Ecologist Joy Bergelson shows Super Weed invasion unlikely

To some, it’s their worst nightmare: A weed acclimatizes crossbreed with a transgenic (genetically manipulated) crop and becomes transfigured into a Super Weed. The Super Weed propagates into a vast community of Super Weeds; and Mother Nature’s famed “balance” goes haywire.

Several dire possibilities immediately surface: One, the Super Weeds (resistant to, say, an herbicide) would out-compete the crops, reducing crop yield; two, the Super Weeds would invade other natural areas, such as prairies, forests and wetlands, severely upsetting those ecosystems; and three, the Super Weeds would become the incidence of the “Eggplant That Ate Chicago” and completely overrun everything.

Bergelson’s paper, “Spread of Transgenic Plants: Novelties among Vegetation,” was inspired by the 1992 Presidential budgetary and the federal government are increasing the cost of developing strategies to fill positions that are due to normal attrition with employees who are already employed at the University.

In this issue...

Sparking Interest.................. 2
The Hands-On Neuroscience Program at the School of Medicine brings neuroscience to local elementary and junior high students

Competitive by nature........... 3
Head volleyball coach Teri Clemens is leading a Beavers’ quartet in NCAA Division III titles

Consumer culture................ 6
Social critic Barbara Ehrenreich discusses shopping, politics, and the meaning of life

Committee approves parking fees through 1997

Parking fees on the Hilltop Campus next year will go up between $5 and $20 depending on the type of permit. Jean Gaines, chair of the Transportation Advisory Committee, said these rates were announced two years ago in keeping with the University’s practice of announcing rate increases several years in advance. The rates were reviewed by the 19-member committee made up of staff, faculty and students.

The committee decided that first-come, first-served was the fairest way to apply for the green permits, said Gaines.

Reference:
Joy Bergelson, Ph.D., assistant professor of biology at Washington University, cross-pollinates transgenic Arabidopsis plants in the University’s Jeannette Goldfarb Growth Facility.
Hands-on experiments teach budding scientists

Michael E. Cain, M.D., has been named director of the Cardiovascular Division and the Tobias and Hertneck Lewin Professor of Cardiovascular Diseases at the School of Medicine. These appointments were announced by John P. Atkinson, M.D., professor and chairman of the Department of Internal Medicine. Cain succeeds Burton E. Sobel, M.D., who served as division director since 1973. Sobel now is chair of the Department of Medicine at the University of Vermont College of Medicine. Cain has been interim director of the division since November.

Cain joined the Washington University faculty in 1981 as an assistant professor of medicine, became an associate professor in 1986 and a full professor in 1991. Cain is known for his research aimed at understanding the causes of life-threatening abnormal heart rhythms called ventricular arrhythmias. Cain established Barnes Hospital's first clinical research laboratory and arrhythmia service in 1981 and continues to direct both efforts today. Under his leadership, the facility now is an internationally recognized clinical and research laboratory that has pioneered several developments in the diagnosis and treatment of abnormal heart rhythms.

Through research conducted at the laboratory, Cain and his colleagues have been instrumental in developing novel nonpharmacologic therapies, including arrhythmia surgery and radiofrequency catheter ablation, which can cure many types of arrhythmias. These activities have established Barnes Hospital as an international center of excellence for investigating novel drugs that control the heart rhythm, sophisticated pacemakers that closely mimic the heart's electrical system, and implantable cardioverter/defibrillators that have proven life-saving for patients with dangerous heart rhythm disorders. In addition, Cain and his colleagues have developed and are testing new noninvasive and invasive methods, such as the signal-averaged electrocardiogram, for identifying patients with heart disease who are at high risk for developing dangerous heart rhythms.

Cain has received many honors during his career, including serving on the American College of Cardiology Board of Governors since 1991 and being named the current president of the organization's Missouri chapter. In 1982, Cain was given the School of Medicine Teacher of the Year Award. Cain received his bachelor's degree in 1971 from Gettysburg College and earned his medical degree from George Washington University School of Medicine in 1975. He served his internship and residency at Washington University School of Medicine, and then completed a postdoctoral research fellowship and a clinical fellowship in the school's Cardiovascular Division. He also completed a second research fellowship in electrophysiology at the University of Pennsylvania School of Medicine.

Volunteers needed for obsessive compulsive study

Researchers at the School of Medicine are seeking volunteers for a pilot study of Obsessive Compulsive Disorder (OCD). Elliot Nelson, M.D., instructor of psychiatry at the School of Medicine, is directing the study. Using Positron Emission Tomography (PET) scans, Nelson is looking for irregularities in blood flow and oxygen metabolism in the brains of patients with the disorder.

