Marquand Professor of English, Harvard U. Sponsored by the Dept. of English and the Hewlett Program. Hurst Lounge, Room 201 Duncker Hall. 935-7334.

Friday, Dec. 6

9:15 a.m. Pediatric Grand Rounds. "Back to Sleep — Is It Working in St. Louis?" James Kemp, asst. prof. of pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "Regulatory Mechanisms of the NaK-ATPase Isozymes," Gustavo Blanco, research asst. prof. of cell biology and physiology. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

3 p.m. Thesis defense. "Characterization of the Endometrial Cancer Deletion Region at 10q25," Stacia Peiffer Schneider, graduate student in molecular genetics. Room 775 McDonnell Medical Sciences Bldg. 362-3365.

3:30 p.m. Math talk. Topic to be announced. Speaker is Jon Corbett, graduate student in mathematics. Room 199 Cupples I Hall. 935-6726.

3:45 p.m. Mental health seminar. "Mental Health Services as Delivered in Various Sectors of Care," David Mechanic, the René Dubos University Professor of Behavioral Sciences and director, Institute for Health, Health-care Policy and Aging Research, Rutgers U., New Brunswick, N.J. Room 118 Brown Hall. 935-5687.

4 p.m. Music lecture. "Cultural Translation and Musical Authenticity," Richard Fox, prof. of anthropology. Tietjens Rehearsal Hall. 935-5581.

4 p.m. Neuroscience seminar. Topic to be announced. Speaker is Berte Hille, Dept. of Physiology, U. of Washington, Seattle. Cori Aud., 4565 McKinley Ave. 362-3365.

5 p.m. Art history and archaeology lecture. "The Black Christ: Theology and Identity in the Art of William H. Johnson and Archibald Motley Jr.," Kimberly N. Pinder, asst. prof., School of the Art Institute of Chicago. Room 200 Steinberg Hall. 935-5270.

6 and 8:30 p.m. WU Association Travel Lecture Series. "Czech/Slovakia: Land of Beauty and Change," John Holod,

photojournalist. Graham Chapel. Cost: \$4.50. 935-5212.

Saturday, Dec. 7

9 a.m. Neural sciences seminar. "Series: Neuroevolution," Glenn C. Conroy, prof. of anatomy and neurobiology. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-3365.

Sunday, Dec. 8

12:30 p.m. Catholic Student Center lecture. "The Faith of a Lawyer," Stephen F. Hanlon, manager, Holland and Knight's Community Services Team, Tallahassee, Fla. Catholic Student Center, 6352 Forsyth Blvd. 725-3358.

Monday, Dec. 9

4 p.m. Immunology seminar. "Control of Lymphoid Tissue Development by Lymphotoxin," David Chaplin, prof. of genetics and of medicine and assoc. prof. of molecular microbiology. Eric P. Newman Education Center. 362-2798.

Tuesday, Dec. 10

Noon. Molecular microbiology/microbial pathogenesis seminar. "Genetic to Genomic Vaccines: A Revolution in Vaccinology," Stephen A. Johnston, Dept. of Medicine and Biochemistry, U. of Texas Southwestern Medical Center. Cori Aud., 4565 McKinley Ave. 362-8873.

12:10 p.m. Physical therapy seminar. "Do Similarities Among Patients Evoke Errors in Diagnosis?" Barbara Norton, assoc. director for post-professional studies, Program in Physical Therapy. Classroom C Forest Park Bldg., 4444 Forest Park Ave. 286-1400.

4 p.m. Diabetes research seminar. "Glucose Sensing and Signaling in Yeast — A Model Pancreas," H. Mark Johnston, assoc. prof. of genetics. Pathology Library, Room 3723 West Bldg. 362-7435.

Wednesday, Dec. 11

6:30 a.m. Anesthesiology Grand Rounds. Topic to be announced. Speaker is Sanjan Oatta, director of obstetrics anesthesia, Brigham & Women's Hospital, Boston, and prof. of anesthesia, Harvard U. Medical School. Wohl Hospital Bldg. Aud., St. Louis Children's Hospital. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Can We Talk?" Ronald C. Strickler, prof. of obstetrics and gynecology. Clopton Aud., 4950 Children's Place. 454-7886.

4 p.m. Biochemistry and molecular biophysics seminar. "Structure-function Analysis of Intracellular Fatty Acid Binding Proteins," Judith Storch, Dept. of Nutritional Science, Cook College, Rutgers U., New Brunswick, N.J. Cori Aud., 4565 McKinley Ave. 362-0261.

Thursday, Dec. 12

10 a.m. Molecular microbiology seminar. "The Clumping Factor of Staphylococcus Aureus, a Bacterial Integrin-like Fibrinogen Binding Protein," Tim Foster, prof. of microbiology, Moyné Institute of Preventive Medicine, Trinity College, Dublin, Ireland. Room 775 McDonnell Medical Sciences Bldg. 362-1485.

4 p.m. Cardiovascular bioengineering seminar. "Cardiac Mechanics," Julius Guccione, asst. prof. of mechanical engineering. Schiele Room, first floor, Barnes-Jewish Hospital. 454-7459.

4:30 p.m. Math colloquium. Topic to be announced. Speaker is Qian Min Ping, prof. of mathematics, Beijing U. Room 199 Cupples I Hall. 935-6726.

Friday, Dec. 13

9:15 a.m. Pediatric Grand Rounds. "Academic Medicine and the Changing Marketplace — Can Academic Institutions Survive?" James P. Crane, prof. of obstetrics and gynecology and of radiology; assoc. prof. of genetics; assoc. dean for clinical affairs; and assoc. vice chancellor. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar. "Regulation of Synaptic Transmission in the CNS," Donald S. Faber, prof. of anatomy and neurobiology, Medical College of Pennsylvania. Room 426 McDonnell Medical Sciences Bldg.



Music

Thursday, Dec. 5

8:30 p.m. Vocal Jazz Ensemble concert. "The Nature of Jazz," directed by Christine Hitt, choral director. Program includes "Honeysuckle Rose," "Nature Boy" and "Birdland." Steinberg Hall Aud. (See story on page 5.) 935-5581.

Friday, Dec. 6

8 p.m. WU Chorus concert. Directed by Eric Anthony, choral director. Concert includes music of Antonio Vivaldi and international and American carols. Second Presbyterian Church, 4501 Westminster Place, St. Louis. (See story on page 5.) 935-5581.

Saturday, Dec. 7

8 p.m. Chamber Choir concert. "An Anniversary Celebration for Schubert, Brahms, Bruckner and Hindemith," directed by John Stewart, director of vocal activities. Graham Chapel. (See story on page 5.) 935-5581.

