NASA to launch student satellite

By Tony Fitzpatrick

I
tall goes as planned, NASA will launch a student-built satellite Sept. 17 from the Atlantic Ocean test site in Kodiak.

The satellite, named Sapphire, was built by the Space Systems Development Laboratory (SSDL) of Stanford University in 1998. However, over the past year, dozens of Washington University students have worked with Michael Swartwout, Ph.D., assistant professor of mechanical engineering, on final integration and testing and on a radio tracking system that can receive and record data from the satellite twice per day.

The antenna for the system is on the roof of Leopold Hall on the Hilltop Campus. The University’s Amateur Radio Club has donated equipment space to the project. Mission control will be in Leopold Room 1024, site of the Arts laboratory directed by Keith Bennett, affiliate professor of computer science and Project Arts coordinator. Bennett has assisted Swartwout and his students in the Sapphire project with logistics and antenna construction.

“We’ll have a case of the jitters at launch time,” says Swartwout, who will welcome 12 new students to the Sapphire project this fall. “But this has been such a fun and educational project with more good things to learn as the mission continues. Hopefully, people at Washington University will be able to watch the launch on NASA Select TV.”

Swarzwout said he is negotiating with the University’s cable services to get the NASA TV channel on cable the day of the launch.

The Sapphire mission combines education, amateur radio outreach and technology demonstrations. Sapphire is being sponsored for this launch by the Department of Defense Space Test Program. The spacecraft will be operated by the U.S. Naval Academy in Annapolis, Md.

See Sapphire, Page 6

Law speakers series features Brockovich

By Ann Nicholson

A consultant for South Africa’s post-apartheid constitution, the national chair of Common \’s Select TV, Bok is serving as the national chair for the governing board of the Institute for Global Legal Studies at Harvard University, on “Markets and Antitrust: The Role of Lawyers” series in Anheuser-Busch Hall.

• 3 p.m. Thursday — Adrienne K. Wing, professor of law at the University of Iowa, on “Global Critical Race Feminism: Legal Reform and U.S. Law.”

Lotus-Creeper Wing served as a constitutional adviser to the African National Congress and the Palestinian Legislative Council, and is editor of the books “Critical Race Feminists” and “Gender and Sexuality in Work.” She is a fellow at the University’s Institute for Global Legal Studies in co-sponsoring her lecture.

• 4 p.m. Oct. 2 — Derek C. Bok, the 300th Anniversary University Professor, president emeritus and former law dean at Harvard University, on “Markets and Mindwars: Competition Harms the Practice of Law (and Other Intellectual Pursuits)?” Bok is national chair for the government watchdog group Common Cause and co-author of the book “The Shape of the River: Long Term Consequences of Considering Race in College and University Administration.”

• 9 a.m. Oct. 5 — Erin Brockovich, director of environmental research at the law firm Massey and Vititoe, “A Conversation with the Real Erin Brockovich.” Subject of the movie See Law speakers, Page 6

Inside: Writer, art critic Dave Hickey to give Assembly Series talk Wednesday

Medical News: New grant to fund growth and overgrowth research program

Washington People: George Burris has expertly handled his many responsibilities

‘Irreplaceable dance treasure’

McKayle to talk, present work

By Liam Oppen

From Broadway to television to Broadway again, Donald McKayle has pretty much done it all. A dancer in the original production of “West Side Story” (1957), McKayle has choreographed numerous works for stage and screen, directed the popular television program “Good Times,” and won critical laurels for several major Broadway productions.

Through Sept. 15, McKayle is serving as a Distinguished Visiting Scholar at the University. He is conducting master classes and is teaching students in his work “Rainbow Etude” for the upcoming Washington University Dance Theatre concert. (The annual showcase show will be Nov. 30-Dec. 2, presents professionally choreographed works performed by students from the dance program in the Performing Arts Department in Arts & Sciences.) McKayle will lead one open master class in “Intermediate Modern Technique” from 11 a.m.

McKayle: Part of Assembly Series

See McKayle, Page 6

Sept maps cellular structures’ electrostatics

By Tony Fitzpatrick

David S. Sept, Ph.D., assistant professor of biomedical engineering, has helped enable collaborators at the University of California, San Diego (UCSD), to map the electrostatic potential of a microtube, a key cellular structure involved in intracellular transport.

