Newman Education Center. The William A. Danforth Symposium, titled "Medicine at the Millennium," was established to recognize Danforth's longtime contributions to the University and the School of Medicine, and to see a beautiful new facility," he said. "Some of the best science at our institution serves himself some salad. Greenbaum and his family hosted a dinner on Thanksgiving Day for those business school students who were not able to travel home for the holiday. More than 150 business school students, faculty and staff attended the dinner in Simon Hall. For some international students, it was the first time they experienced a Thanksgiving dinner.

"Not only do we not have to do the data-entry, but there's no filing of (paper) applications like we did before." Erocek said. "The human resources staff now is able to help University departments check the references of prospective employees or send letters to applicants not selected for employment.

"The computerized application process at Hilltop has been running without a hitch since mid-August. A similar computerized application process was implemented earlier this month in the Human Resources Department at the Medical Campus. Erocek said the reaction from prospective employees has been positive. Although job-seekers still have the option of filling out paper applications, 90 percent of the people who come through the doors choose to use the computer. Erocek said the new system also helps ensure that the information in the application is accurate because the applicant is keying in the information into the computer directly, whereas before there could have been errors in the data-entry.

In this issue

Collaborative research

The Swedish government is funding an exchange program between Umea University and the School of Medicine.

Planetary pursuits

Raymond E. Arvidson, Ph.D., has made multiple impacts in the understanding of Venus, Mars and the Earth.

Final Four

The volleyball team is out to capture its sixth NCAA Division III championship.

Computerized job application more efficient

The computer keyboard is replacing the ink pen when it comes to filling out a Washington University job application.

The Office of Human Resources at the Hilltop Campus has implemented a computerized application process that has nearly eliminated the paper version of the University's job application. This has helped reduce the amount of clerical time spent processing and filling applications, said Carol J. Erocek, director of employment and human resources management at the Hilltop Campus. "The computer system is designed to have the person fill out the (paper) application and, because of our clerical staff members, center that data into the computer system. That was a very, very time-consuming responsibility," Erocek said. "Not only do we not have to do the data-entry, but there's no filing of (paper) applications like we did before.""The human resources staff now is able to help University departments check the references of prospective employees or send letters to applicants not selected for employment.

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Architecture students become teachers at Miriam School

Five School of Architecture graduate students have taken time out from learning about architecture to try their hands at teaching architecture. As part of a class taught by Susan Bower, visiting assistant professor of architecture, the students have spent the semester first assisting the art teacher at Miriam School, an independent school serving children with learning disabilities; then developing their own lesson plans for the children; and finally constructing a curriculum to teach young people about architecture.

Pat McKinnis, the art teacher at Miriam, originally approached Bower because she wanted to teach her students about architecture. She knew Bower was an architecture professor because Bower had donated several architectural models — left over from class projects — to Miriam School.

"We had a printmaker as an artist-in-residence last year, and it got us thinking that it was nice to use the expertise from the local arts community," said McKinnis. "I have found that the students especially enjoy going to museum visits and that it doesn't have to be particularly well-organized or expensive. The class has gelled quite well. I've enjoyed working with the students and Susan."

Added Bower: "The class gives the (graduate) students a chance to get off campus and out of Givens Hall. It's fun for them to get outside of their usual community and to get their minds off their own work. All of the students had wanted to learn to teach. The class taught them that teaching requires a lot of preparation and that timing in the classroom can be critical."

For Lin Kim, a graduate student from Korea, the class also was a cultural experience. "It gave me a chance to see another part of American society," he said. "It was really refreshing to see two positive.
Swedish government fund exchange program with School of Medicine

The Swedish government has made a SEK 600,000 three-year commitment to continue providing funds for an exchange of scientists between Umeå University in northern Sweden and the School of Medicine. It is the first of several grants that will increase collaboration between Swedish universities and major institutions in the United States.

The exchange program with Washington University grew out of a dialogue among Thomas Olsson, M.D., dean of the Faculty of Medicine at Umeå; William A. Peck, M.D., executive chancellor for medical affairs and dean of Washington University's School of Medicine; and Jeffrey I. Gordon, M.D., Alumni Professor and head of the Department of Molecular Biology and Pharmacology, director of the Division of Biology and Biomedical Sciences, and professor of medicine.

