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Nobel-winning physicist to deliver McDonnell lecture

Nobel Prize-winning physicist William Fowler will give the James S. McDonnell Lecture in the Assembly Series. His lecture and slide presentation, titled "The Quest for the Origin of the Elements," will be at 11 a.m. Wednesday, Feb. 5, in Graham Chapel. The lecture is free and open to the public.

Fowler is Institute Professor of Physics Emeritus at the California Institute of Technology in Pasadena, Calif. His 1983 Nobel Prize was awarded for theoretical and experimental studies of the nuclear reactions important in forming the chemical elements of the universe.

For nearly 50 years, he worked at Caltech's W. K. Kellogg Radiation Laboratory, where he studied the synthesis of heavier elements from hydrogen and helium, two gases thought to be the building blocks with which the universe began.

In Graham Chapel, Fowler will give an updated version of his 1983 Nobel lecture. He will explore the development of the scientific discipline of nuclear astrophysics, the application of nuclear physics to astronomy. Many basic problems in the field remain unresolved, according to Fowler.

Fowler received his bachelor's degree from Ohio State University in 1933 and his doctoral degree from Caltech in 1936. He has been a Fulbright Lecturer and a Guggenheim Fellow and has lectured throughout the world.

The McDonnell lecture is presented annually in honor of James S. McDonnell. Previous McDonnell lectures have been given at the medical school by Nobel Prize winners whose work pertained to research in the medical school laboratories supported by gifts from McDonnell.

Fowler's Nobel Prize work, though not directly related to the space sciences, is crucial to the research of the University's McDonnell Center for the Space Sciences.

For more information, call 889-4620.

Area's homeless guaranteed more shelters after law school students help win suit

Carla J. Ehlers formerly viewed the homeless as people who chose to live on the streets.

But after completing the law school's "General Civil Practice Clinic" course, the third-year law student from New Athens, Ill., has changed her opinion.

Ehlers, one of 58 students participating in the course over the past two years, was involved in litigation against the city of St. Louis that will result in more shelters and services for St. Louis' homeless.

WU's role was spearheaded by Kenneth M. Chackes, J.D., visiting assistant professor of law, who teaches the course as part of the law school's Clinical Education Program.

"I always thought street people had a choice about where they lived," says Ehlers. "But I learned differently. Many are in devastating, temporary situations. They have fallen on hard times -- a roof has caved in or fire has destroyed their meager possessions. They have no place to go."

Ehlers' task for the project was to take the deposition testimony of Barbara Geisman, the executive director of the city's Community Development Agency, to determine how much agency funding is allotted for the homeless, and what services are provided with the funding. "I was happy to have the opportunity to work on the case," says Ehlers.

"It was a worthwhile community project, and it helped my legal education tremendously. I was a bit nervous, but it was a good experience."

The University's involvement in the case began during the fall semester of 1984 when students in Chackes' civil practice internship course participated in the initial planning and research for the case. This clinic course, the law school's oldest, operates at Legal Services of Eastern Missouri Inc. at 625 N. Euclid Ave.

Attorneys at Legal Services were contemplating legal action on behalf of the homeless when Chackes joined the WU faculty in 1984.

The students found that each year approximately 10,000 people in the city live on the streets or in shelters, and thousands more live in substandard housing. More than half of the homeless are women and children.

By the end of the fall semester, Chackes and the attorneys from Legal Services decided to represent the homeless in a class-action lawsuit against the city of St. Louis. The attorneys from Legal Services were Michael Ferry, an adjunct professor at the law school; Daniel K. Glazier, a graduate of the University's law and social work schools; and Sandra Farrant-Hemphill. Richard Teitelman, the executive director and general counsel of Legal Services, also is a graduate of WU's law school.

Throughout the spring, summer and fall of 1985, the attorneys and students worked diligently on the case. Their efforts were rewarded at 4:50 p.m. Nov. 15, when attorneys for both sides and Circuit Judge Edward M. Peck signed a consent decree that settled the lawsuit. Under the settlement, the city is obligated to meet the needs of the homeless by providing shelter and other services. The city must provide temporary shelter for 200 more homeless people this year. Furthermore, St. Louis officials are required to furnish at least 100 additional apartments for homeless families in 1986. Other services the city must supply include a centralized reception center with coordinated services to the homeless, a transportation system, and a day-care center where counseling and health-care screening also will be provided.

Chackes, who spent about 250 hours on the case, says the impact of the litigation "is yet to be seen, but we're off to a good start. No one knows whether the additional services will be enough."

He attributes the success of the litigation to several forces that worked together: the law school's clinical program, Legal Services, and community organizations that serve the poor and homeless.

