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A future Washington University graduate

Chancellor Mark S. Wrighton says hello to 5-month-old Lucas Barth, the son of Cindy Barth, center, a candidate for December graduation from Washington University. Holding Lucas is Fran Barth, Cindy's mother-in-law. The family attended a reception Sunday, Dec. 8, in Holmes Lounge for the University's candidates for December graduation. This year, there are 641 candidates for December graduation.

Supporting students

Arts and Sciences becoming national leader in graduate education

Lauretta Conklin had a master's degree in comparative political science from an Ivy League university and had been accepted into its doctoral program. She chose Washington University instead, in part, because the Graduate School of Arts and Sciences was offering her something no other university could.

Financial security.

Since the fall of 1994, the Graduate School of Arts and Sciences has offered doctoral students stipend support for six years, or to graduation, contingent on satisfactory progress. At most universities, the period of support is three to four years.

When deciding which doctoral program to enter, Conklin, who is from Ontario, Canada, felt that the academic opportunities here — coupled with the financial support — created an ideal environment. In contrast to institutions where there are many graduate students vying for limited funding, she said that "Washington University promotes intellectual creativity, collegial support and professionalism."

Because she can focus on her studies without having to juggle a job and research or worry about accumulating large debts, Conklin said she will complete her degree sooner. And when Conklin enters the job market, she is confident that she not only will find an academic position but also that she will be well-prepared for it.

While much has been written during the past few years about the overproduction of Ph.D.s and a grim academic job market for them, Washington University has taken a leadership role in reversing the trend.

Robert E. Thach, Ph.D., dean of the Graduate School of Arts and Sciences, initiated a plan three years ago that, in addition to increasing the period of stipend support, significantly reduces the number of Ph.D. candidates. The number admitted now reflects a realistic assessment of the job market.

"With our new approach to graduate education, we try to select only the very best students and enable them to concentrate on their academic work without

holding part-time jobs," Thach said.

"In turn, these best and brightest students attract the best employment offers upon graduation."

Other highlights of the graduate school's plan are:

- Assisting all new Ph.D. recipients in job placement. Successful job placement is a major factor in determining the number of new students a graduate program may admit.

- Educating all students about the employment market. This component was enhanced last summer with the appointment of two Lee M. Liberman Graduate Fellows in Arts and Sciences. As part of their fellowship project, which was funded by Liberman, a life University trustee, Genevieve Cory and Michael Orlando, Arts and Sciences doctoral candidates in German and economics, respectively, designed a graduate school home page on the World Wide Web. The home page, with links to other Web sites,

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Health insurance more affordable for students in the Graduate School of Arts and Sciences

Over the years, the Graduate Student Senate of the Graduate School of Arts and Sciences has grappled with a growing concern regarding affordable health insurance for the graduate students it represents.

A committee appointed four years ago to extensively research the issue marked the senate's first step toward making health insurance more accessible to and affordable for eligible graduate students in the Graduate School of Arts and Sciences.

A cooperative venture among the

Graduate Student Senate, the Office of the Dean in the Graduate School of Arts and Sciences, the University Health Service and the International Office has resulted in an innovative approach to addressing the problem of providing health insurance coverage to all eligible graduate students in the Graduate School of Arts and Sciences.

In the past, eligible graduate students in the Graduate School of Arts and Sciences had the option of voluntarily enrolling in the RLI-Major Hospital

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Six in a row: WU volleyball does it again

You literally have to give the Washington University volleyball team a hand for its play in the 1996 NCAA Division III final four.

After all, one hand is not enough to hold the six-consecutive championship rings the Bears have won in volleyball. On Saturday, Dec. 7, the Bears won their sixth-consecutive national championship by defeating Juniata College (Huntingdon, Pa.) 15-8, 15-9, 15-7.

The Bears needed only 70 minutes to beat Juniata in the title match — the second time in four years that WU has defeated Juniata for the championship. The Bears' 1996 national crown is their seventh in eight years.

"It feels like we started over and it is our only national championship," said WU head coach Teri Clemens. "Our success is the result of how we train and play every day. We talk about playing good volleyball, being good people and being a class act. What we reap from that sometimes is a national championship."

Sophomore middle blocker Jennifer Martz led the Bears in the championship match with 13 kills. Martz, who hit .578 in the final four, was named to the six-player all-tournament team with senior setter Stephanie Habif and sophomore outside hitter Jennifer Cafazza.

Cafazza added eight kills on .333 hitting against Juniata, while senior outside hitter Emmy Sjogren had six kills and seven digs in her final collegiate match. The balance was indicative of the Bears' offensive and defensive effort all season.

"This year our go-to player was a Bear — just set a Bear," said Clemens, who had Division III Player of the Year honorees Amy Albers and Shelley Swan around for the last four titles. "We had a different star almost every match this year. We didn't have that one go-to player, but we got what we wanted — the championship."

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Historian J.H. Hexter dies at the age of 86

J.H. "Jack" Hexter, Ph.D., an emeritus professor of history at Washington University and at Yale University who launched a major scholarly effort to chronicle the history of modern freedom, died of congestive heart failure Sunday, Dec. 8, 1996, at his St. Louis home. He was 86.

Hexter, a specialist in British history, conducted research and taught at major American universities for more than 60 years — including Queens College in New York (1939 to 1957); Yale University in New Haven, Conn. (1964 to 1978); and Washington University for two extended intervals.

At Washington University from 1957 until 1964, Hexter was for three years chair of the Department of History in Arts and Sciences. In 1964, he went to Yale, where he developed and directed

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Students have put their own messages into their furniture designs at the School of Architecture

Record takes break

This is the last issue of the Record before the holiday break. The Record will resume publication next year with the issue dated Jan. 16.

Medical Update

Executive Faculty approves school's clinical Practice Plan

The establishment and operating principles of the School of Medicine's new Practice Plan have been approved by the Executive Faculty. With this approval, the oversight and strategic direction of the school's clinical practice will be provided by the Practice Plan Board.

The board will be made up of 13 members, including: five clinical department chairs to be appointed by the dean/

executive vice chancellor for medical affairs in one-, two- and three-year staggered terms; one basic-science chair appointed by the Executive Faculty; three full-time faculty physicians whose primary activity is clinical practice elected by the faculty from a slate developed by the executive committee of the Faculty Council; the dean/executive vice chancellor for medical affairs; the Practice Plan chief executive officer; and two outside

board members appointed by a majority of the above-named board members.

The dean/executive vice chancellor for medical affairs will serve as the initial chair of the board, which is expected to begin meeting in early 1997. The Practice Plan Board will supervise four standing committees — nominating, finance, medical management and strategic planning. It also will hire a chief executive officer for the Practice Plan.

The makeup of the Practice Plan Board and its governance and powers were proposed by members of the Practice Plan Steering Committee, which met from January through October of this year to develop a clinical practice plan that will help the school better compete in a rapidly changing, managed-health-care environment. The committee reviewed a wide range of organizational options for the Practice Plan.

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The Giving Tree

As part of a class project, students in the Program in Occupational Therapy decorate a holiday tree with ornaments that are designated with gift items for children at the Edgewood Children's Center in St. Louis. Students and other individuals each pick an ornament and purchase and wrap the gift that will be taken to the center. The tree is on display in the lobby of the 4444 Forest Park Ave. building. From left are Krista Vanderhoof, Chiquita Parker, Stacy Knowlton and Jeanenne Blaha, instructor in occupational therapy.

Peck elected chair of Council of Deans

William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, was elected chair of the Council of Deans for the Association of American Medical Colleges (AAMC). He was elected at the AAMC's annual meeting held recently in San Francisco.

"As the academic medicine community strives to raise public attention to the need for continued investment in our



William A. Peck

nation's medical schools, Bill Peck will play a pivotal role as chair of the Council of Deans," said AAMC President Jordan J. Cohen, M.D. "His thorough understanding of medical schools' complex needs, coupled with his sterling leadership qualities, will serve medical education and, ultimately, the health-care delivery system well as we work to preserve and enhance these essential institutions for future generations."

"It is a great privilege to occupy this position," Peck said. "These are very challenging times for our nation's medical colleges; our goal for the year is to enhance the academic mission of these great institutions."

The AAMC is a professional organization comprising all areas of academic medicine. The AAMC's Council of Deans identifies issues affecting academic medicine and develops strategies to achieve the various missions of medical schools.

Peck also recently received the Founder's Award from the National Osteoporosis Foundation (NOF) — a tribute to his role in establishing the

foundation. Peck became the founding president of the NOF board of trustees in 1985 and held the position until 1990.

Peck is the first person to serve in the dual position of dean and executive vice chancellor for medical affairs at Washington University. He also is an internist who is internationally recognized for his work on osteoporosis, a progressive bone disease that affects more than 25 million Americans.

His leadership in the diagnosis and treatment of the disease is widely recognized. His major scientific contributions include establishing a method for directly studying the structure, function and growth of bone cells, demonstrating how hormones regulate bone cell function, and examining the causes of osteoporosis.

A past president of the American Society for Bone and Mineral Research, Peck also served on the National Arthritis, Musculoskeletal and Skin Diseases Advisory Council of the National Institutes of Health.

He has published numerous research articles on the subject of bone metabolism and bone diseases and is co-author of the book "Osteoporosis: The Silent Thief."

Peck is a fellow of the American Association for the Advancement of Science and a member of numerous additional academic and scientific societies, including the American Society for Clinical Investigators and the Association of American Physicians.

He is on the board of directors of Alpha Omega Alpha, a medical honor society, and was Clinical Teacher of the Year at Washington University in 1984.

Marshall receives awards from three organizations

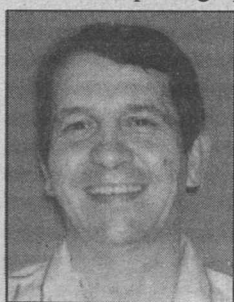
Garland R. Marshall, Ph.D., professor of molecular biology and pharmacology and of biochemistry and molecular biophysics, has received three awards, each from a different organization. He was honored by the American Chemical Society, the St. Louis Regional Commerce and Growth Association, and the Mid-Atlantic Pharmacology Society.

