Two biomedical engineering degrees to be offered next fall

Next fall, the School of Engineering and Applied Science will welcome its first class of undergraduate students embarking on the pursuit of two new degrees offered at Washington University.

An estimated 50 seniors will set their sights on either a bachelor's of science degree in biomedical engineering (BS-BME) or a bachelor's of science degree with a major in biomedical engineering concepts, methods and techniques, while a minor in biomedical engineering is carried out in four of our departments — chemical; computer science; electrical; engineering departments — chemical; computer science; electrical; engineering and physical sciences; computer science; electrical; engineering and physical sciences; computer science; electrical; engineering and physical sciences.

The new degrees will be offered initially by an interdepartmental program headed by Salvatore Sutera, Ph.D., professor and chair of mechanical engineering. Depending on the identification of resources, the engineering school plans to open a Department of Biomedical Engineering within two years. This new department would join the seven existing engineering departments — chemical; civil; computer science; electrical; engineering and physical sciences; computer science; electrical; engineering and physical sciences; computer science; electrical; engineering and physical sciences.

The new department will be established in conjunction with the university's new College of Arts and Sciences, which will offer a new major in biomedical engineering.

For more information on the new degrees, contact the University's Office of Communications at 314-935-4900.

University gives ‘green light’ to environmental program

The EPA’s Green Lights Program is a voluntary pollution-prevention program in which participating organizations agree to upgrade 90 percent of their facilities’ square footage with energy-efficient lighting within five years. In turn, the EPA agrees to provide training programs and public recognition. To date, Green Lights partners have been featured in the Wall Street Journal and Fortune, Forbes and Business Week magazines for their efforts to fight air pollution. "It wasn’t a difficult decision," said Ed McMullin, manager of technical operations in the Department of Facili-

the facilities department signed with the EPA for a green light to the university’s building program. The agreement will result in a 15 percent reduction in energy consumption and a 15 percent increase in productivity. The agreement also includes a five-year plan to reduce greenhouse gas emissions by 20 percent. The university will also participate in the "Green Lights" program, which is designed to reduce energy consumption and improve employee productivity. The university has already reduced its energy consumption by 15 percent and plans to reduce it by 20 percent by 2010. The university will also participate in the "Green Lights" program, which is designed to reduce energy consumption and improve employee productivity. The university has already reduced its energy consumption by 15 percent and plans to reduce it by 20 percent by 2010.

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A long-term study suggests that memory is not an inevitable part of growing older
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Patrick Cole, M.D., believes his patients will see better results if they are invested in their care
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The School of Art’s annual fashion show hits the runway May 5 at the Saint Louis Galleria

Continued on back page

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Medical Update

Long-term study suggests senility not inevitable part of aging

Alzheimer’s disease, which robs men and women of memory and personality, becomes increasingly common with age — with up to one in two people succumbing by age 85. So as Alzheimer’s research progresses, so do other fears of neurologists and Stroke at the grant from the National Institute of Neurological Disorders and Stroke to encourage injured nerves to regrow. This system development and may suggest ways to improve nerve function. Sanes and collaborators have identified a five-year $4.1 million project that will allow Sanes and colleagues to focus on how nerve connections to muscle are regulated and the roles of interaction domains in these connections. The four collaborators are: Sanes; Jeffrey W Lichtman, M.D., Ph.D., professor of neurology and of anatomy and neurobiology; and Medha Gautam, professor of molecular biology and pharmacology. The council serves as its board of directors. Kipnis was elected to the National Academy of Sciences, has been involved in National Aeronautics and Space Administration projects to study the effects of space on animals.

The Anatomy Awards

In the 1996 first-year class show, students David Dorr, left, and Matt Moore present one of a number of “anatomy awards.” During the parody of Oscar night, some of the awards were for Wackiest Metabolic Disorder, Beast Male Pattern Baldness in the Field of Medical Education and Best Exam Question and Answer.

Kipnis elected to council of National Academy of Sciences

David M. Kipnis, M.D., Distinguished University Professor of Medicine and professor of molecular biology and pharmacology, has been elected to a three-year term on the council of the National Academy of Sciences. Election to the National Academy of Sciences is the highest honor for scientists in the United States and is bestowed only on individuals who have made outstanding contributions to the advancement of science.

