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Washington University Record, March 19, 1992

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RECORD

Washington
WASHINGTON • UNIVERSITY • IN • ST • LOUIS

Vol. 16 No. 24/March 19, 1992



Classic comedy: David Kuhns, Ph.D., assistant professor of drama, plays the part of Tartuffe in the classic comedy of the same name. Posing as a clergyman, Tartuffe tries to seduce Elmire, another man's wife. Elmire, played by senior Tracy Coe, doesn't fall for his charms and tries to unmask his hypocrisy. The play will be performed April 3, 4, 5, 10, 11 and 12 in Edison Theatre. For more information, see page 3 story.

Conference explores link between research and social policies

A conference designed to explore ways that social science research can influence public policy will be held April 3 to 5 at Washington University. The invitational conference is titled "Social Policies and Research on Human Values."

During the conference, prominent scholars from across the country will speak at sessions titled "Meeting the Needs of the Dependent Elderly and Their Children"; "The Rights of the Majority and the Minorities"; "Family Planning: Individual Rights and Moral Values"; and "The Obligations of Management and Employees' Rights in a Free Market Economy." The conference is sponsored by the Stuckenberg Professorship of Washington's Department of Psychology and the International Center for Social Justice Research housed at the University.

"This conference is designed to capture some of the best research being done in the world and relate it to policy issues. It will address the question: 'What kind of research should we be doing to inform those making public policy?'" says Melvin J. Lerner, Ph.D., the University's Stuckenberg Professor of Human Values and Moral Development who is organizing the conference along with John A. Stern, Ph.D., chair and professor of psychology.

The session on meeting the needs of the dependent elderly will focus on contemporary social policies that pay family members to care for their parents. These federal govern-

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America's universities face an 'age of scarcity'

- Harvard University, with the world's largest endowment, had a \$41.9 million deficit in fiscal 1991 and is operating at a loss this year.
- Stanford University faces reductions up to 13 percent on administrative and academic expenses in an effort to cut \$43 million from its budget over the next two years.
- Syracuse University, with a 4,000-person work force, may eliminate 500 to 600 employees, as well as reduce some doctoral programs and research work.
- Yale University proposes to cut positions by 10 percent and eliminate several departments.

The 1980s, a boom decade for campuses across the country — high enrollments, successful fund-raising campaigns, new construction, expanded curriculums — has spiraled into the 1990s, bringing colleges and universities declining enrollments, cuts in federal and state support, and decreases in budgets, staff and services. Washington University has not been immune to the financial pressures that are forcing so many colleges and universities to make difficult budgetary decisions.

U.S. News and World Report, in its annual guide to America's Best Colleges released last fall, refers to this period in higher education as "the age of scarcity."

In a poll taken for the magazine's guide, college presidents were asked to rate their major problems. Of the 858 respondents, almost three quarters of the presidents listed "rising operating costs coupled with diminishing revenues."

As Yale's provost, Frank Turner, said in a Jan. 17 Wall Street Journal article, "Throughout American higher education there is a general problem of income streams growing much more slowly than expense streams."

An American Council on Education survey found that in the 1990-91 academic year 45 percent of all colleges and universities suffered midyear budget cuts.

"I think we're into a decade now that will be tougher than any we've had since the 1930s," said Richard F. Rosser, president of the National Association of Independent Colleges and Universities, in a Feb. 3 New York Times article.

State institutions face cutbacks

Just as private institutions like Washington are facing cutbacks, state colleges and universities are finding it necessary to raise tuition, lay off employees and eliminate courses as state appropriations to higher educational institutions are being drastically reduced.

State colleges and universities receive on average 60 percent of their operating budgets from their state governments; thus, when state economies are in trouble, their colleges and universities suffer as well.

An American Association of State Colleges and Universities report shows that 19 states have cut allocations this year to their institutions of higher education; nine states expect cuts in the future.

While private institutions are decreasing their rates of tuition increases, public institutions' rates are rising in the double digits. According to the association, those 19 states that cut allocations averaged 14.4 percent tuition increases.

The University of Illinois, forced to cut \$16.5 million from its current budget, is looking at a tuition increase of up to 25 percent.

Many students in Missouri's public colleges and universities are finding

fewer classes to choose from and in some cases paying more for the ones that are offered. With state support continuously being cut, Central Missouri State University in Warrensburg and Southeast Missouri State University in Cape Girardeau were forced to raise tuition in midyear.

California operates the largest higher education system in the country. It also is the state that implemented a higher education master plan in 1960, which, for the past 30 years, basically has promised all interested residents a high-quality, low-cost public college education. Yet state-imposed budget cuts are having a major impact on California's three public college systems.

The University of California system, with a 1.1 percent budget cut, raised student fees 40 percent, froze all salaries, planned enrollment cuts of 5,500 over the next few years and offered early retirement, which attracted close to 3,500 employees, of which 672 were faculty members.

The California State system, which was dealt a 3.2 percent cut, raised fees 20 percent, cut more than 4,000 classes and laid off more than 1,000 faculty.

California's junior college system turned away 50,000 students last year.

In a Feb. 18 Chicago Tribune article, James B. Appleberry, president of the American Association of State Colleges and Universities, said, "If we're not careful, through policy default, the face of public higher education will be altered radically and any of the positive movements toward renewal reform will be lost."

Impact on Washington U.

"Washington University is affected by the same forces that are putting financial pressure on higher education institutions throughout the country," said Benjamin S. Sandler, assistant vice chancellor for budget and institutional studies. "Expenditures have to match revenues. If revenues are more constrained, our budget plans must include expenditure reduction."

Since last November, when Chancellor William H. Danforth announced in a letter to the Washington community that the University was beginning a cost-reduction process, Central Fiscal Unit (CFU) managers have been working with the Financial Planning Office to create reduced budgets for fiscal year 1993. Because Hilltop Campus schools pay a large part of the costs of the CFU, the CFU must adjust its costs to be in line with the financial realities the

schools are facing. By early May, both the CFU and the schools will have in place budget plans for next year.

