Gerald Early, Ph.D., left, speaks with former Washington University Provost Merle Kling during a reception honoring Early's appointment as the Merle Kling Professor of Modern Letters in the Department of English in Arts and Sciences.

During a Feb. 6 reception honoring his appointment as the Merle Kling Professor of Modern Letters in the Department of English in Arts and Sciences, Gerald Early, Ph.D., delivered a heartfelt speech. Early, who is also professor and director of the African and Afro-American Studies Program in Arts and Sciences, succeeded the late Stanley Elia as the Kling professor. A chair that was created to honor Kling on his retirement in 1983 as provost. The following are excerpts from the speech Early gave in the packed Women’s Building Formal Lounge:

I have been asked to make a brief address to you in which I should discuss my work and its meaning or, perhaps put another way, that should discuss how I came to this position today of receiving another way, that should discuss how I 'You remembered me'

Chapel. His lecture, "America on the Eve of the 21st Century," is part of the Assemblies. However, public seating will be with Washington University identification. and entrepreneur-economic growth Kemp is a Powerful America, a public policy advocacy organization he founded in 1993 goals include the expansion of freedom and democratic capitalism and advancing policies to encourage economic growth and entrepreneurship. Kemp is a Distinguished Fellow at the Heritage Foundation and a Visiting Fellow at the Hoover Institution. He is also on the board of directors of Habitat for Humanity and on the board of Howard University in Washington, D.C. Kemp, who served as HUD secretary from 1989 to 1992 under President George Bush, is credited with the establishment of Enterprise Zones and an effort to expand home ownership among the poor during his tenure. Prior to his cabinet appointment, he represented Buffalo, N.Y., in the U.S. House of Representatives from 1971 to 1989. Before serving in Congress, Kemp was a professional football quarterback for 13 years, playing for the Buffalo Bills in the team's successful 1964 and 1965 seasons, during which he was named the league's most valuable player. Kemp did not seek the Republican presidential nomination this year because, he said, his passion for ideas is not matched by a passion for fund raising. Kemp's lecture is co-sponsored by the Assembly Series, the Campus Jewish Relations Council, the College Republicans, the Council of Students of Arts and Sciences, the Department of Political Science in Arts and Sciences, the Jewish Student Council, the Political Science Undergraduate Association, Student Union, the Washington University College Democrats, and the Washington University Bdal Affairs Committee. For more information, call 935-5297.

Archaeologist helps unravel hominid prints

Archaeologist Fiona Marshall, Ph.D., has excavated many different materials—bones, stone tools, fire pits, pottery, post holes, even ancient hut floors—but last summer, she excavated true roots that were threatening to engulf the footprints dated at 3.5 million years old. The hominids (Australopithecus afarensis) who made these prints were ancestors of modern humans. The prints, which were first discovered in 1978 by paleontologist Mary Leakey, show three hominids walking north across an open plain and are among the most remarkable remains of early hominids. They easily the most dramatic evidence of early humanoidism. The international team, a collaboration between the Getty Conservation Institute (GCI) in California and the Tanzanian government, is re-excavating, documenting, and conserving the footprints and developing a plan for protecting them for posterity. The whole project was scheduled to take one or two more years. In 1979, after Leakey and her team excavated the footprints, they studied them for about two feet of soil—a common practice to preserve the footprints on the ground. In recent years, scientists had become concerned as more and more footprints and shells were in the trackway. It was a bit like turning the soil in a garden," Marshall said. "The Leakey team created a microhabitat that was very good for conserving the footprints. By burying the footprints, they carefully buried them under about two feet of soil—a common practice to preserve the remains on the ground. In recent years, scientists had become concerned as more and more footprints and shells were in the trackway. They hoped it would be less conducive to vegetation than the vegetation than it has been."

Marshall led the team that re-engaged the footprints. Other experts included conservators, geologists, botanists, photographers and scientists that study locomotion. One of the big unanswered questions is whether Australopithecus anamensis was better at swinging through trees or walking across the plains. Last summer's excavation focused on about 10 meters of the southern portion of the hominid trackway, which is known as

WASHINGTON UNIVERSITY IN ST. LOUIS

Vol. 20 No. 20 Feb. 15, 1996

In this issue...