"This program provides a wonderful mechanism to strengthen the scientific relationships between our two institutions," Peck said.

Starting in January, the exchange program will allow Swedish researchers to complete two-year postdoctoral fellowships in the biomedical sciences at the School of Medicine. "This is an opportunity for outstanding young scientists to expand their studies at a critical stage in their careers," said Jill J. Hultgren, Ph.D., associate professor of molecular microbiology and Washingtion University School of Medicine coordinator of the exchange program.

The program also will support a limited number of travel grants for faculty members at both institutions.

The Umeå coordinator is Charles Sentman, Ph.D., a member of Umeå's Center for Molecular Pathogenesis. From 1990 to 1992, he was a postdoctoral fellow in the laboratory of Stanley J. Korsmeyer, M.D., professor of medicine and of pathology at Washington University and an investigator at the Howard Hughes Medical Institute.

Although the program grew out of interactions between faculty from both institutions who are interested in microbial pathogenesis, it is designed to extend beyond that field. Faculty participants in all 11 interdepartmental programs sponsored by the Division of Biology and Biomedical Sciences are eligible to serve as mentors for postdoctoral fellows from Umeå.

Applicants for postdoctoral fellowships will be responsible for initiating contacts with potential labs at the School of Medicine. Hultgren will facilitate the process. He can be reached for further information by phone (362-6772) or e-mail (hultgren@borcim.wustl.edu).

Schaffer receives award for lipid research

Jean Schaffer, M.D., assistant professor of medicine and of molecular biology and pharmacology, has been awarded the Heinrich Wieland Prize for 1994. Named after a Nobel laureate, the award recognizes outstanding research related to the biology of fats and lipids.

The 1995 Wieland Prize jointly was awarded to Schaffer and Dennis Vance of the University of Alberta in Edmonton, Canada. The award ceremony and a week-long symposium to place at Munich University in Germany.

The Wieland Prize was established in 1964 to honor young scientists whose work advances the understanding of the biological and pathological implications of fats and lipids and their nutritional and regulatory significance. The prize was founded with a $2.25 million grant from the German government.

Jean Schaffer

In 1994, Schaffer discovered the gene for a protein called FATP, or fatty acid transporting protein, which facilitates the uptake of fatty acids by heart muscle cells as a primary energy source in fat tissue and are away from fatty acid metabolism in favor of metabolism of other energy sources.

"Our observations suggest that cell suicide can make substantial contributions to stroke-induced brain damage," Schaffer said. "So by administering drugs that prevent apoptosis, we may be able to retard delayed brain damage.

Brain damage may occur days after stroke

Brain damage after stroke may develop in a surprisingly delayed fashion, School of Medicine researchers have discovered. They reported their findings Nov. 13 at the annual meeting of the Society for Neuroscience in San Diego.

"Damage that currently are being tested are designed to inhibit the damage that develops immediately after a person suffers a stroke," said Dennis W. Choi, M.D., Ph.D., Andrew B. and Gretchen P. Jones Professor and head of neurology. "But our study with rats suggests that, if this late-coming damage also occurs in humans, it may in some cases be possible to intervene a few days after the onset of symptoms."

Efforts to limit stroke damage have focused on glutamate, which is released in large amounts by oxygen-deprived neurons. The chemical quickly damages neighboring neurons, increasing a person's chance of becoming disabled.

Choi's previous work with cultured neurons suggested that a lack of oxygen and nutrients also may trigger a lingering cell suicide. This programmed cell death—apoptosis—normally occurs in the brain only during development, when it prunes away surplus neurons.

To monitor stroke damage in the intact brain, Choi and postdoctoral fellow Cheng Du, M.D., used a rat model. After the right side of the cerebral cortex was deprived of blood for 90 minutes, it developed substantial injury within six hours. The full extent of the damage could be seen within one day. In contrast, 30 minutes of blood deprivation produced an evident damage to the cortex in a day. Instead, dead tissue began to appear after three days. By two weeks, the dead area was as big as that in the rats that had been deprived of blood for 90 minutes.