The American Chemical Society (ACS) honored Marshall with its Midwest Award, which is given annually to a scientist who has made a meritorious contribution to the advancement of pure or applied chemistry or chemical education while residing in the ACS' Midwest Region. The region includes Missouri, Arkansas, Iowa, Nebraska, Kansas, southern Illinois and South Dakota. Of the 46 awards given since 1944, seven have gone to Washington University faculty. The previous winners were Carl F. and Gerty T. Cori (1945), Samuel I. Weissman (1961), Oliver H. Lowry (1962), Jacob Schaefer (1987), C. David Gutsche (1988) and Michael J. Welch (1991).

Marshall also has received the St. Louis Regional Commerce and Growth Association's Science and Technology Award, which is given annually to an individual who has made significant contributions to the creation or advancement of productive technologies. The Mid-Atlantic Pharmacology Society gave

Marshall its Koeller Award, which recognizes professional leadership and contributions in pharmacology and medicine in developing new therapeutic frontiers.

Marshall directs the Center for Molecular Design at Washington University's Institute for Biomedical Computing. He is a leader in the application of computer graphics and molecular



Garland R. Marshall

modeling to medicinal chemistry. He pioneered the development of computer programs that analyze models of therapeutic drugs and their targets. By manipulating such models on a video screen, scientists can predict whether a new drug will bind to its cellular receptor even before the drug is made and tested in the laboratory. Many pharmaceutical companies use computer programs developed under Marshall's direction in their drug-design programs.

Using this technology, Marshall founded two St. Louis-based companies. In 1979, he established Tripos Associates Inc., a pioneer in the development and marketing of molecular modeling software. Tripos now is one of St. Louis'

fastest-growing high-technology companies. In 1995, Marshall founded MetaPhore Inc., which specializes in the design and discovery of compounds that trap metal ions.

Marshall also is known internationally for other areas of research. He simplified techniques for solid-phase synthesis of proteins and peptides. And the major insights he generated into the binding of small molecules to receptors allowed him to assist in the development of inhibitors of HIV-protease, an enzyme essential for viral multiplication. Such protease inhibitors now are showing great promise in the treatment of AIDS.

Marshall joined the Washington University faculty in 1966 as an instructor in physiology, biophysics and biological chemistry and in 1976 was named a full professor. He received a bachelor's degree in 1962 from the California Institute of Technology and a doctoral degree in 1966 from Rockefeller University in New York.

Marshall's other honors include the Vincent du Vigneaud Award in peptide chemistry in 1994 and the Medicinal Chemistry Award in 1989 from the ACS. Poland's premier scientific institution, the Technical University of Lodz, awarded him the Medal XL-Lecia Politechniki Lodzkiej in 1987 and an honorary degree in 1993.

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Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Washington People

Shively cares for litany of athletic injuries

Million-dollar heads crash into million-dollar knees. Players limp off the field holding million-dollar hamstrings. It's just another Sunday in the National Football League (NFL).

Almost every NFL player has suffered a remarkable litany of injuries — enough to make most people look for different careers. But the players still manage to put on their helmets in pursuit of even more injuries. They deserve credit for courage and determination, but courage alone doesn't keep them on the field.

That's why the St. Louis Rams have Robert Shively, M.D., assistant professor of orthopaedic surgery at Washington University, on the sidelines of every game. As the team orthopaedist, Shively and his partners take responsibility for every joint and muscle of the Rams. It's a serious job with some huge fringe benefits. He gets to know the Rams personally and, perhaps most importantly, gets to cheer his favorite team from the sidelines.

"You can catch him being a fan every now and then," said Rams wide receiver Jermaine Ross, a young player who partly owes his career to Shively. In August 1995, Ross tore the anterior cruciate ligament in his left knee. It was the first game of his NFL career. It could have been his last.

Shively and partner Rick Wright, M.D., instructor in orthopaedic surgery at Washington University, reconstructed Ross' knee. Ross now is back in a Rams uniform.

"I take some personal pride in the fact that here's a guy who had a potentially career-ending injury and he's not only out there performing but performing well," Shively said.

Said Ross: "I give the doctors and trainers a lot of credit. I'm very grateful."

Shively said he also feels grateful mainly because his job allows him to pursue one of his passions — watching sports. As if following the Rams across the country isn't enough, Shively also is the team orthopaedist for a dozen local high schools. He might stand on the sidelines for three games in one weekend — more sports than most coaches can take.

"I'm one of the lucky people who have the same vocation and avocation," Shively said. "If I weren't on the sidelines, I'd be sitting in the stands."

Shively spent much of his childhood as a fantasy sports hero in his back yard. He played high school football and wrestled as an undergraduate at the University of Illinois, but he thought he would have to leave the sports world for his career. After graduating from the University of Illinois Medical School in 1969, he became a general surgery resident in Charlotte, N.C.

Forging a specialty

Then he got his break. The U.S. Army drafted Shively and sent him to Europe. He was the only doctor at his Army bases in Germany and Belgium who was interested in orthopaedic surgery, so it became his specialty.

In 1975, Shively joined Saint Louis University as a resident in orthopaedic surgery, and he began a sports-medicine fellowship at Oklahoma University in 1979. He joined Washington University the next year as an instructor in orthopaedic surgery, and it wasn't long before he started taking care of his first high school football team, Vianney High School. Naturally, he soon became the team orthopaedist for the Washington University Bears, and more high schools started asking for his help.

As his list of clients expanded, it became impossible for Shively to work alone. Wright and Matthew Matava, M.D., assistant professor of orthopaedic surgery at Washington University, joined the practice, forming the largest sports-medicine network in the area.

Even a team of three orthopaedic surgeons can't take care of a dozen high schools, a university and an NFL team without some assistance. Shively gets help from the many orthopaedic residents with whom he works. The residents often cover the high school games, making it possible for Shively's team to meet a dozen obligations on a Friday night.

Shively and his partners don't earn anything from the high schools, but taking care of the teams helps them build their reputations and attract patients, including many of the high school athletes. "We tell them, 'If you don't already have an orthopaedist, we'd be happy to see you,'" Shively said.

The extra work paid off when the Rams moved to St. Louis in 1995. Professional sports teams usually

A few ultimate warriors will try anything to get into a game, but Shively sticks with his decisions. As a fan, Shively wants to see the best players take the field. As a doctor, he has to protect the players' health. "It's admirable that these guys are so driven that they want to do that, but you can't let them do crazy things," he said.

During the first half of the game, Shively watches every play, ready to run onto the field if a player goes down. At halftime, Shively and Wright attend to the inevitable turned ankles and pulled hamstrings from the first half. In the second half, Shively treats players at a training table while Wright walks the sidelines.

After the game, Shively and Wright spend a couple hours examining X-rays and making diagnoses. That

night, they return home, which often means a long flight.

Add the full day of work on Sunday to checkups before and after practices — not to mention any surgery that's needed — and Shively has committed major time to the team.

"It's not a 9-to-5 job or a five-day-a-week job," he said. "You have to do what you have to do, and you have to do it when it needs to be done."

Medically speaking, being an NFL team orthopaedist isn't more challenging than working for a high school team, Shively said. High school players suffer injuries just as often as the pros, and the injuries can be just as severe — concussions, blown-out knees or worse.

But the NFL provides challenges and pressures that have nothing to do

with medicine. Shively works on a national stage, tending to body parts worth millions of dollars. His work is scrutinized by coaches, agents and fans — not to mention the players themselves. "Their bodies are worth a lot of money to them, and consequently, they're really focused on their bodies," Shively said. "You really have to have their confidence that you're going to do the right thing for them."

'A good rapport with the players'

So far, Shively seems to have earned considerable confidence from the Rams. For one thing, Jermaine Ross' knee is a high-profile advertisement for Shively's skills. But Shively also wins trust through everyday conversations in the locker room.

"He's got a good rapport with the players," Ross said. "He's on our level, and he talks in a way that we can appreciate what he does."

At the same time, Shively has learned to appreciate the players. "I used to think like a lot of people do — that they're all making millions of dollars at a cushy job," he said. "But fans don't realize how hard these guys work. It's a rough job."