Electrostatics describe the way in which the landscape of electrical charges are laid out in a molecular environment: for example, the electric forces that drive the binding of drugs or proteins to microtubules or that place an RNA molecule on a ribosome during translation of genetic information.

The researchers have mapped both a microtubule and a ribosome, structures that make proteins, using a new computational and experimental technique that exceptionally well with very large biomolecular systems. These maps could enlighten researchers about the structure and function of these large macromolecules, including how a drug like taxol, used to treat breast cancer, binds to microtubules.

Sept created a model of a microtubule on the order of 1.2 million atoms. Using this structure, he and his UCSD colleagues applied a new algorithm that allowed them to solve the Poisson-Boltzmann equation by using this new algorithm, they were able to increase the speed of creation of the maps.

See Electrostatics, Page 6
Wiens shows deep earthquakes come in 2s

By Tony Fitzpatrick

Seismologists now know that deep earthquakes, like a baseball immortal Ernie Banks liked to: "Play two today." Douglas A. Wiens, Ph.D., professor of earth and planetary sciences in Arts & Sciences, has seismographic evidence that many deep earthquakes in the Tonga and Fiji islands occur at the same spot repeatedly and often recur in pairs. The second earthquake generally has the same magnitude and follows the first within one day. These earthquake doubleheaders are not for earthquakes at shallow depths, such as along the San Andreas Fault. These results may imply that earthquakes deeper than 300 miles do not represent brittle slips along a fault, as do shallow earthquakes that can be studied more readily. The results were published in the Aug. 24 issue of Science. The research was supported by the National Science Foundation.

"We noticed some deep earthquake seismograms were identical, showing precisely the same pattern of wiggles each time," Wiens said. "Our executive vision introduces first-year college students to community service. Helping Stratton are freshmen Stephanie Moler (left) and sophomore Michelle Miller. At right, freshmen Alan Barratt (left) and Brian Loyd help pull weeds at Mitchell Elementary School. More than 800 students and faculty volunteers helped clean and renovate St. Louis Public Schools.

The following incidents were reported to University Police Aug. 29-Sept. 3. Readers with information that could assist in investigating these incidents are urged to call 911-5000. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at rec.pafw.wustl.edu.

Aug. 31

4:20 p.m. — A person was walking near the Mallinckrodt Student Center when someone took her wallet containing $25 and credit cards. The wallet was in an open handbag hanging from the person's shoulder. She did not notice the suspect reach in and grab the wallet. The theft occurred Aug. 29 between 8:15-8:30 p.m.

Sept. 1

1:50 a.m. — Seven students were caught in a room in the Elizabeth Gray Danforth House. No glasses or medications were stolen. The students were referred to the Judicial Administrator.

Sept. 2

3:05 a.m. — A University staff member reported that a laptop computer was stolen from her locked car parked in front of Anheuser-Busch Hall. Total loss is valued at $3,000.

Additionally, University Police responded to two reports of theft and automobile accidents, two reports of vandalism, and one report each of outstanding arrest warrant, alcohol violation, and peace disturbance.

Putting Service First

Above, Jill Stratton (right), assistant professor of earth and planetary science and Lisa Stratton, her assistant professor, introduce first-year college students to community service. Helping Stratton are freshmen Stephanie Moler (left) and sophomore Michelle Miller. At right, freshmen Alan Barratt (left) and Brian Loyd help pull weeds at Mitchell Elementary School. More than 800 students and faculty volunteers helped clean and renovate St. Louis Public Schools.

Seismic doubleheader

Wiens said the find supports the "ductile shear zone model." In this idea, deep earthquakes are produced by viscous dissipation, along a slipping zone. During a earthquake that introduces first-year college students to community service. Helping Stratton are freshmen Stephanie Moler (left) and sophomore Michelle Miller. At right, freshmen Alan Barratt (left) and Brian Loyd help pull weeds at Mitchell Elementary School. More than 800 students and faculty volunteers helped clean and renovate St. Louis Public Schools.

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Mini-Medical School returns this fall with new offerings

T he University’s Mini-Medical School is being offered again Sept. 25- Nov. 13. The eight-week course is open both to University employees and the general public. It is taught on Tuesdays from 7-9 p.m. in the Health Sciences Learning Center, 320 S. Davies Ave. Enrollment this fall will be limited to 110 participants.