"People from all walks of life — and even individuals from different cultures — share these symptoms. It would only make sense that we investigate the neurobiology of this brain function would be present," Nelson said.

Obsessive Compulsive Disorder is characterized by unwanted and persistent thoughts, impulses, or images. Often people with OCD also will engage in irrational behaviors, such as excessively washing their hands or checking on a door lock.

Medications may relieve many of the symptoms of OCD. Nelson is seeking study volunteers who are currently not taking medication because medications may alter the signal in blood flow regions. Potential volunteers are ineligible if they are currently depressed or have had any significant neurological illness.

Participants must be older than 18. Study volunteers will receive a psychiatric evaluation, diagnostic testing and PET scanning at no cost. Those accepted for the pilot study receive a $75 stipend for their participation. For more information, call 362-2465.
It was a bold maneuver. Even by Teri Clemens' standards.

Right through the summer of 1979 and Clemens, a 23-year-old tennis coach at Trennon High School in Kansas City, Mo., is driving back to her hometown of St. Louis for a job interview. The position? Head volleyball coach at Incarnate Word Academy.

Clemens is coming off a multi-sport career as a student at Northeast Missouri State University that includes most valuable player nods in tennis, field hockey and softball. Volleyball is new.

During stops along the drive and then deep into the night upon her arrival in St. Louis, Clemens buries her nose in a tattered library book. The title is titled *How to Coach Volleyball*.

"When I came in the next morning for my interview," said Clemens in retrospect, "it was clear they were looking for someone who knew the X's and O's of the game. The first question they asked me was if I knew how to run a multiple offense. I just sat there with a straight face and whipped off a handful of options. I got book-smart over the weekend."

"I knew I could coach the sport — I knew I could coach any sport."

"It was a massive relief a little concern after I lost my first four matches!"

Nineteen straight subsequent victories erased any lingering doubts and now, 15 years later, Clemens has managed to fill out her volleyball portfolio nicely. She stayed six years at Incarnate Word, accumulating a record of 135 wins-15 losses and winning state championships in each of her last three seasons. She moved on to Washington University in 1985, where she has accumulated a mark of 333 wins-54 losses and led the Bears to a quartet of NCAA Division III national titles. And now this summer, she will serve as the head coach of the North squad at the 1994 U.S. Olympic Festival, an event that will showcase some of the premier amateur talent in the nation.

After feverishly reading *How to Coach Volleyball* a decade and a half ago, Clemens is uniquely qualified to edit any future editions.

"No, I wasn't an elite volleyball player," she said from her moments-peeked office at the Washington University Field House. "But the coaches teach the concepts because they can teach — not because of any base of knowledge they might have. Anybody can read a book and learn the sport. I'm Exhibit A. But teaching is communicating and presenting and motivating. And those things are isolated from the material itself."

Clemens carries the coach-as-teacher analogy a step further by comparing her practice sessions to the gymnasium to lessons in a professor's laboratory. She points out that each session is structured in a similar fashion. First, there's the agenda to be set to the players. Then there's an introduction of new material, followed by explanation, demonstration and repetition of the concepts. The individual introductions are then fused into a tactical setting. Finally, there is a review of the materials from the previous practice.

While the format may appear rigid, the application could not be more elastic.

"There are never two practices the same," swears Joe Worlund, the University's director of intramural sports and Clemens' eight-year assistant. "Never! She's just not once recycled a practice within the course of her career. That's not to say that practice won't follow the same pattern — but it's not. 'Hit this many minutes, then pass, then block.'

"You may work on passing all day. But, even so, if you're not another passing day two months later, there aren't the same drills as before.

"It's the coordination of talent-provoking drills comes so easily to her — she doesn't understand that other people can't do it," Worlund added. "I can do it for a week and try to stay up with a new passing drill she's started. I can't get it going in that direction, then rotate through."

Worlund offers further common denominators of a Clemens-run practice session. "There are two things that she relies on. The first is, it's not fun, don't do it. She incorporates competition into just about every part of her program. The second thing she prizes is that you play matches merely to see what you need to practice. A match is simply another practice."

"I don't know that the players would pick practice over a match, but they appreciate the importance of practice and they enjoy the process. That, in itself, is somewhat unheard of."

Clemens sees such a contrast between a game-day setting and a practice session that she has radically different ideas to her. Jekyl and Hyde would be a fair comparison.