In the chancellor's initial announcement of reductions for CFU departmental budgets, a general goal of 4 percent was announced. However, because a number of University costs are difficult to control or reduce, each CFU department was asked to prepare plans for managing their areas with a 10 percent budget reduction.

Reductions in staff

In his March 16 letter to the University community published on page 2 of this issue of the Record, Chancellor Danforth noted that 14 CFU positions have been eliminated since Jan. 1. The individuals holding those positions have been notified and efforts have been made to place those employees who wish to remain at the University in positions open elsewhere on campus. "When appropriate, severance arrangements have been specified," he said.

In his letter, the chancellor also said that "there will be further consolidation or elimination of positions. ... At the moment, our best estimate is that in total between Jan. 1 and July 1, 1992, approximately 38-46 full-time and seven part-time non-faculty positions on the Hilltop Campus (CFU and schools) which are currently filled might be eliminated. In addition, approximately 12-13 full-time and two part-time Hilltop non-faculty positions which are currently unfilled might be eliminated."

As noted in the November announcement, every effort will be made to compensate continuing staff and managers fairly. Where possible, modest raises will be encouraged in 1992-93, so that the University can remain competitive in attracting and retaining the best people.

While many universities across the country are dealing with multimillion dollar deficits — Harvard, Columbia, Yale and Stanford to name a few — Washington University has been proactive in its quest to stay financially sound and has been able to avoid an institutional deficit for several years.

As an example of Washington University's proactive approach, the Board of Trustees, after looking at the School of Dental Medicine's declining enrollments, escalating costs, low levels of research support, and existing and projected financial deficits, decided to close the school, effective May 1991.

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Barnes and Washington renew affiliation

Barnes Hospital and Washington University announced that they have renewed their affiliation with an agreement that will forge closer ties between the two institutions. The agreement also will guide the working relationship between Washington University and Jewish Hospital, once the appropriate legal and regulatory approvals are granted in the recently announced Barnes-Jewish affiliation.

The contract between Barnes and the University was due to expire in 1995, but the institutions agreed to begin the renegotiation ahead of schedule. The new contract is for a 15-year term and was approved in principle by the boards of each institution at their most recent meetings.

"We share an overriding desire to be the best. To that end, our role in the partnership is to recruit and retain the

best physicians, scientists and health care professionals," said William A. Peck, M.D., vice chancellor for medical affairs and dean of the School of Medicine. "The contract reflects the understanding that each institution's well-being is vital to the success of the other."

"This agreement will allow us to extend our world-renowned educational and clinical leadership well into the next century," said Max Poll, president and chief executive officer of Barnes Hospital. "Our role in the partnership is to create an integrated health care delivery system that can serve patients through multiple sites — an organization of care — that combines the school's medical talent and physicians' expertise with our technical capabilities and facilities."

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Chancellor's letter to the community

March 16, 1992

To: The University Community

From: William H. Danforth

I should like to provide the University community a brief status report on our efforts to reduce costs in the central administration. As most readers will remember from earlier communications, academic programs are facing lower tuition increases and tight federal and state budgets. The central administration must, in turn, adapt to the financial realities faced by the schools. Like other institutions, Washington University must live within the resources society provides us. Members of the University community have responded to this challenge in positive, constructive and helpful ways. I am very grateful.

The budgeting process in the schools and in the Central Fiscal Unit (CFU) is under way. In the CFU, managers have been working on plans to fit next year's expenses into a reduced budget. Many CFU areas have completed their planning and are implementing the necessary changes. The process should be completed this month. The schools on the Hilltop Campus will complete their budgeting by the end of April.

A major concern is, of course, the elimination of positions. I should like to share with you what is known thus far about employment changes. The Human Resources Office reports that since Jan. 1, 1992, 14 CFU positions have been eliminated. These individuals have been notified. For those interested in remaining at the University, efforts have been made to place them in positions open elsewhere on the campus. Departments have been cooperative in considering these individuals for open positions. It is still too early to know the final results. When appropriate, severance arrangements have been specified.

As other units complete their budgeting, there will be further consolidation or elimination of positions. Where possible, units plan to meet their budget goals by not filling openings caused by retirement or other departures from the University. We hope to minimize layoffs, but each area must decide how best to deal with the financial realities and still provide necessary services of high quality. At

the moment, our best estimate is that in total between Jan. 1 and July 1, 1992, approximately 38-46 full-time and seven part-time non-faculty positions on the Hilltop Campus (CFU and schools) which are currently filled might be eliminated. In addition, approximately 12-13 full-time and two part-time Hilltop non-faculty positions which are currently unfilled might be eliminated. The situation for the coming year will become clearer within the next few weeks as final budgets are completed.

Some have wondered about the introduction of a general salary freeze. Salary freezes can work quickly to get budgets back in line. They are, however, short-term fixes rather than longer-term adaptation to changed realities. In the long run, salaries must be maintained at the competitive level. It is particularly important that salaries at the lower end of the scale keep up with the increased cost of living. To ease the situation in the next year, the salaries of the Chancellor, the Provost, the Executive Vice Chancellors and the Vice Chancellors will be frozen. I am grateful for the willingness of that group to keep salaries constant, but a similar approach is not recommended generally.

A word about rumors. Rumors are almost inevitable in a situation in which budgets must be reduced and the effects are not yet fully known. I ask those who hear rumors to pass them on to those most likely to be knowledgeable so that the rumors can be most readily verified or put to rest. I hope also that individual concerns will be shared with supervisors and managers.

I appreciate the good will of everyone who is working to help the University face the current challenges. The budgeting process demands the best and most creative thinking from everyone in the University community. Difficult decisions must be made about our priorities. Since everything we do is worthwhile, all decisions will be painful. We must help each other to make good decisions and to implement them wisely and with sensitivity. I am convinced that by working together we can accomplish the necessary savings while remaining one of the world's leading centers of education and research.

'Age of scarcity' — continued from p. 1

To maintain this proactive approach, as well as its financial strength and academic excellence, however, the University must begin to reduce costs so it does not spend more than what comes in.

Effects on income and costs

Undergraduate tuition is the Hilltop Campus' largest income source, bringing in 65 percent of the operating revenue, followed by gifts and endowment income at 18 percent, government grants at 11 percent and other sources of income at 6 percent.