Medical school professors teach the course. The course includes lectures on emergency medicine, health-care financing and various diseases in addition to some hands-on training. Attendees practice suturing techniques, discuss medical ethics and gain minimally invasive surgical instruments.

Information is presented in an easy-to-understand, informal style, and discussions of complex topics are able to talk with faculty after lectures; refreshments are provided. The fee to attend is $75.

The medical school will also offer a more advanced course, Mini-Medical School III, presented for the first time this fall. Scheduled for Thursdays starting Sept. 20, this advanced course also is limited to 110 participants. Mini-Medical School III features lectures by department heads, world-renowned researchers on such topics as lung transplant and joint replacement followed by formal interviews with patients. Students also will tour the new Rehabilitation Institute of St. Louis. Cost is $85, and priority will go to graduates of the earlier courses.

For more information or to register for either course, call 362-2354.
Architecture's Monday Night Lecture Series hosts international lineup

By LAM O'TEE

An international array of architects will present their work at the University this fall as part of the School of Architecture's Monday Night Lecture Series.

All lectures are free and open to the public and begin at 7 p.m. in Steinberg Auditorium in the School of Medicine.

The series begins Sept. 7 with Finnish architect Juhani Alanen, visiting associate professor at Washington University. Born is author of "The Other Helsinki: In Search of Reverse Face of Architecture in the City," (1996), which won first prize in the Finnish national courtyard contest.

The book was nominated for the Finnish Prize for Science Books and received honorary mentions from the Science Book Society of Finland in 1996 and The Year and The Beautiful Book of the Year. Recent projects include the Restaurant Oasis, a boat harbor and a hotel on Helsinkislahden and The Artik House at Tuusula Housing Fair, near Helsinki.

Artist and designer Maya Lin will_link_The University of Illinois College of Architecture Assembly at 11 a.m. Wednesday, Sept. 26 in Graham Chapel. As a student at Yale University, Lin won the design competition for the Vietnam Veterans Memorial in Washington, D.C., the most-monumental monument in the country.

The series continues Oct. 7 with Steven Holl, who has currently designed a $30 million renovation and expansion to the Nelson Atkins Museum of Art in Kansas City. Holl was recently named America's Best Architect by Time magazine. His boldly configured designs put a premium on structural inventiveness and immediate impact. Early projects include the Pace Collection Showroom, New York (1983), the American Memorial Library, New York (1984), and an open competition to design the Helsinki Museum of Contemporary Art in Finland, completed in 1998. (Juhani Pallasmaa, professor of architecture at the University of Illinois at Chicago, will present a lecture on the project."

On Tuesday, Oct. 9, Dan Hennesey, former director of architecture at Stanford University, will discuss "From the Edge of the Horizon: A Rationally Designed Prototype of a Molecular Motor." T. Ross H. Shu, professor of astronomy, University of California, Berkeley, will discuss "The Role of Lipids and Lipid Secretion in Microbial Pathogenesis Seminar series."

On Tuesday, Oct. 16, Kengo Kuma & Associates, Tokyo, will discuss their work Tuesday, Oct. 16. Kuma is renowned for his sensitivity to site, creating works that seem to disappear effortlessly into nature. Signature projects include the Mainelon Resort, Resort Charlottenlund in Denmark (1991), the Tokyo Lakeside Hotel, Keio University, Japan (1996), the Nog Stage in Foritt, Miyagi (1996) and the Astro World Pavilion, Burling (1995).

Daniel Libeskind, architect of the Jewish Museum in Berlin (opening Sunday) and the spirial transition to the Albert and Mary Lasker Foundation, will discuss his work Tuesday, Oct. 17, Libeskind, who was Hoffmann's principal architect at Washington University and author of "Stalking Detroit" (2001), which both examines city and sets forth a series of proposals for its rejuvenation.

Libeskind's latest work is the expansion and renovation to the Jewish Museum in New York (1993), known as one of the world's most radical designs. Libeskind was a visiting professor at the Cranbrook Academy of Art, will discuss his work Tuesday, Oct. 30, Burns directs the Center for Affordable Housing Studies. Recent completed buildings include a day-care and residence addition to a women's shelter in Rockport; the Wiessmann Institute Museum in Museph on Cape Cod; and a new social hall for the Episcopal Cathedral in Kansas City. Burns directs the Harvard Institute of Affordable Housing Studies. Their current development program for designers, developers and local social service agencies to work on an entrepreneurial level, aiming at a self-sustaining project. Students will design and oversee the manufacturing of housing units in Rhode Island.

