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# RECORD



Washington

WASHINGTON UNIVERSITY IN ST. LOUIS

Vol. 12 No. 1/Aug. 27, 1987



Charley Fuchs (center), director of computing services for the business school, instructs a group of INROADS students during a computer lab session.

## Minority high schoolers' preview of college: 'It's a feeling of wow!'

A summer institute at Washington University helped to prepare 57 minority high school students for college a year early.

As part of the INROADS/Washington University Pre-College Summer Institute held from July 13-Aug. 14, the students took math and English classes taught by Washington instructors and received college credit. They also attended various seminars on college preparation and career exploration and obtained computer instruction.

All the students have completed their junior year and attend schools in Missouri and Illinois. INROADS/St. Louis Inc. is part of a national organization that develops and places talented minority youth in business and technical fields and prepares them for corporate and community leadership. Blacks, Hispanics and Native American Indians participate in INROADS.

INROADS/St. Louis was started in 1973 and is the second of 29 affiliates nationwide. The entire organization has more than 2,300 college interns working at over 800 corporations.

"I got a feel for college," says Karen Randall, 17, a senior at Pattonville Senior High School in Maryland Heights. "It was a feeling of WOW! I was there with the big guys. I was on the outside looking in, but I was there. I really loved the experience."

"The courses that I took put me further ahead," she says. "I'll have much more experience than my peers when I'm ready to attend college. I also learned how to budget

my time and that will give me an edge."

Institute instructors gave the students high marks for their desire to learn. "It was the most enthusiastic class I've ever had," says English instructor Donna L. Potts. "They were always ready with a response when I asked a question. They were so open." She is pursuing a doctorate in English at Washington.

Alice C. Warren, manager of INROADS' St. Louis office, says the institute helped the students realize the importance of preparing for college. "They were forced to use time management skills, stress management skills and other kinds of skills necessary for success in a college environment," she says. "This knowledge will assist them through their senior year in high school as well as in college."

Participating in the institute also helped the students communicate with each other. "The first day of the institute I knew two people," comments Brian L. Jackson, 16, a senior at University City High School who has worked for the housing office at Washington the past two summers. "There were all these talented bright students in the room and I'm a little shy. But I learned to communicate and that will help me in college."

The birth of the INROADS/Washington University Pre-College Summer Institute began earlier this year when Glenn Detrick, associate dean of the business school and director of the M.B.A. Program, learned that

Continued on p. 4

## Letting go

## Tips for parents of freshmen help ease separation process

Although a decade and a half have passed since their sandbox days, this fall's college freshmen are destined to act like two-year olds as they begin their first year away from home.

"As they struggle to be independent, just as they did in their toddler years, freshmen venture forth with bravado into periods of newfound confidence and wisdom only to retreat into times of anxiety and hanging on," says Madge Treeger, psychological counselor at Washington University.

Treeger and Karen Levin Coburn, associate dean for student development at the University, conduct seminars for parents of new freshmen each fall. Perspectives gained there and through scores of interviews with college presidents, students and faculty have produced a book, *Letting Go: A Parents' Guide to the College Experience*, to be published next March by Adler and Adler of Bethesda, Md.

The college years are closely associated with transformation to adulthood. The natural process of separation from parents that begins when children are toddlers accelerates during college, say the authors. So parenting, particularly during the freshman year, brings new challenge.

Coburn and Treeger offer a tip list to parents of freshmen:

**Getting to College:** Let your child take the lead; if they want to, let students come to school by themselves. "Some students suggest their parents wait and visit during Parents

Weekend when the campus is their turf," Coburn says.

**Homesickness:** Bouts of loneliness and homesickness are common during the first few weeks. If your son or daughter calls home a lot at first, don't worry.

**Academics:** Talk openly about grades, but don't add stress. "Students are afraid of not doing well," says Coburn. Do not expect to receive a copy of the grades; under the Buckley Amendment, your child does not have to release them.

**Money:** College is an excellent time for students to learn to manage money and be responsible. Encourage that.

**Communication:** Before your child leaves, make plans to call or write regularly. Letters and care packages are important links from home; write even though you think events in your life are routine.

**Seeking Help:** Find out what resources exist on campus, but encourage your child to get help and handle problems.

Coburn and Treeger say spiraling college costs, combined with worries ranging from grades and jobs to AIDS and drugs, have made college a trying experience for both students and parents. "It's not easy being a college student in 1987 and it's not easy being a parent," Treeger says.

