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Champions try it again

Volleyball team wins regional; to host finals

For the second consecutive year, Washington University has been selected to host the National Collegiate Athletic Association Division III women’s volleyball championship. The semifinals will be held this Friday, Nov. 16, in the Field House. The third-place and championship matches will set for Saturday, Nov. 17. The Bears, ranked first in the final Division III national poll with a 30-2 record, advanced to the semifinals by defeating Kalamazoo College to win the Midwest Regional championship last Saturday night. The other semifinalists are West Regional winner University of California-San Diego, Central Regional champion College of St. Benedict (Minn.) and East Regional titleholder Juniata (Pa.) College. University of California-San Diego will face Juniata at 5 p.m. Friday and Washington will meet Juniata at 8 p.m. The third-place match is set for 5 p.m. Saturday, with the title match scheduled for 8 p.m. Each match is a best-of-five-set contest. Tickets will cost $5 for adults, $3 for students with a valid ID card, and $2 for children under the age of 12. All-session passes will be available for $8. Tickets can be purchased in the Field House beginning at 4 p.m. both days.

Last year, Washington claimed its first regional title and second national championship by defeating Ohio Northern University in the third set of the Bears is led by national player-of-the-year candidate Kathy Besser, a senior All-America outside hitter. Other top players include a trio of All-Central Region selections — senior middle blocker Dianne Sites, sophomore middle blocker Jena Beck, and junior setter Kelley Meier.

AT&T chief to give Calhoun lecture

Robert E. Allen, chairman and chief executive officer of American Telephone and Telegraph Co., will give the 10th David R. Calhoun, Jr., Memorial Lecture at 4 p.m. on Nov. 20 in Simon Hall’s May Auditorium. Allen will speak on “Five Centuries After Columbus: Exploring America’s Place in the New World.”

Limited seating will be available for the general public to this Assembly Series lecture.

Allen has been chairman and CEO of AT&T since 1988. He previously was president and chief operating officer of AT&T. He also has held officer positions at Indiana Bell Telephone Co., Illinois Bell Telephone Co., Bell Telephone Co. of Pennsylvania and Chesapeake and Potomac Telephone Co. of Virginia.

The David R. Calhoun, Jr., Memorial Lecture is held for his exemplary role in St. Louis business and community leadership. Calhoun, a member of Washington University’s Board of Trustees from 1955-1974, was chair and CEO of five Laclede Gas. For more information, call 889-4620.

Thanksgiving break

The Record will not be published in the 10th week of Thanksgiving. The next issue will be dated Nov. 29. The record staff hopes our readers have a happy, healthy and relaxing Thanksgiving holiday.
Human need to connect is focus of one-act plays

The Perforning Arts Department will present "Connections: An Evening of One Acts" at 8 p.m. Nov. 30 and Dec. 1 and 2 in Mallinckrodt Center's Drama Studio.

Two one-act plays, "Danny, Out There" by William Saroyan and "Danny and the Deep Blue Sea" by John Patrick Shanley, will be staged. Both plays examine the basic human need to connect with others and address the redemptive power of love.

"Danny, Out There," directed by senior Louis Goldstein, follows the misadventures of a young man (played by senior Evan Jerome), who ends up in jail accused of rape. The young man is the only prisoner in the small, isolated town's jail and is befriended by an innocent 16-year-old inmate (played by sophomore Krycia Kublak), who cleans the jail house.

The second discovery, scheduled for December publication in Nature, is the finding of interstellar grains in situ, researchers postulate that the graphite was made outside the solar system.

So far so good. But how do the scientists know that the graphite was made outside the solar system? First, the ion probe measurements showed that the isotopes of carbon within the graphite grains are far different from what is "expected" within the solar system. Second, scanning electron microscopy (SEM) detected bizarre shapes and appearances.

"Therefore," says Zinner, "we argue that we are dealing with presolar grains that come from stars. The question is, where do the stars come from?"

