Civil rights giant Julian Bond to address 139th Commencement

By SUSAN KILLENBERG MCGINN

Julian Bond, one of the nation's most respected civil rights leaders, has been selected to give the Commencement address for the 2000 graduation ceremony at Washington University, according to Chancellor Mark S. Wrighton. The University's 139th Commencement will be held May 19 in Brookings Quadrangle. During the ceremony, Bond will receive an honorary doctor of laws degree.

Known not only for his role in the struggle for civil rights and peace for 40 years, said Wrighton, "At the beginning of a new century of American life, it is fitting that we honor him for his contributions as we look forward to the work that still needs to be done. We look forward to hearing a commencement message from a seasoned and thoughtful politician, professor and writer who never fails to raise tough issues. I know that we will all be challenged and moved by what he has to say."

Advance the goals of the Office of National and Community Service, a national volunteer service. Its goal is to help older adults continue their education, enhance the quality of life for individuals with disabilities, and enrich the lives of people in communities throughout the country, especially those hardest hit by such challenges as poverty, substance abuse, and AIDS. For a limited time, volunteer positions are available for the National Service Corps and for older adults in the Senior Corps. These positions are funded by the National Endowment for the Humanities and the Corporation for National and Community Service (CNCS).

Okenfuss also conceived, developed and directed a similar 26-city national program called "Rebuilding Russia: Search for Identity," which opened in 1996 with an Assembly Series lecture in Graham Chapel. Both programs have been funded by the National Endowment for the Humanities and administered through OASIS (Older Adult Service Information System), a national education organization designed to enhance the quality of life for mature adults. OASIS offers challenging programs in the arts, humanities, wellness and volunteer service. Its goal is to help older adults continue their personal growth and provide meaningful service to the community.

In St. Louis, OASIS has teamed with BIC Plus, a cooperative sponsored by the BIC Health System, Famous Barr, Mercantile Bank, Advanta and Emerson Electric Co. to develop a new program called "Explore Your World." The program is designed to help older adults explore their personal interests and develop new skills. The program is offered at the Jewish Community Center, the St. Louis Senior Center and the OASIS Center.

The program is open to all older adults in the St. Louis area, and there is no cost to participate. For more information, call 314-222-1500.

The Research Support Services Assessment Project (RSSAP), under the direction of Theodore J. Cicero, Ph.D., vice chancellor for research, continues to strengthen research administration support services for faculty and department administrators. As part of the ongoing effort, the vice chancellor's office will hire an associate vice chancellor for research administration.

This person will lead the redesign of the research administration process, including planning and implementing, to support faculty research efforts. Responsibilities will include building and maintaining relationships with central research areas, academic departments and faculty.

The search committee, chaired by James Wertsch, professor of history at the University of Missouri, St. Louis, is currently accepting applications. Applications should be submitted to the Office of Research Administration, Room 10, Hilltop Campus, St. Louis, Mo. 63130, attention: RSSAP, or via email to rssap@wustl.edu. The deadline for applications is March 1, 2000.

In London Gerald Early, Ph.D., the Merle Kling Professor of Modern Letters and professor of English and African and Afro-American Studies in Arts & Sciences, presents the inaugural T.S. Eliot Lecture in American Studies Thursday, Feb. 17, at the University of London's Institute of United States Studies (IUESS). Extended to strengthen ties between Washington University and the University of London, the T.S. Eliot Lectureship and Fellowship Program continues this spring when Lord William Rees-Mogg visits the Hilltop Campus to give a public lecture May 1.
$38,000 A&E goal set at University
Music, theater, dance, visual arts cast world in brighter light

By Liam O'Ferr

Nowadays, everybody knows that St. Louis is a great sports town. But most of us also know that St. Louis is a great cultural town as well, home to more than its fair share of music, visual art, dance, theater and literature. And like the Rams, the Blues and the Cardinals, the arts need the support of their fans to continue to thrive and grow:

Cardinals, the arts need the University's support, said the Bear's representative from the Medical Campus employees' group, which has mandated electronic grants submission, a working group of federal agencies, the work group has found that will focus on research activities and institutions. It uses this revenue to help fund some of the area's major arts institutions and to underwrite grants to nearly 150 other arts organizations. A&E also is instrumental in supporting educational outreach programs designed to bring first-class performances and entertainment to children and senior citizens who otherwise might not be able to attend live performances.

"The arts are not a luxury for a civilized society," said Henry E. Schuy.

Over the last 37 years, employes at Washington University have posted a winning record of support for the annual fund drive of the Arts & Education Council of Greater St. Louis (A&E). A&E, which provides funding for numerous local arts organizations, needs the University's support, noted Chancellor Chanelle St. Louis, who has set a $38,000 goal for the community's 2000 A&E campaign.

"Music, theater, dance, and the visual arts all help us see our own world in new ways and in a brighter light," wrote a letter to University employees. "In St. Louis, the Arts & Education Council has been an important mainstay in the support of these important art forms. I hope that we will once again be able to make the kind of contribution that represents our commitment to the importance of the arts in our region.