In examining the injured tissue of the rats that had been deprived of blood for 30 minutes, the researchers saw cells with fragmented DNA, a hallmark of apoptosis. Moreover, rats that received a compound that inhibits protein synthesis did not develop progressive brain damage.

"Our observations suggest that cell suicide can make substantial contributions to stroke-induced brain damage," Schaffer said. "So by administering drugs that prevent apoptosis, we may be able to retard delayed brain damage.

Recurrent miscarriage study seeks volunteers

Couples who have experienced three or more miscarriages are needed as volunteers for a study being conducted by researchers in the Department of Obstetrics and Gynecology. About 20 percent of all pregnancies result in miscarriages. A cause can be identified in only about half of all couples who experience repeated miscarriages.

The study, which is funded by a $2.25 million grant from the National Institutes of Health, will evaluate how immune- and autonomic system and related biological mechanisms may be implicated in the human reproductive process. It is being conducted by Randall R. Odem, M.D., associate professor of obstetrics and gynecology, and James R. Schreiber, M.D., professor and head of the Department of Obstetrics and Gynecology.

All couples will receive increased medical care, and a psychological support during the first trimester of pregnancy. Women in the study will be randomly selected to be immunized with their husbands' cells or not, based on their husbands' DNA. All couples will receive increased medical care, and a psychological support during the first trimester of pregnancy. Women in the study will be randomly selected to be immunized with their husbands' cells or not, based on their husbands' DNA.

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Aridson brings space down to Earth

Michael E. Wysession, Ph.D., assistant professor of earth and planetary sciences, is one of the outstanding faculty members Arvidson oversees. Wysession began his career at the University in January 1991, the same month Arvidson became department chair.

"Personally, I couldn't imagine a better chair. He's a strong leader with a good vision of where he wants the department to go, but he lets his faculty work out the details of their programs on their own," Wysession said. "He knows where he wants to go, but he doesn't meddle in the rest of us in getting there—he lets us take the ball and run. As for teaching, one of his strong interests is building the undergraduate education program. In just four years, both the undergraduate program and departmental research have grown tremendously."

Collaborating with NASA

In addition to helping the department grow — and teaching hundreds of students and working with graduate students on a host of projects — Arvidson has made his imprint on landmark NASA explorations of the planets and also brought recognition to the University and the training of future planetary scientists. Lookings at the planets.

"May you live in interesting times." Not only is he living in a fascinating era in which the planets have become much more accessible to the general public, he's making the most of it and establishing an enduring foundation for future planetary scientists.

In the first 25 years of his professional career, Arvidson has made multiple contributions in the understanding of Venus, Mars, the Earth and the workings of the near-solar system, as well as in the teaching of young people and the training of future planetary scientists. Lookings at the planets.

"Petroleum geology, not Mars or Venus" was the theme of a lecture he gave at Brown University in Providence, R.I., in 1975 to celebrate the 20th anniversary of the first landing on the moon. He was an oil industry consultant when he wrote his lecture notes.

As a child in the 1950s, Arvidson had more than a passing interest in space but little in the way of background or encouragement to take him or others in that challenging direction of the planets.

"I was the first person in my immediate family to graduate from high school," Arvidson explained from his fourth-floor office in James McDonnell Hall. "My biggest influence in my teen-age years was Bill B kittelson, at the time my future father-in-law. He worked in construction for Philadelphia Electric and was an amateur astronomer. We used to go out to the Pennsylvania coal mines and collect samples and just talk about the moon and the planets together."

My direction was going beyond petroleum fields and out to the planets.

Raymond E. Arvidson, Ph.D., teaches his Focus 297 course, "Environmental Science and Policy."

"...I left for graduate school on July 20, 1969, the day Neil Armstrong walked on the moon. ... My direction was going beyond petroleum fields and out to the planets."

Tony Fitzpatrick
Exhibitions
"Engineering at Washington University. 125 Years of Excellence." Through Nov. 30. Special Collections, Olin Library. Level Five.

Fri., Dec. 1

4:30 p.m. Math colloquium. "Isometry Groups of Lorentz Manifolds (Part II)." Garrett Shaked, prof. of mathematics, U. of Maryland. Room 199 Cupples I Hall. (Tea: 4 p.m. in Room 200.) 935-6726.