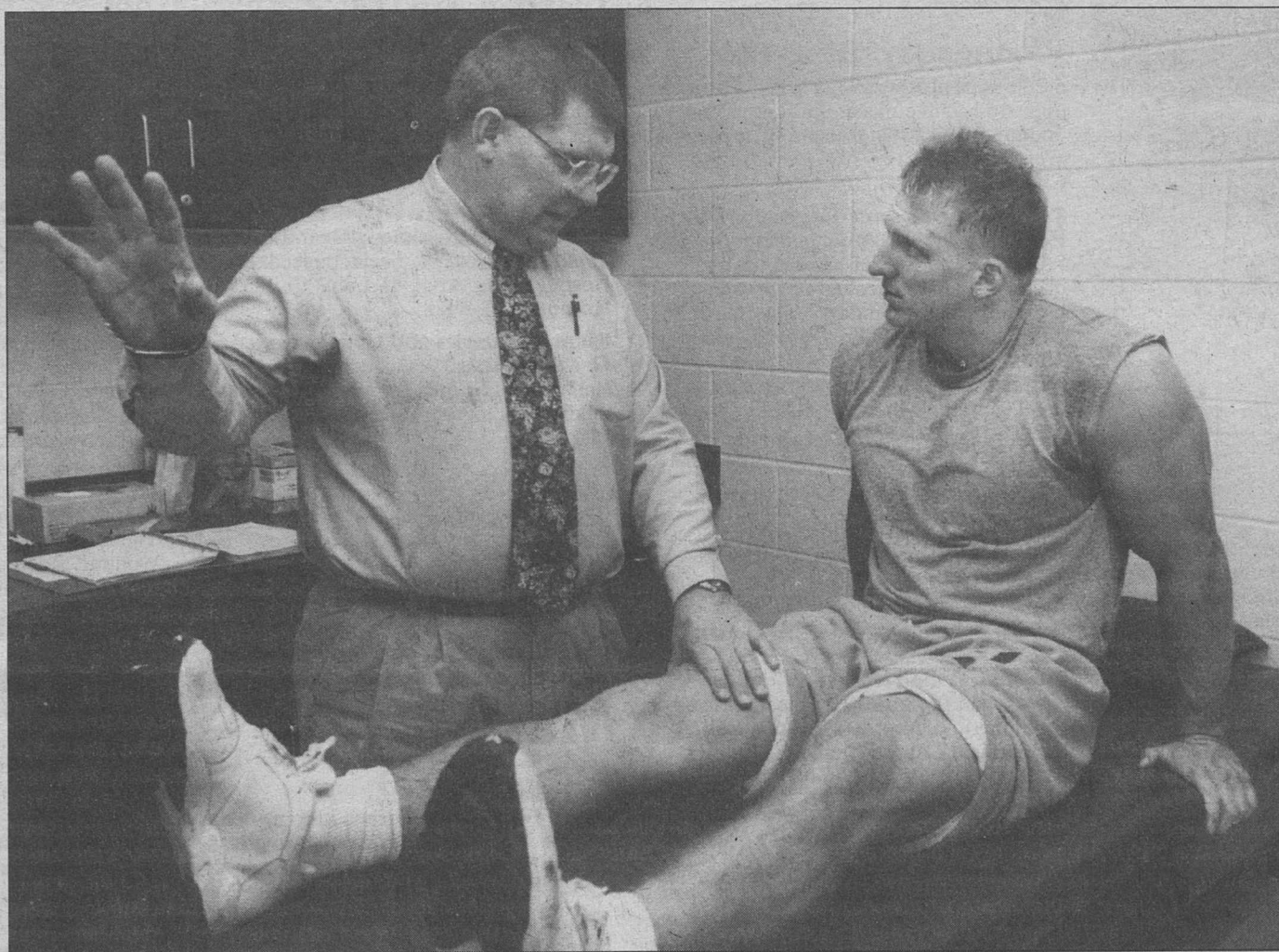
Shively should be considered an authority on rough jobs. The combination of the Rams, the high school teams and his practice leaves him chronically short of free time. He keeps up the pace, perhaps partly motivated by his two children and two stepchildren, all of whom are in college. But, someday, he'll have to give the Rams' knees and shoulders to someone else.

"I'm 53 years old, and this is not a job for a guy who's 65," Shively said. "I anticipate doing this job for maybe six or eight more years and then passing it on."

When he leaves the Rams, he'll definitely miss the sensation of standing on the sidelines and watching his patients score touchdowns and make interceptions. After all, whether you're a quarterback or an orthopaedic surgeon, nothing's better than a win.

"The most gratifying thing is when we play well and win a game," Shively said. "If you win a game, those bumps and bruises don't seem so important."

— Chris Woolston



Robert Shively, M.D., talks with St. Louis Rams linebacker Thomas Homco at the team's Earth City training center. Shively performed orthoscopic surgery on one of Homco's knees.

"I'm one of the lucky people who have the same vocation and avocation. If I weren't on the sidelines, I'd be sitting in the stands."

don't hire university doctors, but Shively was building a reputation that couldn't be ignored.

"(Shively) is regarded as a premier sports-medicine surgeon in the community," said Richard Gelberman, M.D., the Fred C. Reynolds Professor of Orthopaedic Surgery and head of the Department of Orthopaedic Surgery. "He was a natural for their short list, and I think they've been very pleased with their care."

The Rams hired Shively and his partners the day before training camp started in 1995, giving Shively one of the most prestigious jobs in sports medicine. Shively tries to downplay the glamour — he doesn't even have any Rams paraphernalia in his office — but he obviously enjoys being a part of the team.

"There are only 30 of these jobs in the country," he said. "If you do sports medicine, it's the ultimate."

Roaming the sidelines, always on call

The "ultimate" job in sports medicine gets serious about two hours before game time. Shively and Wright check all lingering injuries, and they often have to make last-minute decisions about who's too injured to play.

Calendar

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

Dec. 12-Jan. 18



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 works by second-year master's of fine arts students. Through Dec. 21. St. Louis Design Center, 12th floor, 917 Locust St. 621-6446.



Lectures

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, Moyne Institute of Preventive Medicine, Trinity College, Dublin, Ireland. Room 775 McDonnell Medical Sciences Bldg. 362-1485.

1 p.m. Math talk. "A Proof of the Eisenbud-Evans Conjecture," Kristen Lampe, graduate student in mathematics. Room 199 Cupples I Hall. 935-6726.

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, 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. 362-6945.

Monday, Dec. 16

4 p.m. Immunology seminar. "Regulation of Integrins in Host Defense and Immunity," Eric J. Brown, prof. of medicine and of cell biology and physiology and assoc. prof. of molecular microbiology. Eric P. Newman Education Center. 362-2798.

Tuesday, Dec. 17

4 p.m. Diabetes research seminar. "Potassium and Other Cation Channels in the Regulation of Calcium Oscillations and Insulin Secretion," Louis Philipson, Dept. of Medicine and Endocrinology, U. of Chicago. Pathology Library, Room 3723 West Bldg. 362-7433.

Wednesday, Dec. 18

6:30 a.m. Anesthesiology Grand Rounds. Topic to be announced. Speaker is Vesna Todorovich, instructor in anesthesiology. Wohl Hospital Bldg. Aud., St. Louis Children's Hospital. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "The BJC Women and Infants Program," D. Michael Nelson, prof. of obstetrics and gynecology; F. Sessions Cole, prof. of pediatrics and of cell biology and physiology; and Ted Frey, president and senior executive officer, St. Louis Children's Hospital. Clopton Aud., 4950 Children's Place. 362-3143.

Thursday, Dec. 19

4 p.m. Cancer Center seminar. "Protein Synthesis and Degradation in Cell Cycle Control," Steven Reed, Dept. of Molecular Biology, The Scripps Research Institute, La Jolla, Calif. Third Floor Aud., St. Louis Children's Hospital. 362-9035.

Friday, Dec. 20

9:15 a.m. Pediatric Grand Rounds. "Surfactant Protein-B Deficiency: Insights Into Inherited Disorders of Lung Cell Metabolism," Aaron Hamvas, asst. prof. of pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

Friday, Jan. 3

6 and 8:30 p.m. WU Association Travel Lecture Series. "Peru: The Mysterious Journey," Buddy Hatton, award-winning travelogue producer. Graham Chapel. Cost: \$4.50. 935-5212.

Monday, Jan. 6

4 p.m. Immunology seminar. "Mechanisms of Specificity and Physiologic Relevance of Interferon-gamma Signaling Through the JAK-STAT Pathway," Robert D. Schreiber, Alumni Professor of Pathology and prof. of molecular microbiology. Eric P. Newman Education Center. 362-2798.

Tuesday, Jan. 7

4 p.m. Diabetes research seminar. "Generation of Reactive Aldehydes and AGEs by Phagocytes," Jay Heinecke, assoc. prof. of medicine and asst. prof. of molecular biology and pharmacology. Pathology Library, Room 3723 West Bldg. 362-7433.

Wednesday, Jan. 8

6:30 a.m. Anesthesiology Grand Rounds. Topic and speaker to be announced. Wohl Hospital Bldg. Aud., St. Louis Children's Hospital. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Diagnosis and Management of Pelvic Floor Abnormalities," Ira J. Kodner, prof. of surgery. Clopton Aud., 4950 Children's Place. 362-3143.

Monday, Jan. 13

4 p.m. Immunology seminar. "Close Encounters With the T-cell Receptor," Paul Allen, the Robert L. Kroc Professor of pathology. Eric P. Newman Education Center. 362-2798.

Tuesday, Jan. 14

4 p.m. Diabetes research seminar. "The Role of Nitric Oxide in Skeletal Muscle Blood Flow During Exercise," Robert Hickner, postdoctoral fellow, Division of Applied Physiology. Pathology Library, Room 3723 West Bldg. 362-7433.

Wednesday, Jan. 15

6:30 a.m. Anesthesiology Grand Rounds. Topic and speaker to be announced. Wohl Hospital Bldg. Aud., St. Louis Children's Hospital. 362-6978.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Vancomycin Resistant Enterococci," Linda Mundy, asst. prof. of medicine. Clopton Aud., 4950 Children's Place. 362-3143.



Music

Friday, Dec. 13

8 p.m. WU Opera concert. "From Vienna to Broadway — Operetta to the American Musical," directed by Jolly Stewart, direc-

tor 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. 935-5581.

Sunday, Dec. 15

3 p.m. The Dept. of Music presents a sing-along of the Christmas portion of George Frideric Handel's "Messiah." Directed by John Stewart, director of vocal activities. Followed by wassail and carols. Graham Chapel. Cost: \$5 for the general public; \$3 for WU faculty and staff; and free for all students and Friends of Music members. 935-5581.



Miscellany

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, call Jen Jensen 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.

Tuesday, Dec. 24

4:30 p.m. Catholic Student Center event. All are welcome to Christmas Eve Mass. Graham Chapel. 725-3358.

6 p.m. Hillel Center event. "Serving the Needy on Christmas Eve." Volunteers are invited to set up and serve a holiday meal to the homeless at St. Peter and Paul Church, 1919 S. Seventh St., Soulard. To volunteer, call 772-4258.

Affordability key to health insurance plan — from page 1

Expense Insurance Plan. In the fall of 1995, the premium for this plan was \$205 per eligible student.