Little information exists to assist freshman families. Coburn and Treeger hope their forthcoming book will help parents adjust to the college years in the same way that Dr.

Continued on p. 4

## Ty Keough named soccer coach

Ty Keough, former St. Louis University All-American and member of the St. Louis Steamers and Kansas City Comets, has been named the first full-time soccer coach at Washington University. The announcement was made by John Schael, director of athletics.

Keough succeeds Joe Carenza Jr., who coached the soccer Bears since 1975, but who elected to remain at Pattonville High School as a history teacher and coach of the women's soccer team.

According to Schael, the switch to a full-time head coach was necessitated by Washington's 1987-88 move into the new athletic conference, the University Athletic Association. "Ty is a well-respected and active member of the St. Louis soccer community. His experiences at the collegiate, national and international level, when coupled with intelligence, understanding and knowledge, will assure the continued success of Washington University's soccer tradition," he said.

Keough serves as coach of the Busch Soccer Club's Under-19 Team, which recently competed for the U.S. Junior Championship. He also has handled television and radio commentary for the St. Louis Steamers broadcasts and the ESPN/MISL Game

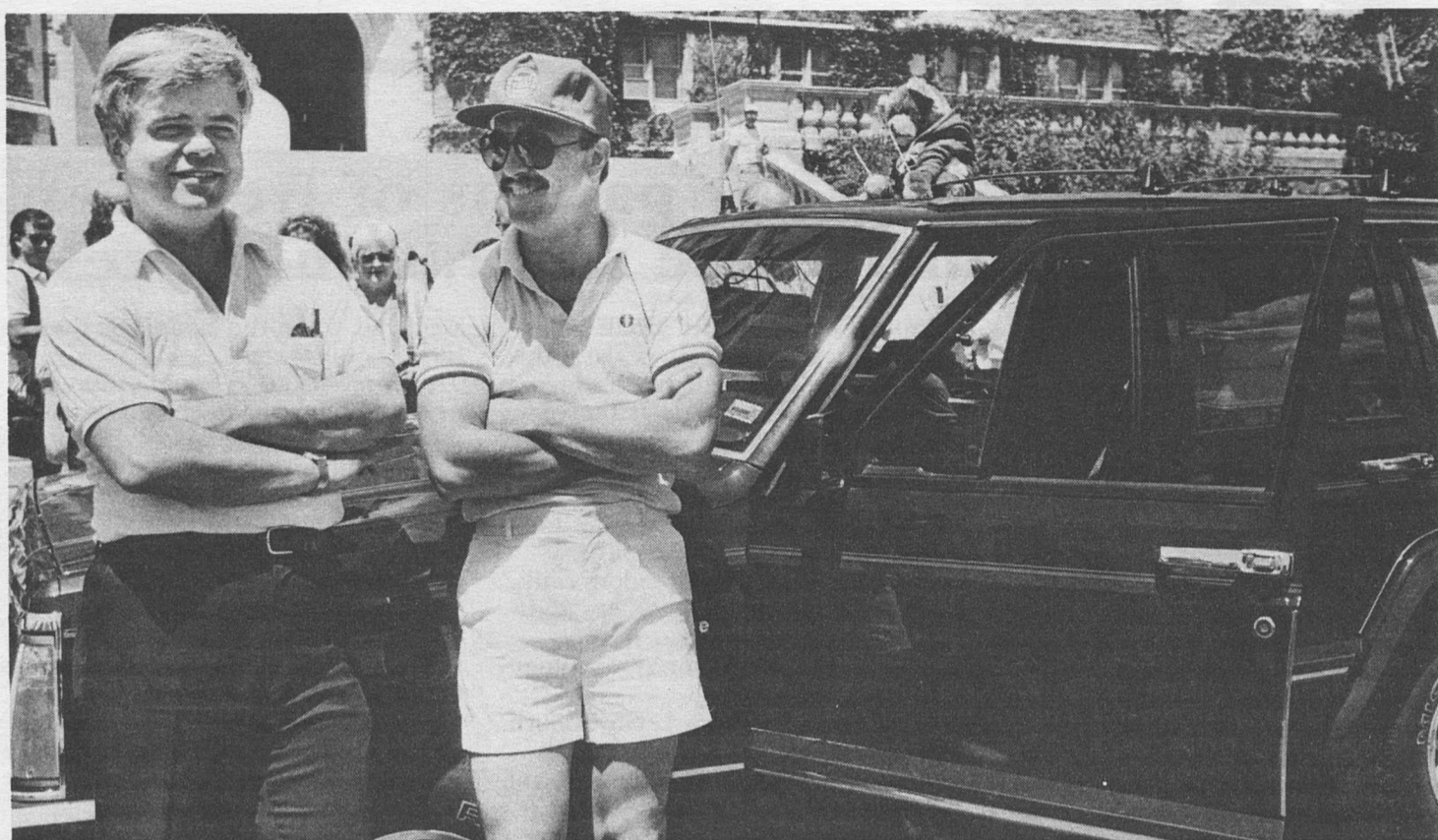
of the Week National Television broadcasts.