For more information or to request a brochure, call 935-6293.

The series concludes Nov. 19 with Carol Burns, a founding professor of "Design for the Social Good." Burns will present "A Rationally Designed Prototype of a Molecular Motor," with Pallasma) and the Connec-
WGW fall lecture series addresses leadership, pressing social issues
By ANN NICHOLSON

The George Warren Brown School of Social Work's fall lecture series will span topics from the leadership role of today's social workers to pressing social issues such as federal housing policy, faith-based organizations and social service delivery, and political challenges to advocacy. The lectures, which are free and open to the public, are held at 7 p.m. on Thursdays in Brown Hall Lounge. For more information, call 935-4909.

Saturday, Sept. 15
3 p.m. Women's soccer vs. Fortbonbe College, FB. 892-9330.

Monday, Sept. 17
11 a.m. Women's soccer vs. Westminster College, FB. 973-4689.

Tuesday, Sept. 18
7 p.m. Volleyball vs. Westminster College, FB. 973-4689.

Wednesday, Sept. 19
5 p.m. Women's soccer vs. Fortbonbe College, FB. 892-9330.

Thursday, Sept. 20
7 p.m. Men's soccer vs. Carlow College, Northfield, MN. Francis Field. 933-5230.

Friday, Sept. 21
4 p.m. Volleyball vs. Westminster College, FB. 973-4689.

Saturday, Sept. 22
11 a.m. Women's soccer vs. Carlow College, Northfield, MN. Francis Field. 933-5230.

Women's soccer crushes Cornell, 8-0
The season opener was a good one for the women's soccer team as the Bears blitzed Cornell 8-0, Sunday in Mount Vernon, Iowa. Senior Lauren Mayer stepped up and was named all-tournament as she scored from 30 yards out on an assist from Brenda Harpole at 1:45, the first goal of her career. Mayer served the ball into the box and after the two teams battled through two scoreless overtime periods, (the game officially goes down as a tie.)

Men's soccer battles tough at Wheaton
The men's soccer squad pounded out a solid 2-0 win against Rend Lake College in the opening game of the College of Pennsylvania in Aug. 01, the first round of the Bob Baptista Invitational at Wheaton. The Bears took the lead on a header from Brandon Pierce on a free kick and Scott Siebers assisted on the second goal to seal the win. Giles Bissonnette made four saves in goal and kept the shutout. On Saturday, the Bears tied 0-0, which was good enough for a second place finish and running it back 99 yards for a score and scooping up a blocked Westminster punt after the two teams battled through two scoreless overtime periods. (The game officially goes down as a tie.)

Sports

Friday, Sept. 7
4 p.m. Volleyball WU Classic vs. Westminister College, FB. 892-9330. Field House, Field House, 933-5230.

Saturday, Sept. 8
10 a.m. Volleyball WU Classic vs. Westminster College, FB. 892-9330. Field House, 933-5230.

1 p.m. Men's soccer vs. Westminster College, FB. 973-4689.

9 p.m. Football vs. Mt. Vernon, IA. WU Stadium. 933-5230.

Two men's soccer vs. Westminster College, FB. 973-4689.

Monday, Sept. 10
7 p.m. Women's soccer vs. Carlow College, Northfield, MN. Francis Field. 933-5230.

Tuesday, Sept. 11
9:30 a.m. ScienceDirect. "Who resources for the World's Scientific, Technical and Medical Community." (Also Sept. 12, same time) - (Co-sponsored by the Bernard Becker Medical Library and ScienceDirect.) (Also sponsored by ScienceDirect.) 933-4916.

Wednesday, Sept. 12
4 p.m. Women's soccer vs. Westminster College, FB. 973-4689.

Saturday, Sept. 15
11 a.m. Women's soccer vs. Westminster College, FB. 973-4689.

Terry Mizrahi, executive director of the St. Louis Housing Authority, on "The Influence of Relocated Housing Policy on the Provision of Social Services to Low Income Residents." Mizrahi has been credited with enabling these people to live in adequate housing and making positive changes within the authority's delivery of services and low- and moderate-income public housing programs for the city of St. Louis.

