NASA payload part of cargo on Solo Spirit

A national aerosonde and space administration (NASA) instrument package that may one day study the atmospheres of Mars or Venus will fly aboard adventurer-businessman Steve Fossett's Solo Spirit capsule as he makes his third attempt to be the first person to fly a balloon around the world solo.

NASA's jet propulsion laboratory is carrying out a program to fly in the atmospheres of Mars or Venus on an aerobot, a robotic balloon. Like Fossett's balloons, the aerobot would vary its altitude to steer through the atmosphere. This experiment will simulate a planetary mission with an aerobot payload mounted on the balloon. Thaddeus Raymond E. Arvidson, Ph.D., professor and chair of earth and planetary sciences in arts and sciences, is science coordinator for the payload and for Fossett's mission control in Brooks Hall.

Eventually, a version of the NASA prototype may fly in the atmosphere of Mars or Venus on an aerobot, a robotic balloon. Like Fossett's balloons, the aerobot would vary its altitude to steer through the atmosphere. This experiment will simulate a planetary mission with an aerobot payload mounted on the balloon. Thaddeus Raymond E. Arvidson, Ph.D., professor and chair of earth and planetary sciences in arts and sciences, is science coordinator for the payload and for Fossett's mission control in Brooks Hall.

New marketing professorship

Amber G. Rao, Ph.D., (center) becomes the first Fossett Distinguished Professor of Marketing in the School of Business Thursday, Dec. 4. Trustee J. Stephen Fossett (left) endowed the chair and took part in the installation with Stuart I. Greenbaum, business school dean. See story on page 5.

Architecture students design Forest Park pavilions for new millennium

Through majestic towers, hovering domes and futuristic geometric structures, graduate architecture students’ designs for pavilions commemorate the 1904 World’s Fair and also a new 2004 pavilion that will be constructed in 2004 at the site where the original 1904 pavilion still stands.

The students’ theoretical designs will be formally exhibited in Givens Hall during an all-day review Dec. 19 and displayed next spring on the school’s Web site at http://www.arch.wustl.edu. Graduate student Jeff Dillard’s designs call for a new form of building material — cast steel — to create a bridge to his pavilion. The tensegrity structures have been tested in the wind tunnel at NASA’s Langley Research Center.

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Carl M. Bender, Ph.D., injects humor into physics and math and captivates his students

Unique opportunity ........................... 5
Students on the Solo Spirit balloon mission team experience the excitement of science

Coming up...

Rhodes Scholar named

At press time, the Record received word that Narayanan “Bobby” Kasthuri, a first-year School of Medicine student, was one of 32 Americans to receive a Rhodes Scholarship to Oxford University, England.

The Jan. 15, 1998, issue of the Record will include a full-length article about Kasthuri and his selection.
Ambulatory Care Center will offer new approach to patient care

In patient satisfaction surveys, the care provided by the School of Medicine’s clinical faculty overwhelmingly is ranked as excellent. Easy access to that high-quality care, however, is noted as an opportunity for improvement by consumers seeking convenient out-patient services.

That’s why creating a patient-focused environment in which ambulatory patients can park conveniently, see their physician and fluorescent Mark S. Wrighton, director of Net- work Development for the Washington University Physician Network and executive director of Practice Plan Development for the Faculty Practice Plan.

Chod, an assistant professor of obstetrics and gynecology, previously served as assistant dean for clinical affairs and vice president of clinical affairs at BJC Health System. He earned his medical degree in 1983 from the University of Texas Southwestern Medical School in Dallas. He completed his residency in obstetrics and gynecology at Jewish Hospital in 1987. He then maintained a private practice in St. Louis until he joined the faculty in 1995.

Lowell, assistant professor of surgery and of pediatrics, also serves as executive director of Medical Services for the Faculty Practice Plan. As assistant vice chancellor, Lowell is responsible for optimizing clinical outcomes, maximizing the efficiency of patient care and systems to document and monitor clinical outcomes. He will work closely with Barnes-Jewish Hospital and BJC Health System.

Lowell graduated from Yale University School of Medicine in 1985. He joined the medical school’s faculty in 1994 following a fellowship in adult and pediatric transplantation at the University of Nebraska Medical Center. He continues his work in transplantation as director of the intestinal transplant program at Barnes-Jewish and St. Louis Children’s hospitals.