Now, however, eligible graduate students in the Graduate School of Arts and Sciences automatically are enrolled in the RLI-Major plan at a cost to an individual student of only \$25 for 1996-97. The reduction in the cost to students was subsidized through a one-year voluntary freeze on stipend increases for graduate students in the Graduate School of Arts and Sciences. Those graduate students in the Graduate School of Arts and Sciences who already carry private health insurance may be exempted from this plan.

"Our students have acted responsibly and taken exemplary leadership on important issues such as health care," said Robert E. Thach, Ph.D., dean of the Graduate School of Arts and Sciences. "The University should be very proud."

Full-time graduate students carrying nine or more credit hours a semester and those fully supported by either Washington University or by federal or foundation grants receive the Base Medical Benefit Plan. Undergraduates carrying 12 or more credit hours a semester also receive this base plan, which is free of charge for both graduate and undergraduate students.

In addition to this base plan, which provides minimal benefits, eligible graduate students in the past had the option of voluntarily enrolling in the RLI-Major plan. The RLI-Major plan historically has provided good coverage for 98 percent of the cases reported. But affording the \$205 premium proved to be a struggle for many graduate students, said Laurie Reitman, M.D., director of the University Health Service.

"Our primary concern was trying to provide universal coverage for our constituencies," said Chuck Munson, a Ph.D. candidate in business administration.

Munson, along with Alison Chasteen, a Ph.D. candidate in psychology, co-chaired the senate's health insurance committee, which will continue its work through the newly formed University-wide Graduate Student Health Advisory Committee.

"For our next step, we will have to determine if the plan is good enough," said Munson, "and if we would be willing to pay more for more benefits. It all remains to be seen."

Issues under discussion include an increase in the period covered and enhancement of outpatient benefits.

Reitman encourages eligible students to subscribe to the RLI-Major plan even if they are covered under their families' insurance benefits. "The major plan can act as a secondary insurance plan to help with deductibles and co-pays," she said. Students also may purchase additional health insurance coverage for their spouses and/or children through the University Health Service.

For more information, contact the Graduate School of Arts and Sciences at (314) 935-6818 or visit the school's World Wide Web site at <http://www.artsci.wustl.edu/AnS/GradSchool/health.shtml>.

Information also may be obtained by contacting the University Health Service at (314) 935-6666 or through its Web site at <http://www.artsci.wustl.edu/~health/>.

International students in the Graduate School of Arts and Sciences should call the International Office at (314) 935-5991.

Campus Watch

The following incidents were reported to the University Police Department from Dec. 2-8. 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.

Dec. 2

3:06 p.m. — Two VCRs were reported stolen from a Performing Arts Department sound room in Mallinckrodt Center.

5:53 p.m. — A pair of rollerblades was reported stolen from an unlocked Eliot Residence Hall room.

Dec. 5

1:05 p.m. — \$30 was reported stolen from an unlocked desk in Steinberg Hall.

Dec. 6

8:15 p.m. — A student reported that a vehicle parked near the Women's Building was damaged.

Dec. 7

2 p.m. — A student reported that a vehicle

parked near the Millbrook Square apartments was damaged.

University Police also responded to five reports of vandalism.

Crime alert

University Police has received numerous reports of thefts from offices in buildings on the east end of the Hilltop Campus — including Rebstock, Eliot, Eads, Lopata, Duncker, Bixby and Urbauer halls. Several offices have been ransacked, and keys often are located and used to access other desks and nearby areas. Items stolen have ranged from laptop computers and VCRs to small personal radios and U.S. currency. The reports occurred between Nov. 18 and Sunday, Dec. 8. University Police reminds members of the campus community to secure valuables and lock all desks and offices when leaving them unattended.

Sports

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

Men's basketball wins ninth Lopata Classic

With a 95-75 victory over Claremont-Mudd-Scripps Colleges (Claremont, Calif.), the Washington University men's basketball team captured its fourth-consecutive Lopata Classic title and ninth crown overall. The Bears advanced to their 11th Lopata final by defeating Wesleyan University (Middletown, Conn.) 85-77 in the first round. Leading the Bears were senior point guard J.J. Siepierski and junior forward Brad Borgman. Siepierski, named the Robert L. Burnes Most Valuable Player, totaled 20 points and had a Lopata-record-tying nine assists in the championship game. He finished the weekend with a tournament-record 16 assists. Borgman registered 35 points in the two outings, including a career-high 19 points against Claremont-Mudd-Scripps.

Current record: 5-2

This week: 7:30 p.m. Saturday, Dec. 14, vs. University of Missouri-St. Louis, WU Field House

Women's hoops 6-0 after road victories

Junior guard Amy Schweizer scored 47 points in a pair of road games as the women's basketball team improved its record to 6-0. Schweizer scored 29 points in a 76-64 victory at Illinois College (Jacksonville), hitting on eight of 14 field goals and 12 of 15 free throws. Senior forward

Sara Scheffler added 12 points, with freshman center Alia Fischer contributing 11. The Bears won the game at the free-throw line, connecting on 25 of 33 free throws. In a 74-47 victory at MacMurray College (Jacksonville, Ill.), Schweizer hit for a game-high 18 points. Schweizer has led the Bears in scoring in three of their six victories, including both weekend wins. Junior center Angie Kohlen also hit for double figures with 11 points to go with seven rebounds.

Current record: 6-0

This week: 5:30 p.m. Saturday, Dec. 14, vs. University of Missouri-St. Louis, WU Field House

Swimmers finish solid at DePauw invitational

Sophomore Ryan Schuenke won two events to help the men's swimming and diving team finish third out of 10 teams at the DePauw University Invitational in Greencastle, Ind. Schuenke topped the field in the 100 backstroke with a season-best 57.35 seconds. Schuenke also won the 200 backstroke in 2:02.75, also a season-best. Freshman Lise Byars posted a pair of season-best performances as the women's swimming and diving team finished fourth out of eight teams at the DePauw University Invitational. Byars finished second in both the 100 (1:13.77) and 200 (2:39.95) breaststroke events.

Current record: men 3-1; women 2-2

Board to oversee clinical operations — from page 2

"The Practice Plan Board is right-sized to conduct its activities efficiently," said William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine. "This board also provides broad representation of the school, with five clinical department heads, three full-time clinical faculty and a basic-science chair. Faculty also are actively engaged in Practice Plan re-engineering teams, which are focused on enhancing the quality and efficiency of our clinical practice in order to ensure that both our patients and their referring physicians are satisfied with our services."

Although a practice plan structured as a totally separate organization from the school might have offered the greatest efficiency in operations, it was not proposed by the Practice Plan Steering Committee.

"While our goal is to make our clinical practice more patient-friendly and competitive in the marketplace, as an academic health center, we also remain committed to teaching and research," said Joan M. Podleski, assistant dean for clinical operations and a member of the Practice Plan Steering Committee. "That's why we chose to create an internal practice plan organization. Although the practice plan might be more efficient without ties to academia, that's not what we're about. We want this Practice Plan to support the school's tripartite mission of patient care, teaching and research. And we want to reward faculty for academic excellence in all of these areas, including clinical practice."

To accomplish Practice Plan goals, the board has been given several powers in the areas of clinical oversight, administration, fiscal management and clinical planning, Peck said.

"The Practice Plan Board has been empowered to oversee the delivery of the highest-quality, cost-competitive,

customer-friendly clinical practice and services that are absolutely necessary for the future success of the School of Medicine," Peck said.

Funding for the Practice Plan's work will come from an annually approved operating budget and a reserve fund for clinical development as established by the clinical chiefs. Clinical revenue will continue to flow directly to the departments. The clinical chiefs, acting through the Clinical Affairs Committee, will be

responsible for determining the allocation of operating funds and reserve funds for use by the Practice Plan Board.

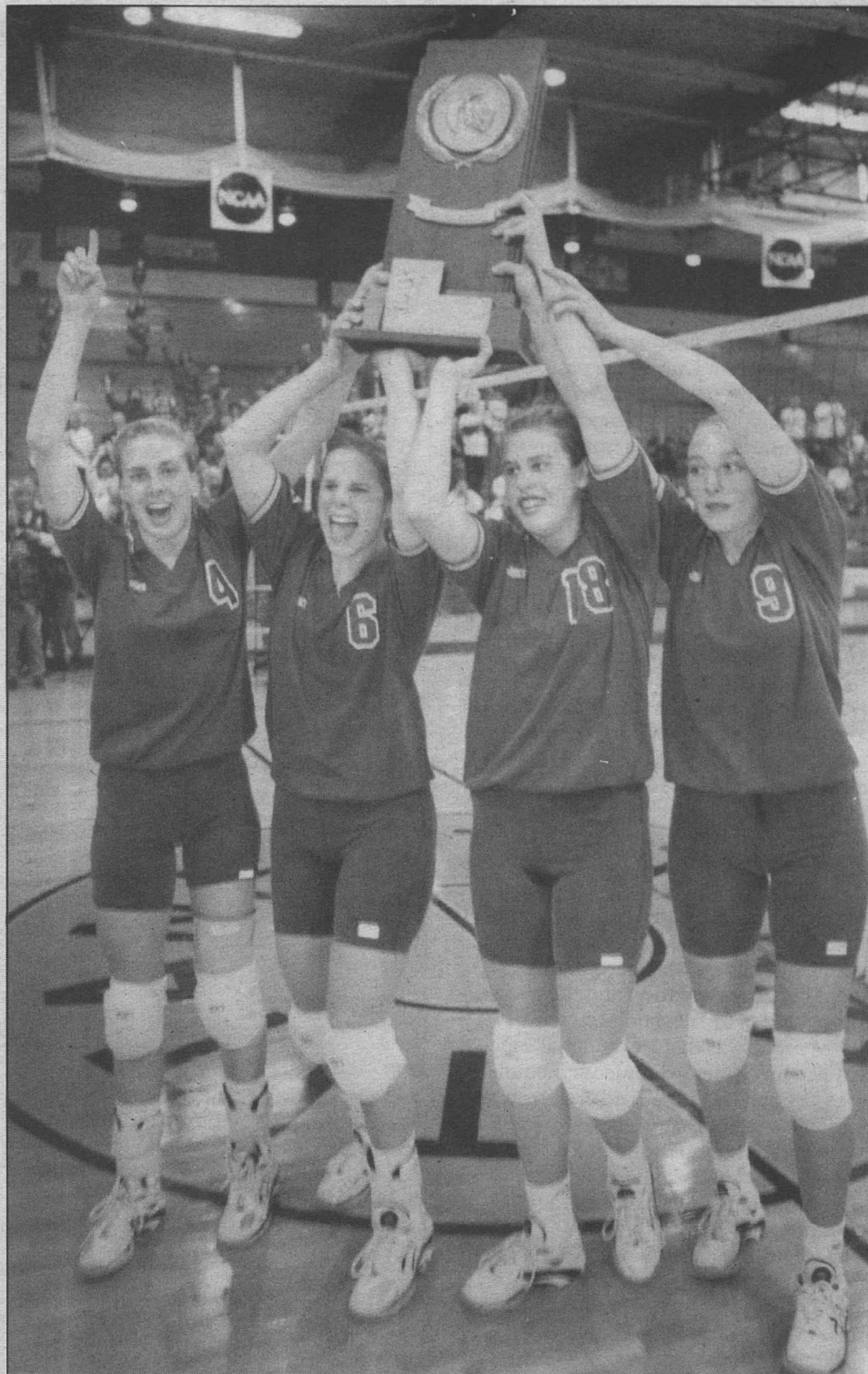
The Practice Plan Board will be responsible for developing a budget for