A native St. Louisan, Keough has been associated with soccer programs his entire life, and was a member of the St. Louis University High School State Championship team in 1973. While at St. Louis University from

Continued on p. 4



Ty Keough



Robert Benson, left, and Thomas Bugnitz in front of Brookings Hall before embarking on their eight-day journey around the United States. They drove the Jeep Cherokee Laredo pictured above throughout the first half of their trip and switched to an identical Jeep in Sioux Falls, S.D., to save wear and tear on one vehicle. Benson's son had dropped off the replacement vehicle in Sioux Falls.

## Student Affairs reorganizes; two positions created

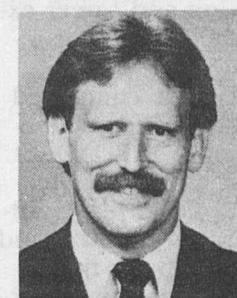
A reorganization of the Student Affairs Division has been announced by Harry E. Kisker, vice provost and dean of student affairs.

As part of the restructuring, which became effective July 1, Kisker has reorganized the division and developed two new key positions: associate dean of students for student services and associate dean of students for student development. Justin X. Carroll, who was named an associate dean of students last year and directed the student activities office, has been appointed associate dean for student services. Karen Levin Coburn, director of the Career Center for five years, has been named associate dean for student development.

The 1987-1988 reorganization completes a gradual process that Kisker began nine years ago. The changes were accelerated by the June departure of Louis W. Stark, former associate dean of students and director of the Department of Residential Life, who is now assistant vice president for student affairs at Tulane University in New Orleans, La. Kisker has deferred a search for Stark's replacement until this academic year. Meanwhile, Carroll also will serve as acting director of Residential Life.

Carroll oversees the Department of Residential Life, Student Educational Service, Student Counseling Service and Health Services. He is responsible for creating a support services program to enhance the well-being of students living in the residence halls. Among his other duties are improving students' options for University housing, designing preventive programs on topics such as alcohol and drug abuse and supervising the fraternity system.

Carroll has a master's degree in higher education from Southern Illinois University at Carbondale and a bachelor's degree in political science from Benedictine College in Atchison, Kan. He is pursuing a doctorate in education at St. Louis University.



Justin X. Carroll



Karen Levin Coburn

Coburn's responsibilities include designing a comprehensive extracurricular program for undergraduate students that will develop their leadership skills. She also supervises the Office of Student Activities, Career Center, International Office, Graham Chapel, Scheduling Coordinator, the business manager of Student Life and the manager of Campus Graphics.

Coburn's other duties include developing student workshops, creating policies for student organizations and advising student groups and campus publications.

Coburn has a bachelor's degree in English from Skidmore College, a master's in English and education from Harvard University, and a master's in counseling from Washington.

## Around the states in 80 days

Imagine driving along the highway and seeing a stuffed teddy bear, dressed in a sweatshirt and strapped to the roof of a Jeep. In the front seat are two unshaven, unkempt men who look like they haven't slept or showered in days.

Well, from the Catskills of New York to the flatlands of Texas, that was a common sight for one week this summer as the two men took to the road on an adventure in which they (and Fred the bear) drove into or through all 48 mainland states and jetted to Alaska and Hawaii — in a little more than 200 hours.

While many on campus know them as Robert J. Benson, dean of the School of Technology and Information Management, and Thomas L. Bugnitz, director of computer services, the two admit that their fellow motorists may have been a bit worried.