As assistant vice chancellor for clinical affairs, Podleski will continue to be involved in analyzing and planning the reorganization of clinical services and the creation of an integrated professional practice plan. Among her main goals will be developing departmental, administrative and departmental timelines and practice models and collaborating with hospital operations and coordinating clinical operations with the School of Medicine. Podleski is the executive director for Clinical Operations for the Faculty Practice Plan.

Podleski was born in St. Louis and has been a business manager in neuropsychology. She received a bachelor’s in psychology from Washington University in 1991.

The ACC will consist of a new 14-story building on the corner of Forest Park and Euclid avenues, adjacent to the new Cancer Center. The centers will share a lobby and parking facilities.) The ACC is scheduled to open in late 2000.

“Ambulatory Care Center is critically important to the delivery of high-quality care that is patient-focused and easily accessible,” said James P. Crane, M.D., associate vice chancellor for clinical affairs and chief executive officer of the Faculty Practice Plan (FPP). The FPP was established earlier this year to oversee the medical school’s clinical practice.

Crane, who also is a professor of obstetrics and gynecology, added: “We believe the ACC will enhance the School of Medicine’s ambulatory care center planning process, many clinical faculty have been involved in the planning of these areas. To date, more than 100 faculty members have provided input into ACC planning.

“We provided a superstructure and practice model,” said Michael E. M. C., co-chair of the AODT, chair of the ACC planning committee and the Tobias and Horsent Lewin Professor of Cardiovascular Diseases. “We painted a picture in bold strokes of how the facility would run and how faculty would interact with their divisions and departments. A typical faculty who will see patients in the facility are providing key input into the specific design of the clinical care areas.”

The result of all of this faculty planning, Cain said, will be “a truly spectacular, novel and efficient building that will allow a multidisciplinary and specialty approach to patient care.”

Learning about reproductive health

As part of a Reproductive Health Education Program (RHEP) class at Ferguson Middle School, eighth-grader Joseph Joness tells his classmates and RHEP volunteer Shelby Sullivan (right) about baby-sitting for his sister’s child. RHEP was created in 1992 by the School of Medicine and Ferguson Middle School.

“Most people seem to think of kids as kids,” Sullivan said. “We teach them that young people have the same needs as adults.”

Volunteers are needed for a study on the biological basis of depression.

“Depression is more than feeling sad or unhappy most of the time,” said Kathy Stukel, associate professor of psychiatry. “It’s much more than a suggested antidepressant medica-

The ACC will offer a novel approach to patient care, which will be enhanced by the School of Medicine’s ambulatory care center planning process. In late 2000, the Ambulatory Care Center (ACC) on Forest Park and Euclid avenues, adjacent to the new Cancer Center, will be housed in the ACC. As with the clinical center planning process, many clinical faculty have been involved in the planning of these areas. To date, more than 100 faculty members have provided input into ACC planning.

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Washington People

Bender mixes humor with math and physics

T hanks to a group of sharp-minded, hardworking students, Carl M. Bender, Ph.D., has purged many mistakes from his book-in-progress. “I’m handing it out chapter by chapter as I write it,” said Bender, professor of physics in Arts and Sciences. “It makes the course more interesting, the book better and the students eligible for rewards. Last night I received e-mail from someone who is getting two extra points for finding an error” in a chapter he was working on. “Partial Differential Equations for Scientists and Engineers,” presented advanced mathematics to aspiring physicists, engineers, and mathematicians. “The publication date is June ’98, when I finish the course,” Bender said. “It’ll be the big bang.”

It’s vintage Bender. Puns and cornball jokes. An office annotated with curiosities and creative sayings. A book on tape threaded to one wall reads “dry paint.” The levity taped to one wall reads when I finish the course,” Bender said. “It’ll be the big bang major. I didn’t know.”

Bender graduated summa cum laude with a bachelor’s degree in physics from Harvard and entered Harvard University “as a serious theoretical physicist.” Harvard professor Julian Schwinger had won the 1965 Nobel Prize for Physics (with Richard Feynman and Sin-Itiro Tomonaga), and Bender was hoping to work with him. Disappointment closed in on the prospect, however, as Schwinger never seemed accessible. A few weeks later, Bender made it into his office and the encounter was all too brief and the result a letdown. “I asked the man to mentor me,” said Bender. “He answered, ‘I don’t know. Enter T.T. Wu, applied mathematician and physicist, as a thesis adviser, collaborator and co-author on several papers. Wu provided a way to think about a problem, how to proceed. How to approach more than anything. He showed me how to shake hands with a problem.”