Realizing the need to tie tuition increases more closely to the consumer price index, Washington increased the 1992-93 undergraduate tuition and fees by only 5 percent above the current year. The 5 percent increase is the University's lowest in more than 20 years.

Despite a dwindling college-age population nationwide, applications to Washington, as of Feb. 7, had increased nearly 12 percent from last year. With a good applicant pool, the University will be able to continue to attract a strong freshman class. However, as with other major colleges and universities, Washington faces the fiscal realities of decreasing numbers of students who are able to pay the full cost of a Washington University education and of accommodating proportionally lower levels of federal financial aid. Providing need-based aid to students has more and more become the responsibility of the University.

When the 1992-93 tuition and fees were announced in January, Chancellor Danforth said that the University would remain committed "to a strong program of financial aid." About half of the University's undergraduates receive financial aid from federal, state and institutional sources.

In addition to the fact that the University is not able to raise tuition at the rates of the past decade and that federal educational support is not growing at rates of past years, another income source may be lower.

The University and the U.S. Department of Health and Human Services (HHS) are negotiating indirect cost recovery rates for this fiscal year. The 1991 recovery base rate for indirect research costs was 62 percent. Examples of the indirect costs of University research that the government helps pay for are overhead administrative costs, libraries, heat, light, power, maintenance and depreciation on buildings and equipment.

The indirect cost recovery rate has not yet been set for this year nor for future years. Where it has been set at other universities, the rate has been lower.

While the University's endowment, which is one of the country's healthiest at \$1.47 billion, does provide important income that increases each year, it is not enough to offset the factors listed above. Moreover, endowment income often is restricted by donors for such purposes as scholarships, professorships or capital projects. Unrestricted endowment income, most of which goes directly to the schools, accounts for only a very small portion of annual operating revenues.

Facing challenges

CFU departments have approached the challenge of next year's budget with understanding and cooperation, Sandler said. "Although the process is difficult, CFU departments have been able to meet their budget targets and also preserve the essential strengths of their programs," Sandler added.

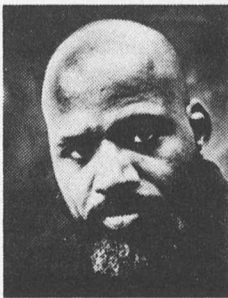
While noting that the University faces challenges, Chancellor Danforth said in his November letter, as reassurance that all was not gloom and doom, "Washington University has a bright and exciting future. ... Washington University, one of the nation's strongest institutions, is entrusted by our society with important missions including educating the leaders of tomorrow and managing the nation's research and scholarly endeavors. Our tasks will not go away."

— Susan Killenberg

Sports sociologist encourages excellence

Harry Edwards, a sports sociologist at the University of California, Berkeley, will deliver the Omicron Delta Kappa Honors lecture at 11 a.m. Wednesday, March 25, in Graham Chapel. His talk, titled "Pursuit of Excellence: Dream With Your Eyes Open," is part of the University's Assembly Series and is free and open to the public.

Edwards hosts "Social Issues," a weekly interview and commentary



Harry Edwards

program for radio station KPFA in Berkeley. He also is a consultant to television networks for sports-related programs; the San Francisco 49ers football team; the Golden State Warriors basketball team; and Peter Ueberroth, the baseball commissioner. He has appeared on several television news and sports shows, including "60 Minutes," "Sports World" and "Nightline" and given more than 300 lectures in the United States and Canada.

Edwards' books include *Playing to Win: A Short Guide to Sensible Black Sports Participation*, published in 1982, and *The Revolt of the Black Athlete*, published in 1969, in which he details the black athletic revolts of the 20th century, including the boycott of the 1968 Olympic games. He is working on an anthology on sports and society, covering such topics as women, race, violence and international politics.

Omicron Delta Kappa is a national

honorary that recognizes students for their leadership and contributions in the areas of scholarship, athletics, community service, communications and the arts. The lecture also is co-sponsored by the Congress of the South-40, Division of Student Affairs and Student Union. For more information, call 935-4620.

Lawrence D. Steefel, professor emeritus of art history, dies

Lawrence D. Steefel Jr., Ph.D., Steinberg Professor emeritus of art history, died March 3 of cancer at his home in University City. He was 65.

Steefel was considered an expert on the work of the French painter and sculptor Marcel Duchamp. He had published articles on the work of Pablo Picasso and Nicholas Poussin. The scholar was a painter whose work often was included in St. Louis exhibitions.

A native of Minneapolis, Steefel was educated at Haverford College in Haverford, Pa., and received his master's and doctoral degrees from Princeton. He taught at Lawrence College in Appleton, Wis., and at the University of Washington in Seattle before coming to Washington University in 1967.

He is survived by his wife, Marion; a daughter, Sarah C. Steefel of Minneapolis; two sons, David S. Steefel of Denver and Carl I. Steefel of Blacksburg, Va.; and five grandchildren.

Memorial contributions may be made to the Missouri Botanical Garden.

Conference — continued from p. 1

ment policies, designed to save public funds, are now being tested in several states. The scholars will discuss recent research that will help policy-makers design programs "to meet the needs of the elderly, while recognizing the impact on the family and the economic limitations of society," notes Lerner, who has conducted research on the emotional and financial burdens of family caretakers. Leonard Pearlman, professor of human development and aging at the University of California, San Francisco, will be the principal speaker at the session.