That question leads back to neon-22. Everyone in the Bronx who punched me or kissed me, and to everyone I dated or befriended, is an end stage of a red giant — a star in the late stages of its evolution.

More advances

Since collaborating on the discovery of this third type of interstellar material, researchers at the McDonnell Center have produced two other noteworthy findings.

The second discovery, scheduled for December publication in Nature, is the finding of interstellar grains in situ, hence the red giant "is the first time anyone has ever found interstellar silicon carbide within the meteorites," says Walker. "We are extracting information that is fundamental to our understanding of how the solar system evolved and how elements get formed. This is a perfectly new way to study these questions, and I have the faith that it will lead us to new answers." —Frank Hiver

Finals

"We're thrilled to be hosting the final four again this year," said Bear head coach Teri Clemens. "Last year we credited the St. Louis community with a big assist for coming out to support us, and I hope we can count on them again this weekend. The talent that will be present is the best that Division III has had, and I anticipate an action-packed experience."

Because of the volleyball championship weekend, the home basketball games originally scheduled for this Saturday against DePauw will start at 7:30 p.m. and the men's contest will begin at 5:30 p.m. Sunday, Nov. 18, in the Field House, and the women's contest this weekend, the home basketball games will start at 7:30 p.m. and 7:30 p.m. on Saturday and Sunday, Nov. 13 and 14, respectively.

For this Saturday against DePauw, the women's contest will start at 7:30 p.m. and the men's contest will begin at 5:30 p.m. Sunday, Nov. 18. All other home basketball games will start at 7:30 p.m. on Saturdays and 7:30 p.m. on Sundays.

Record
Introductions to new faculty

The Record is running a weekly series profiling new faculty on the Hilltop Campus and in the Medical Campus.

Michael G. Caparon, Ph.D., associate professor of cardiovascular microbiology at the School of Medicine, comes to the University from Emory University, where he was an assistant associate in the Department of Microbiology and Immunology. He received his bachelor's degree in biochemistry and public health from Michigan State University in 1981, and his doctorate in virology from the University of Iowa in 1985. His research interests include the molecular biology of transforming elements and virulence in streptococcal pyrogen and other pathogenic gram positive bacteria.

Paul A. Swanson, M.D., assistant professor of pathology in the Division of Anatomic Pathology at the School of Medicine, was a health center director of pathology in the Department of Laboratory Medicine and Pathology at the University of Minnesota Hospital and Clinic. He also had a staff pathologist for the Hemepoxy County Medical Center in Minneapolis. His responsibilities at the School of Medicine also include serving as a director of diagnostic electron microscopy in the Department of Pathology. He received his bachelor's degree in microscropy, cum laude, from Dartmouth College in 1979 and his medical degree, cum laude, from the Oregon Health Sciences University. He also completed a residency in pathology at the University of Maine Medical Center in 1984. His research activities include the diagnostic and developmental aspects of immunohistochemistry, and providing

Deadline nears for Luce apprenticeships

Graduating seniors, graduate and professional students, alumni, and faculty who will be under 50 years of age on Sept. 1, 1991, are eligible to apply for a Henry Luce Foundation professional apprenticeship at the Far East, in fields ranging from literature to zoology. The program, which has no language requirements, runs from August 1991 to July 1992. The program is open to specialists in Asian studies. Recent placements include an architectural firm in Tokyo, a newspaper in Jakarta, and a medical program in the Philippines. The stipend is equivalent to that of a junior faculty member at a local university and pays travel and language instruction costs. Visit the Luce website for more information. The deadline is Nov. 28. Those interested should contact Robert Wiltenburg in the Office of Student Affairs at 889-4195 or 726-7354.

Washington University staff and faculty make news around the globe.

Followings is a digest of media coverage they have received during recent weeks for their scholarly work, research and general expertise.