Sunday, Dec. 8

7 p.m. Benefit concert. "Christmas Concert by Peter Mayer and Friends." Proceeds from the sales of two available Christmas cassette tapes benefit Christians Linked in Mission, an independent ecumenical ministry for justice and hope. Sponsored by the Lutheran Campus Ministry. Graham Chapel. 863-8140.

Wednesday, Dec. 11

8 p.m. Black Composer Repertory Chorus concert. Directed by Daniel DuMaine, choral director in music. Steinberg Hall Aud. (See story on page 5.) 935-5581.

Friday, Dec. 13

8 p.m. WU Opera concert. "From Vienna to Broadway — Operetta to the American Musical," directed by Jolly Stewart, director of the opera program. (Also Dec. 14, same time.) Umrath Hall Lounge. Cost: \$4 for the general public; \$2 for students; and free for Friends of Music members. (See story on page 5.) 935-5581.



Performances

Friday, Dec. 6

8 p.m. WU Dance Theatre concert. (Also Dec. 7, same time, and Dec. 8 at 2 p.m.) Edison Theatre. Cost: \$8 for the general public; \$6 for senior citizens and WU faculty, staff and students. (See story on page 6.) 935-6543.



Miscellany

Thursday, Dec. 5

2-4 p.m. Cardiothoracic surgery seminar. The fourth annual Roper Day Program. West Pavilion Aud., Barnes-Jewish Hospital. (See entry in "Lectures" section.)

5-8 p.m. Hillel Center event. "Come On Baby, Light My Fire." Join the Holiday Committee and welcome Hanukkah by making menorahs and candles. Hillel Center, 6300 Forsyth Blvd. 726-6177.

7:30 p.m. **Feminist reading group meeting.** The group will discuss four articles from "Differences," Vol. 6, Summer-Fall 1994. Levi Lounge, Busch Hall. For more info. and to obtain copies of the articles, call 935-5102.

Saturday, Dec. 7

8 a.m.-12:30 p.m. **Office of Continuing Medical Education symposium.** "Contemporary Management of Congestive Heart Failure." Eric P. Newman Education Center. For schedule, costs and to register, call 362-6891.

8:15 a.m.-4:30 p.m. **Office of Continuing Medical Education symposium.** "Bipolar Mood Disorder in Clinical Practice." The Ritz-Carlton, Clayton. For schedule, costs and to register, call 362-6891.

8 p.m. **Catholic Student Center event.** "Festival of Carols." Features Advent and Christmas music. Catholic Student Center, 6352 Forsyth Blvd. Cost: \$5. 725-3358.

8 p.m. **Hillel Center event.** "Hanukkah Party." A time to get together with friends and invite a friend. Hillel Center, 6300 Forsyth Blvd. Cost: \$3; free for members. 726-6177.

Monday, Dec. 9

8-10:30 a.m. **Faculty appreciation breakfast.** Co-sponsored by the Women's Panhellenic Association, the Council of Students of Arts and Sciences, the Undergraduate Business Student Council, and EnCouncil. Women's Bldg. Lounge. Open to WU faculty. 935-1148.

Tuesday, Dec. 10

9 a.m.-2:30 p.m. **Orthopaedic surgery lectures.** The H. Relton McCarroll Visiting Professor Lectures. Guest speaker is William H. Harris, prof., Harvard U. Medical School, and chief, Hip and Implant Unit, Massachusetts General Hospital. "The Perils of Polyethylene" will be presented at 9 a.m.; "Complex Acetabular Reconstructions" at 1 p.m. Discussion and case presentations follow the lectures. Eric P. Newman Education Center. 747-2562.

8 p.m. **Fiction reading.** Francisco Goldman, author of "The Long Night of White Chickens." West Campus Conference Center. Cost: \$5 for the general public; free for senior citizens and students with identifications. (See story on page 6.) 935-5576.

Friday, Dec. 13

Noon. **Woman's Club mini-luncheon and program.** "Some Adventures in the History of Washington University," Ralph E. Morrow, prof. emeritus of history. Women's Bldg. Lounge. Open to Woman's Club members and their guests. Cost: \$7. For reservations and more info., call Jen Jensen by Dec. 10 at 862-4569.

Saturday, Dec. 14

1-3:30 p.m. **Book arts workshop.** "Archival Paper Marbling." Dress appropriately for painting. Room 212 Bixby Hall. Cost: \$35. For more info. and to register, call 935-4643.

Full schedule of vocal concerts will usher in holiday season

Warm harmonies will melt the winter chill during a series of choral concerts presented this month by the Department of Music in Arts and Sciences.

The vocal offerings include a concert of great choral works, an evening of operetta, and the annual "Messiah" sing-along.

Unless otherwise noted, the following concerts are free:

• **Thursday, Dec. 5:** The Vocal Jazz Ensemble will present "The Nature of Jazz" at 8:30 p.m. in Steinberg Hall Auditorium.

• **Friday, Dec. 6:** The Washington University Chorus will present a concert that includes the music of Antonio Vivaldi, along with international and American carols. The performance begins at 8 p.m. in the Second Presbyterian Church, 4501 Westminster Place, in St. Louis.

• **Saturday, Dec. 7:** The Chamber Choir will present "An Anniversary Celebration for Schubert, Brahms, Bruckner and Hindemith" at 8 p.m. in Graham Chapel. The Chamber Choir will present major works by these composers, who recently have marked birth or death anniversaries, said John Stewart, director of the choir and director of vocal activities in the music department.

Stewart added that this year's chorus is one of the University's strongest. "The University has been attracting an increasing number of students who love to make music," he said. "There is a larger talent base to draw from. This is the best choir I've ever had."

As a result, the chorus members will stand in mixed order rather than in parts, Stewart explained. "You get a very unified sound this way," he said. "It really helps make the sound smoother and more consistent. It frees me as a conductor to pay more attention to such issues as phrasing, dynamics and rubato — slowing down and moving forward the music."

• **Wednesday, Dec. 11:** The Black Composer Repertory Chorus will present a concert at 8 p.m. in Steinberg Hall Auditorium.

• **Dec. 13 and 14:** The Washington University Opera will present "From Vienna to Broadway — Operetta to the American Musical." Each performance begins at 8 p.m. in Umrath Hall Lounge. Admission is \$4 for the general public; \$2 for students; and free for Friends of Music members.

The Washington University Opera will present a series of scenes and hit tunes from landmark operettas and Broadway musicals. Jolly Stewart, director of the opera program, described the concerts as a journey through a treasured musical genre.

"The first stop of the evening is a visit to Maxim's in Paris with music from Franz Lehár's 'The Merry Widow,' one of the most popular of all Viennese operettas," she explained. "The evening progresses with stops at Jerome Kern's 1927 masterpiece 'Show Boat,' then on to Rodgers and Hammerstein's 1940s hit 'Carousel.' The final destination is Heidelberg, Germany, and Sigmund Romberg's 'The Student Prince,' a premier work among American operettas."