Chackes says representatives...
Science reference area part of Olin renovations

Olin Library underwent some changes over the winter break designed to streamline services to faculty and students and create more workspace for cramped library personnel.

The most important change has been the establishment of a new science/engineering reference area. This new service, located on level four, was created in response to increasing requests for science and engineering materials.

"After examining closely the needs of the engineering department and the growth of interdisciplinary fields in that area, we saw a strong need for special services," says Charles D. Churchwell, Ph.D., dean of the WU Libraries.

The new unit not only accommodates the increasing demand for materials, but also gives users more concentrated professional assistance and helps them locate materials more quickly. Jimi Balachandran, head of science/engineering services at Olin Library, says, "Particularly helpful to those doing research in this area will be the availability of trained science librarians to assist them."

Balachandran explains that Olin Library had a special science/engineering reference area several years ago, but was forced to close it due to lack of staff.

Clara McLeod, the library's science/engineering librarian, began staffing the new reference area Jan. 1. She is there from 8:30 a.m. to 5 p.m. A search is now in progress for a second science/engineering librarian to assist in the new service.

Mean time, McLeod receives help from WU students Slim Zarrouk and Terry Schmuck

In other changes, the interlibrary loan office has been moved from the general reference area to circulation services. The general reference services area will spread out into the space previously occupied by interlibrary loan. Computer search services also will be incorporated into the reference area.

Technical services, on level three, also has been reorganized. This area includes the cataloging unit, serials, and data processing units.

For more information, call the science/engineering reference desk at 889-4640, Balachandran at 889-5467, or McLeod at 889-5410.

Festival features films based on novels

The WU Libraries Bookmark Society will present a month-long film festival featuring movies based on classic or well-known novels. Each screening will be followed by a discussion led by a WU professor.

The Literary Cinema Series includes:


Monday, Feb. 10: "All the King's Men," based on the novel by Robert Penn Warren. Discussion will be led by Robert Salisbury, Ph.D., professor of political science.

Tuesday, Feb. 18: "The Tin Drum," based on the novel by Gunter Grass. Discussion will be led by Lynne Taillock, Ph.D., assistant professor of German.

Monday, Feb. 24: "La Bete Humaine" (The Human Beast), based on the novel by Emile Zola. Discussion will be led by Maryann DeJulio, Ph.D., assistant professor of French.

These film/discussion programs will be held in Rebstock Hall, Room 215. All programs will begin at 7 p.m. and are free and open to the public. For more information, call 889-5400.

Mark Twain, Halley's Comet 'star' in two short courses

Mark Twain's birth in 1835 coincided with the appearance of Halley's Comet; his death in 1910 was a day after the comet's reappearance. As the 75th anniversary of Twain's death and the return of the comet are observed, University College is offering short courses this semester on the two 'stars.'


"Mr. Halley and His Comet," taught by Michael W. Friedlander, Ph.D., professor of physics, is a three-lecture survey of the historical importance and current astronomical interest of Halley's Comet. The course is offered on three Mondays from 7:30 to 9 p.m. Feb. 24 and March 3 and 10 in Crow Hall, Room 201. The fee is $40.

For registration, call 889-6799.

Morality and literature topic of Saturday Seminars

Saturday Seminars 1986 at WU, titled "Telling Right From Wrong: Morality and Literature," will be from Feb. 1 to March 8.

The seminars, which are free and open to the public, are from 11 a.m. to 12:30 p.m. in the Ann Whitney Olin Women's Building Lounge. Audience participation will be encouraged.

Moderated by Robert C. Williams, Ph.D., professor of history and dean of University College, the series features WU faculty. The schedule is:

Feb. 1 — "Morality and Magic: Dr. Faustus," led by Gerhild Scholz-Williams, Ph.D., associate professor of German;

Feb. 8 — "Images of Holy War: Purity and Heroism in Islamic Literature," Robert L. Canfield, Ph.D., associate professor and chairman of anthropology;

Feb. 15 — "I'sben and the Moral Occult: Playing 'A Doll's House,'" Joseph R. Roach, Ph.D., associate professor and chairman of performing arts;

Feb. 22 — "Truth Seekers and Storytellers," Wayne Fields, Ph.D., associate professor of English, and Maryann DeJulio, Ph.D., associate professor of German;

March 8 — "Roundtable Discussion"

The annual series is sponsored by the Master of Liberal Arts program and University College. For more information, call 889-6777.
NOTABLES

George Chopin, Tom Ogorzalek, Zack Edmonds, John Konsek, John Brill and Dennis Northcott have been named to the All-Midwest soccer team by the National Soccer Coaches Association of America. Chopin, Ogorzalek and Edmonds were named to the first team, while Konsek, Brill and Northcott were second-team selections. In addition to the All-Midwest team, an All-Missouri collegiate soccer team was chosen involving NCAA Division II, III and NAIA teams. The Bears' six All-Midwest players were named to that team along with freshman Tom Hundelt.