Faculty and staff received Wrightson's letter earlier this week, along with a package of information about the fund drive and a pledge card that explains the benefits for those who contribute and how the contributions are used.

A&E does not receive public funds or government grants. Rather, the organization solicits donations from local individuals and institutions. It uses this revenue to help fund some of the area's major arts institutions and to underwrite grants to nearly 150 other arts organizations. A&E also is instrumental in supporting educational outreach programs designed to bring first-class performances and entertainment to children and senior citizens who otherwise might not be able to attend live performances.

"The arts are not a luxury for a civilized society," said Henry E. Schuy.

Over the years the University has received A&E support for Edinburgh Theatre, the Gallery of Art and the International Writers Center in Arts and Sciences, among others.

"A&E is a vital resource to the University's community," said Lorin Ginz, director of the International Writers Center, which receives funding for both its readings and its conferences. "Not only do they support us financially, but also culturally and philosophically as well. They understand that the arts need to be unfiltered and free to take risks."

Campus quiz: What Medical Campus building do you enter as you pass under this elegant stonework? Answer below.

Attention scholars

The fifth annual Graduate Research Symposium sponsored by the Graduate Student Senate will take place April 1, and the call has gone out for abstracts. All graduate and professional students are invited to prepare displays and presentations for faculty and fellow graduate students attending the event. The symposium provides participants with professional experience and the opportunity to share their research. Abstracts and application forms are due by March 1; for more information, call 935-7355 or e-mail gss@wustl.edu; or visit the Web (http://arts.wustl.edu/).

Study subjects sought

A School of Medicine research team is seeking participants for a study of athletes' foot. Michael P. Heffernan, M.D., instructor in dermatology, is leading the study of a new topical treatment that could prevent athlete's foot. Participants must be available for 10 visits during a six-month period. They will receive free medication and office visits and compensation for their time and travel. For more information, call 935-7355.

Article: This handsome decoration can be found above the exit entrance to the Biotechnology Center.

Bears

Women capture win streak record — from page 1

"But come tomorrow, we'll be back to business as usual," Fisher said after the Bears faced a gauntlet earlier this week.

The Bears took their first steps towards winning the right national championship, defeating Emory University 69-54 on Sunday afternoon in Atlanta for their 12th straight victory.

Fisher again led all scorers with 24 points and pulled down a game-high eight rebounds as Washington U. improved to 24-0 on the year and 14-0 in the UAA. The Bears can secure their second consecutive undefeated UAA season and their 15th straight national championship with a Senior Night win Saturday versus the University of Chicago at the Field House.

The only other team in college basketball — any division, men's or women's — to post back-to-back undefeated seasons was the University of California, Los Angeles men's team, who accomplished the feat in 1971-72 and 1972-73. The UCLA men are also the only team with a longer winning streak than the 1971-72 Bears, 88 games from 1971-74.

"We've got a long way to go to get that one," Fisher said following the win. "But we're on a roll."

In the game against Emory, where the Bears had lost in four of their previous five trips, Fisher scored six points early as Washington U. opened the game with a 10-6 lead. The Bears held Emory to 48% shooting with 9:48 remaining in the first half and never were behind by 10 points, but the Eagles stepped up their defense connected on a three-point field goal. But the Bears used an 11-2 run over the final six minutes to open up a 30-14 lead with 3:34 left on March 20. For more information, call 935-7355.

Rodgers joined Fisher as the only other Bear to score more than five figures with 16 points. Harold added eight points and Tucker had six points and grabbed seven rebounds.

RSSAP

Efforts to strengthen research support continue — from page 1

By John R. Loya, vice chancellor for human resources, includes representatives from the Medical Sciences and Hilltop campuses and is working with the executive search committee to recruit candidates nationally.

"The new associate vice chancellor for research administration will play an instrumental role in implementing the chancellor's vision for improving research administration at Washington University," Cicero said. "We have made considerable progress in enhancing the University's research support function during the last three years and we believe that this is a very exciting time for the University, as we develop a system that will position us to take full advantage of the exciting new research opportunities that will be available to our faculty and research administrators."

The RSSAP Planning Committee also surveyed 17 universities about their research compliance programs and concluded that Washington University needs to enhance documentation of policies, procedures and performance standards and clarify roles and responsibilities of all faculty and staff. Additionally, the panel identified areas for improved education and training, better information systems to support monitoring and education and a person who is responsible for research compliance.

As a result, another RSSAP planning group is working with Cicero on a proposal to establish a second new position in the office that will focus on research compliance. This employee will be the RSSAP Committee to get information out and connect with all the existing, new or revised research-related regulations and policies. In addition, this person will develop a set of tools to provide easy access to events and information about research activities within the University, at funding agencies and elsewhere.

Regarding electronic grants submission, a working group of the RSSAP's Information Technology Task Force has continued to monitor federal and nongovernmental agencies' efforts to establish electronic submission. Establishing contacts at most federal agencies' websites, the group has confirmed that agencies are developing a paperless federal research submission by October 2000, the work group has found. According to the group, no urgent plans for electronic submission. Each agency has slightly different data requirements, and each might offer different options for submitting proposal data.