aggregate departmental clinical practice and Practice Plan central support services. Departments will continue to develop their own budgets related to departmental expenses. The Practice Plan's aggregate budget will provide common market assumptions for use by all departments in budgeting.

"The aggregate clinical budget developed by the Practice Plan Board will assist departments at the front end in their budgeting processes by building common clinical market assumptions," said James P. Crane, M.D., associate vice chancellor and associate dean for clinical affairs. "All of our departments respond to the same marketplace. Providing an aggregate budget offers the departments a rational approach to address marketplace changes within their individual budgets."

Additional information about the structure and work of the Practice Plan will be covered in future issues of the Record. This article and others in this series will be available on the World Wide Web at <http://wupa.wustl.edu/record/record.html>.

For a complete description of the Practice Plan's governance structure and powers, call Podleski at (314) 362-1062.



Senior volleyball players, from left, Nikki Holton, Stephanie Habif, Emmy Sjogren and Chris Roettger celebrate the team's sixth-consecutive NCAA Division III national title on Saturday, Dec. 7, at the University of Wisconsin-Oshkosh.

Volleyball team makes it six in a row — from page 1

The Bears have won 28-consecutive postseason matches and hold the NCAA record for tournament winning percentage, thanks to a 37-3 (.925) all-time postseason record. WU also owns the Division III record for most national titles.

"Being a senior, this championship is the best, and it will mean the most because it is my last," Sjogren said. "We have passed the torch onto the next class, and we expect them to be here again next year. It is a tradition, and someone will step up to fill the roles."

Sjogren, Habif and outside hitters Nikki Holton and Chris Roettger became the third-consecutive WU senior class to leave the program with its full complement of NCAA titles.

Sjogren carried the Bears in many big matches this season, while Habif leaves as the school's career assist leader (4,995). Holton turned in a quiet MVP-type performance with 17 digs in the finale. Her three service aces to open the first game of the championship match got the Bears started. They never stopped.

"This year had amazing senior leadership, and I will always treasure those friendships," sophomore Martz said of the senior class, which accumulated a four-year record of 166-13. "Every championship is for the seniors, and it gives us the fuel and motivation to do it again for the next class."

The Bears (38-6) handed the Eagles their only loss of the season in 44 matches. The Bears carry a 45-match win streak against Division III opposition into next season — thanks, in part, to .075 hitting by three-time Division III runners-up Juniata.

"They played a great match, we played a lousy one, and the result was predictable," Juniata head coach Larry Bock said after again being denied his first NCAA title in the Eagles' 12th final four appearance. "Washington U. is a great ball-control team, and they beat us up."

The Bears expressed a desire to face

Juniata for the title and renew a rivalry that is one of the best in Division III volleyball. This season, fuel was added to the fire when the NCAA Committee seeded the Bears second for the tournament behind Juniata.

WU held the No. 1 ranking all season in the American Volleyball Coaches Association (AVCA) poll — with Juniata staying No. 2 — despite four mid-season WU losses (six total against NAIA competition).

The Eagles struggled in the finale after playing a five-game match Friday, Dec. 6, in the semifinals against the tournament host, the University of Wisconsin-Oshkosh.

"We wanted the challenge of playing the better teams this year, and we rose to it," said Cafazza, who hit .319 in the final two matches. "We set goals day by day, and it got us here."

In the semifinals, WU defeated St. Olaf College (Northfield, Minn.) for the second time this season — 9-15, 15-8, 18-16, 15-5. Sjogren led the way with 19 kills, followed by Martz (16) and Cafazza (12).

With the match tied 1-1, St. Olaf took a 12-3 lead in the third game. The Bears clawed their way back to tie the game 14-14 before turning the tide of the match by winning 18-16.

"I cannot define how pivotal that game was. Obviously, it was the difference in the match," Clemens said. "Even if we had lost the game, I still felt comfortable because we had momentum on our side."

WU brings home its seventh national title in 10 tournament appearances. Martz and Cafazza headline a talented cast of returnees for 1997.

"We expect to be there, but we never take it for granted," said Martz, who, along with Sjogren and Habif, earned AVCA first-team All-American kudos. "We will look to the future in the spring. Right now, we want to cherish what we have."

— Kevin Bergquist

Furniture designers send unique messages in chairs

Of the 11 uniquely designed and individually crafted chairs on display at the School of Architecture, some send messages, others make statements, and still others offer invitations.

But all have stories behind them.

For the creators — students enrolled in lecturer Lindsey Stouffer's furniture-design class — a chair never again will be just a place to sit. During the past semester, the students have been studying designs, trying out different models, making sketches and constructing mockups en route to their final chair creations, which are on display through mid-January on the first floor of Givens Hall.

Stouffer, who supervises the architecture school's workshop, said she selected chairs as the class focus because they are "an excellent mirror of structure, ergonomics and aesthetics."

"The chair is one of the most interactive types of furniture since it must support weight and respond to the human body," Stouffer said. "I also enjoy working with chairs because of the variety of possibilities for expressing their form."

Because of time constraints, each student concentrated on the development of one individualized design. Perhaps due to this single focus and to devoting numerous hours to producing a chair, each architect speaks with a certain intimacy about his or her creation and the evolution from concept to finished product.

"My idea was that I would make a chair that had an implied volume with boundaries defined by lines," said architecture graduate student Dan Menitoff. "The form came out of the exploration of volume."

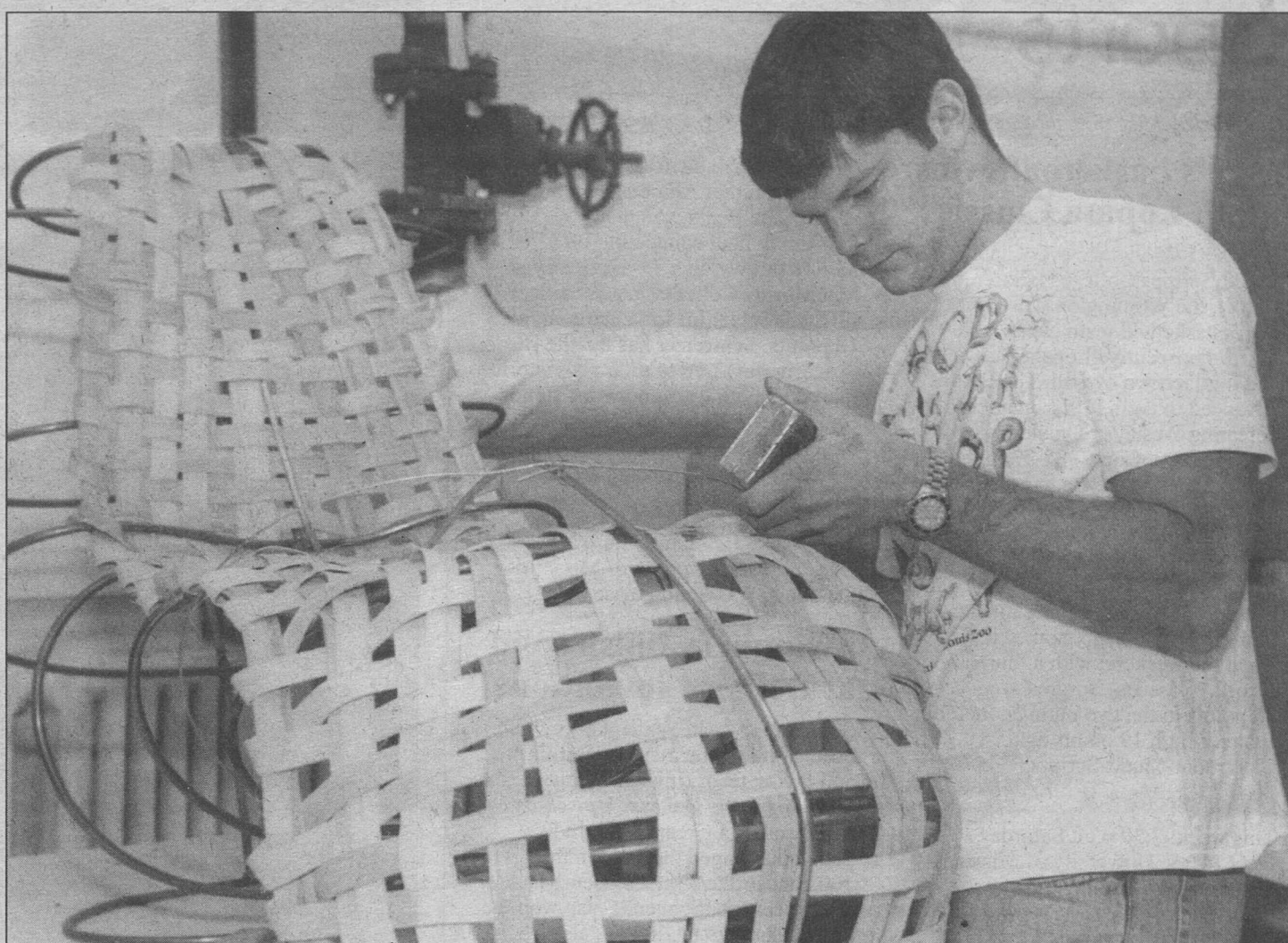
Carefully spaced, interconnected ovals of steel tubing are stacked and angled in an undulating pattern to form the basis for Menitoff's chair. Woven through with caning, the sculptural creation takes on a shape of its own and offers a striking yet hand-crafted appearance.