At every match that she has coached — for all 15 years — Clemens has set staid, positioned toward the middle of the bench, with a pen in her hand. The pen is her constant reminder that the match is only a test. "Only on rare occasions will she become riled — almost never for a physical error, but most often for what she perceives as a lack of total effort. A huge demonstrative display would be to her ability at the age of 6 to make a third-grade softball team. Then, after getting stuck in right field, fighting her way to the second base, she'd be scolded over one month."

"Without a doubt," she said, "competitiveness is my signature. For good or bad, I tend to make a competition out of non-competitive aspects of my life."

"I like to be surrounded by competitive people. Bringing in competitive people in a non-competitive environment is a better coach. You're risking that they're going to want you to create a more competitive laboratory and a more highly charged agenda every day at practice — the one thing that isn't. So it has just built over the past nine years and the expectations, my own as well as the players, are now extremely high."

The only thing that has defused Clemens' constant quest for competition has been her expanding family. Over the past six years, she and her husband, Tom, have adopted six children — now aged 18, 9, 8, 8, 3 and 2. "As a parent, I'm recognizing that not every situation should be a contest," says Worlund, her closest friend, with a knowing grin, "I'm trying hard, but that's still a lot of... Let's see how fast you can get your pajamas on."

Bald, occasionally brush-talk, full of fun and brimming with enthusiasm. Those are a sampling of the adjectives that others use when describing Clemens.

"Teri is a black-and-white kind of person," said, Jimmie a aging head volleyball coach Bobo, who knew the X's and O's of the game. The other factor that keeps me at Washington University is the intelligence of the student-athletes. I've had every situation should be a contest."

"Without a doubt, competitiveness is my signature. For good or bad, I tend to make a competition out of non-competitive aspects of my life."

*Volleyball* court is Clemens' laboratory

April 7, 1994
Calendar

April 7–16

Exhibitions

"Paracelsus, Five Hundred Years," Con-

activities through July 15. Glass Hall.

School of Medicine Library. Hours: 9 a.m.

- 9 p.m. weekdays; 1-5 p.m. weekends. 362-

7080.

Center of Contemporary Arts

Juried Exhibition, "Cap: 4 America's Cultural Diversi-

ity," a print exhibit by Jeff

Speyer. Continues through April 30. Speyer is an artist and director of education at Tamiment Institute, U. of

Michigan, Arbo. Co-

Department of Asian and Near Eastern Languages

7 p.m. Japanese Film Series.

(April 16, same
time.) Room 100 Brown Hall Cost: $3.

Saturday, April 9

9 a.m. Saturday Morning Neural Sciences Series: NRS — Magnetic Reson-

ance Neuroimaging. Michel R. Gado, prof., Dept.

of Neurology and Neurosurgical Surgery and prof., Dept.

of Radiology — Erlander Aud., McDonnell Medici-

cal School Building.

Saturday, April 9

5:30 p.m. Neuroscience luncheon semi-

nar. "Immediate Early Gene Expression is Not a Marker of

Surprise Death," Steve Rostock, postdoctoral fellow, Department of Neurology, Wash.

School.

7 and 9 p.m. Filmboard Feature Series.

"Harold and Maude" (.1971). (Also April 9,

same time, and April 10 at 7 p.m.) Room 100

Brown Hall. Cost: $3.

"Ballad of a Soldier" (1959, B&W), in

Russian with English subtitles. Room 100

Brown Hall. Cost: $3.

Developmental Immunology, C. Nick Pace,

prof., McDonnell Medical School.

Friday, April 8

7 and 9:30 p.m. Filmboard Feature Se-

ries. "Harold and Maude" (.1971). (Also April 9,

same time, and April 10 at 7 p.m.) Room 100

Brown Hall. Cost: $3.

"The Authenticated Word: Victorian Art-

work by Junior Fine Arts Students.

"Junior exhibit" features a collection of

artwork by junior fine arts students.

Through April 17. Reception: 5-7 p.m. April 8. Boxby Gallery, Boxby Hall. Hours 10 a.m.

- 1 p.m. weekdays and noon-4 p.m. weekends.

925-4643.

Calendrical guidelines

Events sponsored by the University — in
departments, schools, centers, organizations and be sponsored student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state title, date, place, sponsor, title of event, name of speaker(s) and affiliation, and admission cost. Include complete dates and times with descriptions are welcome. Send items to Julie Breslow at Box 1078 (or via fax: 935-2529).

Submission forms are available by calling 925-8426.