Kipnis is internationally renowned as a pioneer in diabetes research, focusing on the mechanisms of sugar and amino acid transport and regulation of insulin release by islet cells in the pancreas. His work has been cited for many honors, including the Endocrine Society’s Ernest Oppenheimer Award and the American Diabetes Association’s Lilly Award. Kipnis was head of the Department of Internal Medicine at Washington University School of Medicine from 1983 to 1992. During that time, the department became recognized nationally and internationally as one of the foremost academic centers for research and clinical training. He also played a major role in establishing the Washington University Biomedical Research Agreement — the largest research collaboration between an American company and an American university. He still directs the agreement.

Kipnis now devotes most of his time to research as well as work with foundations and corporations.

Kipnis came to Washington University in 1955 as an American College of Physicians Research Fellow to study under Nobel laureate Carl F. Cori, M.D.

Seminar highlights animals in space

The use of laboratory animals in space exploration will be the subject of a seminar at 5:30 p.m. Wednesday, May 1, in Moore Auditorium, on the first floor of the North Building, 4580 Scott Ave.

Gary Borkowski, Ph.D., D.V.M., director of laboratory animal medicine at the State University of New York Health Sciences Center, will give a lecture titled “Research Space: Life Sciences Research.” Borkowski has been involved in National Aeronautics and Space Administration projects to conduct research on animals in space.

The seminar is sponsored by the Metro St. Louis branch of the American Association of Laboratory Animal Science. For more information, call 362-4516.

How nerve connects to muscle focus of studies

“Those connections are key structures in the nervous system and play important roles in different aspects of the nervous system. They also play important roles in learning,” he said. As well as linking nerve to muscle, they route information through the brain and play important roles in learning.

The four collaborators are: Sanes; Jeffrey W Lichtman, M.D., Ph.D., professor of neurology and of neurobiology; William D. Snider, M.D., Ph.D., associate professor of neurology and of anatomy and neurobiology; and Medha Gautam, Ph.D., research assistant professor in molecular biology and pharmacology.
Cole goes beyond patient care—she nurtures

Patricia Cole, M.D., grew up wanting to be a hairdresser. "To me, it was the most glamorous job in the world," she said. "My mother used to go to every Friday and would come home looking beautiful, feeling relaxed and in a good mood. I thought, 'This must be a great job.'" Instead, Cole is an associate professor of medicine at the School of Medicine and director of the Cardiac Catheterization Laboratory at Barnes-Jewish Hospital, North Carolina.

Physicians in the cardiac lab treat patients who have various heart problems with interventions using minimally invasive therapies. "I love it. I do complex interventions—stents and balloon angioplasty," she said. Cole has directed the cardiac cath lab for more than 10 years, one of the enjoyment for the job is evident. "It is just a pleasure," she said. "I'm very lucky and very grateful to be able to find a problem and fix it. It's rewarding, and you often get excellent outcomes. The patients, for the most part, are extremely grateful. You actually help them, and they appreciate you when you're done."

Making people feel good is a career priority for Cole. However, medicine was not her first career choice after high school. She originally studied psychology and was on her way to a graduate degree when she became discouraged with the program and decided to go to medical school.

The decision was not an easy one. She remembers sitting down at the breakfast table one morning with her husband, Washington People

Their hearts. The blood thinners can cause malformations in developing babies. "When these women want to get pregnant, they were told by their physicians, 'No, you can't.' Now we work with them, put them on a heparin (a different blood thinner) pump through their pregnancies, and they have normal, wonderful babies," she said.

She also has treated a series of women with a condition called peripartum cardiomyopathy, a weakness of the heart muscle that develops during pregnancy. Women with this condition often are told never to get pregnant again. But with careful monitoring, they've been able to get pregnant and have had successful pregnancies. Cole said there are very few cardiac conditions that are contraindications to pregnancy. "I've had women who had heart attacks at age 27 that have subsequently had healthy babies," she said.