Jolly Stewart said she selected the program to give her student opera singers experience performing operetta and songs from Broadway musicals. "At some point in their careers, they will be called on to sing these lighter works," she said. "This is very good training."

The singers — students in the undergraduate and graduate vocal performance program in the music department, along with guest appearances by the University's a cappella group The Pikers — will perform extended scenes from each operetta and musical. "We want to weave a little story line into the performance," Jolly Stewart said. "Audiences will not only hear hit songs but will have an idea of what these shows are all about."

• **Dec. 15:** The annual sing-along of George Frideric Handel's "Messiah" begins at 3 p.m. in Graham Chapel. The concert will be followed by wassail and carols. Admission is \$5; Friends of Music members will be admitted free.

John Stewart will lead the sing-along, an annual event in which members of the St. Louis community are invited to participate. The soloists for the work will be graduate student Stacia Thiel, soprano; recent graduate Deborah Stinson, mezzo soprano; recent graduate Joseph Consiglio, tenor; and undergraduate Mark Kent, bass. The group will be accompanied by University organist William Partridge Jr., who also is the organist at Christ Church Cathedral in St. Louis.

"This is a wonderful event, and it truly ushers in the holiday season," John Stewart said.

For more information about these concerts, call (314) 935-5581.

New handbook seeks to enhance undergraduate academic advising

In an effort to enhance the quality of undergraduate advising, Washington University has introduced a comprehensive handbook for undergraduate academic advisers that provides convenient and consistent information vital to assisting students in their academic pursuits.

Issued in August, the handbook is the result of work undertaken by the Undergraduate Council, which includes students, faculty and staff from all five undergraduate schools, and the council's Ad Hoc Committee on Advising. The two groups worked from recommendations outlined in a 1994 report issued by the University's Task Force on Undergraduate Education.

"Washington University now provides so many opportunities for undergraduates; informed and considered advice is essential. Advising has become more important because the quality of a student's education depends to a significant degree on the quality of a student's choices," said James E. McLeod, vice chancellor for students and dean of the College of Arts and Sciences.

While acknowledging that advising procedures differ among the University's five undergraduate schools, the handbook facilitates the flow of information across schools and establishes Universitywide expectations for both advisers and advisees. The handbook is organized by subject and serves as a directory to a broad range of topics:

advising tasks and contacts, placement and departmental guidelines, distribution requirements, multiple degree and pre-professional advising, University policies, study-abroad programs, co-curricular activities, and support services, among others.

The Ad Hoc Committee on Advising will continue to meet regularly to evaluate the handbook and the advising process, said James W. Davis, Ph.D., committee chair, professor of political science in Arts and Sciences, and director of The Teaching Center.

"Advising has always gone on," Davis said. "Now we have the handbook, a work-in-progress, added to the process. We hope that it will better inform advisers, whose guidance becomes especially important as students increasingly choose majors that cross school boundaries."

Added McLeod: "To have all five schools agree on what information can be put to paper and available to advisers. ... This is the first time in recent history that we've established one place where this information can be found."

The Undergraduate Council plans to issue an updated version of the "Handbook for Undergraduate Advisers" each year. Suggestions and comments may be sent to the Undergraduate Council, Advising Subcommittee, c/o James W. Davis, The Teaching Center, Campus Box 1022. E-mail may be addressed to davis@artsci.wustl.edu.

Sports

Compiled by Mike Wolf, director, and Kevin Bergquist, asst. director, sports information.

Men's basketball hosts Lopata Classic

The Lopata Classic — an annual highlight on the Washington University athletics calendar — tips off Friday, Dec. 6, in the WU Field House. The four-team basketball tournament, which also is known as "The Brainball Classic," features first-time entrant Wesleyan University (Middletown, Conn.) taking on the Bears at 8 p.m. Friday. In the other semifinal Friday, Claremont-Mudd-Scripps Colleges (Claremont, Calif.) plays Trinity University (San Antonio) at 6 p.m. The third-place and championship games are set for Saturday, Dec. 7, at 6 and 8 p.m., respectively.

Despite the loss of four starters from last year's NCAA Elite Eight squad, the Bears successfully have opened their 1996-97 season by winning three of their first five games. All three victories have come against NCAA Midwest Region foes — 90-84 (overtime) over DePauw University (Greencastle, Ind.); 82-64 over Millikin University (Decatur, Ill.); and 87-61 over Illinois College (Jacksonville). Both of the losses occurred in the closing seconds — a 67-66 defeat to Wittenberg University (Springfield, Ohio) and a 102-96 setback to Simpson College (Indianola, Iowa).

Current record: 3-2

This week: 8 p.m. Friday, Dec. 6, Lopata Classic, WU vs. Wesleyan, WU Field House; 6 or 8 p.m. Saturday, Dec. 7, Lopata Classic, WU vs. Trinity or Claremont-Mudd-Scripps, WU Field House

Women's basketball 4-0 after invitational

Fresh off its championship in the Washington University Invitational, the women's basketball team returns to the road this weekend for games in Jacksonville, Ill., against Illinois College (Friday, Dec. 6) and MacMurray College (Saturday, Dec. 7).

The Bears remained undefeated this season with convincing tourna-

ment home wins over Aurora (Ill.) University 72-50 and Millsaps College (Jackson, Miss.) 70-57. Senior forward Sara Scheffler scored a game-high 18 points and grabbed seven rebounds in the championship game to earn tourney most valuable player honors. Freshman center Alia Fischer, who has posted double-figure totals in points and rebounds in three of the four games this season, also made the all-tournament team. Junior guard Amy Schweizer recorded 13 of her 14 points in the second half to help the Bears rally for the victory over Millsaps.

Current record: 4-0

This week: 7 p.m. Friday, Dec. 6, at Illinois College; 7 p.m. Saturday, Dec. 7, at MacMurray College

Volleyball team guns for sixth-straight title

The volleyball team returns to Wisconsin this year for the NCAA Division III Final Four — a site the Bears hope hosts their sixth-consecutive NCAA championship. In 1995, WU won its fifth-consecutive title in Whitewater, Wis. This season, the Bears join Juniata College (Huntingdon, Pa.), St. Olaf College (Northfield, Minn.) and host University of Wisconsin-Oshkosh for the Final Four. WU faces St. Olaf (32-3) at 5 p.m. Friday, Dec. 6, in the first semifinal match.

The teams played earlier this season in St. Louis, with St. Olaf winning the first two games before the Bears rallied to win the next three and keep their NCAA-record 101-match home win streak alive. The championship match is slated for 7:30 p.m. Saturday, Dec. 7, after the conclusion of the 4:30 p.m. third-place match. The Bears are making their eighth-consecutive Final Four appearance and are seeking a seventh NCAA crown in 10 years.