"I could make it 50 times, and each time I'd have a different chair," he said.

For architecture senior Ben Tranel, the bent expanded steel mesh and simple steel supports that make up his chair not only reflect his starting point of "a line with a plane to sit on," but also are the end result of a series of questions about "what is needed in a place to sit down."

Ultimately, his chair offers a paradox. The mesh armrests and solid shape define a sturdy resting place with a clear inner space, but the mesh seems to almost perch upon its supports. Despite its purely metal makeup, the chair also succeeds in offering a place to relax, almost reminiscent of a La-Z-Boy.

"I wanted something that was comfortable, had a graphic presence and would teach something," Tranel said. "I wanted people to think about what a chair could be in a different way."



Dan Menitoff, a graduate student in the School of Architecture, works on the chair he designed and crafted.

Recreation, portability and elegance are the driving forces behind architecture senior Justin Chen's folding chair.

"I wanted something that if you were going to the beach or park, it would not take up too much space in the trunk of your car," said Chen, who chose a sleek wooden frame design with a canvas seat for his basic chair elements. He added features such as a built-in handle for portability and different angled settings for reclining.

The historic design of an 18th-century planter's chair made from solid 20th-century steel posts, swaying canvas and design elements from glass casting converge in Lisa Allen's chair.

"I wanted to show the fragility of the cloth next to a sturdy structure and have the chair interact with the setting. You can't just put it in the middle of a room somewhere," said Allen, a graduate student majoring in sculpture, adding that the glass circles woven along the outer edges of the fabric are meant to reflect light from a window.

The bed-like structure, complete with pillows and a footrest for supporting a weary head and calves, invites relaxation. "It's definitely a chair you sit in and stay in for a while," Allen said.

Stouffer, who has been teaching the design class for two years, having initially offered it as an independent study, said that, up until this week's final review, the chairs were decidedly works-in-progress. In the initial design phases, stability and scale are often the two greatest pitfalls, she added.

"Stability is always a risk. The students naturally want to take chances with their designs, yet they rarely come into the course having any experience building furniture," Stouffer said. "Some of them also have never worked with the materials for which they are designing."

Full-scale mockups created midway through the semester provided the first opportunity for the students to work with those materials and appropriate techniques. The mockups also offered invaluable insights, allowing the designers to evaluate their chair concepts in three-dimensional form as well as to have the chairs' comfort and stability tested.

This year, the class had the added benefit of a newly designed and expanded workshop. In the basement of Givens Hall, the workshop is about three times larger than the previous one and now includes dust- and fume-evacuation facilities.

After contractors reworked the space,

Stouffer and a small group of students this summer undertook the challenge of transforming the area into a viable workshop. This included building new storage cabinets, modifying and refinishing existing cabinets, and creating workstations by welding pieces of old drafting tables to steel cross pieces.

In addition to their workshop experience, the students in the furniture-design class conducted research and visited local designers and materials vendors, who provided professional knowledge about their craft. Todd Lannom of the Mossa Center Inc. in St. Louis and Italian architect Paolo Rizzatto, this fall's Ruth and Norman Moore Visiting Chair, also critiqued the students' works.

Experience gained from building his full-scale prototype, combined with suggestions from Stouffer, Lannom and Rizzatto, spurred Menitoff to undertake a variety of revisions. He discovered, for instance, that the chaise longue-shaped chair wobbled and was an odd length.

As for the chairs' futures, many of the students said they plan to keep them.

"Even if someone wanted to buy it, I would not sell it," Chen said. "I have spent one whole semester with it."

— Ann Nicholson

Arts and Sciences Ph.D. candidates 'more comfortable' about job market — from page 1

provides information on hundreds of local, national and international job opportunities, career-development resources, external grants and fellowships, travel awards and other graduate student networks.

• Enhancing graduate instruction in the art of teaching. Among the initiatives are creating a teaching assistant (TA) handbook with tricks of the trade and encouraging students to use the Teaching Center for videotaped sessions and critiques of their classroom performance. Continued emphasis is placed on requiring graduate programs to offer courses in pedagogy to new TAs and offering substantial Dean's Awards to outstanding TAs.

• And, this past fall, adding health insurance coverage at minimal cost for all eligible Arts and Sciences graduate students. (See story on page 1.)

Beginning with the fall 1994 class, Thach said that Washington University was one of the first universities to reduce the number of incoming Ph.D. candidates without eliminating entire programs, with cuts in numbers of 20 percent to 30 percent relative to 1992, a peak year. "We're also the only university to go to six years of support with a combination of fellowships and teaching and research assistantships," he added.

The results have been impressive.

Substantial improvements in the quality of incoming classes were seen immediately, Thach said. One early indicator was an improvement in the selectivity in the admissions process — the percentage of applicants who are offered admission. Another gauge has been the undergraduate academic records of entering classes, which are showing 8 to 10 percentage point increases in Graduate Record Examination scores in most programs. For example, doctoral students who enrolled in the humanities this fall averaged in the 87th percentile, compared with the 79th percentile three years ago.

One of the more dramatic results has been the substantial reduction in the time it takes doctoral candidates to complete their degrees. With the added years of stipend support, students aren't pressed to take part-time jobs and therefore are getting through their programs faster. As Conklin said: "The support is there to move quickly and effectively through the program. You're given one focus: to read, write and learn."

Based on statistics published by the National Research Council in 1995, Thach believes that Washington University's time-to-degree performance may be the best in the nation. "This improvement is across the board, from the

biological and physical sciences to the humanities and social sciences," he said. The most notable statistics come from the humanities and social sciences programs. The time-to-degree in the humanities is now 7.4 years, compared with 9.8 years in the period from 1988 to 1992; in the social sciences, the time-to-degree is now 6.0 years, compared with 8.0 years then.

By providing Ph.D. students with the maximum support to complete their degrees in a timely period, Thach said, the graduate school is giving them a "head start" in the competition for good jobs. And it is paying off.

Washington University doctoral recipients continue to show success in finding full-time jobs directly related to their disciplines. Of the 1994-95 graduates, 93 percent had found full-time employment by August 1995; of the 1995-96 graduates, 94 percent by this past August.

And despite a difficult academic job market, Washington University graduates are above the 40 percent national average in job placements in academe. To illustrate, in the last two years, an average of 48 percent of Ph.D. recipients in the humanities here found tenure-track positions immediately after graduation.

Kathleen M. Hickman, a fourth-year doctoral student in chemistry in Arts and

Sciences and president of the Graduate Student Senate, praises the graduate school for being proactive as well as reactive. When interacting with the senate, she said, the graduate school administrators, faculty and staff listen and respond to any problems or concerns of the graduate students. "They have a very focused mission of helping students," she said.

Students appear satisfied with the new plan — the attrition rate after the first year in the graduate school has dropped 30 percent. "Students are more comfortable about their chances for completion and about the job market," Thach said.

Thach's plan also has caught the attention of graduate school deans at other universities and leaders in higher education. Jules LaPidus, president of the Washington, D.C.-based Council of Graduate Schools, noted the plan in a paper he wrote as an example of what other universities can do to improve doctoral education. "Clearly, Washington University has taken a leadership role in providing first-rate doctoral education," LaPidus said. "In a time of great concern about both the number of Ph.D.s being produced and the quality of their education, these factors are viewed as being of great importance at Washington University."

— Susan Killenberg

Marc Saperstein wins book award

Marc E. Saperstein, Ph.D., the Gloria M. Goldstein Professor of Jewish History and Thought in Arts and Sciences, was honored recently with a National Jewish Book Award for his monograph exploring the use of centuries-old Jewish sermons to enhance contemporary understanding of Jewish history, spirituality and thought.

Saperstein has been director of the Program in Jewish and Near Eastern Studies in Arts and Sciences since 1989. He joined the history faculty in 1986. Previously, he served for nine years at Harvard University, holding the first regular position in Jewish studies at the Harvard Divinity School.

The book, "Your Voice Like a Ram's Horn: Themes and Text in Traditional Jewish Preaching," claimed the top honor in the area of Jewish scholarship, one of 12 categories for which prizes are awarded annually by the Jewish Book Council. The organization held its 1996 book awards ceremony Dec. 3 at Hebrew Union College in New York City.

Saperstein's book, published by Hebrew Union College Press this year, is described as "an indispensable resource for understanding Jewish history, spirituality and thought from the High Middle Ages to the beginning of the Emancipation in Europe." It presents 18 studies of Jewish sermons from the 13th through the 18th centuries, including thematic studies of important occasions for traditional rabbinic preaching and critical essays on such issues as the historical interaction of Christians and Jews.