Saturday, Sept. 15
11 a.m. Women's soccer vs. Westminster College, FB. 973-4689.

And more...

Saturday, Sept. 8

11 a.m. Women's soccer vs. Westminster College, FB. 973-4689.

Saturday, Sept. 8
7 a.m. Community Development workshop. "Building Your Future as a Social Worker." Governor's Conference. 933-4916.

Saturday, Sept. 8
5:30 p.m. Women's soccer vs. Westminster College, FB. 973-4689.

Sunday, Sept. 9
11 a.m. Women's soccer vs. Westminster College, FB. 973-4689.

Sunday, Sept. 9

11 a.m. Women's soccer vs. Westminster College, FB. 973-4689.

Monday, Sept. 10
7:30 p.m. Men's soccer vs. Westminster College, FB. 973-4689.

Tuesday, Sept. 11
8:00 p.m. Basketball. "First Weboe." (Also, same time) - (Co-sponsored by the Bernard Becker Medical Library and ScienceDirect.) 933-4916.

Wednesday, Sept. 12
5:30 p.m. Women's soccer vs. Westminster College, FB. 973-4689.

And more...

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**Satellite**

The 50-pound Sapphire is made of four stacked aluminum honeycomb trays with six solar panels that are attached to solar panels on the top and bottom. These solar cells, together with the nickel-cadmium battery pack, generate an average of eight watts. Most of Sapphire’s components are commercial electronics, modified and tested on space flight. The onboard computer is a student-written operating system.

Sapphire and other spacecraft, one sponsored by NASA and two by the Department of Defense, will be launched by a Lockheed Martin Atlas III rocket that is approximately five stories tall.

Sapphire is designed for one year of operation and will orbit Earth at an angle of just over 500 miles above the surface. Travelling at more than 16,000 mph, it will pass the University’s radio antenna two to three times per day.

University students, under the guidance of Dr. Kees, will be performing initial checkout of the spacecraft after launch and supporting the Naval Academy as backup operators. A part of the spacecraft’s separation system—which pushes from the rocket—weighs just 29 pounds.

Sapphire’s primary mission is to test the camera sensor developed at Stanford University called a tunneling hot electron microscope. So small that it fits on a microchip, the THED operates at room temperature but the heat it can detect is well contained in the vacuum and radiation found in space. Sapphire operators will monitor its behavior and send data back to the professor who developed it.

Also, an inexpensive digital camera will be able to record geographical features. And the Beacon Monitoring System, developed by Swartwout and a colleague at Santa Clara University, will conduct experiments. The system is an experimental method for automatically measuring spacecraft health and retransmitting the information to operations in mission control using a network of low-cost receiving stations.

"The beacon system is a way for the spacecraft to take care of itself," Swartwout said. "It’s a very labor-intensive process on the ground to do this now. We want to see if the system will send us data only when it’s important for us to look on it." This is the first time these instruments will be tested in space. SSDL and Swartwout started on Sapphire in 1994 while he was a graduate student and completed the spacecraft in 1998. During that time, SSDL also started another project, Opus, which launched in 2000.

Swartwout had joined the University in 1984.

While he would like to attend the launch, which is far less distant than the launch of a manned mission—Swartwout wants to be at his mission control site to see through things.

"This is the first space mission that I’ve been involved with prominently, though we learned a lot from the Opal experience," Swartwout said. "From a student perspective, it’s a fantastic experience to learn all of these things. While I’d love to see it launch, I’m one of the few who now know all of the details of the equipment and logistics, so it’s pretty important to be here to get things rolling.

Sapphire is scheduled to enter its orbit somewhere off the east coast of Africa. Locked Martin will have a signal that confirms the spacecraft was released.

"We’ll have to wait the better part of a day — about 16 hours — when it tracks over here to confirm if we got the spacecraft in on and is working," Swartwout said. "That will be a nerve-wracking time."

**Law speakers**

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**District of California, on "Social Change, Judicial Activism and the Public Interest Lawyers"**

Henderson is a former attorney with the U.S. Department of Justice, and former state attorney for the East Bay Northern California, who where he practiced Environmental law. His landmark decisions have sparked issues related to the rights of VIPs, veterans exposed to Agent Orange, Federal Railroad workers, and the “Mammoth Protection Act.” Henderson is an active supporter of affirmative action measures for minority contractors, and a U.S. Department of Justice anti-polygamy policy against gay and lesbians.