Friday, Dec. 2


Saturday, Dec. 3
8 p.m. Opera. "The WU Opera presents "Olivetti"." The WU Opera presents the St. Louis Opera Theatre's "Olivetti." Cost: $5 for the general public; $1 for WU students. Tickets may be purchased at the door. Catholic Student Center, 6355 Forsyth Blvd. 362-3586.

Friday, Dec. 1
8 p.m. Film. "Black Comedy Reper- toire: Cheru Comedy." Directed by Henry Mancini, prof., Dept. of English. Room 216 Urbauer Hall. (See story, page 6.)


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Department of Music to present sing-along of Handel's "Messiah"

The Department of Music in Arts and Sciences will sponsor a sing-along of the Christmas portion of George Frideric Handel's oratorio "Messiah." The performance will begin at 5 p.m. Dec. 10 in Graham Chapel, followed by wassail and carols. Admission is $5 for the general public; $3 for Washington University students and staff, and free for all friends and Students of Music members. Everyone is invited to sing, though listeners are equally welcome," said John Stewart, an associate professor of voice who will conduct the performance. Individuals are encouraged to bring their own copies of the music, but scores will be available. Singers will have the opportunity to choose their own voice parts in their vocal range, where they will be joined by members of the Washington University Singers and St. Lucia M. Thiel, a first-year graduate student in voice, will be the soprano soloist. With Dr. Pato Consigli, who received master's degrees in both the United States and the United Kingdom will sing the alto and tenor solos, respectively. Mark Kert, a graduate of the Opera Theatre of St. Louis, will play the bass soloist, and William Partridge, organist and choirmaster at Christ Church Cathedral in St. Louis, will be the accompanist.

For more information, call 935-5581.

Kingsbury Trio concert features Baroque, 20th-century music

The Department of Music in Arts and Sciences will sponsor a Kingsbury Trio in a performance of Baroque and 20th-century music with harpsichord. The free concert will begin at 7 p.m. Sunday, Dec. 3, in Ridgley Hall's Louis Lounge. "The harpsichord is most frequently associated with music of the Renaissance and Baroque periods, but 20th-century music is not anachronistic. Present-day composers continue to write enchanting music for the instrument," said Maryse Carlin, a member of the trio who teaches piano and harpsichord at the music department. The program opens with a quartet for flute, oboe, cello and harpsichord composed by Fred Tompkins, a St. Louis composer well-known for his jazz compositions, to be followed by the 1950-1952 sonatas for the instrument by Elliott Carter. German Baroque music for flute, violin, cello and harpsichord comprises the remainder of the program, beginning with a trio sonata by Carl Philip Emmanuel Bach and concluding with "Quartet No. 6 in E minor" by Georg Philipp Telemann.

In addition to Carlin, the members of the Kingsbury Trio are Judith G. Smith, violist, and Sarah Edgerton, cello, who teaches strings at the music department. For more information, call 935-5381.

VolleyBulls seek fifth-straight crown

The volleyball team heads north this week for its seventh-straight conference trip to the NCAA Division III Final Four. The second-ranked Bears in women's basketball, which has garnered fifth-consecutive national title and sixth overall, will square off with top-ranked Ithaca (N.Y.) College on Friday, Dec. 1, in the semifinal. The second semifinal will feature third-ranked Juniata (Pa.), ninth-ranked University of Wisconsin-Whitewater, and fifth-ranked California Lutheran University (Thousand Oaks).

The Bears advanced to the Final Four following a 15-8, 15-13, 15-12 quarterfinal victory against top-ranked Juniata College (Huntington, Pa.) on Nov. 18.

Four Bears earned all-South Region recognition last week and are strong contenders for All-America honors. Tabbed among them are Shirley Shaw and Nikki Gliini, junior Stephanie Hadfield and freshman Jennifer Marz.

Correct the score: 43-0.

This week: 4:30 p.m. Friday, Dec. 1, NCAA Division III Semifinal vs. Ithaca College, Whitewater, Wis. 4:30 or 7:30 p.m. Saturday, Dec. 2, NCAA Division III Consolation Match or Final, Whitewater, Wis.