Following a year of postdoctoral work at Princeton, Bender took a position in the applied mathematics department at the Massachusetts Institute of Technology, where he stayed for seven years. But when Washington University offered him a position, he left MIT. “My productivity increased here,” he said, “because I spent less time worrying about the noise around me. I can work to larger and more long-range problems. The classes were smaller and the students brighter. My whole life changed.”

As a result, the lives of others have changed, too. Junior Michael Lamar recalled an incident that happened when he visited the University as a high school senior. “He [Bender] captivated the audience and led to my enrollment here,” said Lamar, a student of Bender’s this past year in the mathematics course. “He’s an excellent teacher who lives the moment.”

Applying physics to social issues
Bender also teaches “Physics and Society,” an examination of what distinguishes science from antiscience. An advocate of public transportation, population control and generally “a more quantitative approach to environmental problems,” Bender approaches public policy issues with vast knowledge and great resolve. He is a fellow of the American Physical Society, serves on professional journals’ editorial boards and has been a consultant at Los Alamos National Laboratory in New Mexico for its high and consistent performance in the Pan-American competition.

A Putnam coach for 20 years, Bender and mathematic Professor Richard Rochberg, Ph.D., helped place the University among the top three schools of the 400 U.S. and Canadian institutions participating in the prestigious annual mathematical examination for undergraduates. In the past two decades, the University has placed first and second four times each. Another class physicist, but also one of the best teachers on campus, he excites and inspires students. He serves on many University committees and his name has appeared on the rosters of the University in its Compton Hall office. He points out an article he co-authored with Jude Vissen, now attending Princeton on a National Defense Science and Engineering Graduate fellowship. Vissen worked with Bender — “a mentor I still go to for advice,” Vissen noted — beginning the summer after his freshman year. “He’s energetic, patient, and open-minded,” Vissen said of his former professor. “He is known for his deep involvement with undergraduates.”

Another paper presents a methodology for studying a specific gynec. Bender co-authored this article with his son, Daniel, a third-year graduate student studying the history of the American labor movement at New York University. (His older son, Michael, will receive a Ph.D. in computer science from Harvard next spring, when he plans to marry also.)

“I always thought I would be a chemist. In high school I had a lab in my basement, where I was always discovering things,” Bender related. “My father was a physicist who made me read ‘Ray’ Riprapman. I was inspired by his enthusiasm for his profession.”

As a freshman at Cornell University, Bender immediately enrolled in a calculus course and earned the highest grade in the class. He excelled in every course he took. Thrilled by the discovery of a water-soluble glass he developed over the subsequent summer, Bender knocked on a professor’s door to share the find.

For example, one problem we can solve is the shape of an oscillator. “You’ll like appendix H,” he said, handing over the wind then, taking courses randomly, loving the science and mathematic of quantum mechanics, to try physics. “I was just blowing with the wind then, taking courses randomly, loving the science and mathematics,” Bender said. “During graduation week, I got a call from the math department asking if I was a math major. I didn’t know.”

Bender’s group will arrive next year.

Bender’s research has been funded annually by the National Science Foundation, the National Defense Science and Engineering Graduate Fellowship, the British equivalent of the National Science Foundation (NSF), and the U.S. Department of Energy.”

The visible signs of his work as a “theoretical theoretician” provide a backdrop for Carl M. Bender, Ph.D.

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Clifford M. Will, Ph.D.

Working in England and Israel
He has earned many distinctions, among them a Fulbright fellowship to lecture and conduct research at Imperial College in London from summer 1995 through summer 1996. He received additional support from the Particle Physics and Astronomy Research Council’s (PPARC), the British equivalent of the National Science Foundation (NSF). “I call it ‘travelling and wonderful time,’” recalled Bender, who had traveled to Imperial College in 1974 as a visiting fellow and again in 1986 as a visiting professor. “It was an excellent place to talk about my work and to collaborate with others. What great fun to sit all day and think about problems, work straight through lunch, not even put down the pencil.” I talked with many students and must have solved 10 or 12 problems over two or three times my normal annual production,” he added.