Current record: 36-6

This week: 5 p.m. Friday, Dec. 6, vs. St. Olaf, at NCAA Division III Final Four, Oshkosh, Wis.; 4:30 or 7:30 p.m. Saturday, Dec. 7, third-place match or championship match, Oshkosh, Wis.



Students rehearse the dance "Intimations & Revelations" for the upcoming Washington University Dance Theatre concerts.

Dance Theatre showcases modern, ballet pieces

Dance lovers are invited to catch some bright young talent during the upcoming Washington University Dance Theatre concerts in Edison Theatre.

Nearly 40 top student dancers will perform seven distinctly different modern and ballet dance pieces at 8 p.m. Friday, Dec. 6, and Saturday, Dec. 7, and at 2 p.m. Sunday, Dec. 8.

The Dance Theatre showcases outstanding Washington University student dancers selected through auditions to perform dance selections choreographed by faculty members and guest artists. The Performing Arts Department in Arts and Sciences presents the program annually. Mary-Jean Cowell, Ph.D., associate professor, and Christine A. O'Neal, artist-in-residence, are artistic directors of the Dance Theatre.

"This is the largest cast we have ever had for a Dance Theatre concert," Cowell said of the 37 dancers who will perform. "The energy, commitment and competence of such a large number of dancers will add a special excitement to this year's performances."

The Dance Theatre will feature the dance "Bench Quartet" by renowned dancer and choreographer Doug Varone, whose company appeared in October as part of Edison's "OVATIONS!" series. "Bench Quartet" was acquired for the Dance Theatre in part by a gift from the Margaret Marcus Fund.

The seven dance pieces scheduled for presentation are:

- **"When a Tree Falls"**: Twenty dancers will premiere this dynamic piece set to the music of John Adams. The work is choreographed by David W. Marchant, a third-year artist-in-residence. He described the work as "exploring how space, energy and time are shaped, changed and moved by many as a physical metaphor examining the presence within, the responsibility for all, and the effect on a community by its individuals." Marchant has danced with Utah's Repertory Dance Theater and was assistant artistic director of Corning Dancers and Company.

Freshman dies in residence hall room

Aaron M. Semenske, a freshman in the School of Engineering and Applied Science, died Tuesday, Nov. 26, in Koenig Residence Hall. While a medical report had not been released as of Monday, Dec. 2, all indications are that the death was from natural causes.

Semenske was with friends watching a movie in a second-floor residence hall room on the evening of Monday, Nov. 25, and the early morning of Nov. 26. At about 12:15 a.m., he was stricken and collapsed. The University Emergency Support Team responded immediately, as did the Clayton police and ambulance

- **"Intimations & Revelations"**: Eight dancers will premiere this highly dramatic dance set to the specially commissioned music of George Chavé, assistant professor of music at the University of Texas at Arlington. The choreography is a collaborative effort between Cowell, head of the Performing Arts Department's dance program, and student dancers. Together, they have created a movement vocabulary ranging from body language used in daily life to more abstract movement images. Cowell described the work as "exploring how movement can intimate or clearly reveal emotions and situations." Cowell has danced extensively with professional companies throughout the United States and Japan, and she holds a doctorate in Japanese literature and theater.

- **"Nulidad (Nullity)"**: This dark, apocalyptic solo dance is set to the music of Ingram Marshall and Earth. The choreographer is Angel F. Mendez, O.P., an adjunct dance faculty member. Mendez described the work as "a reflection on existentialism and on the irrational and absurd power of destruction of so-called 'civilized humankind.' 'Nulidad' is a critique of the way we overuse words, abuse power, impose violence, manipulate information and crush nature." Mendez performed with the Sharir Dance Company and has performed throughout the United States, Mexico and Europe. A member of the Dominican religious order, he is pursuing graduate studies at the Aquinas Institute of Theology in St. Louis.

- **"Wisdom-Sophia"**: Three women will perform this highly evocative dance set to the music of Dead Can Dance. Choreographer Mendez said the work "explores the feminine face of God and the nature and essence of God-self as ecstatic community."

- **"Take Five"**: Three dancers will perform this jazz dance set to Dave Brubeck's classic of the same title. The work, choreographed by O'Neal, premiered during the 1994 St. Louis Dance Festival. O'Neal has danced with such companies as the National Ballet, American Ballet Theatre, and Dancers.

service. Semenske was taken to St. Mary's Health Center, where he was pronounced dead at about 1:25 a.m.

A native of Brookfield, Ill., Semenske lettered on the Washington University varsity football team. He was valedictorian at Riverside-Brookfield High School and enjoyed listening to classical music, Mozart in particular.

The funeral was held Saturday, Nov. 30, at Chicago's St. Andrew Lutheran Church, where Semenske's father is pastor.

An on-campus memorial service is being planned. For more information, call (314) 935-5040.

- **Untitled**: A work still in progress, this eclectic ballet-inspired dance is set to the music of George Frideric Handel. Choreographed by O'Neal, the work blends classical ballet with various character dances. O'Neal said that "although it is formal in structure, the work's overall feeling is demi-classical."

- **"Bench Quartet"**: Four students will perform this work set to the music of Johann Sebastian Bach. The work was choreographed by Varone. Earlier this fall, it was taught to the students of the Dance Theatre by Edward Taketa, a member of Doug Varone and Dancers. Taketa, the 1996-97 Marcus artist, was in residence at Washington University for a week-and-a-half this fall.

Tickets are \$8 for the general public and \$6 for senior citizens and University faculty, staff and students.

For tickets, call the Edison box office at (314) 935-6543.

Francisco Goldman to read from works

Guatemalan-American novelist and journalist Francisco Goldman will read from his works at 8 p.m. Tuesday, Dec. 10, in the West Campus Conference Center. The event is part of a reading series presented by the International Writers Center in Arts and Sciences.

Goldman's first novel, "The Long Night of White Chickens" (1992), received the Sue Kaufman Prize for First Fiction from the American Academy of Arts and Letters and was a finalist for the PEN/Faulkner Award. Set in Guatemala, the novel focuses on the efforts of Guatemalan-American Roger Graetz to discover the truth behind the murder of Flor de Mayo, an American-educated Guatemalan who returned to her homeland to direct an orphanage. Luis Moya, Flor's lover and an outspoken Guatemalan journalist, assists Roger in uncovering the political and romantic entanglements of Flor's life.

The St. Louis Post-Dispatch calls the work an "eloquent and powerful first novel, ... a masterfully conceived work of art." The New York Times praises Goldman's solidly realistic and richly detailed evocation of what it's like to live in Guatemala.

Goldman was born in 1955 and was raised in Needham, Mass., and in Guatemala City, Guatemala. His short stories and journalistic pieces have appeared in Esquire, The New York Times Magazine and The New Yorker. His second novel, "The Ordinary Seaman," is forthcoming next year. Goldman lives in Mexico City and in New York.