Working with these patients is especially satisfying because of their gratitude, she said. "They send me pictures of these unbelievably cute babies who wouldn't be here otherwise. It's very rewarding," she added.

She sees a large population of female patients. "Being a female cardiologist almost gives you an instant practice," she said. "I think women like to go to other women (for care), and there aren't a lot of us out there practicing."

"My personal opinion is that you're never going to excel at something unless you love to do it. I have fun every single day. I love what I do."

Cole's predecessor held the job for 25 years, and Cole came in with new ideas for change. She started the Program for Women in Medicine, designed for female students and faculty to grow, learn and network. In part because of the support of William M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, the program had an important impact, Cole said. "By promoting the program and getting women interested at the student level, we were able to increase the number of female admissions to nearly 50 percent of the entering class," she said.

"She is truly amazing" Peck said Cole seems to excel in everything she undertakes. "She is truly amazing," he said. "She is diligent, responsible, caring, sensitive and thoughtful as a person and skilled as a professional."

Cole relinquished the student affairs position to assume her cardiology responsibilities. At some point she would like to return. There are other things she would like to return to, including sewing. "I used to sew everything we did," she said. At one time, she completed two years in Boston and then moved to St. Louis with her husband. Cole finished a residency training as an instructor at the School of Medicine.

Cole is on the clinical track and has been involved in medical research, evaluating drugs or protocols. Her primary area of interest is women and heart disease. She was co-chair of the American Heart Association's "Women and Heart Disease" committee. In addition, she has published and speaks about the topic often.

Cole is especially interested in high-risk pregnancies—cardiac patients who become pregnant. "I find the physiology extremely interesting," she said. "If you understand what happens in a normal heart during pregnancy, you can predict how an abnormal heart will respond."

She has treated several patients who have been taking blood thinners because they have metal valves in their hearts. The blood thinners can cause malformations in developing babies. "When these women want to get pregnant, they were told by their physicians, 'No, you can't.' Now we work with them, put them on a heparin (a different blood thinner) pump through their pregnancies, and they have normal, wonderful babies," she said.

She also has treated a series of women with a condition called peripartum cardiomyopathy, a weakness of the heart muscle that develops during pregnancy. Women with this condition often are told never to get pregnant again. But with careful monitoring, they've been able to get pregnant and have had successful pregnancies. Cole said there are very few cardiac conditions that are contraindications to pregnancy. "I've had women who had heart attacks at age 27 that have subsequently had healthy babies," she said.

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Washington People

Patricia Cole, M.D., explains the Judkins coronary catheter to cardiology fellow Errol Williams, M.D.
Calendar


M.E.A. Thesis Exhibition," Through May 3. Gallery of Art, Steinfeld Hall. Works available for purchase. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 935-4761.

"The French Sketch Show" Through May 31. Special Collections, Olm Library. Level Five, Hour. 8:30 a.m. 5 p.m. week-

Exhibitions

April 25–May 4

Cultural Events

Tuesday, April 25

9:30 a.m. Political and critical-care medicine lecture. The New Subjectivity," Isabelle McDonnell Medical Sciences Bldg. 362-2746.

4:15 p.m. Neuroendocrinology and Neural Biology, Livermore, Calif. Room 362-7043.

3 p.m. East Asian studies lecture. "La Double Vie de Veronique" (1991), with English subtitles. Room 162 McDonnell Hall.

7:30 a.m. International affairs lecture. "The New Chal-

5:30 p.m. Math colloquium. Topic to be announced. Dorota Janus, graduate student in mathematics.

Lectures

7:30 a.m. Immunology seminar. "The Regulation of Inflammatory Response by CD45 and CD45AP1 T Lymphocytes," Ellen Cahir McFarland, graduate student in immunological science. Room 362 McDonnell Medical Sciences Bldg. 362-3365.

4:30 p.m. Anatomy and neurobiology seminar. Topic to be announced. Michael Nane, assist. prof, of anatomy and neurobiology. Room 362-7043.

2 p.m. Math talk. Topic to be announced. Dorota Janus, graduate student in mathematics. Room 162 McDonnell Hall.