"It's clear that many federal and nongovernmental agencies are moving toward the expectation of electronic submission of grants," said Denise A. McCartney, associate director of the Office of Research and Services and a member of the Information Technology Task Force. "That means that the University needs to address..."
Crucial protein prevents miscarriages in mice

BY BARBRA RODRIGUEZ

A mother’s immune system must be kept in check so it doesn’t attack the baby, which contains foreign genetic material. So far, no comprehensive explanation has emerged about how this process, called fetomaternal tolerance, occurs.

A School of Medicine researcher now has evidence that an immune system protein called Crry (complement regulatory receptor-related gene Y) is crucial for fetomaternal tolerance. In its absence, an embryo becomes starved of nutrients as its placenta becomes insufficient to provide adequate nutrients.

Unleashed destructive attack by Crry

“Without this single molecule, complement activity in the immune system is activated, resulting in embryonic death,” said Hector D. Molina, M.D., principal investigator of the study, who has just been published in the journal Science.

Molina, an assistant professor of medicine and pathology, led the team that performed the research. Along with Guozhen Cheng, Shuang Xu, M.D., and Thomas C. Max, M.D., the lead authors of the article, the team also plans to investigate the role of Crry in other types of miscarriages in women.

The rodent Crry protein regulates a branch of the immune system called the complement system, which helps destroy foreign material such as bacteria and viruses and prevents complement proteins called C3 and C4 from damaging cells for immune-system destruction.

Molina’s team found that mice that should have given birth to healthy offspring had Crry-deficient placentas that were undersized. This suggested Crry might have a role in miscarriage.

Permutt receives $2.6 million to study functional genetics

School of Medicine investigators have received a three-year, $2.6 million grant from the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) to study how genes are related to diabetes. In particular, they hope to study genes important to the proper function of beta cells in the pancreas, which secrete insulin.

San Diego’s National Hormones and Diabetes Institute, a research arm of the NIDDK, is looking for genetic markers to measure various biochemical changes in the eye. This study will allow the investigators to keep track of changes in activity of the body. By the 10th day, the brain, they measure changes in blood flow as a way to monitor changes in the level of activity in various brain structures. In cancerous tumors, PET imaging can also detect changes in glucose metabolism to predict how aggressive various tumors will be. In the new experiments, the microPET scanner will measure changes in immune cell activity in the eye as well as the brain.

Kaplans awarded grant to study eye inflammation

Ophthalmology and radiology investigators at the School of Medicine have received a grant from the National Eye Institute to conduct imaging studies looking at the role of complement in the immune system in the onset and progression of uveitis — an inflammation of the middle layer of the eye that can lead to loss of vision.

The five-year $2.6 million grant will fund a research project involving a new microPET (positron emission tomography) camera capable of imaging rodents at high resolution. This technology will allow the investigators to keep track of biochemical changes in the eye. PET scanners use radioactive markers to measure various types of activity in the body. In the brain, they measure changes in blood flow as a way to monitor changes in the level of activity in various brain structures. In cancerous tumors, PET imaging can also detect changes in glucose metabolism to predict how aggressive various tumors will be.

The five-year $2.6 million grant will fund a research project involving a new microPET (positron emission tomography) camera capable of imaging rodents at high resolution. This technology will allow the investigators to keep track of biochemical changes in the eye. PET scanners use radioactive markers to measure various types of activity in the body. In the brain, they measure changes in blood flow as a way to monitor changes in the level of activity in various brain structures. In cancerous tumors, PET imaging can also detect changes in glucose metabolism to predict how aggressive various tumors will be. In the new experiments, the microPET scanner will measure changes in immune cell activity in the eye as well as the brain.

Samuel B. Guze, M.D., the first tenured appointment at the Washington University School of Medicine and a pioneer in emphasizing their medical and biological origins. He was part of a Washington University group that introduced the biological approach to psychiatric disorders.

The Salmon Medal is the latest of many honors that Guze has received during his distinguished career. They include the Sarnat Prize in Mental Health from the Institute of Medicine, the Paul Hoch Award from the American Psychiatric Association, the Distinguished Public Service Award from the Department of Health and Human Services and an Alumni/Faculty Award from the School of Medicine. Guze received a bachelor’s degree in 1942 and a medical degree in 1946, both from Washington University. He joined the faculty in 1951. In 1971, he was appointed vice chairman for medical affairs and president of the Washington University Medical Center, positions he held until 1989. He was head of the Department of Psychiatry from 1975 to 1989 and again from 1993 to 1997.
Poet Stephen Dunn visits for reading, panel on publishing and literary arts

The Department of English and the Creative Writing Program, both in Arts & Sciences, will sponsor a pair of events focused on publishing and the literary arts. Devin Johnson, poetry assoc. prof., of geosciences, Franklin and Marshall College, Pa., and Michelle Vollmar in the Creative Writing Program at 935-7130. For more information, call Michelle Vollmar in the Creative Writing Program at 935-7130.
WASHINGTON UNIVERSITY DRUG AND ALCOHOL POLICY

A federal mandate requires that the following Drug and Alcohol Policy be distributed to all Washington University employees and students. Please post or file accordingly.