The National Jewish Book Awards have been presented by the Jewish Book Council for the past 46 years. They are presented to North American or Israeli authors to honor excellence, either for a book or for a lifetime of achievement. One of the oldest awards programs in the field of Jewish literature, the awards are designed to heighten awareness of books that have appeal to a wide audience.

Hexter founded Center for the History of Freedom — from page 1

the Yale Center for Parliamentary History and its important publication program. He retired from Yale in 1978 and returned to Washington University as a Distinguished Historian in Residence and subsequently became the John M. Olin Professor of the History of Freedom. He retired in 1990 at age 80.

When Hexter returned to Washington University from Yale, a Yale colleague — historian Edmund Morgan — wrote:

*Oh some speak very softly, and
some are most polite,
And some will make concessions,
and admit you may be right,
But I'm for disputation, and a
good old fashioned fight,
Says that rough, tough wreckster,
J.H. Hexter*

Friends and colleagues who recalled Hexter this week said the description in this quote sums up the Jack Hexter many knew and loved.

"Jack Hexter was an extraordinary person with whom I became acquainted shortly after my appointment as chancellor," said Mark S. Wrighton, who has been Washington University's chancellor since 1995. "Jack's intellectual and organizational leadership was an important hallmark of his tenure, both at Washington University and at Yale University, and continued even after his designation as an emeritus professor here."

William H. Danforth, chairman of the Washington University Board of Trustees and former longtime chancellor, said, "Hexter was one of the great people associated with Washington University and had a very beneficial effect on the institution."

Despite a medical history that included two strokes, two coronary occlusions and three bouts with pneumonia, Hexter remained intellectually vigorous and active well into his later years.

In 1986, at the age of 76, Hexter founded and became director of Washington University's Center for the History of Freedom, where he soon launched a 25-year project to create the world's first comprehensive study of the

development of modern freedom. The first volume of "The Making of Modern Freedom" series was published in 1992.

"His greatest contribution was to see well before anyone else saw it — in the early 1980s — the great importance the desire for freedom was to have in the history of the world in ensuing years," said Richard W. Davis, Ph.D., current director of the Center for the History of Freedom and professor of history. "Long before it became apparent to the rest of the world, in 1989 Hexter realized how much people yearned for freedom and how hard they would struggle to achieve it."

Hexter spent much of the 1990s

lobbying for the creation of a federal program to encourage ex-soldiers to become teachers. He presented this idea in a paper to the American Philosophical Society, wrote opinion pieces for the St. Louis Post-Dispatch, and lobbied Congress for the passage of legislation he helped shape. His efforts were rewarded in 1994 when Congress appropriated \$65 million for the "Troops to Teachers" program.

Hexter earned a bachelor's degree from the University of Cincinnati in 1931. He went on to Harvard University, where he earned a master's degree in 1933 and a doctoral degree in 1937. He holds honorary degrees from the University of East Anglia in Britain and from Brown, Washington, Portland and Cincinnati universities in the United States.

He began his scholarly career with an important book, "The Reign of King Pym," published by Harvard University Press in 1941 and still in print. His work on Thomas More and Machiavelli are represented in "The Vision of Politics on the Eve of The Reformation," pub-

lished in 1973. Equally, however, Hexter is known as a brilliant and witty critic, as demonstrated in "Reappraisals in History" (1961) and "On Historians" (1979). His academic career was filled with numerous prestigious scholarly appointments, including four Guggenheim Fellowships and two Fulbright Fellowships.

He served on the editorial boards of several important academic journals of British history and was president of the Conference of British Studies from 1973-75. He served as the Sir John Neale Lecturer in London in 1975 and as the Camp Lecturer at Stanford Uni-

versity in 1977. He was a longtime member of the Royal Historical Society, the American Academy of Arts and Sciences, and the American Philosophical Society.

He is survived by his wife of 54 years, Ruth Mullin Hexter of St. Louis; two sons, Christopher Hexter of St. Louis

and Richard Hexter of Shreveport, La.; two daughters, Anne Green and Eleanor Stevens, both of Silver Spring, Md.; and 14 grandchildren.

Visitation is scheduled from 3 to 7 p.m. Tuesday, Dec. 10, at Lupton Chapel, 7233 Delmar Blvd. Funeral services will be at 1 p.m. Wednesday, Dec. 11, at the Central Reform Congregation/First Unitarian Church, 5007 Waterman Ave. Interment will follow at Bellefontaine Cemetery, 4947 W. Florissant Ave.

A memorial service focusing on Hexter's career and scholarship will be held in the next month or so at Washington University; details will be available soon from the Center for the History of Freedom at (314) 935-4593. Memorial contributions may be made to the Barnes/Jewish Hospice Memorial Fund, Suite 220, 9890 Clayton Ave., St. Louis, MO, 63124.

"Hexter was one of the great people associated with Washington University and had a very beneficial effect on the institution."

— William H. Danforth

Kemper Faculty Grants for innovative classes extended

Bolstering and extending its pledge to encourage innovative work on new courses and programs for undergraduates, the William T. Kemper Foundation-Commerce Bank Trustee has renewed its Kemper Faculty Grants to Improve Learning at Washington University. The Kemper program has been extended for the next five years with a \$200,000 gift.

Established in 1991 with a five-year \$150,000 bequest, the Kemper program also is designed to enhance existing courses and support those that are taken largely by students whose primary interests lie outside the departments in which the courses are taught. The 1996-97 faculty grants, administered by the University's Teaching Center, will support four new classes.

"We are grateful to the Kemper Foundation for its support of our faculty's innovative efforts to expand the curriculum," Chancellor Mark S. Wrighton said. "The new courses and programs that are developed as the result of the generosity of the foundation will be available to our undergraduates and will enrich their educational experience here."

The 1996-97 faculty recipients are:

- Nancy E. Berg, Ph.D., assistant professor of Hebrew and of comparative literature in Arts and Sciences;
- Henry W. Berger, Ph.D., associate professor of history and of Jewish and Near Eastern studies in Arts and Sciences;
- Jean Ensminger, Ph.D., associate professor of anthropology in Arts and Sciences;
- J. Claude Evans, Ph.D., associate professor of philosophy in Arts and Sciences;
- John Vincent C. Nye, Ph.D., associate professor of economics and of history in Arts and Sciences; and
- Marc E. Saperstein, Ph.D., the Gloria M. Goldstein Professor of Jewish History and Thought and director of the



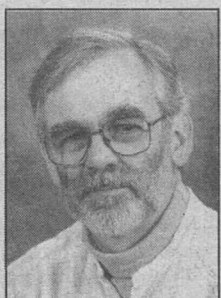
Nancy E. Berg



Henry W. Berger



Jean Ensminger



J. Claude Evans



John Vincent C. Nye



Marc E. Saperstein

Program in Jewish and Near Eastern Studies.

Ensminger and Nye will teach "Economic Development: An Interdisciplinary Approach" during the 1997-98 academic year. The course will combine material from economic development, economic history, political science and anthropology. Until recently, much of the latest material on the economics of development and growth could be learned only in standard economics classes — courses that have numerous prerequisites and require technical and mathematical knowledge that many undergraduates do not possess. Yet the material that has been developed in economics and economic history during the last quarter-century is critical for a proper understanding of developmental problems today. The most important aspects of this material will be taught in a sound and jargon-free course targeted toward non-economics majors.

Berg and Saperstein have been teaching "Exile: Jews, Literature and History" during the fall 1996 semester. The course examines exile as concept and reality in Jewish literature and history, analyzing how experience and interpretation of exile have shaped the religion and politics of the Jewish community and the identity of individual Jews. Using the theme of exile allows for the probing of aspects of specific historical contexts by exposing students to the major genres of Jewish

literature. The thematic orientation provides unity to the material, enabling students to explore both continuities and discontinuities over time. Students gain significant insights into one of the very few continuous traditions in human civilization that extend for more than 3,000 years. Close interpretations of literary and historical texts strengthen their ability to read critically and analytically. The course also demonstrates the advantages of an interdisciplinary approach, showing how literary analysis illuminates the historical significance of a work and how historical context heightens the understanding of literary texts.

Berger will teach "Ideas, Myths and Realities in American History" during the 1997-98 academic year. The course will engage students in an exploration of particular ideas and ideological traditions that have shaped the making of American history, their relation to and influence on developments and events in the national past, and the myths and realities associated with those ideas and traditions and their consequences. Topics will include visions about America held by European colonists and Native Americans; ideas about race, freedom and equality; frontier expansionist ideology; beliefs about the roles of technology, corporate capitalism, the nation-state and war in the transformation of America's political economy and culture; and the ways in which

Americans have defined and conducted their relations with other peoples and societies.

This fall, Evans has been teaching "Introduction to Environmental Ethics," which is both a survey of the ethical issues that arise in the context of concern for the environment and an introduction to moral philosophy. The course began with a systematic introduction to meta-ethical considerations: conceptual analysis; methods for answering moral questions; ideal moral judgments; etc. This was followed by an introduction to normative ethics: consequential theories and utilitarianism; nonconsequentialist theories; the distinction between legal and moral rights; justice, moral atomism and holism; anthropocentrism vs. biocentrism; and instrumental vs. intrinsic value. This theoretical introduction has been followed by readings that both study and apply the theoretical perspectives.

A luncheon honoring the six grant recipients will be held at noon Monday, Dec. 16, in Brown Hall Lounge.

Applications for the 1997-98 Kemper grants are welcome, with a March deadline looming on the horizon, said program coordinator Robert McDowell, Ph.D., professor of mathematics in Arts and Sciences. Faculty who plan to apply for the grants should call the Teaching Center at (314) 935-5299.

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.