Fighting Infertility 

New drugs may alleviate frequent injections and risk of multiple births

Conductor of the court

Webern's works and Gunther Fohey is an intense leader and a believer in opportunity

Bear's Den renovations

A fire at a World Student Center caused upgrades to be undertaken earlier than planned

Former HUD Secretary Jack Kemp to lecture in Assembly Series

Jack Kemp, former secretary of the U.S. Department of Housing and Urban Development (HUD), will speak at 11 a.m. Wednesday, Feb. 21, in Graham Chapel. His lecture, "America on the Eve of the 21st Century," is part of the Assembly Series. Seating will be limited initially to those with Washington University identification. However, public seating will be available if seats remain at 11 a.m. A live telecast of Kemp's lecture will be broadcast in Room 215 Rechock Hall for those unable to gain admittance to Graham Chapel.

In March 1995, Kemp was appointed head of the National Commission on Economic Growth and Tax Reform to study how tax reform might benefit the economy. The commission's findings, which were reported last month, recommended a flat tax, among other changes. Kemp is on the board of directors of Empower America, a public policy advocacy organization he founded in 1993 with William Bennett, Vin Weber and Jesse Kelly. Empower America's goals include the expansion of freedom and democratic capitalism and advancing policies to encourage economic growth and entrepreneurship. Kemp is a Distinguished Fellow at the Heritage Foundation and a Visiting Fellow at the Hoover Institution. He is also on the board of directors of Habitat for Humanity and on the board of Howard University in Washington, D.C. Kemp, who served as HUD secretary from 1989 to 1992 under President George Bush, is credited with the establishment of Enterprise Zones and an effort to expand home ownership among the poor during his tenure. Prior to his...
Wayne Barnes named 1996 Missouri Inventor of the Year

Wayne M. Barnes, Ph.D., has been named the 1996 Missouri Inventor of the Year. He received the award, given by the Patent, Trademark and Copyright Section of the Bar Association of Metropolitan St. Louis, on Monday, Feb. 12, at the annual meeting of the American Association for the Advancement of Science in Baltimore.

Barnes, an associate professor of biochemistry and molecular biology, has gone back to the drawing board to make infertility treatments easier on women. By tinkering with reproductive hormones, he is creating forms that may stimulate ovulation without the discomfort of frequent injections or the risk of multiple births.

"Women who take hormones prior to in vitro fertilization or for other infertility problems receive several injections daily," said Barnes, also a professor of obstetrics and gynecology. "If we have designed shorter-acting versions that might be effective with fewer injections.

Studies with cultured cells and animals are paving the way for human trials. Barnes discussed the advent of designer drugs, a new hormone called gonadotropins. Each member is made of two related proteins that snap together like Lego blocks. One protein, the alpha sub-unit, is the same in all gonadotropins. The beta sub-unit differs. 

"Boime took advantage of this difference to "improve" the FSH molecule. Through genetic manipulation, he created cell lines that secrete a hybrid FSH. The beta sub-unit of the altered hormone carries a piece of the beta sub-unit from a related placental hormone. Human chorionic gonadotropin (hCG) maintains pregnancy, and its beta sub-unit allows it to stay in the bloodstream longer than FSH. A colleague at Stanford University, Aaron J. W. Hauch, Ph.D., found that the new version of FSH survived in animals three times longer than natural FSH. These results establish a rationale for making such hybrid molecules for clinical use," said Boime. "Moreover, treatments with natural FSH have the potential to overstimulate the ovary, which can result in multiple births. So by controlling the dose, it should be possible to give women one injection of the long-lasting FSH without causing overstimulation."

The modified FSH has been patented and Oronacan, a pharmaceutical company in the Netherlands, has licensed the technology for commercial development. "Boime also has modified human chorionic gonadotropin, which is used in lieu of another natural hormone to stimulate sperm production in infertile men. Because the hormone's two sub-units are unassimilated before it is broken down, Boime thought it might last longer if the sub-units were welded to each other in tandem. So he joined the genes, making sure the relevant parts of both units still could fit together to make the active part of the molecule. "This single chain works both in cultured cells and animals," he says. "And it is active for longer than natural hCG."