The deadline for all entries is noon Thursday one week prior to publication. Late entries will not be accepted. The Record is printed every Thursday during the school year; except for holidays. Send entries by May 21 for summer. If you are uncertain about a deal-

m, call Box 1078. If you have any other in-

formation, please call 935-4026.

Wednesday, April 13

7 and 9 p.m. Filmboard Foreign Series.

"Jules and Jim" (1961, B&W), in French

with English subtitles. Room 100 Brown Hall.

Cost: $3.

Friday, April 15

7 and 9:30 p.m. Filmboard Feature Series.

"Chronicle of a Political Murder: Airplane!" (1982). (Also April 16, same
time.) Room 100 Brown Hall. Cost: $3.

"Paracelsus, Five Hundred Years," Con-

continues through July 15. Glass Hall.

School of Medicine Library. Hours: 9 a.m.

- 9 p.m. weekdays; 1-5 p.m. weekends. 362-

7080.

11:00 a.m. Noon. Molecular biology and pharmacol-

ogy research seminar. "Role of Receptor Tyrosine

Kinase Signaling During Organogenesis," Kevin G. Peters, prof., Dept. of Medi-

cine, Dukel U., Durham, N.C. hour.

South, Room 219 South Ridgley

Brown Hall. Cost: $3.

9:30 a.m. Noon. Molecular biology and pharmacol-

ogy seminar. "Phagoly-

somal Processing of Bacterial Antigens: Consequences of the Host-pathogen Interac-

tion," John D.A. Sturman, prof., Dept.

of Microbiology and molecular biology, St.

Louis Children's Hospital. 3:00 p.m.

with English subtitles. Room 100

Brown Hall. Cost: $3.

1 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

9 a.m. Noon. Pediatric hematology/oncology

seminar. "Isolation of the Components of the

Molecular Creator," Jeffrey A. Graff, asst.

prof, Dept. of Pediatrics, Washington U, St.

Louis Children's Hospital.

4:30 p.m. Math colloquium. "Structural Basis for Substrate Specificity," Bess A. Marshall, instruc-

tive Biology, Amherst College, Amherst,

Mass. Room 322 Rebstock Hall. 362-4188.


8 a.m. Architecture lecture. "The Sarajevo

Project," Lebnes, wood, prof. of architec-

ture, The College of Architecture and Urban

Architecture, New York City. Steinberg Hall

Aud. 9:30-6:20.

Tuesday, April 12

12:30 noon. Professional-licensing seminar.


of Pediatrics, St. Louis Children's Hospital. 454-2713.

1 p.m. Immunology seminar. "Non-redundant Functions of Glucose Trans-

port in Muscle," Brea A. Marshall, instruc-

tive Biology, Amherst College, Amherst,

Mass. Room 322 Rebstock Hall. 362-4188.

4:30 p.m. Math colloquium. "Fourplex:

Water, Transportation, Governing, House-

holding, alumnus Michael Willis, principal, Michael Willis Associates Architects, vice president and

president-elect, American Institute of Architects, San Francisco. Room 116 Gins-

ers Hall.

4 p.m. Assembly Series of Korean Students lecture. "Is Good Gov-

ernment an Oxymoron?" Wendy Lee

Graum, former chair, U. S. Commodity

Futures Trading Commission. May Ay, student. Simon Hall. 935-5495.

4 p.m. Biology lecture. "Fiction

Telling in the Muslim Terrain Levenworth," Elizabeth Lynn, prof. of biology, Amherst College, Amherst,

Mass. 322 Room 322 Rebstock Hall. 362-4188.

4 p.m. Immunology seminar. "Phagoly-

somal Processing of Bacterial Antigens: Consequences of the Host-pathogen Interac-

tion," John D.A. Sturman, prof., Dept.

of Microbiology and molecular biology, St.

Louis Children's Hospital.

4:30 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

4 p.m. Economics lecture. "Economic

Performance Throughout Time," Nobel

Laureate Douglass C. North, Henry R. Luce

Professor of Law and Liberty. Sponsored by

the Economics Society. Room 113 Simon

Hall.

4 p.m. Social thought and analysis lecture.

"In Praise of Distributed Citizenship," Michael Schudson, prof. of sociology, U. of California, San

Francisco. Room 204 Crow Hall. 456-5753.

4:30 p.m. Math colloquium. "Integr-a-

formula in Complex Analysis," Lev

Anatov, Program for Human Medical,

Texas A & M College of Medicine, College Sta-

tion, Texas. Room 322 Rebstock Hall.

4:30 p.m. Math colloquium. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5:30 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.