During his trip abroad, Bender also taught and conducted research at Technion-Israel Institute of Technology in Haifa, Israel, on a Lady Davis fellowship, a coveted award given to only a few visiting scholars each year for study in Israel. Another highlight was a month spent at Cambridge University’s New Institute, which hosted a six-month conference on hyperasymptotics, a field of mathematical physics that Bender helped create through his early work on perturbation theory.

“Perturbation theory involves an organized mathematici set of procedures for solving very difficult problems that bear similarity to solvable ones,” Bender explained. “For example, one problem we can solve is the shape of Earth’s orbit as the planet moves around the sun, but only if there are no other planets. The pull of gravity from the other planets distorts the calculations. These problems can be solved approximately but never exactly.”

Bender’s first book, “Advanced Mathematical Methods for Scientists and Engineers” (1978, McGraw-Hill), co-authored with Princeton Professor S. A. Orszag, has become the classic work on perturbation theory and is used by universities stretching from Harvard to California Institute of Technology. Bender credits his wife, Jessica, “a highly talented editor,” with contributing to the book’s success.

“I grew up quantity theoretician,” Bender said, moving along a banquet of published papers that run nearly the length of his Compton Hall office. He points out an article co-authored with Jude Vissen, now attending Princeton on a National Defense Science and Engineering Graduate fellowship. Vissen worked with Bender — “a mentor I still go to for advice,” Vissen noted — beginning the summer after his freshman year. “He’s energetic, patient, and open-minded.” Vissen said of his former professor. “He is known for his deep involvement with undergraduates.”

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Dec. 11, 1997
Calendar

Visit Washington University's online calendar at http://calendars.wustl.edu/calendar/event/1

Dec. 11–Jan. 17

Exhibitions


Lectures
Friday, Dec. 12

Monday, Dec. 15


Tuesday, Dec. 16

Wednesday, Dec. 17

Friday, Dec. 19

Friday, Jan. 2
6 and 8:30 p.m. W.U. Association Travel Lecture Series. "Finland — Star of Scandinavia." Jim Cole, prof. 935-5212.

Monday, Jan. 5

Music
Friday, Dec. 12

Sunday, Dec. 14
3 p.m. choral. "Wedding: Handel's "Messiah." John Stewart, dir. Cost: $5 for WU students. Wessell and coral singing follows at the Catholic Student Center. 6352 Forsyth Blvd. 935-4841. (See story on page 3.)

Catholic students plan mission trip... from page 1
powerful to work with her. So there is a sense of disappointment and loss. But in the time since she died, all the documentaries and stories have renewed our reflection and given us a lot more focus on her motivations. I sure her spirit will be alive there.

The change, simply, is to help the helpless. In Calcutta, the Mathematicians of Charity operate several different homes — for children, for the dying, for lepers — each tendering unconditional love for WU students. (Wessell and coral singing follows at the Catholic Student Center. 6352 Forsyth Blvd. 935-4841. (See story on page 3.)

The quest goes well beyond the four-week voyage. "One of the challenges is how to bring the experience home and share it," Garrity said. "We're trying to learn from the poor how to love each other and to pass that message on to others who aren't on the trip."

This process has already begun, both informally and formally. Since the summer, the group has gathered weekly, taking turns leading soul-searching discussions focusing on the meaning of a single word, like "povery" or "hope." The group also has met with a group of eighth-graders from Chaminade College Preparatory School. "In Chaminade, the group wants to go to the school...to plant a little seed there," Garrity said.

While the Calcutta trip is the largest in scope, it's just one of several the CSC sponsors throughout the school year. Last spring, a group traveled to a Navaho reservation in Tohatchi, N.M. Before that, it was a trip to inner-city Denver. This coming spring break, a team will go to the Texas-Mexico border. Then it will be back to the Southwest at the end of the school year.

"The trips are life-changing experiences," Garrity said. "The whole way we see the world will change. When the trip we're about to go on, we'll be in Africa with people who wish to do so may sit in special sections arranged according to vocal part (soprano, alto, tenor, baritone), and copies of the music will be available for those who do not bring their own scores. A $5 cover charge is required."