Allergy sufferers have another plant to fear. As mugwort appears in USA Today, Detroit News, Rocky Mountain News, and more than 40 other newspapers and magazines across the country, J. Hayes Wedder, M.D., associate professor of pediatrics, and Walter Lewis, Ph.D., professor of biology, say that pollen from the Santa Maria featherwedge plant can cause problems for an estimated 2 million people in the Gulf Coast state. In this case, mugwort, which is ragweed-induced allergy, there is no cure yet for featherwedge-allergic people. Many people with allergies are being misdiagnosed and treated for ragweed allergy. He says. Antihistamines are the best treatment until researchers can find a defense against the pollination.

Washington University faculty and staff make news around the globe.

Football and academics mix well for Chris Warlick, a student-athlete from Williamsburg, N.Y. The Bears' second-leading receiver missed the Oct. 20 game against the University of Illinois. College because he was addressing a group of top medical specialists at the American Society of Human Geneticists at their national convention in Washington, D.C. The gene that he studies is the Myc gene. He discovered two markers that could help narrow the search for the gene. The gene is responsible for the inherited hypertrophic cardiomyopathy, a hereditary disease that will soon become permanent fixtures on the updated human genetic map and in the draft sequence of the Human Genome Project. Warlick and his colleagues presented research on genetically altered mice that carry the Myc gene. They found that removing the gene from the mice results in a slower heart rate and a healthier heart.

Some stories about Warlick and his discovery were in the Oct. 16 issue of Science, the Oct. 20 issue of Nature, and the Oct. 24 issue of Science Illustrated, the Oct. 4 USA Today, the Oct. 7 Chicago Tribune, and more than 50 other newspapers across the country, as well aired on CBS News and ESPN. Football and academics mix well for Chris Warlick, a student-athlete from Williamsburg, N.Y. The Bears' second-leading receiver missed the Oct. 20 game against the University of Illinois. College because he was addressing a group of top medical specialists at the American Society of Human Geneticists at their national convention in Washington, D.C. The gene that he studies is the Myc gene. He discovered two markers that could help narrow the search for the gene. The gene is responsible for the inherited hypertrophic cardiomyopathy, a hereditary disease that will soon become permanent fixtures on the updated human genetic map and in the draft sequence of the Human Genome Project. Warlick and his colleagues presented research on genetically altered mice that carry the Myc gene. They found that removing the gene from the mice results in a slower heart rate and a healthier heart.

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Wendy Auslander, Ph.D., assistant professor of social work, Martha Ozawa, Ph.D., Beth Bollinger Brown Professor of Biology, and Vered Slonim-Nevo, D.S.W., adjunct assistant professor of social work, have been awarded a $5,000 grant from the Alcohol, Drug Abuse, and Mental Health Administration of the National Institute of Mental Health. The grant, titled "AIDS Prevention Among Drug Abusers in Robert Wood Johnson Centers," will compare the effectiveness of a team of researchers' research group intervention to change adolescents' knowledge, attitudes and behaviors related to AIDS prevention. The nine-session intervention plan, delivered by social work students, is being implemented at 15 Missouri and Illinois residential centers.

Henry Berger, Ph.D., associate professor of history, presented a paper on "American Foreign Policy, U.S. Labor Unions, and the Cold War in Latin America, 1945-1950" at the International Conference of Historians of the Labor Movement held in Linz, Austria.

Bradley Boyle, a doctoral candidate in tropical ecology, was one of 22 recipients of a $9,000 grant from the National Science Foundation for his research in tropical ecosystems. His research focuses on the role of dance artists, and presented a paper on "Dance and the Environment" held in St. Louis, CO. He also served as a speaker at the Conference of Historians of the Labor Movement held in Linz, Austria.

Mary-Jean Cowell, a professor of dance, moderated a panel formed on an international showcase of dance artists, and presented a paper on "Dance and the Environment" held in St. Louis, CO. He also served as a speaker at the Conference of Historians of the Labor Movement held in Linz, Austria.