925-6503.

5 p.m. Immunology seminar. "An Enantio-


of chemistry, Florida State U, Tallahassee.
Music

Performances
Friday, April 8
8 p.m. Performing Arts Dept. presentation, "The Beggar's Opera," at the Edison Theatre. The exhibit and sale will showcase local and national printmakers, doodles of Corwin Matthews, artist-in-residence in drama. Also, call 935-1261 for information. Cost: $7 for the general public; $5 for seniors, $1 for children and $5 for students. (Art 350-3377.

Saturday, April 9
8 a.m.-5 p.m. Permanent Art, presentation, "The Shades of the Past," at the Edison Theatre. The exhibit and sale will showcase local and national printmakers, doodles of Corwin Matthews, artist-in-residence in drama. Also, call 935-1261 for information. Cost: $7 for the general public; $5 for seniors, $1 for children and $5 for students. (Art 350-3377.

Wednesday, April 13
3:30 p.m. Student performance, "The Trial of God," at the Edison Theatre. The exhibit and sale will showcase local and national printmakers, doodles of Corwin Matthews, artist-in-residence in drama. Also, call 935-1261 for information. Cost: $7 for the general public; $5 for seniors, $1 for children and $5 for students. (Art 350-3377.

Performance
Friday, April 8
8 p.m. Performing Arts Dept. presentation, "The Beggar's Opera," at the Edison Theatre. The exhibit and sale will showcase local and national printmakers, doodles of Corwin Matthews, artist-in-residence in drama. Also, call 935-1261 for information. Cost: $7 for the general public; $5 for seniors, $1 for children and $5 for students. (Art 350-3377.

Sports
Baseball
This Week: 3:30 p.m. Thursday, April 6, McKendree College at the Illinois College brawl; 3:30 p.m. Thursday, April 13, vs. Missouri-St. Louis, Kelly Field; noon Saturday, April 9, at MacMurray College; 9 a.m. Friday, April 8, against Maryville College; 9 a.m. Saturday, April 9, at Maryville College; 9 a.m. Sunday, April 9, at St. Louis University's Toni Field. For more information, call 935-4494.

Women's Tennis
Last Week: Washington 9, Webster 0
This Week: 3:30 p.m. Wednesday, April 6, vs. Maryville University Tennis Center; 4 p.m. Thursday, April 7, vs. Principia College, Tennis Center. Season Record: 4-4

Men's Tennis
Recent Matches: Idle
This Week: 3:30 p.m. Wednesday, April 6, vs. Maryville University Tennis Center; 4 p.m. Thursday, April 7, vs. Principia College, Tennis Center. Season Record: 4-4

Men and Women's Track/Field
Last Week: At Principia College Invita- tional — Men's Finals: 2nd of 13; Women's Finals: 1st of 14
This Week: 10:30 a.m. Saturday, April 9, at Greeniville Invitational, Greenivile, Ill.
Arabidopsis thaliana, represented a susceptible plant. They were through traditional backcrossing, the same result is now possible with transgenic plant cells, and, while it is faster than traditional breeding techniques, rather than with transgenic plants and others, but in the wild where they get into the wild where they can compete with natural communities where there are more wildlife. She found that the susceptible (lacking the resistance gene) plants out-produced the resistant counterparts. This difference, however, was detectable only in deme areas. This suggests, said Bergelson, that the resistant plants paid a physiological cost of expressing resistance when it wasn’t necessary — there were no herbicides applied to the plots, yet the resistant plants were constantly expressing their resistance. The situation might be compared to humans exhibiting “cancer-like” syndromes all the time without either fighting or fleeing. To estimate the relative invasiveness of the different plants, Bergelson transplanted four seedlings each of resistant and susceptible Arabidopsis into two experimental plots and allowed them to compete with or other vegetation. In the fall, after the seedlings matured and dispersed their seeds, she counted the next generation of both types of plants and found the numbers were basically the same, despite the fact that the susceptible plants produced more seeds. "These results show that differences in performance don’t translate into differences in population dynamics," said Bergelson. "The current practice of accepting the reproductive performance of resistant and susceptible crops may be inadequate to predict changes in the spread and invasiveness of species." Researchers in the Biotechnology Risk Assessment Protocols for transgenic crops must measure the effect of the new gene in the crop and then use that effect as a basis for predicting what it might do in a weed or some other background. But she says the effect of the gene in the crop tells little about what the same gene might do in a weed. She says her work carries two messages. "You can’t make an assumption from the crop to the weed," Bergelson said. "If you’re worried about the seeds, study the weeds, not the crop. Second, transgenics are usually studied in nurturing conditions such as a greenhouse, but these are not the kind of conditions you need to study. We should be studying these crops with natural communities where there are more stresses. The resistant plants are more likely to perform well in conditions that are not the kind of conditions than agricultural conditions." Lessening fears Bergelson’s research should lessen fears of biotechnology gone awry, but she faces an uphill battle. From Jack and the Beanstalk to “Soylent Green,” the public has been enchanted by the intriguing powers of “super plants” and their potential to dominate, even transform, a landscape and its people. In the 1960s, with the imminent release of transgenic tomatoes to the marketplace, chefs and cooks (among them the famous Cajun chef Paul Prudhomme) have banded together to say they will not use these products in their restaurants or recipes. Bergelson lays many of these misunderstandings on simple misperceptions. "For hundreds of years, botanists have been breeding tomatoes using the same techniques we used to get our resist- ant Arabidopsis plants," she said. "It’s unrealistic to say that agriculture has not had genetically manipulated plants. They’ve been there for centuries. But they haven’t been ‘engineered’ using Agrobacterium. Any problems with transgenic plants that are likely to occur are related to problems we’ve long faced. I don’t see a big difference between transgenic plants and others, but in the public eye there is a big difference, and that’s really puzzling." — Tony Fitzpatrick