Annual Messiah sing-along set for Dec. 14

"Messiah" sing-along set for Dec. 14

Vocals of all stripes are invited to participate in the Department of Music in Arts and Sciences' traditional sing-along of Handel's masterwork "Messiah." The concert takes place at 3 p.m. Sunday, Dec. 14, in Graham Chapel and is directed by John Stewart, director of vocal activities. Admission is $5 for the general public and free for University students.

Stewart said that the performance, which lasts about two hours, will include the Christmas portion of "Messiah" as well as the "Hallelujah Chorus." Singers who wish to do so may sit in special sections arranged according to vocal part (soprano, alto, tenor, baritone), and copies of the music will be available for those who do not bring their own scores. A $5 cover charge is required."

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Monday, Jan. 5

Improve your prospective undergraduate musicians professional experience

If performance is the heart of music, then students in the Washington University Jazz Combos are getting a sound introduction to the syncopated rhythms of jazz's cardiovascular system. Designed to let students earn academic credit while gaining the "gigging" experiences of a professional group, the Jazz Combos encourage student musicians to do so. Admission to the Department of Music in Arts and Sciences designed to join jazz's profile on campus. In addition to long-standing projects like the Jazz Band and the Vocal Jazz Ensemble, next semester the department will add a jazz minor to its curriculum, and, with a new faculty member, a teacher of applied music, will offer a course on jazz improvisation.

"A number of students are deeply interested in jazz, students with a lot of talent and drive," said Hugh Macdonald, Ph.D., professor and chair of music. "The minor also provides opportunities for interdisciplinary collaboration with African-American studies, American cultural studies, and anthropology. And with the arrival last year of ethnomusicologist Ingrid Monson, assistant professor of music, we seemed well placed to offer a jazz degree program."

"The Jazz Combo — a trios featuring sophomore Ben Looker, pianist, and non-norister student George Frider (Irredentist), and Evan Howard, bass and drums, respectively were organized by Looker and worked under the auspices of the music department's Small Chamber Ensemble. But when it comes to formal off-campus bookings, said Robert L. Hughes Jr., a saxophonist and clarinetist who serves as the group's faculty coach, the combo is responsible for doing its own legwork.

"There have been other student groups who try to do things on their own," he said. Hughes, in 1996, was a jazz quintet, and today, there must be dozens of alternative bands. But the reason the Jazz Combo has had such success in finding venues is simply that Ben is good at returning phone calls and showing up on time and being ready with business cards when people ask for them. Which is really just a fairly normal way to build a business."

Averaging one or two concerts per week, the trio has developed a steady clientele of restaurants (Jo's, Porter's Cigar Bar), galleries (The Gallery of Art), private parties, weddings and special events, including a $5-per-head benefit for Children's Hospital. Mayor Clarence Harmon and the St. Louis-focused educational organization OASIS' 15th anniversary celebration, where the combo appeared with Broadway crooner John Riggs. Looker concurs that legwork and personal connections are essential to successful bookings. "Last semester, even before we'd organized into a class, we started calling around looking for gigs," he said. "We did volunteer work and sent cards and demo tapes to restaurants, art galleries and country clubs, just trying to get some momentum going. And once people started seeing us perform, it became a way-of-mouth thing."

In mid-November, the combo staged a weeklong stint at the Jazz Club for the department, which was followed by a jaunt to the Denver Jazz Festival, sponsored by the St. Louis College of Education, who joined the band on trumpet — credits the event's success to Looker's "marketing." It's a lot of work and initiative to get people to come out and listen to "thing going," she pointed out. "Ben was really the one lighting a fire under people to come out and play." Looker valorizes the students in the humanities who plans to double major in music and English. But she also sees that his gigs with the Jazz Combo provide a welcome, if unanticipated, link to the performing arts. "Unfortunately a lot of students spend all their time on campus or with things going," she pointed out. "They don't get to see much of St. Louis or the surrounding area. The Jazz Combo gives them an opportunity to make connections and parts of the city we've never experience otherwise."

Looker grinned. "And, of course, we get paid for it."