9:30 a.m. Obstetrics and Gynecology Round Gr

4 p.m. Biochemistry and molecular biophysics seminars. "Probing Macromolecules of Trichromat Inhibition Compl

7:30 a.m. Pediatric Grand Rounds. Topic to be announced. John Olney, olney prof, of medicine and Howard Hughes Medical Institute investigator, U. of California, San Francisco.


4 p.m. Biochemistry and molecular biophysics seminar. "Phagocytic Processing of Bacterial Antigens for MHC Restricted Presentation," John Flotte, assist. prof, of medicine, of molecular microbiol-

Monday, April 29

4 p.m. Biology seminar. "The New Chal-

7:30 a.m. Immunology seminar. "The Regulation of Inflammatory Response by CD45 and CD45AP1 T Lymphocytes," Ellen Cahir McFarland, graduate student in immunological science. Room 362 McDonnell Medical Sciences Bldg. 362-3365.

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4 p.m. Political science honors lecture/ convocation. Speaker is Alan Abramowitz, prof, of American politics and government. Room 200 Eliot Hall. 935-5810.


4 p.m. Biochemistry and molecular biophysics seminars. "Probing Macromolecules of Trichromat Inhibition Complexes Using Protein Footprinting and Fluorescence Spectroscopy," Thomasz Hayduk, prof, of biochemistry and molecular biology, Saint Louis U. School of Medicine. Cost: $8 for the general public; $6 for senior citizens, students, and WU faculty and staff. 935-5583.

8 p.m. Student playwright readings. The winners of the E. S.meter, Playwriting Competition will present staged readings of their plays. Continues April 27 at 2 and 8 p.m. and April 28 at 2 p.m. Drama Studio, Room 208 Mallinckrodt Center. Cost: $8 for the general public; $6 for senior citizens, students, and WU faculty and staff. 935-5583.

Saturday, April 27

8 a.m. Edision Theatre’s "OAVATIONS!" series presents Cameron of the 18th Cen-

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Women's tennis nets second-place UA finish

Hamstringing in its quest for a first-ever UA crowns, the women's tennis team placed second in last weekend's league championships held at the University of Rochester (N.Y.). The runner-up finish was the Bears' seventh in the nine-year history of the UA. After defeating the University of Chicago by a 5-1 score in the first round and fighting back to topple Brandeis University (Waltham, Mass.) 5-4 in the semifinals, the Bears were whitewashed 9-0 by Emory University (Atlanta) in the finals. Junior Maria Loinaz, WU's top player, was unable to compete in the finals, forcing each of the other Bears to make a difficult one-no-tie move up the singles ladder. In the semifinal win over Brandeis, the Bears gallantly overcame a 3-0 deficit after the doubles competition to win five of the six singles matches. Current record: 10-6

This week: Season complete, pending word of an NCAA bid.

Men's tennis places third in UA tourney

Seeded third in the UA's Men's Tennis Championships, WU's tennis team fell to its pre-tournament seeding by beating Case Western Reserve 4-3 in the third-place match. The third-place showing marked the eighth-consecutive year the Bears have placed either second or third in the eight-teams championship.

Emory University captured the UAA title, its seventh-consecutive crown. In the Bears’ other two UAA matches, they defeated the University of Chicago 4-2 before falling to the host school, the University of Rochester, 4-0 in the semifinal round.

Current record: 6-5

This week: 3 p.m. Friday, April 26, vs. Calvin College (Grand Rapids, Mich.) at Greencastle, Ind.; 2 p.m. Saturday, April 27, at DePauw University (Greencastle, Ind.).
Preparing to tour the campus
Margie Wulfert, left, a guest relations staff member, gives a packet of information to 18-year-old Venkat Mangunta and his mother, Lakshmi Mangunta. Venkat Mangunta, a senior at Smith-Cotton High School in Sedalia, Mo., was visiting campus during April Welcome, the annual monthlong event in which about a thousand prospective students get a taste of life at Washington University.

Institute offers writers chance to hone techniques
As writers who are committed to intensively exploring and advancing techniques in fiction, poetry or creative nonfiction need look no farther than their own backyard for skilled instruction by accomplished, award-winning authors.