---

**Campus Watch**

The following incidents were reported to the Campus Police Department March 26-April 1. Readers with information that could assist in the investigation of these incidents are urged to call 935-3333. This list is provided as a public service to our campus community.

**March 28**

3:10 p.m. — A student’s backpack was reported stolen from the first level of the Campus Bookstore in Mallinckrodt Center sometime between 3 and 3:15 p.m.

**March 29**

6:30 a.m. — Between 20 and 25 videotapes belonging to the Performing Arts Department were reported stolen from Room 322 Mallinckrodt Center. The video tapes were reported stolen March 1 1 and 2 p.m. March 15.

9 a.m. — A Panasonic videocassette recorder was reported stolen from Room 315 Mallinckrodt Center. The video was reported stolen March 11 and 2 p.m. March 15.

4:27 p.m. — A student’s mountain bicycle was reported stolen from the bicycle rack north of the parking lot at the Student Union.

**March 31**

6:50 p.m. — A faculty member’s automobile was reported stolen from the parking lot at the intersection of Millbrook and Skinker sometime between 11 a.m. and 6:15 p.m. The vehicle was recovered at 5 a.m. April 1 from a parking lot at the University of Missouri-St. Louis.

---

**April 1**

1:20 a.m. — A student’s book bag was reported stolen from The Campusgale in Mallinckrodt Center sometime between 12:15 and 12:30 a.m.

10:24 a.m. — Two banners belonging to Student Affairs and the Student Union were reported stolen from the walkway south of Olin Library sometime between noon March 31 and 1 a.m. April 1.

7:47 p.m. — An Anscomail spoolie was reported stolen from a student’s vehicle parked on the lower level of the South Forty parking garage sometime between 12:00 a.m. and 7:00 p.m.

**April 2**

5 p.m. — An unknown person set a posted announcement on fire in an Elliott Residence Hall elevator causing damage to the east wall of the elevator.

**April 3**

1:46 p.m. — A suspicious person was reported stealing check-ins doors at 1 a.m. No. 9 Millbrook Apartments. Subject later left when he saw a resident of the apartment. Nothing was reported missing.

---

An incidence of minor vehicular damage also was reported last week.
### For The Record

The For The Record column contains news about a wide variety of faculty, student and staff scholarly and professional activities.

#### Of note

Elaine C. Davis, Ph.D., research assistant professor of art at the University of Missouri, received a $5,500 grant from the United Scherderoma Foundation Inc. for a project titled "Elastic Fiber in the Heart: Validation and Characterization." During the YMCA of Greater St. Louis' annual meeting in St. Louis, Robert Easton, Ed.D., director of the Student Counseling Service, was named Volunteer of the Year. Easton is a member of the Campus Y's board of managers for 12 years, and was recognized for his exceptional leadership, insight and judgment in problem-solving, as well as his commitment to the Campus Y's mission.

Melinda L. Klin, a junior in architecture, received a $1,000 Special Scholarship Award from the American Institute of Architects (AIA) Colorado Educational Fund. The AIA presents the award primarily on academic merit, although recommendations and financial need are considered.