— Liam Otten
Ambar Rao holds a master of business administration degree from the University of Pennsylvania's Olin School of Business, added: "We deeply appreciate this important show of support from Steve Fossett, which helps attract and retain world-class faculty at the John M. Olin School of Business." Rao held endowed professorships at the University of Toronto and the University of Arizona before joining the business school faculty this year. He is teaching marketing analysis and marketing policy and pursuing research into research and teaching areas, as well as in product strategy. Rao, author of three books and a consultant for several Fortune 500 firms, received a bachelor of technology degree from the Indian Institute of Technology and a master of science degree from Case Western Reserve University. His Ph.D. degree is from the University of Pennsylvania.

"I have many ties to Washington University," said Fossett, chairman of Latok Products Inc., a member of the New York Stock Exchange, and a trustee of the Olin School of Business Thursday, Dec. 4.

"I'm a very proud alumnus," Fossett said. "Steve Wrighton announced. Fossett is a trustee of the Olin School's advisory council.

S. Wrighton announced. Fossett is a trustee of the Olin School's advisory council.

Butler and Brad Klein were named the Missouri Valley Conference West Division players of the year. Seniors Vernon Branch and mid-January, depending on the weather conditions. The University'sBroadway ball will be mission control for the venture.

"We're not only fortunate that Steve Fossett has committed to our Olin School," Wrighton said. "He has also been named to the 1997 all-University first-team kudos. We had a great confidence in the Olin School."
Designing Forest Park pavilions for the new millennium — from page 1

Course teaches architecture writing and speaking skills

While graduate architecture students spend much of their academic careers creating visual solutions for design problems, a new course this fall stressed the importance of another form of expression — verbal communication.

Taught by Stephen Kliment, FAIA, a renowned architectural writer, editor, consultant and critic, the course focused on helping students overcome fear of public speaking and clear speech. Kliment also offered tips on writing for impact and speaking with conviction.

"A critical attribute of the enlightened, well-designed environment is the ability to express oneself or others effectively through writing and speech," said Kliment, former editor-in-chief of Architectural Record and author of the book "Creative Communications for a Successful Design Practice."

"So much of architectural education is the studio experience with its emphasis on design, but once students enter practice, they will need to know how to write proposals, client and in-house correspondence and memoranda, e-mail, planning and feasibility reports, articles for the media and marketing and promotional materials," he added.

Kliment’s course was part of a new approach in the architecture curriculum of integrating writing and speaking skills directly into a variety of graduate and undergraduate courses, said James Harris, associate professor of architecture. At the undergraduate level, the school also now requires freshmen to take an oral presentation class for sophomores and juniors to write speaking skills directly into the design exploration process, he said.

Graduate student Rohn McNulty explains how his pavilion design fits into the larger Forest Park context.

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Introducing new faculty members

For The Record

The following are among the new faculty members to join Washington University's faculty.

Daniel R. Mandelker, Ph.D., J.D., the Howard A. Stamper Professor of Law, recently testified before the Subcommittee on Intellectual Property of the U.S. House Committee on the Judiciary. Mandelker spoke in support of H.R. 2394, the "House Bill on Preemption," and would revise the "RPTS" rules—rules that determine when a property owner can use for compensation in land-use cases in federal courts. The bill is based on an amicus brief Mandelker co-authored last winter in a U.S. Supreme Court case. The bill, which passed in the U.S. House of Representatives by a margin of 70 votes, is now before the Senate Judiciary Committee.

Mandelker, an expert on zoning and land-use planning, believes House Bill 1354 would significantly strengthen the ability of property owners to sue for compensation. "The Fifth Amendment prohibits the taking of private property for public use except when the affected property owner is paid just compensation," Mandelker says. "In addition, if property owners believe House Bill 1354 would protect their interests, they may appeal to the courts to review the constitutionality of zoning and land-use planning decisions made by the government."

The restrictions of the "takings" clause apply to state and local governments throughout the country. Moreover, Mandelker notes, "In many cases, state and local government decisions are not just compensation, and the property owner's case is not just compensation, and the property owner's case is a matter that is fair to both property owners and government officials."

"The Constitution thus operates under the assumption that all levels of government can regulate private property for public benefits—such as zoning, environmental protection, or any other non-environmental safety, health and welfare of the community," Mandelker says. "The Supreme Court believes that government regulation for a public purpose can go too far. The "takings" clause limits government from forcing property owners to bear alone something that should be a public burder as well, Mandelker said.