Goldman will be introduced by Randolph D. Pope, Ph.D., professor and chair of the Department of Comparative Literature and professor of romance languages and literatures in Arts and Sciences. A book signing will follow the reading. Admission is \$5. Students with valid identifications and senior citizens will be admitted free. Arts and Education Council cardholders will receive a two-for-one discount.

This is the second reading of the fourth season of the International Writers Center Reading Series. The reading series is underwritten by the Arts and Education Council, the Lannan Foundation, the Missouri Arts Council, the Regional Arts Commission, and Mary and Max Wisgerhof. For more information, call (314) 935-5576.

Campus Watch

The following incidents were reported to the University Police Department from Nov. 18-Dec. 1. Readers with information that could assist the investigation of these incidents are urged to call (314) 935-5555. This release is provided as a public service to promote safety-awareness on campus.

Nov. 19

12:58 p.m. — A laptop computer and a modem were reported stolen from Eliot Hall.

3:59 p.m. — A student reported that a harassing message was left on an office door in the Women's Building.

Nov. 20

12:58 p.m. — A portable radio was reported stolen from a locked Eliot Hall office.

1:49 p.m. — A staff member reported that a door to a projection room was forced open and a VCR was stolen.

3:01 p.m. — A student reported leaving a wallet in a Wydown Residence Hall conference room, and currency and credit cards were removed from it.

Nov. 22

1:39 a.m. — Two students were reportedly on the roof of the housing office in the South 40 and complied when asked to come down.

6:59 a.m. — Two Eliot Hall offices were broken into, and a portable radio and a laptop computer were reported stolen.

4 p.m. — A staff member reported that a VCR was stolen from an Eads Hall classroom in October. The delay in reporting is due to verifying that the VCR had not been borrowed.

8:05 p.m. — A student reported being approached by an intoxicated male who made threatening gestures in Wydown Residence Hall.

Nov. 25

1:31 a.m. — A student reported that a vehicle was struck by another vehicle in the South 40.

9:11 a.m. — A staff member reported that someone tried to pry open a fire door that leads to the computer store in Mallinckrodt Center.

11:28 a.m. — Several Lopata Hall offices were reported ransacked. Staff members are inventorying their areas to determine which items were stolen.

12:35 p.m. — A refrigerated display case in Bixby Hall was forced open, and several beverages were stolen.

Nov. 26

2:29 p.m. — Money was reported stolen from a purse in Compton Hall.

Nov. 29

5:36 a.m. — A spotlight was broken off a University Police vehicle parked near Wohl Student Center.

Crime alert

University Police has issued a crime alert regarding two incidents of theft and vandalism last month in Rebstock Hall and in the Mudd Law Building.

University Police received a report at about 9:45 p.m. Nov. 18 that a Cache-Card machine on Rebstock's second floor had been pried open and money was removed. Another machine on Mudd's third floor was vandalized but entry was not gained. This vandalism was discovered at about 1:05 a.m. Nov. 19. The descriptions of a suspicious person seen in the areas during the time frames of both incidents are similar. The person is described as a male in his late 20s or early 30s, black, about 5-foot-8 in height, medium build. The person was wearing a blue baseball hat, a gray or brown zipper sweatshirt, and blue pants.

For The Record

For The Record contains news about a wide variety of faculty, staff and student scholarly and professional activities.

Of note

James M. Cheverud, Ph.D., professor of anatomy and neurobiology and of genetics, received a \$122,674 three-year grant from the National Science Foundation for a project titled "Morphological and Phylogenetic Diversification in the Tamarins"....

S. Bruce Dowton, M.D., associate professor of pediatrics and assistant professor of genetics, received a \$51,100 one-year grant contract from the Illinois Department of Public Health for a project titled "Genetics Program"....

Diane M. Harris, Ph.D., research associate in biochemistry and molecular biophysics, received a \$23,700 one-year fellowship award from the National Institute of Diabetes and Digestive and Kidney Diseases for a project titled "Ontogeny of Rat Liver IGF-I Gene Regulation"....

James A. Waddle, Ph.D., research associate in genetics, received a \$55,000 one-year award from the Burroughs Wellcome Fund.

Speaking of

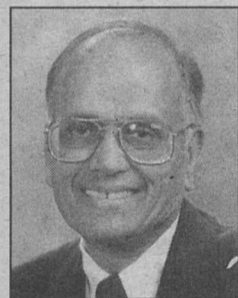
William H. Gass, Ph.D., the David May Distinguished University Professor in the Humanities and director of the Interna-

Dean Shanti Khinduka honored with award for education excellence

Shanti K. Khinduka, Ph.D., dean of the George Warren Brown School of Social Work, recently received the President's Award for Excellence in Social Work Education from the National Association of Social Workers (NASW).

Jay Cayner, president of the NASW, presented the award Nov. 14 during a luncheon at the association's annual conference in Cleveland.

Khinduka, the author or editor of more than 40 books and articles, has written



Shanti K. Khinduka

extensively on social work education, international social work, and ethnic diversity.

Khinduka is the founding director of the Kothari Centre for Environmental Research in Calcutta, India, and a former assistant

dean at Saint Louis University's School of Social Service. He holds master's degrees in social work from India's Lucknow University and from the University of Southern California in Los Angeles and a doctorate from Brandeis University in Waltham, Mass.

Khinduka has chaired and served on the NASW's Publications Committee and has been active with the Council on Social Work Education and the National Association of Deans and Directors of Schools of Social Work.

Serving as dean of the social work school since 1974, Khinduka also is a founding member of the Inter-university Consortium for International Social Development and is the founding chair of the Journal of Social Service Research.

The NASW is the largest organization of professional social workers with 155,000 members. It serves members and advocates for sound social policy. Professional social workers practice in many settings, including family service agencies, community mental health centers, schools, hospitals, employee-assistance programs, and public and private agencies.

Professional social workers provide more than half of the nation's mental health services and offer vital services to individuals, families and communities. A professional social worker has a social work degree and meets state legal requirements.

tional Writers Center in Arts and Sciences, went to the University of Oklahoma for the presentation of the Neustadt International Prize for Literature, which went to Assia Djebar. Gass delivered an address on her work. He also gave a reading and was interviewed during Canada's Harbourfront International Festival of Authors, a weeklong series of literary events in Toronto. Additionally, an essay by Gass on Tom Phillips' "A Humument" appeared this month in *Artforum*.

On assignment

Letha A. Chadiha, Ph.D., associate professor of social work, presided over the session "Clergy, Church Workers and Families" at the 58th annual conference of the National Council of Family Relations held Nov. 9 in Kansas City, Mo. ...