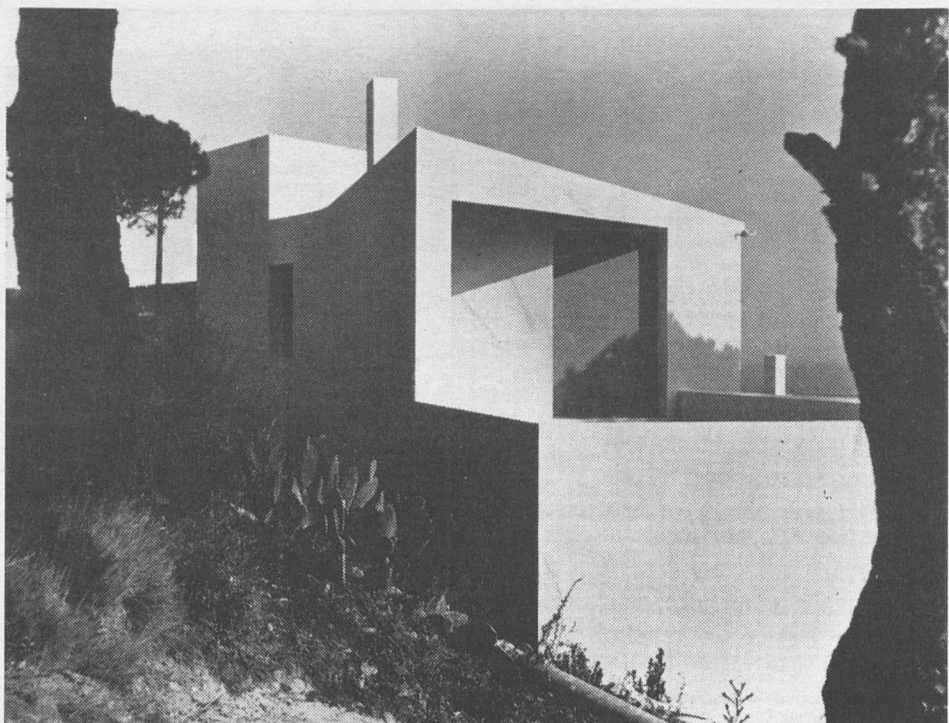
Faye Crosby, professor of psychology at Smith College, will be the principal speaker at the session focusing on the rights of the majority and the minorities. This session will examine the need for developing and monitoring affirmative action programs.

The session on family planning will detail the social and psychological issues that affect family planning decisions. Toni Falbo, professor of educational psychology and sociology

at the University of Texas at Austin, will be the principal speaker. Her talk is titled "Chinese Family Planning Policy: Individual Rights Versus the Collective Good."

The final session on management and employees' rights will examine "what can be done to reduce the psychological and financial costs of individuals who lose their jobs. Are there ways of closing plants that would cause the least harm to employees? Can businesses have plant closings and still maintain a good reputation in the community? These are some of the questions we will address," says Lerner, who is helping the Ontario, Canada, Ministry of Labor design counseling programs for individuals who have lost their jobs. Joel Brockner, professor of management of organization and human resource management at Columbia University's Graduate School of Business, will be the principal speaker.

For more information on the conference, including specific session dates and locations, call 935-6565.



Casa Ugalde, a house designed by Spanish architect Jose Antonio Coderch, is considered a pivotal work of contemporary Spanish architecture. An exhibit at the School of Fine Arts features photographs of the building by Spanish artist Francesc Catala-Roca and architectural drawings and sketches by Coderch.

Spanish architecture focus of exhibit

The School of Architecture is hosting an exhibit featuring the works of the late architect Jose Antonio Coderch and photographer Francesc Catala-Roca. The exhibit, titled "JOSE ANTONIO CODERCH: Casa Ugalde (1951) Photographs by Francesc Catala-Roca," is on display through April 17 on the first floor of Givens Hall.

Coderch, considered by Frank Lloyd Wright to be the best contemporary Spanish architect, was a native of Barcelona. Catala-Roca, also from Barcelona, is an architectural photographer who has photographed all of Coderch's work for publication.

This is the first U.S. exhibition of Coderch's design of the Casa

Ugalde. The house, considered one of the pivotal pieces of contemporary Spanish architecture, is Coderch's masterwork.

The exhibit examines the relationship of the photograph to architecture as a means of representation. The photographs by Catala-Roca were selected by Coderch for publication in Gio Ponti's *Domus* and Alberto Sartoris' *Encyclopedie de l'Architecture Nouvelle*, which was published in the 1950s. The Casa Ugalde's international reputation was built upon the publication of these images.

In addition to Catala-Roca's photographs, the exhibit also includes documentation of the architectural drawings and sketches of the Casa Ugalde. The exhibit will travel to various schools of architecture in the United States. The curator of the exhibit is Stephen Leet, affiliate assistant professor of architecture at the University. A retrospective exhibit of Coderch's architecture recently was exhibited in Paris and a monograph was published by Gustavo Gili in 1989, titled *J.A. Coderch de Sentmenat 1913-1984*.

RECORD

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Photographers: Joe Angeles, Tom Heine, David Kilper and Herb Weitman

Record (USPS 600-430; ISSN 1043-0520), Volume 16, Number 24/March 19, 1992. Published weekly during the school year, except school holidays, monthly during June, July and August, by the Office of Public Affairs, Washington University, Box 1070, One Brookings Drive, St. Louis, Mo. 63130. Second-class postage paid at St. Louis, Mo.

Address changes and corrections:

Postmaster and non-employees: Send address changes to: Record, Washington University, Box 1070, One Brookings Drive, St. Louis, Mo. 63130.

Hilltop Campus employees: Send to: Human Resources Office, Washington University, Box 1184, One Brookings Drive, St. Louis, Mo. 63130.

Medical Campus employees: Send to: Payroll Office, Washington University, Box 8017, 660 S. Euclid, St. Louis, Mo. 63110.

Classic comedy 'Tartuffe' staged

Moliere's classic comedy "Tartuffe" will be performed by the Washington University Performing Arts Department at 8 p.m. April 3, 4, 10 and 11 and at 2 p.m. April 5 and 12 in Edison Theatre.

A special preview performance for Eliot Society members will be held at 7:30 p.m. April 2. Henry I. Schvey, Ph.D., Performing Arts Department chair, and Ann Marie Costa, director of the production, will give some introductory remarks prior to the play. A champagne dessert reception will be held at intermission. This event is the fourth in a series of special preview events for Eliot Society members.

The title character is a religious hypocrite who insinuates himself into the household of the wealthy Orgon. Tartuffe gains Orgon's trust and respect so completely that Orgon offers to give him all his wealth, as well as his daughter's hand in marriage. Only when Orgon catches Tartuffe trying to seduce his wife does he realize his mistake — and it is almost too late.