What would entice these seemingly sane men to leave the comforts of home to sleep in the back of a Jeep for eight days, eat food (meats and cheeses to Seattle, then mainly crackers and popcorn beyond) from convenience stores, drive 9,052 miles in 6- to 8-hour shifts, and fly almost 7,000 miles without even the pleasure of dipping their toes in the Hawaiian surf?

"It's there to be done," says Bugnitz.

"No real reason," says Benson.

There's really more to it than that.

The idea for the trip came last Jan. 29 when the two were eating dinner at E. G.'s Millbrook Cafe. As Benson explains, "We both travel a lot and we like to see different parts of the country. With 1987 marking the 200th anniversary of the signing of the Constitution, we thought it was appropriate to celebrate this event in a manner that highlights the way of life we enjoy. There is no place in this world where you can drive 9,000 miles nonstop — both governance-wise and scope-wise. The

2 amazing thing is we went across 50

independent political units with no restrictions placed on us. In no place else in the world could that happen — we wanted to recognize that."

To symbolize the link between the trip and the Constitution's anniversary, the two picked July 4th as the date they would arrive back in St. Louis. With a send-off by about 200 University friends, they began their journey at noon on Friday, June 26, from Brookings Hall. Some 450 gallons of gas and 204 hours later, Benson and Bugnitz reached their goal of 50 states in 200 hours. As a matter of fact, they hit the 50th state, Kansas, in the 199th hour.

And all of this with only minor hurdles, like losing the car keys on an airplane, and worrying whether their car travel time would coincide with the time they were to reach the two airports for the flights to Honolulu, Hawaii, and Ketchikan, Alaska.

"The last thing on my checklist was to bring extra keys — and I forgot," said Bugnitz. "I don't know how they got out of two zippered bags, but those keys are on an airplane right now traveling around somewhere." Fortunately, they lost only two hours waiting for a locksmith.

As for meeting their flight schedules, in both instances they were some 1,200 driving miles away from the airport, but they made both flights within an hour of the time they had predicted.

"I guess the other doubt was when the guy pulled us off the jetway in Hawaii and said, 'Excuse me, please stand here when we board the plane,'" Bugnitz recalls. "I said, 'Is there a problem?' and he said, 'Yes.' I thought he was going to kick us off the plane." The "problem" turned out to be that the airline employee was trying (with success) to get them in the first-class section. TWA knew of their journey and, according to Benson and Bugnitz, treated them very well.

Considering that the two each

paid only \$700 to fly round trip to both Alaska and Hawaii, all of the airlines they used treated them very well. And so did the majority of the people on the road. Taped to the Jeep's windows were T-shirts showing a map of their route along with their slogan, "50 states in 200 hours." "People were honking and waving," says Bugnitz. "A group of Hell's Angels gave us the thumbs up signal."

What was the best part of the trip? According to Bugnitz, it was the fast contrast. "At noon Saturday we're in Atlanta, at noon Sunday we're in New York City, at noon Monday we're in Dubuque, Iowa, at noon Tuesday, we're in the middle of Montana in the mountains, at noon Wednesday we're in Alaska, at noon Thursday we're in the middle of California, at noon Friday we've already been to Hawaii and back, and Saturday we're in the middle of Texas. To see New York one day and 24 hours later be in Dubuque was about as big a contrast as you can have. It was really neat. There was nothing bad about the trip."

"Except maybe that bag of cheese popcorn," interjects Benson.

"Yeah," agrees Bugnitz, "it was in Missoula about three weeks before we got there."

At the suggestion of someone on campus, the two are considering entering their feat for consideration in the Guinness Book of World Records. If it doesn't make the book, it still will be immortalized on film. They videotaped the whole trip, except during the dark of the night.

Will they do it again? "We do have some thoughts about doing it every 10 years," said Benson. "Because we have it on videotape, it would be interesting to compare the development of the country over the years."

How did Fred the teddy bear fare on the journey? "Fred ate a few bugs," says Bugnitz. "He's been washed and tumbled dry. His sweatshirt has gone through six washing cycles."

Susan Killenberg

# NOTABLES

**Lucius J. Barker**, Ph.D., Edna F. Gellhorn University Professor of Public Affairs and professor of political science, participated in the annual meetings of the National Conference of Black Political Scientists, held in Atlanta. He read a paper for the panel on The Supreme Court, Politics and Public Policy. He also chaired a panel on The Resurgence of Racism: Symbols and Substance.