Boime said he believes these recombinant techniques could be applied to other two-part hormones and growth factors. "One approach could produce a variety of clinically important molecules that would be more potent, safer and easier to use," he predicted.

Linda Sage
After paying dues, Fahey reaps dividends

T

o watch Nancy Fahey coach on the basketball sidelines is to be transfixed by the conductor instead of the orchestra. To be visually captivated, the conductor must stay focused, driven, and intense, conveying a whirlwind effect to the spectators.
Thursday, Feb. 15


4 p.m. Biology and biomedical sciences seminar. “Onward and Stereo in the Germline,” Peter J. Donouss, head, Dept. of Cell Biology, National Cancer Institute, NIH, Bethesda, Md. 362-3264.


Tuesday, Feb. 20
4:35 p.m. Physics lecture. “Exchange Coupling in Magnetic Oxide Heterostructures.” Yori Sunak, postdoctoral member of the technical staff, AT&T Bell Laboratories, Murray Hill, N.J. Room 241 Compton Hall. 935-5726.


Friday, Feb. 23


1:45 p.m. Colloquium. “PranaC307: The Exception to the Rule.” Yori Sunak, postdoctoral member of the technical staff, AT&T Bell Laboratories, Murray Hill, N.J. Room 204 Ceramics Bldg. 362-7059.


Wednesday, Feb. 21


Saturday, Feb. 17

Friday, Feb. 16
9:15 a.m. Pediatric Grand Rounds. “Clinical Pediatric Dermatology. (See story, page 1.)”

8:30 a.m. Social work lecture. “A New Model for Women with Chronic Illness.” Jean Emsas, Ray Kroc Visiting Professor of Pediatrics, assoc. prof. of pediatrics, and co-chair, Division of Adolescent Medicine, U. of California, San Francisco. Cori Aud., 4565 McKinley Ave. 362-7059.

7:30 a.m. Anesthesiology Grand Rounds. “How Do You Manage ‘Dead-Run Better?’” William J. Mazuzi, vice chair, Dept. of Critical Care, and medical director, Perioperative Services, U. of California, San Diego, Wohl Hospital Aud. 4960 University Blvd. 698-7578.


Saturday, Feb. 17
8 a.m. Veece recital. Featuring soprano Melinda Block, a senior art major. Block will perform a program titled “Veece Explorations.”

Tuesday, Feb. 19

2:30 p.m. Wind ensemble concert. Program: “Five Short Songs on Women’s Names” by Arthur Honegger, “The Cloisters” by Francis Poulenc, and “Despite and Still” by John Corigliano, “Meamorphoses” also will present a display of her artwork. Clopton Aud, 4950 Children’s Place. 362-7059.

12:45 p.m. Colloquium. “PrBaCl307: The Exception to the Rule.” Yori Sunak, postdoctoral member of the technical staff, AT&T Bell Laboratories, Murray Hill, N.J. Room 204 Ceramics Bldg. 362-7059.


Wednesday, Feb. 21


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8 a.m. Veece recital. Featuring soprano Melinda Block, a senior art major. Block will perform a program titled “Veece Explorations.”
**Performances**

**Friday, Feb. 16**

5:45 p.m. Hillel Center partnership dinner. Featured guests are USP board members and their families who wish to meet with and hear from members. Active members will help Hillel grow and improve. Cost: $7 for members and $8.50 for non-members. Hillel Center, 3300 W. Pine Blvd. For more information, call 935-5994.

**Saturday, Feb. 17**

8:30 p.m. - 3 a.m. German soiree. Potluck lunch provided by graduate students in the Dept. of Germanic Languages and Literatures. First Floor, Stix International House. 935-9598.


6 p.m. Black Alumni Council celebration. "Excellence: The Key to Success." Dinner and program in Bixby Hall. To make reservations, call 726-6177.