Although written in 1664, "Tartuffe" was banned by the French government until 1669. The play made such an impact when it was first performed that the word "tartufe" became part of the French vocabulary. To be tartuffed means to be duped or fooled.

Director Costa, artist-in-residence in performing arts, sees many parallels to today's society. "This play is not only about all hypocrisy, but about a society that relinquishes its power to a single human being," observes Costa. "People today are often tartuffed, whether by televangelists or politicians. 'Tartuffe' is timeless."

To support that notion, Costa will use period costumes in conjunction with many modern props, such as telephones, barbells and synthesizers. In addition, the set will be built slightly askew to convey the idea that everything in Orgon's household has gone awry since Tartuffe's arrival.

David Kuhns, Ph.D., assistant

professor of drama and an Equity actor, will play the role of Tartuffe. The cast also includes senior Tracy Coe as Elmire, Orgon's wife; sophomore Michael Holmes as Orgon; senior Faith Szalay as Mariane, Orgon's daughter; sophomore Barry Levis as Damis, Orgon's son; senior Ben Hess as Cleante, Orgon's son-in-law; Senior Shannon Warrick as Dorine, Orgon's daughter's maid; and junior John Peter Sarsgard as Tartuffe's servant Laurent.

Students Mark Adams, Robbie Adler, Jason Anderman, Paul Alan Dillinger, Amy Handler, Stacy Meyer, Alexa Miller, and Roell Schmidt also are performing in the production.

Tickets are \$7 for the general public and \$5 for students, senior citizens and Washington University faculty and staff. For more information, call 935-6543.

Moliere's work examined

"Moliere on the Modern Stage" will be the topic of a colloquium at 4:15 p.m. April 5 in Edison Theatre.

The free event is being held in conjunction with the University's Performing Arts Department production of Moliere's classic "Tartuffe."

Various aspects of Moliere's work and how it relates to contemporary society will be examined. Members of the colloquium panel are Ann Marie Costa, director of "Tartuffe" and artist-in-residence in drama; Eric Nuetzel, M.D., assistant director of the play and a faculty member at both the University's medical school and the St. Louis Psychoanalytic Institute; Robert Henke, Ph.D., assistant professor of drama and comparative literature; and Harriet Stone, Ph.D., associate professor of French. Henry I. Schvey, Ph.D., chair of the Performing Arts Department, will moderate the panel.

For more information about the colloquium, call 935-5858.

Scholar discusses love, death in Greek Italy

James M. Redfield, a distinguished scholar of Greek literature, will speak on "Love and Death in Greek Italy: The Locrian Pinakes" at 4 p.m. on Tuesday, March 24, in the May Auditorium of the John M. Olin School of Business.

The Locrian Pinakes, an extensive series of clay tablets found in Southern Italy, document all aspects of daily life and cult practices in the sixth century B.C. Redfield's free lecture is based on his study of these documents. Redfield also will speak on "Plato's Crito" during a free colloquium to be held at 4 p.m. Monday, March 23, in the Alumni House living room.

Redfield is the 1992 John and Penelope Biggs Resident in the Classics at Washington University. He is a professor in the Department of Classical Languages and Literatures at the University of Chicago, where he also is a member of the university's Committee on Social Thought, which explores the development of culture.

His 1975 book, *Nature and Culture in the Iliad: The Tragedy of Hector*, made an important impact not only on the work of literary critics and readers of literature, but also on historians and archaeologists. The book has been translated into French and is being translated into modern Greek and Spanish as well.

Broadly gifted in culture and society, Redfield regularly stages and directs student-faculty productions of classic Greek theatre at the University of Chicago. He is one of the university's most popular lecturers and teachers. For more information, call 935-4620.

Feminist artist Hung Liu to give talk

Artist Hung Liu will discuss her latest work at 7:30 p.m. Wednesday, March 25, in Steinberg Hall auditorium.

Liu will be at the University for several days. Her visit is made possible with support from the Women's Society. While she is at the University, Liu will meet with the students in the School of Fine Arts and create a limited edition print in collaboration with the collaborative print shop, which is part of the printmaking department at the School of Fine Arts. One of Liu's prints will be donated to the Gallery of Art in the name of the Women's Society.

Liu is a feminist artist who combines Maoist poster painting with other Chinese imagery and found objects like a broom, an empty bowl, and a stack of temple money. In her assemblages, she uses traditional Chinese images to criticize the way we look at Chinese

culture and the way Chinese culture has perceived both women and political change. Through her work, Liu addresses her pain and frustration at both political and sexual repression.

Born in China, Liu was trained in mural painting in Beijing, where she learned to draw and paint in the rigorous Beaux Arts tradition. After suffering forced re-education during China's Cultural Revolution, Liu taught for several years at the Central Academy of Fine Art in Beijing. In 1984 she came to the United States and two years later, received her master's degree in fine arts from the University of California, San Diego. Liu is an instructor at Mills College in Oakland, Calif.

The artist has shown her work at many group exhibitions in the United States, Mexico and China.

For information, call 935-4523.

Barnes — continued from p. 1

The contract aligns responsibilities according to the missions of each institution. The School of Medicine has an exclusive agreement to staff Barnes with its faculty members. The school will have the first option to provide physician services in future Barnes outreach programs.

In recognition of the professional medical direction and teaching supervision provided by the School of Medicine, the contract calls for Barnes to share net revenues.

In addition, the agreement gives Barnes the operational responsibility for

the technical aspects of the Mallinckrodt Institute of Radiology (MIR). Barnes will buy or lease virtually all the clinical (diagnostic and therapeutic) equipment now owned by MIR. Physician services, including all diagnostic and therapeutic procedures, will be provided by medical school faculty who are on the staff of MIR. Responsibility for all research conducted at MIR will remain fully within the institute's purview.

Finally, the contract established a now Joint Office of Clinical Affairs, comprising senior management from both organizations.

CALENDAR

LECTURES

Thursday, March 19

Noon. Dept. of Genetics Seminar, "Mutagenic Dissection of Hemoglobin Cooperativity," Gary Ackers, Wittcoff Professor and head, WU Dept. of Biochemistry and Molecular Biophysics. Room 816 McDonnell Medical Sciences Bldg.