**Deirdre Boden**, Ph.D., assistant professor of sociology, has presented a paper, titled "The Matching Game: A Micro-Analysis of Corporate Recruiting at an Elite Business School," at the Midwest Sociological Society Meetings. The paper was co-authored with Jeffrey Pfeffer of the Stanford Graduate School of Business.

**Richard A. Colignon**, Ph.D., assistant professor of sociology, recently served as organizer and presider at a session on "Work, Labor and Organizations" at the Midwest Sociological Society Annual Meetings in Chicago. He also presented a paper in a session on "Industrial Sociology" titled "The Dynamic Nature of Accounting Practices."

**James W. Davis**, Ph.D., professor of political science, was among 28 college faculty members from across the country invited to take part in a military history workshop held during the month of June at the United States Military Academy, West Point, N.Y. In addition to the activities at the academy, the workshop participants toured several Revolutionary and Civil War battlefields and visited the Institute for Military History at Carlyle Barracks, Pa.

**Gary R. Jensen**, Ph.D., professor of mathematics, is co-author of *Differential Systems and Isometric Embeddings*, published by Princeton University Press on June 11. The book is the first in a new series titled William H. Roever Lectures in Geometry.

**Philip W. Majerus**, M.D., professor of biological chemistry and medicine, and **Henry G. Schwartz**, M.D., August A. Busch Jr. Professor Emeritus and lecturer in neurology and neurological surgery, have been elected Fellows of the Academy of Science of St. Louis. The academy is a private, not-for-profit organization of scientists and laypeople dedicated to the promotion of science and the study of natural history in the St. Louis area.

**Robert P. Morgan**, Ph.D., professor of technology and human affairs, delivered the John and Muriel Landis Lecture at Lafayette College. His topic was "Science, Technology and International Development: Dilemma for the United States." On July 7, he participated in a National Academy of Engineering Workshop on International Exchange and Movement of Engineers. On July 8, Morgan and Elinor Barber, of the Institute of International Education, presented a seminar on the results of their research project on the impact of foreign graduate students on U.S. engineering education at the National Science Foundation, Washington, D.C. Morgan was elected to serve as speaker of the Washington University Engineering School Faculty Assembly for the 1987-1988 academic year.

**F. Hodge O'Neal**, S.J.D., dean emeritus of the law school and George Alexander Madill Professor of Law, has published an introduction to a symposium on closely held corporations in Vol. 22 of the 1987 *Wake Forest Law Review*.

**Paul C. Paris**, Ph.D., professor of mechanical engineering, was awarded the Fracture Mechanics Medal at the 20th National Symposium on Fracture Mechanics, held June 23-25 at Lehigh University in Bethlehem, Pa. Paris was honored for "leadership in education and for the development of several first principles used in fracture mechanics applications." Fracture mechanics, a phrase not coined until the 1950s, involves the study of methods to prevent the progressive cracking of metals and other materials from fatigue, overload and corrosion. Paris, considered one of the early experts on the topic, first taught the principles of fracture mechanics in 1959 at the Boeing Co. Paris was honored along with George Irwin, emeritus professor of engineering from Lehigh University. The two engineers developed the first symposium in June 1967 at Lehigh University. The symposium was sponsored by the American Society of Testing and Materials (ASTM) Committee E-24 on Fracture Testing. Approximately 40 papers were presented and 200 engineers and scientists attended the symposium.

**John A. Stern**, Ph.D., professor of psychology, is participating during July and August in the work of the Brain Research Institute (Academy of Sciences) at the Faculty of Medicine, University of Magdeburg, German Democratic Republic.

**E. Thomas Sullivan**, J.D., professor of law, has published an article titled "A New Role for the Antitrust Division as Economic Regulator" in the May 18 issue of the *National Law Journal*.

**Murray L. Wax**, Ph.D., professor of sociology, served as consultant on the undergraduate program of the (joint) Department of Sociology, Anthropology and Psychology of Southwest State University, Marshall, Minn.

**Gene M. Zafft**, LL.M., adjunct professor of law in the Graduate Tax Program, was a participant at a recent seminar sponsored by Laventhol & Horwath, a national accounting firm. The subject of the seminar was "The Challenge in Real Estate Today." Zafft's topic was "Legal Aspects of Working and Troubled Real Estate."

## Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected an officer of a professional organization? The *Washington University Record* will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your full name, highest earned degree, current title and department along with a description of your noteworthy activity to Notables, Campus Box 1070. Please include a phone number.

## Lemur research in Madagascar continues with Sussman's Fulbright

Robert W. Sussman, Ph.D., professor of anthropology, has been awarded a Fulbright grant to conduct research in Madagascar on lemurs, the rarest of our evolutionary ancestors. The Board of Foreign Scholarships and the United States Information Agency (USIA) recently announced his grant.

Sussman, who has been in Madagascar since January, is conducting research on the demography and social organization of an endangered species of lemur at the Beza Mahafaly Natural Reserve in southern Madagascar. He also is serving as field coordinator at this reserve in 1987.

The Beza Mahafaly Reserve was established as part of an international, interuniversity project between Washington University, Yale University and the University of Madagascar. The project is part of a long-term program aimed at enhancing the conservation status of two national nature reserves in southern Madagascar, developing a better information base on the fauna and flora of these areas, training Malagasy scientists and students, and developing a strategy of rural development

for populations living near reserve areas.

Besides the Fulbright program, this project is supported by the World Wildlife Fund and the United States Agency for International Development.

Sussman's wife, Linda Sussman, and one of his graduate students, Michelle Sauther, also are conducting research at Beza Mahafaly reserve this year. Linda Sussman, Ph.D., research instructor in sociology in the Department of Psychiatry at the medical school, is studying the medical practices and use of plants as medicines and foods by the people living near the reserve. She received a Fulbright Research Grant last year and also is supported by the National Science Foundation and National Geographic Society.

Sauther is conducting her doctoral research on feeding behavior of ring-tailed lemurs in the reserve and is supported by a National Science Foundation Dissertation grant.

Since 1969, the Sussmans have made trips to Madagascar to do research.

## Career Center promotes Krout-Levine

Ellen Krout-Levine has been named associate director of the Washington University Career Center. Formerly a career counselor with the center, Krout-Levine will continue to counsel students and alumni. In her new position, she also will manage and coordinate the newly developed peer counseling program, all outreach

programs and the Career Library.

Krout-Levine joined the Career Center as a counselor in 1984. She holds a bachelor's degree in anthropology and sociology from Macalester College in St. Paul, Minn., and a master's degree in counseling psychology from the University of Missouri-Columbia.

## NEWSMAKERS

Washington University faculty and staff make news around the globe. Following is a digest of media coverage they have received during recent weeks for their scholarly activities, research and general expertise.

**Scare tactics** for selling "medigap" policies (insurance that is supposed to cover medical costs not covered by Medicare) to older Americans is increasing, according to some sources. Duplicate coverage is the "most dastardly of the medigap scams," says Joel Leon, Ph.D., assistant professor of social work, in the June 16 issue of the *Washington (D.C.) Post*. Experts caution prospective insurance buyers to purchase only enough protection to cover what Medicare does not. Leon adds, "People are more tuned into long-term health care needs because of awareness of Alzheimer's disease and other chronic degenerative illnesses. That opens up a whole new opportunity to sell people insurance that really doesn't provide long-term coverage and capitalizes on their fear of being left unprotected."

"Pulled from the brink" is the headline of a story in the June 16 *Chicago Sun-Times* about Carol North, M.D., instructor in psychiatry. The article discusses North's battle against acute schizophrenia and reviews her recently published autobiography, *Welcome Silence* (Simon

and Schuster). The book chronicles her life as a mental patient who, with little hope from her doctors, underwent an experimental medical procedure nine years ago and recovered.

## RECORD

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# CALENDAR

Aug. 27-Sept. 5

## LECTURES

### Tuesday, Sept. 1

2 p.m. Panel Discussion, "CASE: Technology Transfer in Corporate Culture." Sponsored by the School of Technology and Information Management, Dept. of Computer Science and Business School. For location, call 889-5380.

### Wednesday, Sept. 2

11 a.m. Assembly Series Lecture, "The Constitution: Power and Freedom," Anthony Lewis, columnist, The New York Times. Graham Chapel.

4 p.m. Dept. of Physics Colloquium, "Micro-Electrodynamics," E.T. Jaynes, WU prof. of physics. 204 Crow.

## MUSIC

### Friday, Aug. 28

WU Symphony Orchestra Auditions at the music dept. (Also Sat., Aug. 29, and Mon., Aug. 31.) Open to WU students, faculty and the St. Louis community. For more info. or to schedule an audition, call the music dept. at 889-5581.