I. Introduction

The president's National Drug Control Strategy, issued in September 1989 proposed that Congress pass legislation to require schools, colleges and universities to implement and enforce drug prevention programs and policies as a condition of eligibility to receive federal financial assistance, including student financial aid. On December 12, 1989, the president signed the Drug-Free Schools and Communities Act Amendments of 1989, Public Law 101-226. That law also requires institutions receiving federal financial assistance to prevent the illegal use of alcohol by students and employees.

The law requires that, as a condition of receiving federal funds, Washington University must certify that it has adopted and implemented a program to prohibit the unlawful possession, use or distribution of illicit drugs and alcohol by students and employees on its property or as part of any of its activities. Accordingly, Washington University has instituted this policy, which became effective on and after October 1, 1990.

II. Policy Statement

It is the goal of Washington University to protect the public health and environment of members of the University by promoting a drug-free environment.

In accordance with the mandate of the federal legislation, the manufacture, distribution, possession or use of illicit drugs, and the unlawful possession, use or distribution of alcohol on Washington University property or as part of any of its activities is prohibited.

Violations of the policy will be handled according to existing policies and procedures covering the conduct of administrators, faculty, students, and staff.

A. Standards of Conduct — Illicit Drugs: The unlawful manufacture, possession, distribution or use of illicit drugs on Washington University property or as part of any of its activities by University students, employees or their guests is prohibited.

B. Standards of Conduct — Alcohol: Federal legislation prohibits the unlawful possession, use or distribution of alcohol. Therefore, the possession and use of alcohol by non-intoxicated persons twenty-one (21) years of age or older is, according to Missouri law, lawful. University policies limit the lawful use of alcohol to appropriate occasions. Undergraduate students should contact the Office of Student Affairs for standards governing student parties and student use and possession of alcohol. Graduate students should contact their Dean's office. Contact the Office of Human Resources on either campus for specific standards governing non-academic employees.

III. Legal Sanctions

A. Drugs: The manufacture, possession, sale, distribution and use of illicit drugs is prohibited by city and county ordinance, state law and federal statute. Punishments range from fines of $50 to life imprisonment. The statutes and ordinances define the drugs deemed "illicit." Attached, as Appendix A, is a summary of federal sanctions. Chapter 195 of the Revised Statutes of Missouri addresses illicit drugs. Section 195.214 of the Missouri statutes specifically prohibits the distribution of any controlled substance on University property. Persons convicted of this offense can be sentenced to imprisonment for not less than ten (10) years. To review specific provisions of applicable ordinances and statutes, contact the Office of the General Counsel (935-5152).

B. Alcohol: Missouri's Liquor Control Law makes it illegal for a person under the age of twenty-one years to purchase, attempt to purchase, or possess any intoxicating liquor. Section 311.325 RSMo. Violation of this provision can subject one to a fine between $50 and $1000 and/or imprisonment for a maximum term of one year. County and municipality ordinances contain similar prohibitions and sanctions. To review specific provisions of applicable ordinances and statutes, contact the Office of the General Counsel (935-5152).

IV. Health Risks

A. Drugs: Severe health risks, including death, are associated with the use of illicit drugs. Some are stated in Appendix B. For further information, contact the Center for Chemical Abuse Prevention Education (CAPE) (935-4062) or the University Health Services (Hilltop Campus — 935-6666) (Medical Campus — 362-3523).
B. Alcohol: Abuse of alcohol can produce severe health risks, including death. Alcohol consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses of alcohol also increase the incidence of a variety of aggressive acts, including spouse and child abuse. Moderate to high doses of alcohol cause marked impairments in higher mental functions, severely altering a person’s ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effects just described.

Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life-threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition, can also lead to permanent damage to vital organs such as the brain and the liver.

Women who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and mental retardation. In addition, research indicates that children of alcoholic parents are at greater risk than other youngsters of becoming alcoholics. For further information, contact the Center for Chemical Abuse Prevention Education (CAPE) (935-4062) or the University Health Services (Hilltop Campus — 935-6666) (Medical Campus — 362-3523).

VI. Disciplinary Sanctions
Different disciplinary procedures are applicable to faculty, staff and students. Violations of the standards of conduct will be dealt with on a case by case basis with the imposition of discipline being appropriate to the severity of the violation. For each group comprising the University community, there are certain common sanctions that could be applied in an appropriate case. These common sanctions include letters of reprimand, probation and severance of ties with the University, through expulsion or termination. Normally, opportunity for referral to an appropriate rehabilitation program occurs and is usually associated with a first offense. Referral for prosecution will undoubtedly occur only for the most serious violations.

A. Faculty: Faculty discipline is normally administered, in the informal manner, by the faculty member’s department head, or by the appropriate executive vice chancellor and dean. Faculty members can be terminated for cause only after a hearing conducted before a panel of faculty peers.

B. Staff: The non-academic staff is subject to disciplinary procedures administered by the staff member’s department in consultation with the human resources offices on the Hilltop and Medical campuses. The normal range of personnel actions could occur. Staff members are entitled to hearing and redress by a panel of peers.