Noon. Dept. of Molecular Biology and Pharmacology Seminar, "Using Retrovirus to Study Eukaryotic Transcription," John Majors, WU asst. prof., Dept. of Biochemistry and Molecular Biophysics. Room 423 McDonnell Bldg.

12:10 p.m. Gallery of Art Talk and Walking Tour, "Boone," Joe Ketner, director, WU Gallery of Art. Steinberg Hall Aud.

1:10 p.m. George Warren Brown School of Social Work and the Center for American Indian Studies Present a Lecture, "A Native American Perspective on the Quincentenary," with moderator, Bishop Donald Pelotte, Gallup, N.M., Diocese. Brown Hall Lounge.

4 p.m. Dept. of Chemistry Seminar, "Molecular Theory of Spectral Line Broadening in Liquids and Glasses," James L. Skinner, U. of Wisconsin-Madison. Room 311 McMillen.

4 p.m. Assembly Series Presents the Foreign Language Week/Mortar Board Lecture with Joseph Brodsky, poet laureate of the United States. Graham Chapel.

5 p.m. Divisional Research Discussion for Students Seminar, "Molecular Analyses of Bacterial Virulence," Mike Caparon, WU asst. prof. of molecular microbiology. Room 423 McDonnell.

Friday, March 20

9:15 a.m. Pediatric Grand Rounds Presents "The Management and Prognosis of Infants With Bronchopulmonary Dysplasia," Lawrence Mark Nogue, WU instructor in pediatrics, Division of Allergy/Pulmonary Medicine, St. Louis Children's Hospital. Clopton Aud., 4950 Audubon Ave.

Noon. Dept. of Cell Biology and Physiology Seminar, "Mechanism of Channel Gating Probed by Site-Directed Mutagenesis," Peter Hess, Harvard Medical School. Room 423 McDonnell Bldg.

4 p.m. Microbial Pathogenesis Seminar, "Pathogenetic Mechanisms of Shiga-Like Toxin Producing E.Coli," Alison O'Brien, prof. of microbiology, Uniformed Services U. of the Health Sciences, Bethesda, Md. Room 775 McDonnell.

4 p.m. Dept. of Music Lecture, "On Music as a Lover and a Beloved: A Serious Effort to Think About Music and Sexuality," Suzanne Cusick, asst. prof., Dept. of Music, U. of Virginia. Women's Bldg. Lounge.

4 p.m. Dept. of Anatomy and Neurobiology Seminar, "Exploring the Land God Made in Anger," Glenn Conroy, WU prof., Dept. of Anatomy and Neurobiology. Room 928 McDonnell Bldg.

7:30 p.m. Dept. of Earth and Planetary Sciences Presents a St. Louis Astronomical Society Meeting, "Magellan At Venus — The Extended Mission," Raymond E. Arvidson, WU chair and prof. of earth and planetary sciences. Room 112 Wilson Hall. Free.

Sunday, March 22

1 p.m. The Gay and Lesbian Association of Student Social Workers and the George Warren Brown School of Social Work Present a Seminar, "Beyond Stereotypes: Understanding the Lesbian, Gay and Bisexual Community," featuring Janey Archey, adjunct faculty, U. of Missouri-St. Louis; Holly Knight, director of publications and college editor, Antioch College; Susan Talve, rabbi, Central Reform Congregation; Art Wirth, WU prof. of education emeritus; and attorney Arlene Zarembka. Brown Hall Lounge. Free.

Monday, March 23

4 p.m. Dept. of Biology Presents the Viktor Hamburger Lecture, "From NGF to a Gene Family: Old Concepts, New Perspectives," Hans Thoenen, Dept. of Neurochemistry, Max-Planck-Institute for Psychiatry. Room 215 Rebstock Hall.

4 p.m. Dept. of Music Lecture, "Two Looks at Opera-Comique," Hugh Macdonald, WU prof. of music. Room B-8 Blewett Hall.

4 p.m. Immunology Seminar, "Isograft Studies of Gut Immune System," Marion G. Peters, WU assoc. prof., Dept. of Medicine. Third Floor Aud., Children's Hospital, 400 S. Kingshighway Blvd.

4 p.m. Biggs Residency Colloquium, "Plato's Crito," James M. Redfield, prof., Dept. of Classical Languages and Literatures, U. of Chicago. Alumni House Living Room.

4:30 p.m. Dept. of Mathematics Colloquium, "Unique Continuation for 2nd Order Elliptic Equations," Thomas H. Wolff, Caltech. Room 199 Cupples I.

8 p.m. School of Architecture and Assembly Series Present a Lecture, "Southern Views," William Christenberry, artist, Corcoran School of Art, Washington, D.C. Steinberg Hall Aud.

Tuesday, March 24

1 p.m. Student Affairs, Dept. of Genetics and School of Medicine Present a Lecture, "The Genome Initiative: Recent Advances and Implications for Human Health Care." Panelists: Helen

Donis-Keller, WU prof. of genetics and prof. of genetics in psychiatry; Mary-Clair King, prof., School of Public Health, U. of California, Berkeley; and Patricia King, prof. of law, Georgetown U. Law Center. Moore Aud., 4580 Scott.

3 p.m. Dept. of Chemistry Presents the Marcus Memorial Graduate Student Seminar, "Early Transition Metal Catalysis: Stereoselective Hydrogenation of Arene Rings," Ian P. Rothwell, Purdue U. Room 458 Louderman Hall.

4 p.m. Biggs Residency Lecture, "Love and Death in Greek Italy: The Locrian Pinakes," James Redfield, prof., Dept. of Classical Languages and Literatures, U. of Chicago. May Aud., Simon Hall.

4 p.m. Dept. of Anthropology Colloquium, "Back to the Future: Races and Ethnic Groups in the 21st Century," Stephen Molnar, WU prof. of anthropology. Room 101 McMillan Hall.

4 p.m. Dept. of Mathematics Seminar and Major Oral, "Shape of the Domains and Behavior of the Metrics," Siqi Fu, WU graduate student. 199 Cupples I.