### Monday, Aug. 31

4-6 p.m. Chamber Music Ensemble Audition. Blewett B-8. (Also Tues., Sept. 1, 7-10 p.m. Blewett B-8.)

4-6:30 p.m. WU Wind Ensemble Auditions. (Also Tues., Sept. 1, same time.) Tietjens Rehearsal Hall.

### Wednesday, Sept. 2

6-10 p.m. WU Jazz Band Auditions. For more info. or to schedule an audition, call the music dept. at 889-5581.

## EXHIBITIONS

The Gallery of Art will be closed through Oct. 2 while the lower level galleries are renovated. It will reopen with a special exhibition called "Paris in Japan," organized by the Gallery of Art and the Japan Foundation of Tokyo.

"Drawings of Sculptures by Artists." Through Sept. 20. Bixby Gallery, Bixby Hall. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

## FILMS

### Friday, Aug. 28

7 and 9:30 p.m. WU Filmboard Series, "Birdy." \$2. Brown Hall. (Also Sat., Aug. 29, same times, and Sun., Aug. 30, at 7 p.m., Brown.)

Midnight. WU Filmboard Series, "Liquid Sky." \$2. Brown Hall. (Also Sat., Aug. 29, same time, and Sun., Aug. 30, at 9:30 p.m., Brown.) On Aug. 28 and 29, both the feature and midnight films can be seen for a double feature price of \$3.

### Monday, Aug. 31

7 and 9:15 p.m. WU Filmboard Series, "Taxi Driver." \$2. Brown Hall. (Also Tues., Sept. 1, same times, Brown.)

### Wednesday, Sept. 2

7 and 9:15 p.m. WU Filmboard Series, "Playboy of the Western World." \$2. Brown Hall. (Also Thurs., Sept. 3, same times, Brown.)

### Friday, Sept. 4

7 and 9:45 p.m. WU Filmboard Series, "All The President's Men." \$2. Brown Hall. (Also Sat., Sept. 5, same times, and Sun., Sept. 6, at 7 p.m., Brown.)

12:30 a.m. WU Filmboard Series, "Plan 9 From Outer Space." Admission is \$2, but you'll get \$1 back if you stay until the end. (Also Sat., Sept. 5, same time, and Sun., Sept. 6, at 9:45 p.m., Brown.)

## SPORTS

### Tuesday, Sept. 1.

7:30 p.m. Soccer, WU vs. St. Louis U. Francis Field.

### Wednesday, Sept. 2

7 p.m. Volleyball, WU vs. Maryville College. Athletic Complex.

## Calendar Deadline

The deadline to submit items for the Sept. 10-19 calendar of the *Washington University Record* is Aug. 27. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1070.

## Filmboard makes improvements in comfort, quality

Washington University Filmboard, which offers the public a series of classic, foreign, feature and midnight films throughout the academic year, has announced major improvements in the comfort and quality of its service.

According to Gary Scheiner, Filmboard publicity coordinator, the student-run movie service has installed 276 new cushioned seats in Washington University's Brown Hall auditorium where the films are presented. The new seats were installed earlier this month.

A new EIKI 6100 projector also has been purchased. "The new projector is large enough that films can be spliced together and put on one huge reel," says Scheiner. "The old projectors malfunctioned frequently and required several switchovers during a film. The new projector should eliminate most, if not all, of those problems."

The acoustics in the auditorium also have been upgraded. Following an evaluation, a new multi-band graphic equalizer designed to match the acoustics of the room has been installed. The new sound system lessens the dulling of deep bass sounds and also allows high frequency and distorted voices to be heard more clearly. In addition, Filmboard has installed a new screen and is planning to build a ticket/concession counter.

Filmboard is a non-profit, student-run organization that receives limited funding from Student Union. Regular admission to showings is \$2, and \$3 on weekends for both the feature film and the midnight film.

For information on the film schedule, call the Filmboard Hotline at 889-5983.

## Women needed in psychology study

Women aged 35 to 60 are needed to participate in a doctoral research project sponsored by the Department of Psychology at Washington University. The project focuses on the concerns, relationships and activities of women in their middle years of life.

Participation involves a brief telephone interview to determine eligibility for the study and a 45-minute face-to-face interview. Recruits are paid \$10. For more information, call Angela Rosenberg at 889-6522.