Daniel H. Kaplan, a student in the M.D. Ph.D. Program, received a scholarship from the Life and Health Insurance Medical Research Fund of Washington, D.C. The scholarship is for $16,000 a year for up to five years, to support graduate studies in human immunology and plans a career in teaching and medical research. The fund presents awards for basic biomedical research to prevent and treat major health problems.

Cyndy Lawlor, a graduate of the University of Missouri School of Social Work, received a Ph.D. in social work education, served as an advisor to a third-grade class at the University of Missouri Elementary School in City for its prize-winning entry in the Japan Through Books Contest. The students received a $1,000 book collection about Japan. The contest was sponsored by the Missouri National Committee on American Foreign Relations, and the St. Louis Center for International Studies.

### Obituaries

Leonard W. Fabian, M.D., former anesthesiology chairman and professor of anesthesiology, died on March 25, 1994, at Barnes Hospital. He was 70.

Fabian, of Town and Country, came to Washington University from the University of Missouri in 1971. He was the University department chairman in 1980 and was later named chairman. He was on staff at Barnes and served as chief anesthesiology anesthetist in the Surgical Intensive Care Unit.

He retired in 1992 as professor emeritus. Both his parents were from Arkansas. He was born in North Little Rock, Ark. He earned a medical degree from the University of Arkansas School of Medicine in Little Rock in 1951. In the 1950s, Fabian and C. R. Stephen, M.D., also professor emeritus of anesthesiology, introduced the drug halothane in the United States. The drug transformed the field of medical anesthesiology. Fabian was a former national consultant in anesthesiology to the military, surgical ward and chief of the Department of Anesthesiology, and was an past chairman of the St. Louis Cardiopulmonary Resuscitation Committee.

Among his survivors are his wife, Mardelle Fabian of Town and Country; two daughters, Marilyn W. Fabian of Town and Country and Susan Cameron of Washington; a brother, John W. Fabian Jr. of Murfreesboro, Tenn.; Edward and Ronald Fabian, both of Hinsdale, Ill.; a brother; Herman Fabian of Little Rock; two sisters, Catherine McCroddy and Ruth Fabian, both of Little Rock; and eight grandchildren.

### Engineering school to honor six alumni during April 14 ceremony

The School of Engineering and Applied Science will honor six distinguished alumni during the 1994 Alumni Achievement Awards Dinner to be held at 8 p.m. on April 14 at the Missouri Botanical Garden's Ridgway Hall.

Cocktails start at 5:30 p.m. Dinner will be served at 7 p.m. and the program begins at 8 p.m.

Alumnus William K. Y. Tao will receive the 1994 Dna's Award. The Lifetime Achievement Awards recipients are Myron Dymtryszyn, EIC; Ernest Bernhard, Charles A. Lewis and Henry G. Schwartz Jr. Arnold W. Donald will receive the Young Alumni Award.

The Dean's Award is presented to an individual whose dedication to engineering education has enhanced opportunities for students and faculty. Tao, trustee emeritus and affiliate professor of electrical engineering, has made many contributions to education at Washington University. His support of the University's program has led to scholarship awards at the University's annual scholarship program, established by the engineering students association in 1972. Today all of the awards at the University have named scholarship programs. Tao is an internationally known leader in the field of information systems design. In 1956 he started his own engineering consulting business, William Tao and Associates. He received a master's degree in mechanical engineering in 1950.

The recipients of the Alumni Achievement Awards are in fields ranging from chemical and environmental engineering to economics and computer graphics. Harrison will be honored for his achievements in computer graphics and his long-standing dedication to his civic involvement. He founded Denver's Computer Image Corp., which created computer animation for television, education and industry. In 1972 he received the first Ph.D. in computer graphics.

Harrison received a bachelor's degree in mechanical engineering in 1953. He was named Outstanding Achievement in Engineering Development from the National Academy of Television Arts and Sciences. Harrison received a bachelor's degree in fine arts in 1952 and a bachelor's degree in applied mechanical engineering in 1952.

Harrison created the program for his accomplishments in the investment community and his commitment to higher education. He is principal founder of Bridge Information Systems Inc. and Bridge Trading Co. The firms provide real-time and historical information services to over 150,000 financial instruments, receiving data from exchanges around the world and offering services that span the globe. He has provided the nation's top universities with full access to Bridge Information System's curricula.

He received a bachelor's degree in chemical engineering in 1957.

Schwartz will be honored for his accomplishments in environmental engineering and for his contributions to the engineering profession. Schwartz is president of the Sverdrup Civil Inc. He has more than 25 years of experience with Sverdrup in the engineering and management of water and wastewater treatments, air pollution control and program management.