C. Students: The University Judicial Code governs students’ conduct and establishes procedures for adjudicating complaints against students. Expulsion is the most severe sanction possible. In addition, residence halls (including fraternity houses) can impose discipline upon residents. The University may terminate the residence hall contracts of students violating its standards.
# Controlled Substances — Uses and Effects

<table>
<thead>
<tr>
<th>Drugs/Csa Schedules</th>
<th>Trade or Other Names</th>
<th>Medical Uses</th>
<th>Dependence</th>
<th>Tolerance</th>
<th>Usual Method of Administration</th>
<th>Possible Overdose</th>
<th>Effects of Overdose</th>
<th>Withdrawal Syndrome</th>
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<tbody>
<tr>
<td><strong>Narcotics</strong></td>
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<tr>
<td>Opium</td>
<td>II III V</td>
<td>Analgesic, antidiarrheal</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>3-6 Oral, smoked</td>
<td>Euphoria, drowsiness, respiratory depression, constipated pupils, nausea</td>
<td>Slow and shallow breathing, clammy skin, convulsions, coma, possible death</td>
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<tr>
<td>Morphine</td>
<td>II III</td>
<td>Analgesic, Antitussive</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>3-6 Oral, injected</td>
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<tr>
<td>Codeine</td>
<td>II III V</td>
<td>Analgesic, antitussive</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Yes</td>
<td>3-6 Oral, injected</td>
<td></td>
<td></td>
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<tr>
<td>Heroin</td>
<td>I</td>
<td>None</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>3-6 Injected, sniffed, smoked</td>
<td></td>
<td></td>
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<tr>
<td>Hydromorphone</td>
<td>II</td>
<td>Analgesic</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>3-6 Oral, injected</td>
<td></td>
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<tr>
<td>Meperidine (Pethidine)</td>
<td>II</td>
<td>Analgesic</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>3-6 Oral, injected</td>
<td></td>
<td></td>
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<tr>
<td>Methadone</td>
<td>II</td>
<td>Analgesic</td>
<td>High-Low</td>
<td>High-Low</td>
<td>Yes</td>
<td>12-24 Oral, injected</td>
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<tr>
<td>Other Narcotics</td>
<td>II III IV V</td>
<td>None</td>
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<tr>
<td><strong>Depressants</strong></td>
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<tr>
<td>Chlortal hydrate</td>
<td>IV</td>
<td>Hypnotic</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Yes</td>
<td>5-8 Oral</td>
<td></td>
<td>Shurred speech, disorientation, drunken behavior without odor of alcohol</td>
</tr>
<tr>
<td>Barbiturates</td>
<td>II III IV</td>
<td>Numbing, sedative, hypnotic</td>
<td>High-Mod.</td>
<td>High-Mod.</td>
<td>Yes</td>
<td>1-16 Oral</td>
<td>Anxiety, insomnia, tremors, delirium, convulsions, possible death</td>
<td></td>
</tr>
<tr>
<td>Benzodiazepines</td>
<td>IV</td>
<td>Sedative, hypnotic</td>
<td>Low</td>
<td>Low</td>
<td>Yes</td>
<td>4-8 Oral</td>
<td></td>
<td></td>
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<tr>
<td>Methaqualone</td>
<td>I</td>
<td>Sedative, hypnotic</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>4-8 Oral</td>
<td></td>
<td></td>
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<tr>
<td>Glutethimide</td>
<td>III</td>
<td>Sedative, hypnotic</td>
<td>High</td>
<td>Moderate</td>
<td>Yes</td>
<td>4-8 Oral</td>
<td></td>
<td></td>
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<tr>
<td>Other Depressants</td>
<td>IV</td>
<td>Antianxiety, sedative, hypnotic</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Yes</td>
<td>4-8 Oral</td>
<td></td>
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<td><strong>Stimulants</strong></td>
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<tr>
<td>Cocaine</td>
<td>II</td>
<td>Local anesthetic</td>
<td>Possible</td>
<td>High</td>
<td>Yes</td>
<td>1-2 Oral, injected</td>
<td>Increased alertness, excitement, euphoria, increased pulse rate and blood pressure, insomnia, loss of appetite</td>
<td>Agitation, increased in body temperature, hallucinations, convulsions, possible death</td>
</tr>
<tr>
<td>Amphetamines</td>
<td>II</td>
<td>Attention deficit disorders, narcolepsy, weight control</td>
<td>Possible</td>
<td>High</td>
<td>Yes</td>
<td>2-4 Oral, injected</td>
<td>Apathy, long periods of sleep, irritability, depression, disorientation</td>
<td></td>
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<tr>
<td>Phenmetrazine</td>
<td>II</td>
<td>Weight control</td>
<td>Possible</td>
<td>High</td>
<td>Yes</td>
<td>2-4 Oral, injected</td>
<td></td>
<td></td>
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<tr>
<td>Methylenedipropionate</td>
<td>II</td>
<td>Attention deficit disorders, narcolepsy</td>
<td>Possible</td>
<td>Moderate</td>
<td>Yes</td>
<td>2-4 Oral, injected</td>
<td></td>
<td></td>
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<tr>
<td>Other Stimulants</td>
<td>III IV</td>
<td>Weight control</td>
<td>Possible</td>
<td>High</td>
<td>Yes</td>
<td>2-4 Oral, injected</td>
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<tr>
<td><strong>Hallucinogens</strong></td>
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<tr>
<td>LSD</td>
<td>I</td>
<td>None</td>
<td>None</td>
<td>Unknown</td>
<td>Yes</td>
<td>8-12 Oral</td>
<td>Illusions and hallucinations, poor perception of time and distance</td>
<td>Longer, more intense &quot;trip&quot; episodes, psychosis, possible death</td>
</tr>
<tr>
<td>Mescaline and Peyote</td>
<td>I</td>
<td>None</td>
<td>None</td>
<td>Unknown</td>
<td>Yes</td>
<td>8-12 Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amphetamine Variants</td>
<td>II</td>
<td>None</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Variable</td>
<td>Oral, injected</td>
<td></td>
<td>Withdrawal synrome not reported</td>
</tr>
<tr>
<td>Phencyclidine</td>
<td>II</td>
<td>None</td>
<td>Unknown</td>
<td>High</td>
<td>Yes</td>
<td>Days Oral, injected, sniffed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phencyclidine Analogue</td>
<td>I</td>
<td>None</td>
<td>Unknown</td>
<td>High</td>
<td>Yes</td>
<td>Days Oral, injected, sniffed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Hallucinogens</td>
<td>I</td>
<td>None</td>
<td>Unknown</td>
<td>Possible</td>
<td>Variable</td>
<td>Oral, injected, sniffed</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cannabinoids</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marijuana</td>
<td>I</td>
<td>None</td>
<td>Unknown</td>
<td>Moderate</td>
<td>Yes</td>
<td>2-4 Smoked, oral</td>
<td>Euphoria, relaxed inhibitions, increased appetite, disoriented behavior</td>
<td>Fatigue, paranoia, possible psychosis</td>
</tr>
<tr>
<td>Tetrahydrocannabinol</td>
<td>II</td>
<td>cancer chemotherapy antiemetic</td>
<td>Unknown</td>
<td>Moderate</td>
<td>Yes</td>
<td>2-4 Smoked, oral</td>
<td></td>
<td>Insomnia, hyperactivity, and decreased appetite occasionally reported</td>
</tr>
<tr>
<td>Hashish</td>
<td>I</td>
<td>None</td>
<td>Unknown</td>
<td>Moderate</td>
<td>Yes</td>
<td>2-4 Smoked, oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hashish Oil</td>
<td>I</td>
<td>None</td>
<td>Unknown</td>
<td>Moderate</td>
<td>Yes</td>
<td>2-4 Smoked, oral</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Designated a narcotic under the CSA. 2 Not designated a narcotic under the CSA.
### Federal Trafficking Penalties