4:30 p.m. Divisional Cell and Molecular Biology Student Sponsored Seminar with Cynthia Kenyon, Dept. of Biochemistry and Biophysics, U. of California, San Francisco. Erlanger Aud., McDonnell Medical Sciences Bldg.

Wednesday, March 25

8 a.m. Dept. of Obstetrics and Gynecology Grand Rounds, "Anticardiolipin Antibodies and Update," Berry Fleming, chief resident, WU Dept. of Obstetrics and Gynecology. West Pavilion Amphitheater, Barnes Hospital.

11 a.m. Assembly Series Presents the Omicron Delta Kappa Honors Lecture, "Pursuit of Excellence: Dream With Your Eyes Open," Harry Edwards, sports sociologist. Graham Chapel.

Noon. Dept. of Biology Seminar, "Induction of a Nuclear Encoded Light-Stress Protein (ELIP) During Photoinhibition," Itzhak Ohad, Dept. of Biological Chemistry, Hebrew U., Jerusalem. Room 322 Rebstock Hall.

4 p.m. Dept. of Biology Seminar, "Perspectives on N Metabolism: Where are We Headed?" Ganesh Kishore, Monsanto Co. 309 Rebstock.

4 p.m. Dept. of Biochemistry and Molecular Biophysics Seminar, "The Physical Properties of Lipids: From Alkanes to Complex Lipids," Donald Small, Dept. of Biophysics, Boston U. School of Medicine. Cori Aud., McDonnell Bldg.

4 p.m. Dept. of Physics Colloquium, "The Spin-Glass Menagerie," John Mydosh, prof. of physics, U. of Leiden, The Netherlands. 204 Crow.

7 p.m. Alpha Kappa Psi and the Stanley H. Kaplan Educational Center Ltd. Present a Seminar, "Introduction to Business School," Gerry Singer, academic program manager, St. Louis U. School of Business. Room 201 Busch Memorial Center, St. Louis U., 20 N. Grand. Free. For more info., call 997-7791.

7:30 p.m. School of Fine Arts and the Women's Society Present a Talk by Hung Liu, feminist artist. Steinberg Hall Aud.

Thursday, March 26

8 a.m. University College Presents an International Executive Seminar, "Doing Business in Central Europe and the Former Soviet Union: Opportunities and Risks," panelists: Timothy J. Smith, international trade specialist, U.S. Dept. of Commerce; Carol Skalik Leff, asst. prof. of political science, U. of Illinois; Dan West, director, Countertrade, Monsanto Corp.; Claire E. Nolte, visiting assistant professor, Dept. of History; Michael Littlechild, principal partner, London office, KPMG Peat Marwick; and Douglass C. North, WU Henry R. Luce Professor of Law and Liberty. Piper Lounge, Simon Hall. Cost: \$200. For info., call 935-6802.

Noon. Dept. of Cell Biology and Physiology Seminar, "Secretory Pathways in Neurons and Endocrine Cells," Pietro de Camilli, Yale U. Room 423 McDonnell Medical Sciences Bldg.

2:30 p.m. Dept. of Mechanical Engineering and the American Society of Mechanical Engineers Present a Colloquium, "Superconducting Levitation," Francis Moon, prof., Cornell U. Room 100 Cupples II.

4 p.m. Dept. of Earth and Planetary Sciences Colloquium, "Fluid Regime During the Last Stages of a Continental Collision: A Case Study Based on Fluid-Inclusion Data From Fissures Along the Basel Chiasso Geotraverse, Central Alps, Switzerland," Jean Dubessy, Center for Uranium Research, Nancy, France, and visiting scientist, geophysical laboratory, Carnegie Institute of Washington. Room 102 Wilson Hall.

4 p.m. Center for Interreligious Dialogue Presents a Lecture, "Fighting for Peace: Battlefield Ethics, Peace Talks, Treaties and Pacifism in Jewish Tradition," Michael Brody, Dept. of Religion, Emory U. Lambert Lounge, Mallinckrodt Center.

4 p.m. Dept. of Chemistry Seminar, "Pericyclic and Radical Reactions of Carbene Complexes," Craig A. Merlic, U. of California, Los Angeles. Room 311 McMillen.

4:15 p.m. Dept. of Philosophy Colloquium, "Network Optimization in the Brain," Chris Cherniak, assoc. prof. of philosophy, U. of Maryland. Women's Bldg. Lounge.

4:30 p.m. Dept. of Mathematics Presents a

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Loeb Colloquium, "Recent Advances in Operator Theory and Function Theory," Donald Sarason, prof. of mathematics, U. of California, Berkeley. Room 199 Cupples I.

Friday, March 27

9:15 a.m. Pediatric Grand Rounds, "Neuroblastoma: To Screen or Not to Screen?" Garrett M. Brodeur, WU assoc. prof. of pediatrics and of genetics. Clopton Aud., 4950 Audubon Ave.

1 p.m. Dept. of Electrical Engineering and the Dept. of Physics Present a Solid-State Engineering and Applied Physics Seminar, "Transverse Correlation Length Measurements on Magnetic Thin-Film Media," Guo Mian, WU graduate student. Room 305 Bryan Hall.

Saturday, March 28

8 p.m. Performing Arts Dept. Presents a Lecture and Dance Performance, "Anna and I," James May, soloist and asst., Anna Sokolow's Players' Project, New York. Mallinckrodt Center Drama Studio, Room 207. Cost: \$3; free for WU students. For more info., call 935-5858.

PERFORMANCES

Friday, March 20

8 p.m. Performing Arts Dept. Presents "Dancers Dancing." (Also March 21, same time.) Edison Theatre. Cost: \$7 for general public; \$5 for senior citizens, students and WU faculty and staff.

Saturday, March 21

8 p.m. Dept. of Germanic Languages and Literatures Presents "Christoph Kolumbus oder Die Entdeckung Amerikas," performed in German by WU students. Mallinckrodt Center Drama Studio, Room 208. Free. For info., call 935-5106.