Men's basketball team opens season at 3-2

The men's basketball team has extended the gate with a 3-2 start. Sandwiching a 78-64 win over MacMurray College (Jacksonville, Ill.) on Nov. 17-18 in Bloomington, the Bears defeated Defauw University (Greenwood, Ind.) by a 76-73 overtime

for more information, call 935-2715.

Library and Learning Center

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for more information, call 935-2715.
Law students learn about alternative ways to resolve disputes

Lawyers, business people and law students in St. Louis recently spent a day at the St. Louis Community College, Center focusing on alternatives to litigation.

Alternative dispute resolution (ADR), as this field is known, is getting increased attention as courts become plugged with cases. In some areas of legal practice, like family law, ADR now is required. Businesses also use ADR as a way to decrease legal expenses.

About 250 people attended the day-long seminar — including 20 Washington University School of Law students who received units of credit toward the law school's ADR certificate or earned credit from United States Arbitration and Mediation MidWest Inc.

The seminar, titled "The New ADR," was audio-taped for the St. Louis Board of Education, said David D. Newman, the seminar's director. Newman was to deliver the taped program to such groups as the National Educational Association, the American Bar Association, the National Association of Women Attorneys and the St. Louis County Bar Association.

"ADR is something more attorneys and business people are getting interested in," said Steve Sherman, a third-year student who attended the seminar. "I have been introduced to ADR through my civil litigation work and thought it would be good to learn more about it so I can be involved.

Karen Dill, another third-year student, agreed. "Mediation and arbitration are the wave of the future, and I wanted to get involved."

Newman and Dill said the seminar provided not only mediators but of business people and other interested parties in using ADR and of lawyers interested in learning more about ADR. "Features like seeing and hearing to the questions from the business people attending," said Dill. "Their perspectives was one I was unfamiliar with, and it was thought-provoking.

Gary Bower, a graduate student at the University of Missouri-Columbia, is a neutral third party who helps two or more parties resolve a dispute. A mediator does not have the power to impose a decision on the parties. In contrast, an arbitrator typically is given the power to resolve the dispute. A mediator's decision generally is considered binding.

The morning session, chaired by former U.S. Sen. John Danforth of Mo., focused on planning, settlement and arbitration. William H. Webster, former FBI and CIA head and alumnus of the Washington University School of Law, addressed the group at lunch. In addition to discussing mediation, Webster spoke on court procedures from the judge's perspective as a mediator, the seminar's director said.

The morning session, chaired by Owedoniph Stumphus, chancellor of the St. Louis Community College District, was to mediate the issues of mediation and the benefits of minimizing litigation; an analysis of six major areas in which ADR forms are most effective; and a demonstration of how to help the community and businesses minimize litigation.

In addition to Webster, speakers included three other Washington University alumni: Jerry Hunter, former head of the National Labor Relations Board, and attorneys Henry A. Ludwig and Gerald J. Donohue. William K. Slate II, president of the American Arbitration Association, also was among the speakers.

Other Washington University law students who attended were: Burdett, Bradley Coleman, Jennifer Dill, Tom Dill, Michael Dill, Trevor Lyons, Doug Passon, Philip Price, Eric Zuckerman, Jerry Ann Spillman, Nicholas Waddles, Margaret Wallis, Nong Vieme Westing and Lynn White. Most of the students also are enrolled in a clinical practice program at the ADR center and are familiar with ADR in that context as well.

"As part of their job, they're at the Bar Association of Metropolitan St. Louis, the St. Louis Regional Commerce and Growth Association, Downtown St. Louis Inc., the American Arbitration Association, the Associations of Attorney-Mediators and the St. Louis Community College District."

Students bring architectural concepts to Miriam School

"Students bring architectural concepts to Miriam School, page 1"

They had to tailor lessons to each of those ages.

Student Garrett Saramar Leon wanted to focus on how light can affect an environment. The children helped make light boxes and experimented with how light worked when shined from outside a box that had been blocked full of holes. Some holes were covered with colored cellophane, and different-shaped objects were placed inside the box to create shadows.