<table>
<thead>
<tr>
<th>Drug</th>
<th>QUANTITY</th>
<th>First Offense</th>
<th>Second Offense</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methamphetamine</td>
<td>100 gm or more or 1 kg or more mixture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heroine</td>
<td>1 kg or more mixture</td>
<td>Not less than 10 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td>Cocaine</td>
<td>5 kg or more mixture</td>
<td>Not less than 10 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td>Cocaine Base</td>
<td>100 gm or more or 1 kg or more mixture</td>
<td>Not less than 10 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td>PCP</td>
<td>100 gm or more or 1 kg or more mixture</td>
<td>Not less than 10 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td>LSD</td>
<td>50 gm or more mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td>Fentanyl</td>
<td>5-49 gm mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td>Fentanyl Analogue</td>
<td>10-99 gm or 100-999 gm mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td><strong>Marijuana</strong></td>
<td>10-99 gm or 100-999 gm mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td><strong>Hashish</strong></td>
<td>50 gm or more mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td><strong>Hashish Oil</strong></td>
<td>5-49 gm mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td><strong>Fentanyl</strong></td>
<td>10-99 gm or 100-999 gm mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
<tr>
<td><strong>Fentanyl Analogue</strong></td>
<td>100 gm or more or 1 kg or more mixture</td>
<td>If death or serious injury, not less than 20 years. Not more than life.</td>
<td></td>
</tr>
</tbody>
</table>

*Includes Hashish and Hashish Oil

(Marijuana is a Schedule I Controlled Substance)
Zen Master Fukushima gives painting demonstration here

The visual arts have long played an important role in the practice of Zen Buddhism — often, painting and calligraphy were taught directly by Zen Masters as aids to meditation. St. Louis will get a firsthand introduction to the art of Zen painting when Zen Master Fukushima Kido Rotshi comes to the city for a painting demonstration, February 26, 1988.

Fukushima is visiting in conjunction with the Gallery of Art's current exhibition "Zen Painting and Japanese Art," which remains on view through March 19. Gallery hours are 10 a.m. to 4:30 p.m. weekdays and 1 to 5 p.m. weekends. The exhibit is free and open to the public. For more information about the exhibition, call 935-4233.