**Friday, Feb. 23**


4 p.m. Performing Arts Dept. presents "An Evening of Extraordinary Yet Extremely Tangible Dance (and Some Dam Good Music)." Performing as a tandem "in" students. (Also Feb. 24, same time.) On 1 Furniture Studio, Women's Bldg. 726-9116.

**Miscellany**

**Thursday, Feb. 15**

Deadline for abstracts for graduate student research symposium. Poster presentations will be displayed on McDonnell Hall on March 23. To submit a brief abstract to the Graduate Student Senate, Campus Box 1187, or contact your Graduate Student Senate representative, 725-0372.

4 p.m. Jewish Awareness Month event. A Jewish writing workshop with writer James Stone Gilday of New Seon Shalom Congregation and WU student Casian S. First floor, Stix International House. 935-5994.

**Saturday, Feb. 24**

10:11-11:30 a.m. Authors panel discussion. Featured authors include David Carkert. Donald Finkel and Steve Ditko. Bidg. Bixby Hall. Cost: $20 for the general public, $15 for students, retirees and staff. To register, call 935-4643.

2 p.m. Storytelling performance. Children's Center hosts the St. Louis Storytelling Project, a 45-year-old African-American life in St. Louis. Held in conjunction with the Gallery of Art's Robert S. Duncanson exhibit. (See Exhibits.) 4 p.m. Gallery of Art, upper gallery, Stix International House. 935-5480.

**Continuing Medical Education conference registration deadline.** For more information, call 935-5096.

3 p.m. Unusual Performances series, "Review," to be held Mondays March 4 throughout May 22 at The Jewish Hospital of St. Louis. tickets are $20 for the general public, $15 for students, retirees and staff. To register, call 726-6177.

**Sunday, Feb. 18**

11:00-12:30 a.m. Published authors panel discussion. Featured authors include Len Berman. Michael W. Stein and Martin Cruz Smith. To register, call 935-4643.

2 p.m. Storytelling performance. Children's Center hosts the St. Louis Storytelling Project, a 45-year-old African-American life in St. Louis. Held in conjunction with the Gallery of Art's Robert S. Duncanson exhibit. (See Exhibits.) 4 p.m. Gallery of Art, upper gallery, Stix International House. 935-5480.

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**Missouri: Women's Basketball**

Women cagers win two but suffer costly loss

While the WU women's basketball team won two of its three contests last week, the one loss dealt a strong blow to the Bears' NCAA title aspirations. The Bears dropped a 67-47 decision at Emory University, giving the Bears their second league loss. New York University, which comes into town this weekend, remains unbeaten in UA play with just three games remaining. The Bears did advance their NCAA tournament prospects, though, with a 76-49 win over MacMurray College (Jacksonville, 111.) and a 59-50 victory at Carnegie Mellon. WU entered the week with a season-high .249 record in the NCAA Division III conference rankings. Former senior Dana Bryant highlighted the Bears' effort last week, setting a season-best 22 points on 46-13 shooting at Carnegie Mellon. Bryant also reached double-digits with 10 points against MacMurray.

**Sports**

**Gears for second UAA crown in a row**

Finishing its grueling road schedule (15 away games) with a pair of University Athletic Association (UAA) victories, the Washington University men's basketball team is poised to repeat as conference champions. The equation is simple for the 24-ranked Bears — win their final three games at home, and they will capture their fourth UAA title and make their sixth NCAA postseason tournament appearance since 1987. The Bears have already secured a first-place showings, one school-record victory at Emory University (Atlanta) and Carnegie Mellon (Pittsburgh). Senior Brent Dalrymple had 29 points, eight rebounds and four steals in the Bears' 74-67 win at Emory. The Bears concluded their road season with a 78-67 victory over Carnegie Mellon as senior Kevin Feldkamp scored a season-high 25 points.