"Government regulation requires the payment of just compensation if the "takings" does not substantially advance a legitimate state interest or denies an owner economically viable use of his, or her land," Mandelker said. "Thus, government actions before property owners can bring a "takings" claim seeking compensation against the government, they must meet criteria established by the U.S. Supreme Court ensuring that the government's action is necessary for the public good.

Mandelker believes the House bill, which aims to improve avenues of compensation for property owners, will have a major impact on how governments may regulate private property. "I believe that the House bill will lead to more fair, consistent, and transparent compensation for property owners for government actions," Mandelker said. "The House bill will ensure that government regulation for a public purpose does not go too far and that property owners are not unjustly taken from their property.

For The Record continues with a description of the new faculty members to join Washington University's faculty.

Obituaries

Wallace L. Jones, head of the Consortium for Graduate Study in Management, died of a heart attack Dec. 2, 1997, at his home in Chillicothe, Ohio. Jones joined the consortium in 1967 shortly after the formation of the organization, which provides merit-based full-tuition scholarships to minority MBA students. Jones served as director of the consortium for over 35 years, and when he retired from the consortium, he served as executive director and, in March 1990, to Chief executive officer. He retired from the top position last January.

"Wallace worked with the founders of the organization 30 years ago to make it a reality," said his successor Phyllis Budd, Ph.D. "Many called him the 'Father of the Consortium.' Since the beginning, his contributions to fund raising, recruitment, admissions and placement were equal to the passion, dedication, and wisdom he brought to each encounter. He touched nearly all of us personally, and his guidance in his strategic role was an inspiration to all.

Cynthia Csernansky named associate dean in the College of Arts and Sciences

Cynthia Csernansky has been named associate dean and chief health professions advisor in the College of Arts and Sciences, effective Oct. 21, 1997, according to James E. McLeod, vice chancellor for students and dean of the College of Arts and Sciences.

Csernansky, who had been the University's associate director of corporate and foundation relations and director of development since January 1995, will now lead the college's Office of Development.

Cynic Csernansky will be responsible for all preclinical and biomedical educational initiatives in the college. In this role, she will develop a new program to connect undergraduates collegewide with research opportunities, both academic and community-based, designed to enrich their University experience.

A new Web site for students interested in the health professions is currently under construction. Also planned is a fall seminar series exploring career paths for pre-health professional students.

"Research opportunities are common for students in the sciences," Csernansky said, "but not for students majoring in economics, English or art. We will try to connect students with a professor who is writing a book or doing research in another major and/or college. The students will gain experience to help them decide what to do with their majors."

Cynic Csernansky is a behavioral oncologist, a fellow in the School of Medicine in 1997-98 and a research associate in the Department of Cell Biology at the University of Washington. She received a Ph.D. from Stanford University, where she also earned a bachelor's degree in human biology University Honors in the Humanities in 1982.
Hilltop Campus

Information regarding these and other opportunities as well, is available in the Office of Human Resources. Further information and application forms are available at the Personnel Office. Interviews will be scheduled at the convenience of the candidate. The university reserves the right to continue announcements until the appropriate candidates are selected or until the openings are filled.

Campus Hilltop

Increasing responsibilities; insur-

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Comparison of job opportunities preferred; ability to

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board chairman from 1983 to 1988 and

vice chairman for six years prior to that. It

fin, who died Nov. 9, 1997, after serving

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W-2 forms for Washington University

For the third year in a row, Washing-

University’s United Way Camp-

uentes approved a memorial resolu-

the United Way’s support for

United Way contributions benefit

United Way contributions benefit

Saturday child care

The St. Louis Children’s Hospital

The St. Louis Children’s Hospital

CFU Accountant 980163.

United Way drive tops $360,000

SATURDAY, FEBRUARY 6

CFU Accountant

Accounting Services, Require-

United Way drive tops $360,000

W-2 forms to be mailed to employees’ homes

The vendor who sends W-2 forms for

Saturday child care now being offered

The St. Louis Children’s Hospital

United Way drive tops $360,000

Trustees meet Dec 5, 1997: Jerome Sincoff as Shepley Trustee

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Sincoff will serve a four-year term as a

Sincoff is president and CEO of

Shepley Trustee, a position named in honor

the Emerson Foundation and Charles F.

CFU Accountant

Accounting Services, Require-

Sincoff has been active in numerous

Sincoff is president and CEO of

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guides the firm’s overall corporate goals and
development. He has served as project executive for

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