Fukushima comes to the University from the Tofuku-ji Temple in Okayama, training under the master at the Tofuku-ji Temple in 1980. In many ways, calligraphy embodies the Zen view of the word as not just a vehicle of logical thinking, but as a vessel of artistic and spiritual expression. Zen paintings often include poems, calligraphy and sculpture (dokoro), both word and image are characterized by strikingly bold brushwork, which is intended to freeze the viewer in an appreciation of the moment of viewing.

For more information, call 935-5940.

Performance

**Zen Painting Demonstration**
- **When:** Saturday, Feb. 26
- **Where:** Gallery of Art and Visual Arts & Steinburg Hall Auditorium
- **Time:** 7 p.m.
- **Admission:** Free and open to the public

**Author explores race and sexual orientation**

Author and entertainment critic James Earl Hardy will deliver an Assembly Series lecture at 4 p.m. Thursday, Feb. 29, co-sponsored by Spectrum Affairs and the Association of Black Students. Hardy's talk, titled "All the Blacks Are White...Or So They Say," will be free and open to the public and will take place in the Women's Building Lounge.

Hardy is the author of "B-Boy Blues," "11th Time Around and Finished," and "Only For One Nite." This series of books explores main character Mike Magee's interpersonal relationships, giving the reader a look at what it means to be black and gay. "B-Boy Blues" was the first gay novel grounded in the African-oriented experience. Hardy also has written young adult biographies of filmmaker Spike Lee and recording artists Boys II Men. His work is featured in "Out in All Direction: The Almanac of Lesbian and Gay America" and "Shad: An Anthology of Fiction by Gay African Americans." Hardy is currently the John M. Oliphant Fellow at the American Enterprise Institute for Public Policy Research, a conservative think tank in Washington, D.C. D'Ouza's in the author of three books: "Illiberal Education: The Habits of Rejection on Our Campuses," "Politics of Race and Sex on Campus," and has won the E. V. Harburg Foundation Awards and the Educational Press Association Book Award. Hardy's writing has appeared in The Washington Post, D.C., Essence, The Advocate, New York Times Travel Weekly and Vibe.

**Reagan policy analyst discusses race and sex**

**Author, commentator and public policy researcher Dinesh D'Souza will deliver a lecture titled "The Politics of Race and Sex on Campus" at 11 a.m. Wednesday, March 1, in Graham Chapel as part of the Assembly Series. This lecture, which is free and open to the public, is co-sponsored by the College Republicans and the Conservative Leadership Association. Throughout his career, D'Souza has made headlines for his opinions on culture, politics and personal correctness. "I currently am the John M. Oliphant Fellow at the American Enterprise Institute for Public Policy Research, a conservative think tank in Washington, D.C." D'Ouza's in the author of three books: "Illiberal Education: The Habits of Rejection on Our Campuses," "Politics of Race and Sex on Campus," and has won the E. V. Harburg Foundation Awards and the Educational Press Association Book Award. Hardy's writing has appeared in The Washington Post, D.C., Essence, The Advocate, New York Times Travel Weekly and Vibe.

Series speakers bring widely divergent views

**Women's tennis wins**

The women's tennis team opened the 2000 spring season with a 5-4 win over No. 11 Division II Truman State Saturday, Feb. 19, in Eshel, Ill., their first win over Truman State since 1997. Sophomore Shilpa Reddy had an important win on the day, the first consecutive win with teammate Robin Behrendt at No. 3 doubles, 9-7. Reddy was also victorious at No. 1, winning 6-1, 6-1. Freshman Steph Cook was an 6-4, 6-3 winner at No. 2 singles, sophomore Kat Copious won at No. 4 singles, and freshman Abbie Wood won at No. 5, 6-1, 6-3.

**Runners third, fifth**

The men's indoor track and field team's women's team was fifth in the Illinois Wesleyan University Invitational Saturday and fifth in Sunday's Bloomington, Ill., Senior Tim Bulfin led the men to be he broke the school record and earned an automatic qualification to next month's NCAA Championships by winning the 5,000 meters in 14 minutes, 38.98 seconds. Sophomore Travis Drezner also picked up a win for the Bears, taking the 1,500 meters in 3:59.40. On the women's side, Kristin Meade was third in the triple jump. Sophomore Mike Pettersson was fifth in the 3,000 meters.

**Men stretch streak**

The men's basketball team stretched its winning streak to six games and wrapped up sole possession of second place in the University Athletic Association (UAA) as the Bears flew Carnegie Mellon University 74-59 and Emory University 83-78 last weekend. Freshman center Jarrod Root posted a double-double with 12 points and 13 rebounds and freshman forward Chris Jeffress scored 14 of his game-high 18 points in the second half as he defeated Carnegie Mellon in Pittsburgh Friday, Feb. 18. Junior forward Chris Alexander led three players in double figures Sunday, Feb. 20, as the Bears won their seventh straight game 85-71 in New York University. Freshman guard Dustin Tyka added 12 double figures with 13 points and sophomore forward Ben Winger added 12. Book scored nine points and with one blocked shot that led the University Athletic Association (UAA) record for blocks in a season with 38.
V-Day march As part of V-Day 2000 College Initiative—a national campaign to proclaim Valentine's Day as the day to celebrate women and demand the end of sexual abuse against them—students took part in a "March Against Violence" Feb. 14. The march wound from Wori Center to Edison Theater, which that evening was staging "The Vagina Monologues," billed as a play about women, their bodies and sexual violence against women.