"The exercise was tailored for different age groups. The 5-0-year-olds used light to learn about shapes. Children designed a shape they were interested in, painted it onto a wall, and the children talked about what the shape was and how to make it. The children then used their own bodies to make the shapes.

A group of 6- and 8-year-olds invested in light boxes which reflected the different shapes that were glued into the light box. An older group learned about the reflective properties of black and white by

Campus Watch

"The following incidents were reported to the University Police Department Nov. 12-22. Readers with information that could assist the investigation of these incidents are urged to call 935-3333. This release is provided as a public service to promote safety awareness on campus.

Nov. 13

10 a.m. — A 35 mm camera, valued at $500, was reported stolen from Forsy Hall. 10:21 a.m. — A School of Architecture video camera, valued at $200, was reported stolen from Forsy Hall. 3:59 p.m. — An unlocked mountain bike, valued at $350, was reported stolen near Olin Library.

Nov. 14

11:31 a.m. — The operator of the Subway Sandwich & Subs in the Mallinckrodt Center Food Court reported that a male subject stole a $3 sandwich. 3:43 p.m. — A purse, valued at $40, was reported stolen from Shapley Residence Hall.

Nov. 15

1:43 p.m. — A staff member reported that $100 worth of parts from the front grill of a vehicle was stolen from the Alumni House parking lot.

Nov. 16

Midnight — University Police responded to a disturbance between a student and a tow truck company employee in a parking lot near the Student Union. 2:09 a.m. — University Police responded to a report of two people arguing outside University Residence Hall. An ex-boyfriend of a student came to campus to speak to her and became verbally abusive. The ex-boyfriend was escorted from campus and was warned about trespassing. 9:31 a.m. — A Coca-Cola Co. representative reported that more than $150 worth of products and money had been stolen from a vending machine in Rubelmann Residence Hall. 1:10 p.m. — A power drill, valued at $450, was reported stolen from Eliot Hall.

Nov. 20

1 p.m. — A book bag, valued at $100, was reported stolen from the Campus Bookstore in Mallinckrodt Center. 8:56 p.m. — A visitor to the University reported that the rear window of a van was broken while it was parked near the Life Sciences Building.

Nov. 21

c a.m. — A student and two visitors were arrested for allegedly possessing stolen property when a University Police officer observed them removing mailboxes from a car on Shapley Drive. It was determined that the mailboxes were from the Creeve Courtyard area. The men were referred to the Creeve Courtyard Police Department and the University's judicial administrator.

Nov. 22

10:07 a.m. — A record player, valued at $125, was reported stolen from the Gaylord Music Studio, Room 208 Mallinckrodt Center. 1:49 p.m. — A student reported being bitten in the stomach by a dog in McGillin Hall. University Police also responded to one report of a false fire alarm, two reports of stolen license plates, one report of stolen tools from the School of Law building construction site, and one report of a stolen credit card.

From left, Carmen Bell, a junior Spanish major; Carla Cartwright, a junior English/education major; and Nancy Berg, Ph.D., assistant professor of Asian and Near Eastern Studies, look hungry at STONE Soup's one-year anniversary celebration. The student-run organization now serves as many as 150 meals a week.

Benefit performance funds spring trip to theatre festival

About 80 tickets for the Friday, Dec. 1, performance of "Stories from Generation X (Y, Z...)" have been sold for a benefit price of $5 each to raise funds so drama students and faculty can bring the play to a Seatt--le theatre festival.

More than 70 theater companies have invited the second annual Seattle Fringe Theatre Festival, which runs from March 21 to 31 and features about 300 live performances in multiple venues within walking distance of Seattle's Capitol Hill.

"Stories from Generation X (Y, Z...)" is the original production of the Performing Arts Department in Arts and Sciences, and scheduled to open at 8 p.m. on Wednesday, Nov. 29, in the Drama Studio. Seven performances are scheduled: five performances are scheduled at 8 p.m. on Thursday, Friday and Saturday, Dec. 1 and 2, and 2 p.m. on Saturday and Sunday, Dec. 2 and 3.