Lawrence Iles, a doctoral candidate in history, attended the American Historical Association (AHA) meeting, held Dec. 27-31 in New York. His trip was financed through the AHA with a $225 U.S. Information Agency Foreign Student Travel Scholarship. His bachelor's degree is from the University of Newcastle Upon Tyne in England and master's degrees are from the University College London and University of Illinois-Urbana.

Robert M. Johnston, LL.B., professor of law, has published an article in the journal Taxes, titled "Avoiding Malpractice Claims That Arise Out of Common Estate Planning Situations." Taxes is published by Commerce Clearing House.

Ann Dundon and Philip Simmons, students in the Graduate School of Arts and Sciences, have received fellowships under the recently established National Graduate Fellowship Program. The 30-month awards provide tuition and stipends of $10,000 per year and annual tuition scholarship awards of $6,000.

The U.S. Department of Education received about 1,600 applications for the fellowships, from which 139 finalists were named and 75 fellowships awarded. "The fellowship program was authorized by Congress in 1985 but not funded until this year," said Edward N. Wilson, dean of the graduate school and head of the graduate school's clinical program, notes that WU is able to provide valuable legal services to the community.

Two graduate students among 75 nationwide awarded fellowships

Two graduate students among 75 nationwide awarded fellowships

Trio Mozart, a fortepiano trio on original instruments, will perform at 8 p.m. Wednesday, Feb. 12, in Steinberg Auditorium. Admission to the concert is free.

Trio Mozart, in residence at the University through Feb. 14, comprises violinist Jean Lamon and cellists Christina Mahler, both members of the Tafelmusik Baroque Orchestra in Toronto, and Seth Carlin, concert pianist and WU associate professor of music.

Robert C. Smith, professor of art and head of the graphic communications area in the School of Fine Arts, is exhibiting his designs, ranging from annual reports to outdoor fountains, in a one-man show through Jan. 24 at the Art Center Gallery of Central Missouri State University in Warrensburg. He will lecture on the show on Jan. 24 at the gallery.

Mary Beth Mohrman, a senior in the College of Arts and Sciences, has been awarded the 1985-86 Percy Tucker Scholarship as the outstanding senior in economics. The scholarship, awarded annually, was established in 1982 by Percy Tucker, whose son, Paul, received a degree through University College in 1959.

A. Peter Mutharika, J.S.D., professor of law, has published his 1985 supplement to volume two of The Alien Under American Law. The supplement is published by Oceana.

Lawrence F. O'Neill, administrator of physical facilities, has been accepted on the American Arbitration Association's Panel of Arbitrators. The American Arbitration Association facilitates settlement of disputes as an alternative to litigation.

Karen Schmitendorf and Sam Tams, graduate students in the School of Fine Arts, are exhibiting their artwork through Feb. 7 at the 8th Street Gallery in south St. Louis. Schmitendorf is showing drawings and tams, an installation piece.

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Timothy Waldmann, a senior in the College of Arts and Sciences, has been awarded the 1985-86 Percy Tucker Scholarship as the outstanding senior in economics. The scholarship, awarded annually, was established in 1982 by Percy Tucker, whose son, Paul, received a degree through University College in 1959.

Have you done something noteworthy?

Have you: Presented a paper? Won an award?