## Letting go — continued from p. 1

Benjamin Spock's advice made the "terrible twos" bearable.

"Students expect their parents to walk a tightrope, being there for them when they need help, but not intruding into their new lives unless asked," Coburn explains.

The relationship between parents and student is often shaped by the expectations of each. "Most parents carry images of college from their student days in the 1950s and 1960s. Ivy-covered buildings, bright professors and chaperoned social events fill their memories," Treeger says. "But our society has changed radically since those years, and so have colleges and universities."

The buildings may look the same, but bulletin boards reveal how much college life has changed. Mixed with homecoming posters and lecture notices are announcements for a bulimia support group, gay and lesbian alliance film festival, MacIntosh users group and nuclear freeze rally.

"Students today feel greater pressure and face more choices than their parents did. In addition to coed dorms and increased support services for students, colleges also have far more diverse student populations," Treeger says. She urges parents to tune in to the pressure their children feel.

All college students struggle with what the Washington University counselors call the three I's: identity, independence and intimacy. "Students gradually separate from their parents as they develop a sense of identity, learn to handle the responsibilities associated with independence and establish intimacy," Treeger says.

Coburn and Treeger found that leaving home may mean a loss of identity for many freshmen. "They are no longer associated with a particular school, church or community group. Their peers don't know their background. During college, students develop career, personal and sexual identities," Treeger says.

Experimentation with sex, drugs, alcohol and new lifestyles can be a major part of this process. Boys may come home for Thanksgiving break with an earring, girls with a radical hairstyle. Clothing from resale shops may replace the Izods and Polos.

"All these changes are symbolic of the struggle going on inside. Your children are trying on new identities and facing more choices than ever before. Parents can help by being supportive and not trying to take control," Coburn advised.

James T. Madore

## Preview of college — continued from p. 1

the organization needed a university to host the institute. Detrick is treasurer of the INROADS/St. Louis Policy Board and recently received the organization's "Volunteer of the Year Award."

"Upon hearing we were looking for a university to host the summer session, Glenn Detrick started going to work," says Warren. "He connected with the proper sources and revved up enthusiasm." Ronald C. Freiwald, Ph.D., associate professor of mathematics and director of the Summer School, and James E. McLeod, director of the African and Afro-American Studies Program, also assisted in the project.

INROADS main objective is to place college graduates with sponsoring companies. To accomplish this goal, the organization has two components: the Pre-Collegiate Component and the College Component. The Pre-Collegiate Component is designed to prepare high school students for college via enrichment courses; training and development;

academic, personal and career counseling; tutorial services; and opportunities to compete for career-related summer internships. The summer institute at Washington University is part of the Pre-Collegiate Component. The College Component provides students with consecutive summer internships with local sponsoring corporations.

Warren says the summer institute was a "wonderful growth and development opportunity for the students, the University and the INROADS/St. Louis affiliate. Washington University has a fine academic reputation and the students were exposed to top-notch instructors. I feel real good about the institute. I hope this is the beginning of a long-term relationship at Washington University."

Chancellor William H. Danforth said, "Washington University is pleased to be a partner with INROADS in providing this opportunity for high school students of the St. Louis area."

Carolyn Sanford

## Soccer coach — continued from p. 1

1975-1978, he was named an All-American four times.

A member of the U.S. Olympic Team in 1977 through 1980, his team qualified in the preliminary rounds in Mexico and Costa Rica, but did not participate in Moscow because of the United States' boycott of the Olympics in the Soviet Union.

His professional career includes eight seasons in the Major Indoor Soccer League (MISL). From 1985-1986, he was with the Kansas City Comets; from 1979 through 1985 with the St. Louis Steamers; and from 1978-1979 with the Cincinnati Kids.

While with the St. Louis Steamers, he was a member of the team that won the Division three times,

and was a member of the team that participated three times in the play-off championship finals. He was also a three-time MISL All-Star.

Keough also had four seasons with the North American Soccer League (NASL). He played from 1979 to 1982 with the San Diego Sockers, who won the West Division title three times. He was named to the 1981 All-North American Team of the San Diego Sockers.

He is an active civic and youth leader and has participated in many volunteer programs including Big Brothers of St. Louis, the Cerebral Palsy Telethon, Muscular Dystrophy Association and programs for the handicapped.