For benefit tickets or more information, call the Performing Arts Department at 935-5885. For tickets to "Generation X" performances, call the Edison Theatre Office at 935-6543.
Introducing new faculty members

Hilltop Campus

Joseph M. Miller, Ph.D., assistant professor of operations and manufacturing management, comes from the Massachusetts Institute of Technology (MIT) in Cambridge, where he received his doctorate in industrial engineering in 1995. His research interests include service operations, airline operations and manufacturing engineering. He received a bachelor's degree in operations research at the University of Pennsylvania in 1989 and a master's degree in operations research at MIT in 1991.

Susan J. Rotreff, Ph.D., professor of classics in Arts and Sciences, comes from the University of Pennsylvania, where she was a professor in the Department of Classics and Ancient and Medieval Studies. Among her research interests are Greek archaeology, ancient Greek pottery and multilingualism in the ancient world. She received a bachelor's degree in magna cum laude in Greek and in classical and Near Eastern archaeology in 1968 from Bryn Mawr College, a master's degree in 1972 and a doctorate in 1976, both in classics, from Princeton University.

Medical Campus:

Leslie D. Boucher, M.D., assistant professor of pathology and laboratory medicine at Washington Hospital and the Indiana University Medical Center, both in Indianapolis, is a specialist in surgical pathology and cytopathology. Her research focuses on fine needle aspiration cytology. She received a bachelor's degree in biology in 1978 from Washington University in St. Louis, a master's degree in 1980 from Transylvania University in Lexington, Ky., and a medical degree in 1989 from the University of Kentucky in Lexington.

Francis V. White, M.D., assistant professor of pathology, comes from Cincinnati Children's Hospital, where he was an instructor in pathology. His research and clinical interests are in pediatric pathology. He is certified as a diplomate of the American Board of Pathology in anatomic pathology and clinical pathology. He received a bachelor's degree in biology in 1975 from Princeton University and a medical degree in 1989 from the University of North Carolina in Chapel Hill.

Edison receives grant to improve acoustics

Washington University's Edison Theatre has been awarded a $50,000 challenge grant from the Gateway Foundation to improve the acoustics of the historic landmark, announced Evy Warshawski, Edison's managing director.

"This is one of the neediest causes in the community, one that we sincerely believe every theater in town is thinking about," said Carlin, a professor of music in Arts and Sciences who helped obtain the grant from the Gateway Foundation. "We feel that's an indication of the vast amount of theater going in the city. We want our audiences to hear in the very finest acoustical setting.

"We're presenting an Edison 'ViennaFest '97,'" Warshawski said. "I'm customizing educational programs, announcing Marcia K. Thomsen, professor of music, as director of the school.

Theresa Lynch named associate director of executive programs at business school

Before joining the business school, Lynch worked in management consulting for Ernst & Young LLP's national office in Cleveland. She received an MBA from Washington University in 1985. A certified public accountant, Lynch is a member of the Missouri Society of Certified Public Accountants.

Clariﬁcation

In the Nov. 16 issue of the Record, Date Edwards Smith, Ph.D., was listed in the new faculty section as an assistant professor of Classics in Arts and Sciences. She was also an assistant professor of African and Afro-American studies in Arts and Sciences.

Dental Alumni Association presents awards

Pilmo Tuji, D.D.S., D.E.L. and Eduardo Gutiérrez, D.D.S., each have received awards from the Dental Alumni Association at Washington University.' Tuji, of Kahului, Hawaii, is a 1952 graduate of the University of Washington Dental School. He was in private practice in Kahului until his recent retirement.


The following is a recent release available at the Campus or the University in the Office of Public Affairs.

"The Marketing Paradigm: A Guide for General Managers" is the title of a book by Paul R. Messner, Ph.D., assistant professor at the John Molloy School of Business. The book is to describe an easily remembered framework that can help general managers and business students understand how to make decisions about marketing. The book's current sales success is a rare event in academic marketing. The author, a former marketing professor at the University of Michigan, has a new book in the works titled "Marketing Management: A Guide for General Managers."
William H. Danforth Symposium features ‘high-stakes scientific accomplishments’—from page 1

Crowd watches computerized application process for medical school program. Application deadline will last 30 minutes, followed by a 15-minute period for questions.

Applicants benefit from computerization; two years healthcare reimbursement, computer proficiency; familiarity with third-party procedures; ability to develop financial analysis.