Speakers in the spring lineup include the late Anthony McKenzie, New York University law professor and author of “Stopping Usual Suspects: Race and the Fourth Amendment”.

Michael Swartwout, Ph.D., assistant professor of mechanical engineering, working with students on the satellite Sapphire (right), which launched in 2000.

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Michael Traynor, president of the American Law Institute and an expert in biotechnology law, and civil rights lawyer Morris Dees, co-founder of the Southern Poverty Law Center, whose lecture will be in Graham Chapel on April 28. Traynor’s landmark decisions have sparked issues related to the rights of VIPs, veterans exposed to Agent Orange, Federal Railroad workers, and the “Mammoth Protection Act.” Henderson is an active supporter of affirmative action measures for minority contractors, and a U.S. Department of Justice anti-polygamy policy against gay and lesbians.

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Acoustic City fall 2001 concert series

The University's Acoustic City fall 2001 concert series will bring nationally touring acoustic artists and accomplished singer-songwriters to the St. Louis area. All shows are open to the public and are free for University students, faculty and staff.

Sept. 1: Eddie From Ohio will perform at 8 p.m. at the Gargoyles in Mallinckrodt Student Center. Sing Out magazine called this group "contemporary folk on steroids." Tickets are $12 in advance, $14 at the door.

Oct. 1: Meston Frett. Boston folk rockers, will perform at 8 p.m. at the Gargoyles in Mallinckrodt Student Center. Tickets are $12 in advance, $15 at the door.

Nov. 6: Iris Dement, heartfelt vocalist and honest story-teller, will perform at 8 p.m. at the Sheldon Concert Hall in St. Louis. Tickets are $18 in advance, $22 at the door.

Dec. 3: Peter Mulvey and Karen Sawcom will perform at 8 p.m. at the Schlafly Place in Washington University Student Center. Tickets are $10 in advance, $14 at the door.

Tickets can be purchased in advance by calling MetroX at 334-5000. For more information on the Acoustic City series, e-mail Jill Stratton, associate director of residential life, at j stratton@restech.wustl.edu.

South 40 Fitness Center offers fall classes

Do you want to get fit, relieve stress or increase strength this semester? The South 40 Fitness Center has just what you're looking for. The center has assigned its faculty and staff exercise class schedule for this semester, a wide range of classes will be offered.

Special classes at the center include Pilates mat training and massage therapy. Pilates, a unique method of stretching and strengthening exercises, will be held in two sessions from 6:30 p.m. on Wednesdays. Session I is from Sept. 12-Oct. 17; Session II is from Oct. 24-Dec. 5. Each session is $72 for students and $90 for the faculty and staff. An introductory session, a prerequisite for Session II, will be Sept. 23 from 1-3 p.m. Cost is $24 for students and $30 for others.

No refunds are given after the classes start, and participants must register at least a week in advance of the first class. Massage therapy will be held on Fridays from noon-4 p.m. Sept. 14-Nov. 30. A licensed massage therapist will be giving massages. The cost is $15 for 15 minutes or $25 for 30 minutes.

To sign up, visit the center during hours of operation, (Monday-Thursdays 7 a.m.-midnight, Friday 7 a.m.-9 p.m., Saturday 10 a.m.-9 p.m., Sunday 1 p.m.-9 p.m.). (cash or check) Payment must be made at time of scheduling. Participants can sign up for an individual session or a whole block of sessions.

Drop-in classes run Sept. 10-Dec. 1. Cost is $5 for a one-class pass to $60 for an unlimited class package. Classes include step aerobics, yoga, kickboxing, the lunchtime lift, cardio funk and hip-hop, among others. Times and locations vary. To register for a class to obtain a full schedule of classes, call the South 40 Fitness Center at 935-5023 or e-mail fitness@restech.wustl.edu.

University's food ranked 2nd in nation

Washington University is not only a great place to learn and work, it's a great place to have a meal, according to the Princeton Review. Its Best 311 Colleges 2002 named the University as the nation's second-best campus for food.

The top spot was taken by Wheaton College of Illinois, another university contracted with Bon Appétit, Washington University's food service provider.