Everett L. Shock, Ph.D., associate professor of earth and planetary sciences in Arts and Sciences, is collaborating with Vladimir Majer of the Universite Blaise Pascal in Clermont-Ferrand, France, on a project funded through the National Science Foundation's International Program.

Mitchell D. Schulte, a sixth-year graduate student in Shock's research group, spent three months in Majer's lab conducting experiments on the thermodynamic properties of organic compounds dissolved in superheated water.

To press

An article by **Gerald A. Gutenschwager**, Ph.D., professor of architecture, titled "Architecture in a Changing World: The New Rhetoric of Form," recently was published in the *Journal of Architectural Education*....

Aaron Rosen, Ph.D., professor of social work, recently had an article titled "The Scientific Practitioner Revisited: Some Obstacles and Requisites to Fuller Implementation in Practice" published in *Social Work Research*....

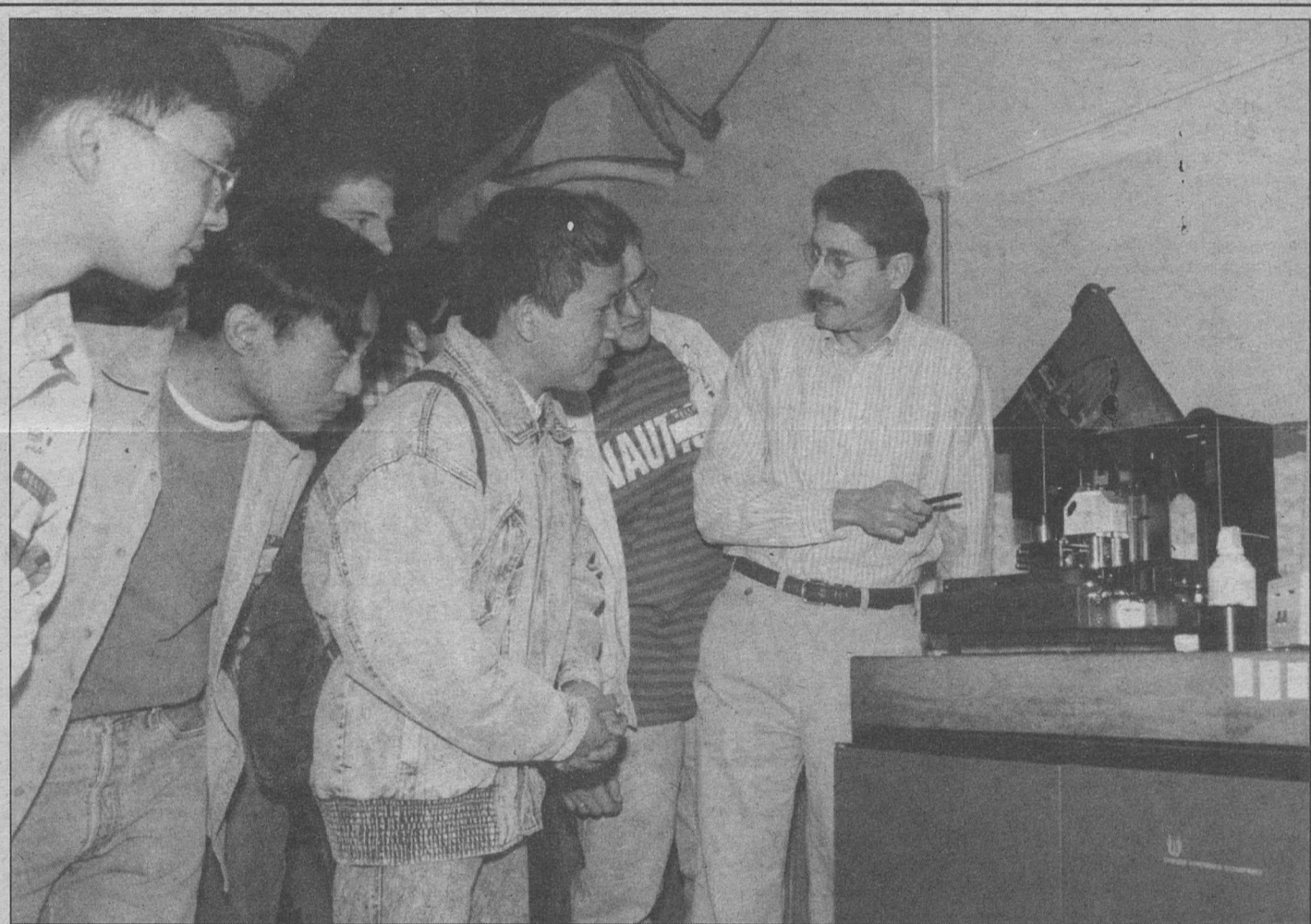
Marlys M. Staudt, a fifth-year doctoral student in social work, and **F. Brett Drake**, Ph.D., assistant professor of social work, are co-authors of an article titled "Family Preservation: Where's the Crisis?" The article was published in the Winter 1996 edition of *Children and Youth Services Review*. The article ex-

plores the lack of consistency between theory and practice in family preservation services. ...

An article by **Leila N. Sadat Wexler**, J.D., LL.M., D.E.A., associate professor of law, titled "Official English, Nationalism and Linguistic Terror: A French Lesson," was published in the *Washington Law Review*. Wexler gave a presentation based on the article at the Immigration Law Conference at the University of Colorado in Boulder. She also spoke on issues of language and comparative law at the University of Utah's Comparative Law Conference held in Salt Lake City. Additionally, her article "The Proposed International Criminal Court: An Appraisal" will appear in the *Cornell Journal of International Law*.

Guidelines for submitting copy:

Send your full name, complete title(s), department(s), phone number, and highest-earned degree(s), along with a typed description of your noteworthy activity, to *For The Record*, c/o David Moessner, Campus Box 1070, or p72245md@wuvmd.wustl.edu. Items must not exceed 75 words. For information, call Moessner at (314) 935-5293.



Focusing on research

Ronald S. Indeck, Ph.D., professor of electrical engineering, shows WU students a magnetic force microscope, which produces ultra-high-resolution images of surfaces and magnetic fields at 1,000 times their actual sizes. The machine can magnify features that are approximately one-one-hundredth the thickness of human hair. Indeck and other members of the departments of Electrical Engineering and Computer Science discussed the broad range of research activities in the two departments with about 70 students and corporate and governmental visitors during "Research Review Day" last month.

Mark Rollins named director of Summer School

Mark Rollins, Ph.D., has been appointed associate dean in University College and director of the Summer School in Arts and Sciences.

Rollins, who also is an associate professor of philosophy in Arts and Sciences, succeeds former Summer School Director Robert Wiltenburg, Ph.D., who was named dean of University College effective last July 1.