Current record: 17-5 (10-1 UAA)

This week: 6 p.m. Friday, Feb. 16, vs. New York University, Field House; 3 p.m. Sunday, Feb. 18, vs. Brandeis University, Field House

**Swim teams gear up for UAA Championships**

In their final tune-up before hosting the UAA Championships on Feb. 21-24, the men and women's swimming and diving teams seek Principia College (Elsah, Ill.) The women, led by two wins each from sophomore Liz Burrow and junior Christine O'Brien, posted a 135-104 victory. The men, paced by double-win outings from senior Rob Powes and junior Matthew Myerson, emerged with an 116-57 victory. Together, the two WU teams won 18 of the 26 events. The Bears will be idle this week as they continue tapering for their respective UAA Championships — the season's centerpiece event.

Current record: men 8-2, women 4-3

This week: idle

**Indoor track squads produce solid effort**

The Bears produced a trio of individual first-place showings, one school-record performance and 12 personal-bests in a fine showing at the Illinois Wesleyan University (Bloomington, Ill.) Indoor Track Classic on Saturday, Feb. 10. Jeremy Jordan, who won the 5,000 meters in 14:57.88, tied the school record of 14:57.88, set at the 1979 NCAA Indoor Championships. Jordan swept the 3,000-meter race with a time of 7:59.98, the third-fastest time in the nation this season.

Fruit, staff and students are invited to participate in the "Into the Streets" program. This is a once-a-week opportunity for members to perform community service for a day. This week's schedule is as follows: Students and staff are encouraged to take part in the program — in addition to students, members of the WU community are welcome to participate. Volunteers will be open from 2 to 6 p.m. in Mallinckrodt Center and from 5 to 7 p.m. in Wohl Student Center through Friday, Feb. 16.

The Feb. 24 volunteering day begins between 8 a.m. and 10 a.m. Volunteers will return to campus between 2 and 4 p.m. Between 12 and 2 p.m., volunteers are needed to work at such sites as a shelter for battered women and their children, an animal protective agency, and a low-income housing project.

For more information, call 935-5994.

**Renowned Shakespearean actress Jane Lapotaire makes a point to a student during a special drama course she taught in the Performing Arts Department in Arts and Sciences. The course, which started at the beginning of this spring semester and ran through Tuesday, Feb. 13, was designed in part to help Washington University students prepare for their production of "Romeo and Juliet," scheduled for April 12-14 and 19-20 in Edison Theatre. Ms. Lapotaire, acclaimed actress of the stage, screen and television, the Tony Award-winning Lapotaire will appear in the upcoming play "Piscator," which is due out next fall. She plays the first wife of Picasso, who is played by Anthony Hopkins.**

**Compiled by Mike Wolf, director, and David Moseouser, assoc. director, sports information.**

Bears gear for second UAA crown in a row

Gearing up for the 24th-ranked team — win their final three games at home, and they will capture their fourth UAA title and make their sixth NCAA postseason tournament appearance since 1987.

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Current record: men 8-2, women 4-3

This week: idle

Indoor track squads produce solid effort

The Bears produced a trio of individual first-place showings, one school-record performance and 12 personal-bests in a fine showing at the Illinois Wesleyan University (Bloomington, Ill.) Indoor Track Classic on Saturday, Feb. 10. Jeremy Jordan, who won the 5,000 meters in 14:57.88, tied the school record of 14:57.88, set at the 1979 NCAA Indoor Championships. Jordan swept the 3,000-meter race with a time of 7:59.98, the third-fastest time in the nation this season.
Bear's Den fire puts planned renovations ahead of schedule

The Bear's Den eatery in Wohl Student Center will be closed for eight to 12 weeks so damage from a recent fire can be repaired. In an effort to get as much food as possible to the closing, food service in the Bear Mart and second-floor Center Court cafeterias has been expanded.

The Feb. 4 fire in the Bear's Den damaged a hood and vent system that was scheduled to be replaced this summer. A new broiler was to be installed this summer — now delayed to install the new hood and vent system. Consequently, the renovations scheduled for this summer will be done now.

"It's not a complicated renovation, but all the equipment has to be custom-made to our specifications," said George Burris, director of Housing and Food Service Operations. "The ordering and making of the parts takes a long time."