The Washington University Summer Writers Institute, scheduled for June 17-28, brings together some of the best award-winning authors.

The program offers writers chance to hone techniques needed to craft successful and polished works of prose and poetry, said Doreen Salli, director of the institute and the University’s Writing Center. Tuition for the two-week program is $500. The Summer Writers Institute is a program of University College in Arts and Sciences.

Intensive workshops held every weekday from 9:30 a.m. to noon will be led by fiction writer Glenn Swann, a Webster University writing instructor and author of two novels; Jane O. Wayne, author of two collections of poetry, and Rockwell Gray, adjunct professor at South Washington and Webster universities and author of three nonfiction books.

Students also will attend a variety of afternoon sessions featuring a diverse group of writers who will read from their works and talk about their craft.

The following will talk on the topic: Tecton: William H. Gass, Ph.D., the David May Distinguished University Professor in the Humanities, director of the International Writers Center in Arts and Sciences and author of eight books; David Carkeet, professor of English at the University of Missouri-St. Louis and author of four novels; and Ethan Burnas, a Washington University doctoral candidate in comparative literature in Arts and Sciences and author of a book of short stories.

Donald Finke, professor emeritus of English at the University of Missouri-St. Louis, is director of the institute and an editor at the University of Missouri Press. Finke also is a contributing editor to Ploughshares.

Other guest authors include Gerald Early, Ph.D., Washington University’s Merle Kling Professor of Modern Letters, professor and director of the African and Afro-American Studies Program in Arts and Sciences and author of five books, and Catherine Rankovic, instructor in African and Afro-American studies and widely published in numerous literary magazines.

Special events include a panel of local editors, a poetry forum for teachers, an open-micophone reading and several social events.

The Summer Writers Institute provides the perfect opportunity for local writers to find an audience and to become part of a community of writers,” said Salli, an award-winning poet who will lead the pedagogy forum.

Students may apply to earn one unit of undergraduate or graduate academic credit. Additional work will be assigned in this case, and grading will be done on a pass/fail basis. An additional tuition fee of $30 is required for the credit.

All applicants to the institute must include a writing sample of 10 pages of prose or six pages of poetry.

For more information, call 935-5511. The institute is a public service to promote safety-awareness on campus.

Campus Watch
The following incidents were reported in the University Police Department from April 15-21. Readers with information could investigate the circumstances of their own cases and report them to University Police or campus emergency services.

April 15

10:40 a.m. — A student reported that a windshield was broken on a vehicle parked near the tennis courts.

April 16

8:37 a.m. — A member of the University’s crew team reported that a boat attached to a trailer parked near the Athletic Complex was struck by a vehicle that left the scene of the accident.

5:12 p.m. — Five vehicles parked near Givens and Steinberg halls received minor damage after being struck by a tow truck that was attempting to jump-start a vehicle. The tow truck apparently slipped out of gear. No injuries were reported.

April 17

9:11 p.m. — A student reported that a wallet containing $15 and several credit cards was stolen from a suite in Wydown Residence Hall.

April 18

9:29 a.m. — A student contacted University Police regarding ongoing roommate problems in Eliot Residence Hall. After receiving statements from the three roommates, the offending student was charged with peace disturbance, failure to return borrowed property and destruction of property. The incident is being referred to the judicial administrator.

April 19

9:03 a.m. — A student reported leaving a backpack containing $15 in a copy room in Harold D. Jolley Hall. The backpack was retrieved, but the money was reported missing.

12:34 p.m. — A student reported that a portable compact disc player, valued at $100, was stolen from a suite in Ralston Residence Hall.

5:30 p.m. — A faculty member reported being knocked to the ground by a dog near Mallinckrodt Center. No injuries were sustained, and the dog’s owner was referred to the University’s leash policy. The incident is being referred to the Office of the General Counsellor.

April 20

1:46 p.m. — A police dispatcher reported a trash-container fire in a parking lot near the fraternity houses. Police and maintenance personnel extinguished the fire. No damage was reported.

April 21

12:31 p.m. — University Police were dispatched to Mallinckrodt Center to investigate a peace disturbance report. Upon arrival, it was determined that an allegedly intoxicated student damaged a restroom door. The student was arrested on charges of vandalism. The incident is being referred to the judicial administrator.