Mark Rollins

"I am delighted that Mark Rollins has agreed to join us in University College," said Wiltenburg. "We expect that his wide experience, his interdisciplinary interests and his enthusiasm will be of great benefit to us and to our students."

Rollins joined Washington University in 1987 as an assistant professor of philosophy. He was named an associate professor in 1994.

"Historically, what interested me in the Summer School was an opportunity to teach in the master's of liberal arts program a couple of summers ago," Rollins said. "It was a great experience, one that I really enjoyed. So I was attracted to the Summer School, in part, because of that."

"In addition, I was intrigued by the opportunity to learn about the workings of the University in all its dimensions. The Summer School involves almost every department — it's not isolated to one discipline."

Rollins said he's energized by the possibilities on the horizon. "The Summer School is an important part of the University and has even more potential than has been realized thus far. I'm looking forward to being creative, to developing new courses and programs, and to thinking about how best to employ the University's rich resources."

Active in many capacities within the University, Rollins is the director of undergraduate studies in philosophy, the coordinator of the interdisciplinary minor in history and philosophy of

science, a member of the Steering Committee for the doctoral Philosophy-Neuroscience-Psychology Program, and active on the College Board of Advisers.

Rollins earned a bachelor's degree in psychology in 1969 from the University of Oklahoma in Norman, a master's degree in 1976 from California State University in Los Angeles, and a doctorate in philosophy in 1986 from Columbia University in New York.

A frequently published author, Rollins wrote "Mental Imagery: On the Limits of Cognitive Science," which was published in 1989 by Yale University Press. Currently, he is completing a second book, "Minding the Brain: The Perceptual Encoding of Mental Content," which will be published by MIT Press/Bradford Books. In addition, he has edited two anthologies and has written numerous articles, papers and book reviews dealing with topics such as perception and mental imagery.

Rollins' professional activities include serving as associate editor of *Philosophical Psychology* and of *Behavioral and Brain Sciences*.

Opportunities & personnel news

Hilltop Campus

The following is a partial list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 130 West Campus, or by calling (314) 935-5906.

Health Service Quality Management Coordinator 970130. Student Health Service. Requirements: bachelor's degree; education in nursing; knowledge of statistics, sampling techniques, experimental design and questionnaire formulation; knowledge of program planning and evaluation; knowledge of formal procedures for health-care organization accreditation; knowledge of the principles of risk management; ability to manage, collect and analyze health-care data; ability to work in a participating management system as a team member and leader; excellent verbal and written skills; three to five years experience in the operation of a quality assessment/management program for a health-care organization preferred; ability to work with a high level of personal interaction; ability to identify problems and resolve them. Application required.

Database Specialist 970131. Computing and Communications. Requirements: associate's degree; minimum of two years database experience; knowledge of a database management system; ability to work resourcefully and communicate effectively, both orally and in writing; self-starter; willingness to work irregular hours, including nights and weekends, as needed; training with Windows 3.1, Microsoft Excel, Microsoft, Windows NT, Microsoft Access, Foxpro, Microsoft Word and SAS helpful; experience or training with CM, CMS, Visual Basic, TCP/IP,

MVS or JCL is preferred. Application required.

Senior Accountant 970136. Accounting Services. Requirements: bachelor's degree; excellent interpersonal skills; service-oriented communicator who is accessible and a team player with the ability to forge relationships and bring groups together on difficult accounting issues; ability to participate as a team member on various teams and projects to achieve the goals of accounting services; excellent written and oral communication skills; self-motivated individual driven by challenge with the ability to work independently and with a high degree of reliability, accuracy and productivity; analytical mind with a high degree of intelligence; ability to "think on his/her feet"; ability to meet deadlines with varying degrees of pressure. Application required.

Assistant Law Librarian, Access Service/Reference 970137. Law Library. Requirements: master's degree; law practice experience; law library public-services experience; ability to lecture; experience with Access, Powerpoint, Windows '95 and the Innopac Library System. Application required.

Administrative Assistant 970138. Investment Management. Requirements: high school graduate, plus accounting or bookkeeping courses; college degree from business or vocational school preferred; investment accounting or bookkeeping is a plus; five to seven years secretarial experience with accurate typing, including statistical typing; excellent interpersonal communication skills, particularly oral; one to two years PC word processing experience, including Microsoft Word or WordPerfect for Windows; experience with Lotus and e-mail and with spreadsheet software, such as Excel; excellent grammar, punctuation and spelling skills; excellent organizational skills; ability to maintain confidential information; ability to participate as

a team member on various types of projects. Application required.

Assistant Tax Accountant 970140. Accounting Services. Requirements: bachelor's degree; 60 semester hours of college-level credits, including nine semester hours of accounting and at least 12 semester hours of additional accounting and/or business-related courses; accuracy; excellent written and oral communication skills; high clerical and mathematical aptitude; excellent interpersonal skills; service-oriented communicator who is accessible and a team player; proficiency in the use of office equipment, including PCs and spreadsheet software. Application required.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees interested in submitting a transfer request should contact the Human Resources Department of the medical school at (314) 362-7202 to request an application. External candidates may call (314) 362-7195 for information regarding application procedures or may submit a résumé to the human resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, MO, 63110. Please note that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to departments other than human resources. Job openings also may be reached via the World Wide Web at <http://@medicine.wustl.edu/wumshr>.

Custodian 970111-R. Custodial Services. Requirements: high school graduate or equivalent; knowledge of institutional house-keeping preferred, but training is available. Multiple full-time positions available for all shifts.

Medical Research Technician 970164-R. Psychiatry. Require-

ments: bachelor's degree in biology or chemistry preferred; organizational skills; troubleshooting ability; fine motor skills. Responsibilities include performing animal research aimed at defining behavioral and biochemical changes relevant to psychiatric changes. This position requires extensive training.

Medical Assistant (PRN) 970209-R. Pediatrics. Requirement: energetic. Responsibilities include performing back-office duties and providing optimal care. Schedule: as-needed basis, but there is a strong possibility the position will lead to a permanent, full-time position.

Medical Research Technologist 970222-R. Anatomy. Requirements: bachelor's degree with course work and/or experience in anatomy and physiology, master's degree preferred; ability to work with computers. Responsibilities include preparing tissue for immunohistochemical and in situ hybridization techniques.

Programmer Analyst 970277-R. Psychiatry. Responsibilities include assisting with various computer-related tasks on a research project; installing hard-

ware and software; troubleshooting; and some SAS programming. Schedule: part-time, 20 hours per week.

Computer Systems Coordinator 970343-R. Internal Medicine. Requirements: bachelor's degree in management information systems preferred; Macintosh, IBM, server management and database application experience; experience with 4th Dimension and statistics software preferred. Responsibilities include designing, developing and managing a multiuser relational database for tracking patient study research information and protocol administration information.