Last year, the University ranked fourth in the nation for food service satisfaction. Greg Teague, diocesan director of Bon Appétit at the University, attributed the rise to the addition of new franchises like Taco Bell, the addition of wraps at Uras's Café and the vegetarian sushi in the food court in Mallinckrodt Student Center.

Teague said that providing diverse food choices has been a priority of dining services. Often that diversity includes international flavors, like the wraps at Uras's, sushi and the availability of a five-day fast on campus.

Teague said that dining services in Smak are transitioning to a service where they will feature a wide range of food choices, from kosher sandwiches to Mexican flavors to Asian.

"We just try to be responsive to student needs," Teague said. "When they speak, we listen.

Every year we add a few things to the menu to correspond to student, student, staff and faculty needs."
George Burris, director of off-campus housing, loves the diversity of his job

Quadrangle Management. He also began managing the University's nursery school. At this point, Burris ended his food service management duties while also managing the University's West Campus facilities and the private residences owned by the University on Forsyth Boulevard. In the last three years, Burris has purchased 124 apartment buildings containing more than 1,000 units in the area as part of the off-campus housing program. Burris' range of experiences has made it easy for him to stay at the University for more than 30 years.

"I love the diversity of the job," Burris said. "Not only have I had a lot of difficult assignments that have been exciting, fun and educational, but my days are just so different. I could be talking with store workers, dealing with commercial property issues or working with the faculty and staff. It just depends on the day." He has expertly handled his wide variety of responsibilities at the University.

"George is a man of many talents," said Richard A. Roloff, executive vice chancellor. "In his quiet, efficient manner, he accomplishes a great deal. George is willing to take on every new challenge presented to him, and considering the enormous variety of his responsibilities, it is impressive to see what he gets done."

The food and housing services on the University's campus have changed over the past three decades.

"University housing consists of dormitory-style housing with double rooms and large group bathrooms," Burris said. "Now, students are coming from entirely different experiences, and we are building housing to meet students' needs."

Under Burris' leadership, the University's food services have also undergone similar changes.

"When I began at the University, there were limited food options available to the students," Burris said. "One year after I started at the University, food service expanded to campus, and in the mid-'70s, the variety of food began to be offered to students." Burris credited the idea for the Umrathkeller, "the Rat," a popular student hangout and entry. Its success led the Rat to be featured on the cover of Missouri Restaurant Magazine.

In 1990, Burris helped develop proposal to build the Seeley G. Mudd and Park House residence halls, the first additions to the South 40 since 1962.

National leader

While Burris is considered a leader throughout the University, he also is considered a national leader in college services administration.

The National Association of College Auxiliary Services (NACAS) has elected Burris president for the 2001-02 term. He will take office in November.

Burris has been an active member of NACAS for more than 20 years, serving as a Midwest regional representative to the national board, a member of numerous national committees and most recently, the organization's vice president.

"Auxiliary services is a dynamic, growing and changing field, and that makes it a challenging and rewarding field to be working in," Burris said. "To me, the value of NACAS is learning through continuing education from other people through the friendships that you develop."

Burris has attended his first national NACAS meeting in 1979, his first NACAS regional meeting in 1983, and every meeting ever since. He served as a host chairman of the NACAS 25th annual meeting in St. Louis.

Burris is looking forward to his upcoming role in NACAS.

"I'm excited about the opportunity to serve," he said.

Outside the University

Burris leadership extends far beyond the University and NACAS. He has served as chairman of the board, elder and chair of many committees for his family's church. Burris also served as the moderator for an area-wide church.

In addition, Burris has served for the past four years through the National Benevolent Association on a joint venture to build housing for the mobility-impaired. The National Benevolent Association helps provide services and housing for the elderly and mentally or physically impaired. Burris' wife, Pat, works at the National Benevolent Association as the assistant to the president.

Burris' time outside of work and the church is filled with fun and cultural experiences and learning. He has expertly handled his wide variety of responsibilities at the University.

"To me, one of the greatest things about the University is the people," Burris said. "There have been thousands of people that I have met and worked with at the University over the years, and everyone's been wonderful. I think the diversity in the student body and the staff at the University gives you a great opportunity for cultural experiences and learning."

"I've been involved in the association since 1979, and I see it as a very beneficial association for me and it has been to many other people that I know. I look forward to being able to continue to give back."