University Police also responded to a report of vandalism in Brookesville Quadrangle and to a report of recovered property in which University Police found a pizza-delivery sign.

Concert pays tribute to late Robert Wallenborn
Friends and colleagues of the late Robert Wallenborn, professor emeritus of piano, are invited to gather at 11 a.m. Monday, April 23, in Stix International House for a memorial tribute to the pianist, who died last fall in San Francisco.

The tribute, free and open to the public, is presented by the Department of Music in Arts and Sciences, where Wallenborn taught from 1963 to 1974. Former students and colleagues of Wallenborn will perform music, and others will share remembrances about his life and music.

Wallenborn was born in Chicago in 1906 and studied piano and musicology in Germany at the Musikhochschule in Berlin and the Musikhochschule in Leipzig. He toured as a recitalist and served as an accompanist to a number of German opera companies, including the Berlin State Opera and the Blanche Thomson.

He came to Washington University in 1963 and gave a number of recitals on campus. He also appeared as a soloist with the Saint Louis Symphony. Wallenborn had lived in Europe since his retirement from the University in 1974.

For more information, call 935-5581.
Violation of unwritten contract may be source of workplace violence

Judi McLean Parks, Ph.D., assistant professor of organizational behavior, recently conducted a study on the unwritten psychological contracts in the workplace. The study found that violations of these psychological contracts can have a significant impact on productivity. The results of the study were distributed by the American Psychological Association, which provides timely faculty comments to faculty and student scholars and professionals.

Dr. McLean Parks defines "psychological contracts" as the informal, unspoken agreements that exist between employers and employees. She notes that workplace violence is the most drastic form of these violations. Dr. Parks emphasizes the importance of recognizing and addressing these issues to maintain a healthy work environment.

"It's important to remember that a psychological contract is not just an informal understanding. It is a legal contract that has been broken by the employee," Dr. Parks said. "When these contracts are violated, it can have a very positive influence on productivity."

Speaking of Wendy Hyman-Fite, director of the English as a Second Language (ESL) Program at Washington University, her research focuses on the rhetoric of female characters in European women's poetry. Her work explores the ways in which women have used language to express their experiences and negotiate their identities. Dr. Hyman-Fite received her Ph.D. in English in 1989 from the University of Iowa.

Introducing new faculty members

Hilltop Campus:
Mary By, Ph.D., assistant professor of English in Arts and Sciences, comes from Yale University, where she received a doctorate in Renaissance studies. Her research interests include the role of the poet in the production and reception of medieval English romantic comedies written between 1595 and 1610. She received a bachelor's degree in fine arts in 1979 from the San Francisco Art Institute and a master's degree in fine arts in 1990 at Oxford University in England.

Sabina Ott, Ph.D., professor of art, comes from California State University in Los Angeles, where she was a visiting scholar of art, and from the Art Center College of Design in Pasadena, Calif., where she was a visiting faculty member. She is known for her paintings on wood panels and her sculpture. She has like substance thesis often heavily layered. She received a bachelor's degree in fine arts in 1990 from the San Francisco Art Institute and a master's degree in fine arts in 1990 at Oxford University in England.

For the Record contains news about a wide variety of topics ranging from student and professor accomplishments to faculty and professional activities.

Of note
Louis V. Avild, M.D., the Sydney M. and Stella H. Shoenberg Professor of Medicine, director of the Division of Bone and Mineral Diseases, was chosen to receive the U.S. National Osteoporosis Foundation's Faculty Award for his contributions to osteoporosis research. He will receive the award June 24 during a reception in Washington, D.C.

Randall Johnson, M.D.,Ph.D., professor of psychiatry and behavioral sciences, is a recipient of the 1996 Mead Johnson Award from the American Academy of Family Physicians. The award recognizes his seminal work on the molecular and cellular aspects by which parents are exonerated of fat digestion. He received the award during the institute's annual meeting.