He received a bachelor's degree in civil engineering in 1961 and a master's degree in water resources in 1966.

Dymtryszyn will be recognized for his achievements in engineering research and development and in appreciation of his civic contributions. He retired in 1987 as general manager of the Research and Development Division of Monsanto Industrial Chemicals Co. after a 40-year career there. He is an active member of many professional, civic and University organizations.

He received a bachelor's degree in chemical engineering and a master's degree in civil engineering.

For more information about the dinner, call 935-6100.

### Introducing new faculty members

The Record is running a series profiling new faculty members on the Hilltop and Medical campuses.

William B. Dawson, M.D., assistant professor of radiology at the School of Medicine, will join the Interdisciplinary Center of Radiology, comes from Muskogee, Okla., where he was an associate professor at the University of Tulsa. Dawson and his colleagues at the U.M.C. and the Veterans Administration Regional Medical Center, both in Muskogee, are developing a new branch of internal medicine.

He received a bachelor's degree in 1969 from Tulane University in New Orleans and a medical degree from the University of Oklahoma in Norman in 1973.

To press

Stamos Metzidakis, Ph.D., associate professor and director of the U.M.C.'s medical informatics laboratory and director of the Summer School, is a co-authored Understanding French Language and Culture. He has also written numerous technical and educational texts. The book examines technical questions, substantive issues and theoretical considerations of interest to students of French poetry.

Guidelines for submitting copy:

Send your full name, complete title, department, phone number and highest-earned degree, along with a typed description of your noteworthy activity to For The Record, c/o Carolyn Sanford, Campus Box 1070, or p27245@einstein.wustl.edu. Items must not exceed 75 words. For information, call Sanford at 935-5293.

### Campus Authors

The following is a recent release available at the Campus Bookstore in Missouri and Colorado. The Hilltop Campus, 322-2240 (School of Medicine).
Green permit now first-come, first-serve — from page 1

permits for the 1993-94 school year will go on sale in August.

Annual Fees for Parking Permits

<table>
<thead>
<tr>
<th>Type</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>$410</td>
</tr>
<tr>
<td>Yellow</td>
<td>$320</td>
</tr>
<tr>
<td>Blue</td>
<td>$230</td>
</tr>
<tr>
<td>White</td>
<td>$155</td>
</tr>
<tr>
<td>Purple</td>
<td>$90</td>
</tr>
</tbody>
</table>

For each additional parking permit, $155 for evening and summer school permits.

Gaines said the committee is considering using some of the fees for future improvements in lighting for parking lots, new outdoor telephones and strategically located speed bumps.

Garage Attendant

Requirements: High school graduate or equivalent; cashier experience preferred, good interpersonal and communication skills; ability to work independently under guidelines from supervisor; good judgment, discretion, problem solving and time management skills.

Secretary/Receptionist

Requirements: High school graduate; a cheerful and professional disposition; attention to detail; ability to set priorities and work under pressure; ability to deal with multiple tasks; excellent interpersonal and communications skills.

Statistical Data Analyst

Requirements: Some college or other research-related experience; strong computer and verbal/interpersonal skills; ability to manage technical information; experience with personal computer software, such as Microsoft Word for the Macintosh, WordPerfect, Lotus 1-2-3 or Microsoft Excel within confidence.

Human Resources Associate, Recruitment

Requirements: Bachelor's degree or three years related experience; knowledge of human resources, behavioral sciences or life sciences; good judgment, discretion, time management and problem solving skills.

Compensation Specialist

Requirements: Bachelor's degree in business or human resources.

Minority Student Affairs

Requirements: Bachelor's degree in psychology or related field.

Medical Research Technician

Requirements: Bachelor's degree preferred; experience in research.

Psychiatry

Requirements: High school graduate or equivalent; pleasant disposition; flexibility, attentive and pro-active; skilled in proofing minutes and reports; ability to work independently under guidelines from supervisor; must be a neat individual; ability to communicate cordially with faculty, staff and students.

Medical Secretary

Requirements: Bachelor's degree in psychology; knowledge of medical terminology; diagnosis, procedures, pathology.

Garage Attendant

Requirements: High school graduate or equivalent; cashier experience preferred, good interpersonal and communication skills; ability to work independently under guidelines from supervisor; good judgment, discretion, problem solving and time management skills.

Secretary/Receptionist

Requirements: High school graduate or equivalent, some college preferred; three to five years experience in a college setting; experience on PerfectPoint 5.1, typing 55 wpm.