Billing/Services Representative 970436-R. Neurological Surgery. Requirements: knowledge of health insurance; experience in physician billing; IDX billing and scheduling experience preferred. Responsibilities include telephoning patients to confirm appointments and pre-registering demographics and insurance information into IDX billing and scheduling software. Duties also may include charge posting and coverage of front

desk in clinic. Schedule: part-time, flexible hours, 19 hours per week.

Medical Assistant/Nursing Assistant 970439-R. Anesthesiology. Requirements: knowledge of medical terms for insurance companies; LPN or ART preferred. Responsibilities include serving as a medical assistant to a pain-management physician and two RNs, as well as the patients account representative; obtaining insurance pre-certifications; scheduling; and helping with general flow of the clinical office. Position located at Barnes-Jewish West County Hospital. Schedule: part-time, 24 hours a week.

Coder II 970459-R. Internal Medicine. Requirements: accredited records technician and/or current Missouri registered nurse license; experience with medical terminology and medical records; experience with ICD 9 and CPT coding. Responsibilities include reviewing documentation in medical records to determine the appropriate billing codes to be assigned and assisting in ensuring that necessary documentation is obtained and charges are captured for billing on a timely basis. Schedule: four 10-hour days rotating evenings and weekends.

W-2s to be mailed to homes this year

This year, the vendor that prints W-2 forms for Washington University will mail the forms directly to employees' home addresses. W-2 forms will not be sent to University departments for distribution, as was the case in the past.

Therefore, it is necessary for University employees to review their most recent

paychecks to insure that their home addresses are current and accurate. If an address is not correct, the employee immediately should contact the payroll representative in his or her department.

For more information, call Susan Wines, manager of shared payroll services, at (314) 935-4789.

Where to tune to learn if weather closes WU

If Washington University is forced to close because of a severe snow or ice storm, there are a number of media outlets that will air such closings or cancellations.

Members of the University community should watch KSDK-TV (Chan-

nel 5), KMOV-TV (Channel 4), KTVI-TV (Channel 2), KDNL-TV (Channel 30) or KPLR-TV (Channel 11), or tune into radio stations KMOX-AM (1120), MIX 97.1/KXOK-FM or, for Illinois listeners, WSIE-FM (88.7).

Korean delegation visits law school, tours new building — from page 1

obtaining and enforcing patents in the United States, as well as the role of juries in patent litigation. Charles H. Fendell, J.D., an expert in copyright law and a partner in the St. Louis firm of Lewis, Rice & Fingersh, spoke on legal considerations in marketing computer software. Fendell, a School of Law alumnus and one of McManis' former students, also is an adjunct professor of law at Washington University.

Seminar attendee and Yonsei Professor Tae-Seung Paik said he gained a deeper understanding of U.S. law, including which types of intellectual property are protected under state law and which are protected under federal law.

"The visit here is a significant factor in the students' education because Korean businessmen have disputes with Ameri-

cans with respect to patent litigation," he added.

During the seminar, Korean visiting scholars and law students at Washington University served as hosts, translators and tour guides for the nearly 30 members of the Yonsei graduate program — many of whom were accompanied by spouses.

With Gyooho Lee, a student in the J.S.D. program, translating, participant Hae-Nan Lee said he would share what he learned with fellow business leaders in Korea. An inventor of an automatic window opener for cars and an exporter of toys and stationery to the United States, Hae-Nan Lee added that he would put the knowledge he gained to immediate use.

"When I manufacture and export

products in the U.S., I will benefit from a comfortable understanding of the law," he said. "I am very impressed with the jury system. It is a much more rational method than in Korea."

With first-year law student Kyung Kwak translating, seminar attendee Kyung-Ok Pyo, who owns a construction company in Korea, said the program gave him a much better understanding of the law in its changing global context.

In addition to attending the seminar arranged by McManis, the group's visit was highlighted by a tour led by Ellis of the new law school building, Anheuser-Busch Hall, including a view of the nearly completed Janite Lee Reading Room. The reading room is named in recognition of the generosity of Korean-born Janite Lee, the mother of law school

alumnus and current LL.M. student Eunkyong Choi.

The conference ended with the awarding of certificates to the attendees, who are required to observe a foreign intellectual property law program for their course work, and presentations by the Korean contingent of traditional — as well as some unusual — gifts.

"Among the gifts to the School of Law were inventive products that some of the business people produce. They are a really good illustration of innovation — a ball point pen with a light so that you can write in the dark, a variety of ginseng tea, and a food treatment that eliminates fish odors," McManis said. "The businessman who brought the fish odor product turned to me and proudly said, 'No. 1 in Korea.'"

— Ann Nicholson

Temperature 'vitaly important' to large, deep earthquakes — from page 1

temperature of a region. Wiens used a mathematical model to determine the thermal structure of the different earthquakes — which showed whether a subduction zone was hot or cold.

These observations have never been described before. For that matter, the notion that deep earthquakes have numerous aftershocks at all is new to seismology. Wiens was the first seismologist to record a strong aftershock sequence in a large, deep earthquake — one that occurred in March 1994 beneath the Tonga Islands.

His recent findings were published in the Nov. 14 issue of Nature.

"We looked at all the large, deep earthquakes and can safely say the num-

bers of aftershocks and the overall ratio of the number of small to large earthquakes are related fundamentally to the temperatures," Wiens said. "These are novel findings that are not observed for shallower earthquakes, and they provide an important clue about what causes deep earthquakes."

Wiens observed that the Gutenberg-Richter relationship is different in hot, deep regions than in cold ones. This relationship is what seismologists use to measure the difference between the number of small earthquakes and the number of large earthquakes. If, for instance, there are 10 earthquakes of magnitude 6 (Richter scale) in a region over time, how many magnitude 7 earth-

quakes are there? In general, for shallow earthquakes, the answer is one.

The relationship is very consistent for shallow earthquakes (such as those that occur frequently along California's San Andreas Fault), but for deep earthquakes, Wiens found that there are big differences between hot and cold regions. For South America and Japan, the answer is less than one-half, but for the Tonga Islands, the answer is greater than one.

Seismologists offer three major theories for the occurrence of large, deep earthquakes. One is transformational faulting, which is triggered by a phase change — say, from graphite to diamond. The other is ductile faulting, which occurs when kinks suddenly form in

material that is too hot to be brittle. A third is related to fluids existing within the fault that aids the faulting process.

"One possible interpretation of our work is that different mechanisms may be operating in different subduction zones," Wiens said. "Transformational faulting may predominate in very cold subduction zones, such as in the Tonga event, whereas ductile faulting may be more common in the hotter zones found in South America. But, certainly, these results indicate that temperature is vitaly important in the faulting process of large, deep earthquakes in a way that is different from shallow earthquakes. Since we can't go down and see what is going on, we will need to do more analysis."

— Tony Fitzpatrick