Administrative Assistant 970073. *Board of Trustees/Women's Society.* Requirements: high school graduate with some college preferred; excellent organizational and verbal skills; efficiency in word processing and data processing; highly computer skilled; ability to be creative in using computer to increase office efficiency; ability to coordinate numerous details to prepare for an event; willingness to work outside office hours setting up meetings/events; skills in writing and proofing minutes and reports; appreciates need for accuracy, even in routine things; willingness to be of assistance in a variety of tasks; pleasantness with fellow workers and external constituencies; five years secretarial experience. Application required.

Genetics Research Technician 970118. *Department of Biology.* Requirements: bachelor's degree; experience using calculators and computers. Application required.

Assistant Accountant 970127. *Engineering Accounting.* Requirements: high school graduate with some college preferred; at least four courses in accounting; bachelor's degree in accounting preferred; two years experience in accounting; familiarity with the University's accounting system. Application required.

Public Service Coordinator 970141. *Arts and Sciences.*

Requirements: high school graduate with some college preferred; ability to respond to young people with warmth, courtesy and efficiency; ability to handle multiple responsibilities and tasks; willingness to work cooperatively; ability to take initiative, work independently and arrange and manage work flow; ability to become acquainted with college and University procedures and services; knowledge of word processing programs; willingness to learn database. Application required.

Director, Operational Support 970142. *Arts and Sciences.* Requirements: bachelor's degree; 10-plus years experience in operational areas, with five to seven years supervisory experience; ability to relate to different constituencies; team player; budgeting experience; "hands-on" manager who has a broad perspective and can be strategic in thinking; sensitivity to University culture; understanding of interdepartmental relationships; analytical; well-organized; effective in both oral and written communication; strong management and leadership skills; creativity; innovative; ability to handle multiple priorities. Application required.

Research Accounting Analyst 970143. *Accounting Services.* Requirements: bachelor's degree in accounting or finance; strong analytical skills; ability to interpret, apply and communicate complex policies and procedures to a wide variety of internal customers; cost-accounting experience; knowledge of federal procurement regulations; relational database experience; experience drafting administrative procedures and policy statements; high degree of flexibility; ability to handle multiple concurrent priorities often and under somewhat stressful times; strong writing ability; intermediate PC skills; four or more years progressive experience in a regulatory compliant

environment. Application required.

Secretary/Administrative Assistant SPA, ICR and TAX 970144. *Accounting Services.* Requirements: business or vocational school graduate with training in areas relevant to duties and/or three or more years secretarial experience in a large office environment; ability to deal effectively with a large and diverse customer base; ability to recommend specific improvements to areas worked in; ability to maintain confidential information; accuracy; excellent written and verbal communication skills; high clerical and mathematical aptitude; excellent interpersonal skills; service-oriented communicator who is accessible and a team player; proficiency in use of office equipment, including PCs with word processing. Application required.

Administrative Assistant 970147. *General Counsel.* Requirements: some college and legal training; proficiency in Windows '95, Word 7.0, Excel 7.0, Access 7.0, Microsoft Exchange and Scheduler+; self-motivated; ability to perform duties with minimal supervision; multi-task oriented; three years executive/legal secretarial experience; five years executive/legal secretarial experience preferred; university background is a plus. Application required.

Financial Operations Supervisor 970149. *Housing/Residential Life.* Requirements: bachelor's degree with a major in accounting; three to four years accounting experience; two years supervisory experience; certified public accountant and/or master's of business administration preferred; experience with Focus preferred; excellent written and verbal communication skills; self-motivated and driven by challenge; ability to meet deadlines with varying degrees of

pressure; knowledge of internal controls and various accounting system applications; ability to research and report on accounting and other technical issues; ability to streamline/automate transaction processing and recording; ability to handle confidential information responsibly. 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>.

Medical Research Technician 960187-R. *Pharmacology.* Requirements: energetic; organizational skills; experience with basic instrumentation and scientific math calculations; experience working with mice and surgery highly preferred. Responsibilities include breeding and maintaining lab mice; making transgenic and knockout mice; organizing and maintaining records of mouse strains; working with radioisotopes to make DNA probes; and performing other basic laboratory duties as assigned.

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 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 hardware 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.

Administrative Coordinator 970386-R. *Transportation.* Requirements: marketing experi-

ence; effective communication skills and high degree of diplomacy; accounting and budget reconciliation beneficial. Responsibilities include managing Medical Center's ride-share program; promoting and marketing the program to include commuter alternatives, the ride-home program, transit pass sales, and van/carpool incentives.

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.

Response Officer 970445-R. *Protective Services.* Requirements: associate's degree; two years experience; police reserve training, military or institutional experience beneficial. Schedule: full-time, evening/night rotation.

Coder II 970459-R. *Internal Medicine.* Requirements: accredited records technician and/or current Missouri registered nurse licensure; 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.

Clerk Typist 970469-R. *Radiology.* Requirements: typing 40-45 wpm. Schedule: part-time, up to 20 hours a week, flexible hours.

Trustees hear reports on MetroLink expansion, Advisory Council for Asia

At its meeting Friday, Dec. 6, the Washington University Board of Trustees heard a report on the expansion of MetroLink, as well as information on future developments at the Medical Center and a review of the International Advisory Council for Asia meeting held in Taipei, Taiwan, in late October.

Executive Vice Chancellor Richard Roloff presented an overview of the University's commitment to a MetroLink line that would run from the Forest Park station westward alongside the northern boundary of the Hilltop Campus, into University City along Forest Park Parkway, and then into Clayton. Roloff noted that the University would provide a right of way along the campus portion of the route, as long as certain conditions are met — such as a below-grade system, avoidance of any interference with campus life and learning, allowing a walk-on station or stations only, and an opportunity to beautify the Hilltop's northern boundary.

William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, briefed the trustees on the previously announced plans by BJC Health System and the University to reconfigure the Medical Center area, including Barnes-Jewish and St. Louis Children's hospitals and related health-care institutions located at the center. Peck noted that the addition of an expanded ambulatory-care presence greatly will improve the services available to those being served by the clinical and hospital systems at the center.

Chancellor Mark S. Wrighton, Board of Trustees Chairman William H. Danforth and Vice Chairman John F. McDonnell gave a review of the first meeting of the International Advisory

Council for Asia. The meeting took place Oct. 29-31 in Taipei. They reviewed the activities and purposes of the event, which was attended by all eight school deans and several trustees and faculty members.

They noted that the Advisory Council, which reports to the Board of Trustees, will assist the University as it prepares long-range plans to strengthen the University's international programs and activities and to advise and consult on the recruitment of international students, placement and internships, exchange programs, scholarships, and other programs. They also noted that this advisory body will be helpful in securing international speakers for campus programs, creating a network of alumni, parents and friends for the University that spans many countries, and helping the University increase international recognition and visibility as one of the world's leading research and teaching institutions.

The council's 28 members include leaders in industry, the professions and academe from China, Taiwan, Hong Kong, India, Indonesia, Japan, the Philippines, Singapore, South Korea, Thailand and the United States. The chair of the council is University Trustee Shi Hui Huang, M.D., chairman of Chinfon Group, which has businesses throughout Asia.

Wrighton noted that he has appointed a Universitywide committee to focus on international relationships. The committee is chaired by Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences.

The trustees elected James V. O'Donnell to membership as a trustee. O'Donnell is the president of Bush-O'Donnell and Co. of St. Louis. He is a 1974 University graduate from the John

M. Olin School of Business, earning both bachelor's and master's degrees in business administration that same year. Bush-O'Donnell and Co. is a management and investment counseling firm providing service-oriented funds management.

In the chancellor's report to the trustees, he related a number of positive outcomes, including a continuing increase in applications for admission for undergraduates, as well as strong increases to date in minority student applications. He noted that the University has increased applications for undergraduate admission by 45 percent over the past two years and that the current picture stands at 15 percent ahead of this time last year, although it is too early to draw conclusions.

Wrighton also noted that he has embarked upon a number of efforts to communicate with community leaders in business and local government and that he recently hosted Jian Song, the chairman of the State Science and Technology Commission of the People's Republic of China. Song also is chairman of the State Environmental Protection Commission and carries the title of State Councillor. Thirty Korean representatives also visited the campus recently from Yonsei University — to study U.S. intellectual property law and to bring back important perspectives learned from School of Law faculty.

Reviews were provided on current efforts to improve facilities, including announcements that Anheuser-Busch Hall for the School of Law will be occupied beginning Dec. 20; that the foundation is in place for Alvin Goldfarb Hall for the George Warren Brown School of Social Work; and that the new classroom and practice building for the Department of Music in Arts and Sciences will be occupied before next semester.

Wrighton also noted renovation projects, including improvements in South Brookings Hall, as well as future plans to renovate Graham Chapel and Holmes Lounge.

The chancellor reported several important honors and awards, including the naming of John L. Kardos, Ph.D., as the Stanley and Lucy Lopata Professor in chemical engineering; the establishment of an annual lectureship in honor of Gustav Schonfeld, M.D., the William B. Kountz Professor of Medicine and head of the Atherosclerosis, Nutrition and Lipid Research Division, through a gift from his mother, Helena Schonfeld; the presentation of the President's Award for Excellence in Social Work Education by the National Association of Social Workers to Dean Shanti K. Khinduka, Ph.D.; the election of John P. Atkinson, M.D., the Adolphus Busch Professor and chair of the Department of Medicine, and John W. Olney, M.D., professor of psychiatry and of neuropathology, to the Institute of Medicine of the National Academy of Sciences; and the presentation of the Founder's Award by the National Osteoporosis Foundation to William Peck, who also recently was named chair of the Council of Deans for the Association of American Medical Colleges. (See story on page 2.)

In other actions, the trustees approved a resolution in memory of Richard K. Weil, a trustee for 30 years — first as an elected trustee from 1966 to 1974 and then as an emeritus trustee until his death Nov. 8.

The trustees set the School of Medicine tuition and approved tuition rate ranges for undergraduates for the 1997-98 academic year. In early 1997, a specific undergraduate tuition rate will be set by the University within the ranges approved by the trustees.