Carolyn Sanford
LECTURES
Thursday, Jan. 30
4 p.m. School of Fine Arts Lecture with six Midwest sculptors discussing their work. Simon Berg. They are featured in the "Three Dimensions in Mid-America" exhibit by Bibby Gallery through Jan. 30.
Friday, Jan. 31
4 p.m. Dept. of Music Lecture Demonstrations by Mary Springfels, specialist in early bowed-string instruments. Blewett B-8.
Saturday, Feb. 1
11 a.m. University 11 College Saturday Seminar, "Morality and Magic: Dr. Faustus," Gerhard Scholz-Williams, NWU assoc. prof. of German. Woman's Bldg. Lounge.
Monday, Feb. 3
8 a.m. Dept. of Germanic Languages and Literatures Lecture, "Why Should Americans Read Goethe Today?" Henry H. Remi, prof. of German and comparative literature, Indiana U. Hurlt Lounge, Dunker Hall.
Tuesday, Feb. 4
Wednesday, Feb. 5
4 p.m. Dept. of Physics Colloquium, "How Fast Can Pulses Spin?" John Friedman, dept. of physics, University of Wisconsin-Milwaukee. 204 Crow.
Friday, Feb. 7
6 and 8:30 p.m. WU Association Film Travel Lecture Series, "Australia, Land of High Contrasts." Kendra Lawrence, filmmaker. Graham Chapel. Tipple for info. call 689-5122.
Saturday, Feb. 8
PERFORMANCES
Friday, Feb. 7
8 p.m. WU Performing Arts Area Presents two one-act comedies, "Ghostbusters." 208 Mallincrodt Center. (Also Sat., Feb. 8, same time, and Sun., Feb. 9, at 2 and 8 p.m. Admission is $3.
FRIDAYS
Thursday, Jan. 30
7 and 9:30 p.m. WU Filmboard Series, "Through a Glass Darkly." $2. Brown Hall.
Friday, Jan. 31
7 and 9:30 p.m. WU Filmboard Series, "Ghostbusters." $2. Brown Hall. (Also Sat., Feb. 1, same time, and Sun., Feb. 2, at 7 p.m.) Brown.
Saturday, Feb. 8
11 a.m. Women's Bldg. Swimming, WU Invitational. Millstone Pool.
5:30-7:30 p.m. WU Filmboard Series, "Why Should Americans Read Goethe Today?" $2. Brown Hall. (Also Sat., Feb. 1, same time, and Sun., Feb. 2, at 9:30 p.m.) Brown.
MUSIC
Saturday, Feb. 1
9 p.m. Dept. of Music Colloquium Musician Drama, "The Tale of Truth." Steinfeld Auditorium.
MISCELLANY
Thursday, Jan. 30
1-2:30 p.m. University College Short Course, "Mark Twain, Revisited." Wayne Fields, WU assoc. prof. of English. Six Thurs- days through March 6. $75 registration fee. For info. and class location, call 889-6788.
Monday, Feb. 3
2-3 p.m. Personal Computing Education Center Short Course 201, "Using JCL." Sara Johnson. (Also Feb. 4-7, same time.) Free to WU community. Call 889-5815.
5-6 p.m. Campus Y Razzamajazz Class. Unimath Lounge. From Feb. 3 to March 26 on Mondays and Wednesdays from 5-6-7 p.m. Cost is $28 for WU students and Health- care Network members, $35 for non-students.
6-7:30 p.m. Campus Y Ethnic Cooking Class. Campus Y. From Feb. 3 to April 7 on Mondays. Cost is $50 for WU students, $60 for non-students.
Thursday, Feb. 6
10-11 a.m. Personal Computing Education Center Short Course 001, "Introduction to Computers." Sarah Sher. Free to WU community. To register, call 889-5815.
4 p.m. Campus Y Meditation Class. Campus Y Tai Chi. Unimath Lounge. From Feb. 4 to March 25 on Tuesdays and Thursdays. Also 12-1 p.m. Wednesdays. Cost is $28 for WU students and Health-care Network members, $35 for non-students.
7-8 p.m. Campus Y Floor Exercise Class. La Casone, WU. From Feb. 4 to March 27, 10 a.m. Mondays and Thursdays. Cost is $28 for WU students and Healthcare Network members, $35 for non-students.
Wednesday, Feb. 5
Tuesday, Feb. 4
1-2:30 p.m. University College Short Course 002, "Computing Facilities." Brian Sher. Free to WU community. To register, call 889-5815.
4-5 p.m. Campus Y Meditation Class. WU Woman's Club Fitness Center. From Feb. 4 to March 26. Cost is $10 for WU students, $20 for non-students.
7-8:30 p.m. Campus Y Hatha Yoga Class. WU Woman's Club Fitness Center. Also 9:30-10:30 p.m. Wednesdays. Cost is $28 for WU students and Healthcare Network members, $35 for non-students.
Thursday, Feb. 6
6:30 p.m. Learning Center Workshop, "Tips on Writing Job and Graduate School Ap- plications." WU Woman's Club, Room 512 For more info., call 889-5039.
Friday, Feb. 7
Noon. International Wives Section of Woman's Club Luncheon featuring ethnic foods. Renata Rokowicz will speak on "The Soviet Press." Lunch is $3. Call for res. and # for guests. Woman's Bldg. To make reservations, call P. 350 Davis, 885-5426, or Kay Parris, 725-4438.
Saturday, Feb. 8
9 a.m.-noon. WU Dept. of Dance will hold children's dance classes at the Dance Studio. Mallincrodt Center. Ten Saturday classes through April 19. Cost is $40 for 10 sessions. More info., call 889-5885 or 721-9958.
Calendar Deadline
The deadline for submitting items for the Feb. 20-27 calendar of the Washington University Record is Feb. 7. Items must be typed and state time and date, place, nature of event, sponsor and admission cost. Incomplete items will not be published. Include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McCloy, calendar editor, Box 1070.