Burris met with students on the joint Student Union/Congress of the South Forty food committee to develop alternative food options. The Center Court cafeteria has extended its hours and is open until 1 a.m. or midnight, depending on the night of the week. This schedule is the same as that of the Bear Mart. In addition, the Bear Mart opens at 9 a.m. instead of 7 a.m. and is stocked with "grab-and-go" food items such as muffins, pastries and salads. The Bear Mart also will stock pre-made sandwiches and pastries for weekend hours.

"We made these changes based on student requests and suggestions about what would suit their needs," said Burris. "There will be constant feedback and adjustments, but we are trying to offer as close to as many options as students had before the fire."

The fire, which began in a deep-fryer that had a faulty thermostat, was extinguished by Campus Watch staff members. According to Student Life, a student pulled an alarm when he saw that Marriott Student Center's fire extinguisher was not properly charged, and fire personnel had trouble putting out the fire. There were no injuries.

Exhibit showcases works of high school students

The public is invited to view works created by some of the area's most talented young artists in a special exhibit through Feb. 28 at the Bixby Gallery in Busch Hall.

The exhibit features works of high school students from the 18th annual High School Art Competition, which was sponsored by the School of Art. Forty-two students entered this year's competition, which was open to all high school juniors and seniors within a 100-mile radius of Saint Louis. The competition represents original works in all media.

Students submitted slides of their works in either the individual or the portfolio categories. Juries selected about 250 pieces from about 3,000 entries in the individual category and 13 winners from 100 entries in the portfolio category. The exhibit includes as many as 200 slides in the portfolio category.

"We made these changes based on the positive, creative energy," said Burris. "It's really the best time when so many negative things are happening and there's a need to recognize their positive, creative energy."

The exhibit will be open Monday through Friday from 9 a.m. to 5 p.m. in the directors' office area of the Bixby Gallery. "At a time when so many negative things are said about young people, it's important to recognize their positive, creative energy," Burris said.

For more information, call 935-6597.

Prosecutors seek death penalty in carjacking

U.S. Attorney General Janet Reno gave federal prosecutors in St. Louis the authority to seek the death penalty against Andre Bonds, 20, of Richmond Heights, who is accused of carjacking and kidnapping in the abduction last spring of two Washington University students, Melissa Gall Aptman, 22, of Miami, and a 20-year-old friend.

The 1994 crime bill allows federal prosecutors to ask the Justice Department for approval to seek the death penalty in cases in which a victim is killed. Bonds is scheduled to go on trial May 6 in U.S. District Court. Bonds also has been charged in state court with murder and rape.
Drama students progress to semifinals

During the prestigious Irene Ryan Scholarship Competition, five students from the University of Michigan, Department of Dramatic Arts and Sciences placed in the semifinals for the Midwest region. One of the students advancing to the semifinals is Freshman Antioch D. Miller, who submitted a video of his audition for the competition. Miller has been seen in several productions at the University of Michigan, including "The Caucasian Chalk Circle" and "A Streetcar Named Desire." He will be one of 16 contestants advancing to the regional final round of 16 contestants.

The students advanced through a series of preliminary rounds, including auditions and video submissions, during the competition. They presented their work in a variety of styles, including traditional, contemporary, and experimental. Miller's submission was particularly strong, showcasing his talent and potential for future success. He will now have the opportunity to compete at the national level, where he will face tough competition from other top student performers.

The competition is open to all undergraduate students in the Midwest region, and the winner will be awarded a scholarship to further their education in the performing arts. Congratulations to Antioch D. Miller and all the other students who made it to the semifinals. We wish them all the best in their upcoming performances.
Footprints to be buried again, then re-excavated 100 years from now—from page 5

Laurel Sie G. Scientifically, the southern sector of the trackway is by far the most important portion; it includes about 6.8 meters of the clearest and best-preserved hominid prints. The trees were a major concern for Marshall's crew, which included two of her graduate students, Chester Cain and Frank Alhadeff. The forty-five trees had grown in a 10-by-4.5-meter area, not including four trees that had been there since Leakey's excavation. Marshall, who will return to the site this summer, and her team excavated around the roots to lift system components; able to work with deadlines and deal with public-service encounters; customer service-oriented.

Medical Campus

The footprint study was done in preparation of a project. It has such a high risk of failure, it would end.