Films, discussions complement 'Peoples of Russia and China'

Roeber Hegel, Ph.D., professor of Chinese language and literature and chair of the department of Comparative Literature in Arts & Sciences, led "The Peoples of Russia and China Film Festival," which will conclude this week and begin discussion beginning at 1:30 p.m. on Tuesdays from Feb. 29 through March 21 in the St. Louis Museum auditorium.

Sponsored by the St. Louis OASIS Institute and BIC, Plus, the first film is part of a national educational program for older adults. Hegel and and co-leader Robert Ware, a professor at Southern Illinois University at Edwardsville, will explore contemporary Chinese and Russian culture through film and discussion.

The film program is free and open to the public, with registration recommended. Seating is on a first-come, first-seated basis. The schedule:

Feb. 29, "Small Happiness: Women of a Chinese Village"—an award-winning presentation of sexual politics in contemporary rural China, where a newborn son is forbidden to "be a happiness." In on-location interviews, Chinese women of various ages speak frankly about foot binding, the one-child policy, work, love and marriage.

March 7, "To Live (Huozhe)"—Life through the eyes of one Russian woman who survived two decades of turmoil and change...the terrible films and nostalgia, the passions of the communist takeover, the betrayals of the Great Leap Forward, the tragic mistakes of the Cultural Revolution.

March 14, "Anna"—15 years in the life of director Nikita Mikhalkov's daughter Anna, surreptitiously filmed despite hatred and dread. She became the first young person to be called upon to help in her father's name. For more information, call OASIS at 395-4555.

March 21, "Prisoner of the Mountain"—The story of an oddball pair of Russian soldiers who are captured and taken prisoner by a Chechen father hoping to barter for the release of his captive son. The two deserters begin to develop an unexpected and frequently humorous bond of friendship. For more information, call OASIS at 395-4555.

With thanks to the University Police, a former dean and professor here and now a professor of history at Harvard, and the program's lead Chinese scholar.

Medical

Films on Russian，“Russia for the future” and "The Peoples of China," which will be shown this month at OASIS centers in Alton, Ill., and other centers. The films are part of the Russian film festival related to the program and co-sponsored by the Russian Film Festival (see related story, above)."
Of note

Among the attendees were Foundation for the Helena Hatch Hus atin, for the National Heart, Lung and Blood Institute, and physiology, has been awarded a $75,000 grant from the National Science Foundation to develop and test a concrete that resists expansion. CONSTRUCTION. Harmon also delivered the plenary lecture "The Origins of Technology," his article on the history of technology literature, was honored as the 1999 Engineer of the Year by the Historian of the Year by the American Society for Engineering and Science. Luze also has a commitment to service, education, and research in relation to leukemia, gay, bisexual, and transgender issues on college campuses.

Speaking of

Michael C. Flaks, Ph.D., associate professor of Russian Arts & Sciences, recently delivered a paper titled "A Psychologist's Approach to Chekhov" at the literary session of the National Chekhov Conference in Moscow, Russia. The paper will be published in Russia.

Peter MacKeth, assistant dean of undergraduate life, delivered the guest lecture at the University of Minnesota School of Architecture in Slovenia, where he participated in a seminar on "The Sacred in Architecture" and delivered a lecture titled, "God and the Devil are in the Details."

John C. Morris, M.D., the Harvey A. and Doris L. Hacker Professor of Neurology, and Joseph F. Price, D. Phil., professor of anatomy and neurobiology, represented the Alzheimer's Disease Research Center and the National Institutes of Health. The program was held at the Salk Institute in La Jolla, Calif.

On assignment

Merton Gadelha, director of computing and associate professor of computer science, recently exhibited 16 architectural hand-drawings and six computer drawings at the Biennale of Fine Arts in Helsinki. The solo exhibition, "Merton Gadelha: Architectural Drawings," is from his ongoing research on the theory of representation.

Richard J. Luze has joined the University as assistant vice chancellor for development programs and executive director for national councils, according to David T. Blasingame, vice chancellor for alumni and development programs. This capacity, he will guide the University's National Councils programs. The University's eight schools, the libraries and student affairs councils which serve as external advisory boards for the University. Luze also will work closely with Blasingame on several of the University's important fund-raising and development initiatives.

Marva Redd named director of Student Educational Service

Marva Lloyd Redd, Ph.D., has been appointed as director of Student Educational Service (SES), effective Feb. 1, according to Adrienne Glace, associate dean of students. Glace had served as interim director for SES following the retirement of former director, Florida M. Paity. In her role as assistant director, Redd will be responsible for advising and evaluating the delivery of academic support services to undergraduate students, including the oversight of the TRIO Student Support Services grant.

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Relishing the riches of Russia

Beeping above the family farm, Sputnik fascinates James V. Wertsch, launching a lifetime of studies across many disciplines

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