Mark E. Lowe, M.D., Ph.D., assistant professor of pediatrics and of molecular biology and pharmacology, won the 1996 Mead Johnson Award from the American Academy of Family Physicians. The award recognizes his seminal work on the molecular and cellular aspects by which parents are exonerated of fat digestion. He received the award during the institute's annual meeting.

Garland R. Marshall, Ph.D., professor of biochemistry and molecular biophysics, of molecular biology and pharmacology and of biomedical computing and informatics, received a grant from the National Institute of General Medical Sciences for a project on "Reverse-turn Recognition: Protein Folding in the Intracellular Space." Dr. Marshall earned his Ph.D. from the National Institute of Child Health and Human Development for a project titled "Two X-linked Genes That Regulate Mineral Homeostasis."

Stephen H. Legonkosky, J.D., Ph.D., the Charles F. Niggend Professor of Scientific and Social Analysis and Comparative Law, delivered the annual Hazan Luske Distinctive Lecture at the State University College at Buffalo School of Law in Carbondale. His topic was "E pluribus unum: the Sausal Slogan or Enduring Value?"

Carter Reed, Ph.D., professor of English in Arts and Sciences, will deliver a lecture titled "I Didn't Mean to Poison Him." The schedule for Thursday's event will be published in the Association for the Study of American Indian Literature.

Barbara Abraham Shrauner, Ph.D., professor of electrical engineering, spoke on "Modeling of Plasma Etching of Semiconductor Wafers" at Washington University in St. Louis. She also delivered a presentation on "Modeling of Plasma Etching in Integrated Circuit Fabrication" at Bethel College in North Newton, Kan., and at Northeast Missouri State University in Kirksville.

Making the news
Mary-Jean Cowell, Ph.D., assistant professor and coordinator of the dance program in Arts and Sciences, was quoted in an article titled "Rethinking Lost Years: Japanese Dancers: "1910s: Works Are Revised" that was published in The Washington Post. Cowell commented on the late Michio Ito, a modern dance pioneer.

On assignment
Paul Michael Litzler, M.D., the Rosa May Distinguished Professor of the Humanities and director of the European Studies Program in Arts and Sciences, was elected president of the Northridge-Western Academy of Science, Letters and Arts in Germany. In addition, he lectured on various aspects of multiculturalism and European identity at the Grigoriants College of Montreal as well as McGill and Concordia universities in Montreal.

On behalf of the National Academy of Sciences and Science Commission, Richard Mahoney, distinguished executive-in-residence at the Center for the Study of American Business, delivered a presentation at the U.S. House of Representatives' Science Committee in Washington, D.C. He spoke in favor of emphasizing university research related to federal issues, citing the Monroe-Washington University agreement as a model for the future.

Mahoney served on the commission for a year.

"It's important to remember that a psychological contract is not just an informal understanding. It is a legal contract that has been broken by the employee," Dr. Parks said. "When these contracts are violated, it can have a very positive influence on productivity."

Guidelines for submitting copy:
Send your full name, complete title, department, phone number, and highest degree earned, along with a typed description of your noteworthy activity, to For The Record, c/o Carolyn Sanford, Campus Box 1070, or p2245ci@wvumed.wvu.edu. Items must not exceed 75 words. For more information, call Sanford at 304-595-2920.
New degree program to draw on expertise of several engineering departments

Schal, Ph.D., chair, University of Miami. The college plans to draw on expertise from several engineering departments to draw on expertise from several engineering departments to draw on expertise from several engineering departments.

Rain forest trip yields ‘lots of observations, lots of camaraderie, lots of science’

The humidity is tremendous. Even after a shower, you’re soaked again — if not from sweat then from insect repel- ler. You must appreciate the conveniences we have at home. But the climate was always wet. But it was really great. I’d do it all over again.

Rainforest trip yields ‘lots of observations, lots of camaraderie, lots of science’

March is midsummer in Peru. The group encountered numerous species of birds, butterflies, and other insects and animals identified with a guidebook.

Sucha, Ph.D., chair, Department of Biology. Both thought the trip was an excellent way to provide personal re- service to students, parents, and other members of the office. The office is highly team- oriented and the new position will work closely with the existing one. Each person is expected to fill in for the other during the other’s absence.

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