Friday, March 27

8 p.m. Thyrsus Presents "Night School." (Also March 28, same time.) Mallinckrodt Center Drama Studio, Room 208. Cost: \$3 for general public; \$2 with WU ID. For more info., call 935-2605.

MUSIC

Friday, March 20

8 p.m. Dept. of Music Presents a Piano Recital with Sasha Starcevic, Masters of Music Program, Yale U. Steinberg Hall Aud. Free.

8 p.m. African and Afro-American Studies and the Contemporary Jazz Society of St. Louis Present "Black Heartland II Jazz Concert." The Sheldon Concert Hall, 3648 Washington Ave. For cost info., call 935-5216.

Sunday, March 22

3 p.m. Dept. of Music Voice Recital with Lauri Davidian, mezzo-soprano. Room 110 Fine Arts Bldg., Fontbonne College. Free.

7:30 p.m. Dept. of Music Presents a Concert with the University City Symphony Orchestra. Graham Chapel. Free. For info., call 725-1954.

EXHIBITIONS

"Columbus of the Woods: Daniel Boone and the Myth of Manifest Destiny." Through March 29. Gallery of Art, lower gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Free. For more info., call 935-5490.

"Helen and Newton Harrison Changing the Conversation: Environmental Projects Proposed and in Progress." Through March 22. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"The Revenge of Style: Stanley Elkin, Storyteller." Through April 10. Olin Library, Special Collections, Level 5. Hours: 8:30 a.m.-5 p.m. weekdays. Free. For info., call 935-5495.

"Wash U Works." Through March 22. Bixby Gallery, Bixby Hall. Hours: 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. Free. For info., call 935-4643.

"The Book as Patient, Crisis of the Printed Text." Through May 15. Glaser Gallery, 7th Floor, Medical Library, 660 S. Euclid Ave. Hours: 9 a.m.-5 p.m. weekdays. For info., call 362-7080.

FILMS

Friday, March 20

8 and 10:30 p.m. Filmboard Feature Series Presents "The Sting." (Also March 21, same times.) Room 100 Brown Hall. \$3. **For 24-hour Filmboard hotline, call 935-5983.**

Monday, March 23

7 and 9 p.m. Filmboard Classic Series Presents "Shame." (Also March 24, same times.) Room 100 Brown Hall. \$3.

Tuesday, March 24

7 p.m. Dept. of Asian and Near Eastern Languages and Literatures Chinese Film Series

Presents "Old Well." Room 100 Busch Hall. Free.

Friday, March 27

7 p.m. Gay and Lesbian Association of Student Social Workers Presents "The Families We Choose." Brown Hall Lounge. Free. For info., call 772-1924.

8 and 10:30 p.m. Filmboard Feature Series Presents "The Graduate." (Also March 28, same times.) Room 100 Brown Hall. \$3.

SPORTS

Friday, March 20

2:30 p.m. Baseball. WU vs. St. Mary's College. Kelly Field.

Saturday, March 21

10 a.m. Baseball. WU vs. Rockford College. Kelly Field.

3 p.m. Baseball. WU vs. Dubuque College. Kelly Field.

Sunday, March 22

10 a.m. Baseball. WU vs. Simpson College. Kelly Field.

3 p.m. Baseball. WU vs. Illinois Wesleyan U. Kelly Field.

Tuesday, March 24

2 p.m. Baseball. WU vs. McKendree College. Kelly Field.

Friday, March 27

2:30 p.m. Baseball. WU vs. Carleton College. Kelly Field.

MISCELLANY

Thursday, March 19

8:30 a.m. African and Afro-American Studies, the American Culture Institute, and the Missouri Historical Society Present a Conference, "Black Heartland II." Through March 22. For registration costs and general info., call 935-5216.

8:30 a.m.-4 p.m. Center for the Study of Data Processing Seminar, "Software Testing Methods," Dan Mosley, WU senior technical assoc., STIM. (Seminar continues March 20, same time.) Room 232 Prince Hall. Cost: \$100 for WU faculty and staff. For info., call 935-5380.

Saturday, March 21

10 a.m. The Thurtene Junior Honorary Presents the Thurtene Throng 5 Mile Road Race. Bates Memorial in Forest Park. Registration: 8:30-10 a.m. Cost: \$10. For more info., call 935-2901.

Peace on Earth Presents PeaceWeek '92.

March 21-28. For information on activities, call Drew Tulchin at 721-0229.

Tuesday, March 24

9 a.m.-4 p.m. Computer-Integrated Manufacturing Center Seminar, "Capacity Management," John Musolf, executive consultant, American Software. (Seminar continues March 25, same time.) STIM Labs, 1144 Hampton Ave. Cost: \$100 for WU faculty and staff. For info., call 935-5380.

Friday, March 27

1 p.m. Dept. of Germanic Languages and Literatures and the Goethe Institute Present the 11th St. Louis Symposium on German Literature, "The Graph of Sex and the German Text: Gendered Culture in Early Modern Germany 1500-1700." Seminar continues through March 29. Olin Women's Bldg. For info., call 935-5106.

7:30 p.m. School of Fine Arts Presents a Workshop, "Image Transfer Using Polaroid Film," Jennifer Colton, WU lecturer in photography. (Continues through March 29.) Lewis Center. Cost: \$100. For more info., call 935-4643.

Saturday, March 28

8:45 a.m.-5:45 p.m. Dept. of Music Presents the American Musicological Society Midwest Chapter Spring Meeting 1992. (Meeting continues 9 a.m.-11:30 a.m. March 29 in Brown Hall Lounge.) Gaylord Music Library. Free. For info., call 935-4841.

11 a.m.-12:30 p.m. Performing Arts Dept. Presents an Intermediate-Advanced Master Class with James May, WU Marcus Artist. Olin Studio. Free. For more info., call 935-5858.

3 p.m. Memorial Service for Robert M. Mains, professor emeritus of civil engineering. Bopp Chapel, 10610 Manchester Road.

Calendar Deadline

The deadline to submit items for the March 26-April 4 calendar of the Record is March 20. 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. Send items to Marilyn Chill, Box 1070, or by electronic mail to p72245CM at WUVMC.