Kenneth Chilton, associate director of the Center for the Study of American Business, was named to a committee or elected an affiliate member of the National Association of Business Economics for his article titled "The Myth of the Hollowed-Out Corporation," which appeared in the January 1990 issue of Business Economics. He has also completed the fourth edition of his textbook titled Business, Government and the Economy. The fourth edition of his policy book titled Economic and Governmental Policy has been issued by Basic Books.

Vicky Witte, head of reference and information services, Marty Cavanka, information librarian, both of Olin Library, and Clarke Montford, graphic designer, engineered a self-guided tour of the main staff make news around the globe.

Worse, many people with feverfew plant to fear. As mugwort appears in USA Today, Detroit News, Rocky Mountain News, and more than 40 other newspapers and magazines across the country, J. Hayes Wedder, M.D., associate professor of pediatrics, and Walter Lewis, Ph.D., professor of biology, say that pollen from the Santa Maria featherwedge plant can cause problems for an estimated 2 million people in the Gulf Coast state. In this case, mugwort, which is ragweed-induced allergy, there is no cure yet for featherwedge-allergic people. Many people with allergies are being misdiagnosed and treated for ragweed allergy. He says. Antihistamines are the best treatment until researchers can find a defense against the pollination.
Thursday, Nov. 15

4 p.m. Dept. of Anatomy and Neurobiology 75th Robert J. Terry Lecture. "Similar Neural Algorithms for the Analysis of Visual and Auditory Stimuli". Mark Korf, Bing Professor of Behavioral and Brain Sciences and head of the Neuroscience Laboratory. Carol V. Moore, M.D., 600 S. Euclid Ave.

4 p.m. Dept. of Chemistry Colloquium "The Rhythm of Sharks in Formal Organizations or the Unorganized Agon". Fred Halper, U. of California, San Diego. Room 101 McClain.

4 p.m. Dept. of Music Therapy. "The Music of Toots Thielemans". Patricia Larson, music therapist and piano accompanist. 314 Center Aud. Room 314 McClain Lab (Coffee: 3:45 p.m.)


5:30 p.m. Libraries Bookmark Society Panel Discussion. "Reflecting the Renaissance: Renaissance Revivals and the American Imagination," Wendy. Room 100 Brown Hall. (Tea: 5 p.m., Room 203 Cupples I.)

5:30 p.m. School of Medicine Dinner. "The High School Sholom Anthology". The book is written by Jewish Student Theatre Group. 6300 Forsyth Blvd. For more info., call 889-5400.

5:30 p.m. University Theater. "Indian Dancers". The Indian and the only American to win a gold medal in the Olympics, is featured in an exhibit at the St. Louis Art Museum. 10 a.m.-5 p.m., Saturday; and 1 to 10 p.m., Sunday. Free admission.

5:30 p.m. Women's Building Lounge. "The Women's Building Lecture Series: The effects of Word Order on Sentiment and the role of part-of-speech tagged corpora in newswire classification research.

5:45 p.m. Dept. of Biology Seminar. "Expansion of Prokaryote Genomes: Extra Chromosomal Elements Controlled at the Level of Assembly". Susan J. Normark, Ph.D., Department of Molecular Microbiology, Room 322 Rebeaud Hall.

Tuesday, Nov. 27
4:00 p.m. Dept. of Mathematics Colloquium. "Symmetry Constructions and Symmetry of Molecular Surfaces". David Hoffman, U. of Massachusetts. Room 199 Courtyard (Tea: 3:40 p.m., Room 201 Campus Compt.)

5 p.m. Dept. of Mathematics Colloquium. "Molecular Toxicology of Organophosphates: Implications of the Hexokinase/Phosphateokinase Model". Robert Brooks. U. of Southern California. Room 199 Courtyard (Tea: 3:00 p.m., Room 201 Campus Compt.)

5 p.m. Dept. of Physics Colloquium. "The Defense and Destruction of Elementary Nuclei". Lee Sobeluk. U. of Chemistry. Room 204 Crow Hall. (Coffee: 3:10 p.m., Room 205 Campus Compt.)

Tuesday, Nov. 28
6:00 p.m. Dept. of Mathematical Colloquium Series Presents Tenley D. Howl. Colloquium. "The Brain Tree: Exploring America's Place in the New World". Robert J. Darrow, U. of Illinois. Room 314 McClain Lab (Coffee: 5:00 p.m.)


4:15 p.m. Dept. of Chemistry Seminar. "New Chemistry of Group IV Metal Complexes". Robert Figers, WUSTL. Room 311 McClain Lab (Coffee: 3:45 p.m.)

4:15 p.m. Dept. of Chemistry Seminar. "Some Comments on Lexical Access". Anne M. Johnstone, WU prof. of systems science and mathematics; Glen Cook, local environmental artist. Steinberg Hall Aud. Room 102 Wilson Hall. (Coffee: 3:45 p.m.)

4 p.m. Dept. of Computer Science. Second Floor Aud.

Wednesday, Nov. 28
4 p.m. Dept. of Computer Science. Second Floor Aud.

7:00 p.m. Basketball. WU vs. DePauw U. At 8 p.m. Field House.

Friday, Nov. 30

4:15 p.m. Dept. of Computer Science. Second Floor Aud.

Saturday, Nov. 30

Monday, Dec. 1

Monday, Dec. 4
7:00 p.m. Dept. of Music. "Faculty Art Show," showcasing paintings and prints by Dan Gaumnitz, WU painter. Also in-cludes work from faculty and undergraduate students and WU faculty and staff. Mallinckrodt Hall. Free admission. For more info., call 889-5574.

Tuesday, Dec. 5
9:30 a.m. WU vs. DePauw U. Millstone Pool.

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Wednesday, Dec. 6

7:30 p.m. Basketball. WU vs. DePauw U. At 8 p.m. Field House.

Thursday, Dec. 7
4:15 p.m. Dept. of Chemistry Seminar. "New Chemistry of Group IV Metal Complexes". Robert Figers, WUSTL. Room 311 McClain Lab (Coffee: 3:45 p.m.)

Friday, Dec. 8
4:30 p.m. Dept. of Mathematics Colloquium. "Some Comments on Lexical Access". Anne M. Johnstone, WU prof. of systems science and mathematics; Glen Cook, local environmental artist. Steinberg Hall Aud. Room 102 Wilson Hall. (Coffee: 3:45 p.m.)

Saturday, Dec. 9
5:30 p.m. Basketball. WU vs. Missouri S&T. At 6:30 p.m. Field House.

Sunday, Dec. 10
5:30 p.m. Basketball. WU vs. Southern Illinois. At 6:30 p.m. Field House.

Monday, Dec. 11
6 p.m. Men's Wrestling and Swimming and Diving. WU vs. St. Louis U. McClain.

Tuesday, Dec. 12
7:00 p.m. Basketball. WU vs. DePauw U. At 8 p.m. Field House.

Wednesday, Dec. 13
7:00 p.m. Basketball. WU vs. DePauw U. At 8 p.m. Field House.

Thursday, Dec. 14
5:30 p.m. NCAA Division III Women's Volleyball. WU vs. St. Mary's. At 6:30 p.m. Field House.

Friday, Dec. 15
5:30 p.m. NCAA Division III Women's Volleyball. WU vs. Trinity. At 8 p.m. Field House.

Saturday, Dec. 16
2:30 p.m. Dept. of Computer Science. Second Floor Aud.

Sunday, Dec. 16
2:30 p.m. Dept. of Computer Science. Second Floor Aud.

Monday, Dec. 17
6 p.m. Men's Wrestling and Swimming and Diving. WU vs. St. Louis U. McClain.

Tuesday, Dec. 18
5:30 p.m. NCAA Division III Women's Volleyball. WU vs. Trinity. At 8 p.m. Field House.

Wednesday, Dec. 19
5:30 p.m. NCAA Division III Women's Volleyball. WU vs. St. Mary's. At 6:30 p.m. Field House.