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PET helps identify optimal therapy for breast cancer

Approximately one woman in nine in the United States will develop breast cancer in her lifetime. Research has shown that 60 percent of those with the disease respond to hormonal therapy. The problem for doctors is determining which patients will respond and which ones need more aggressive treatment, such as chemotherapy. Discussing between the two groups and prescribing the right care can have a profound impact on the quality of a patient's life. But how should doctors make these decisions?

Researchers at the School of Medicine, in collaboration with researchers at the University of Illinois, used imaging technology called positron emission tomography (PET) to help diagnose breast tumors that are likely to respond to hormone therapy in women with spreading, or metastatic, disease. The study was supported by the National Institutes of Health.

In a recent issue of Clinical Cancer Research, the investigators reported that their method, called FES-PET (fluoro-estradiol-PET), predicted a better response to hormone therapy in patients with advanced breast cancer. All 43 of the women studied had locally advanced or metastatic breast cancer that was tracked through a different PET imaging technique. The combination of the two imaging methods enabled more definitive diagnoses and better care for metastatic disease. It also could yield a more precise road map for the treatment of future breast cancer patients, said Joanne E. Mortimer, M.D., associate professor of medicine and lead author of the study.

"If we're able to predict who will benefit from hormonal therapy, that's an important quality-of-life issue," Mortimer said. "These women can be treated with hormones, not chemotherapy."

Chemotherapy involves highly toxic drugs, that, while killing cancer cells, often wreak havoc on normal cells' activities. Radiation therapy also is needed and may lead to profound swelling in the arms and reproduction of the breast. If breast cancer patients could remain on hormone therapy, they might avoid such ordeals.

Identifying functional receptors
Fluoro-estradiol-PET appears to measure the estrogen dependency of certain breast cancers, Mortimer said. Because 60 percent of breast tumors actually grow in the presence of estrogen, FES-PET uses a radioactive chemical, or tracer, that mimics the hormone. Tumors incorporate FES if they have functional estrogen receptors. Determining whether these receptors are present is key to identifying the hormonal dependency of breast tumors.

The event had the atmosphere of a science fair for grown-ups crossed with an opening night off-Broadway. But blue ribbons and rave reviews were not at stake. Instead, business dreams, capital and careers were riding on the recent premiere of the Olin Hatchery.

An entrepreneurship program of the John M. Olin School of Business, the Hatchery debuted Oct. 30 with a forum and exposition featuring 14 entrepreneurs hawking their new-business ideas to more than 200 business students in Simon Hall. The entrepreneurs — including individuals from Chicago, Indiana, St. Louis and Beverly Hills, Calif. — each aimed to attract a team of students that will work throughout the spring semester to create a business plan for the entrepreneur's idea. The team, three or four students at the junior, senior or master's of business administration level, then will present the plan next spring for critical review by a panel of experienced investors.

Russell D. Roberts, Ph.D., director of the business school's Management Center, introduced each entrepreneur at the forum in May Auditorium. Roberts created the Hatchery name and concept and directs the program through the Management Center.

Birthplace of new businesses

Olin Hatchery, an entrepreneurship program, makes its debut

American writer John Updike to deliver Assembly Series lecture

Distinguished American writer John Updike will give an Assembly Series lecture titled "Eleven Times With John Updike" at 11 a.m. Wednesday, Nov. 20, in Graham Chapel. The lecture is free. Public seating may be limited.

Updike will sign books from 4 to 5 p.m. Tuesday, Nov. 19, in the Campus Bookstore in Mallinckrodt Center. Updike is the author of 17 novels and numerous short stories and poems. His chief recognition comes from his tales of contemporary American life. The "Rabbit" cycle, four novels chronicling the life of character Rabbit Angstrom amid the backdrop of a rapidly changing America, is among his most successful works.

Updike won a Pulitzer Prize in 1982 for "Rabbit at Rest." In 1989, he was awarded the prestigious National Medal of Arts in a White House ceremony. Updike's more recent works include "In the Beauty of the Lilies," "The Afterlife and Other Stories," "Brazil" and "Memories of the Ford Administration, A Novel."


The lecture will be presided over by Wayne Fields, Ph.D., professor of English and director of the American Culture Studies Institute in Arts and Sciences.

For information, call (314) 935-5285.

Each entrepreneur had six minutes to present his or her idea at the forum. Ideas included patented health-care devices and products; a network of auto-body shops; a fire-sale-by-owner real estate service; an on-line market-information service for Latvia, Lithuania and Estonia; CD-ROM production; an Internet security system; expansion of an industrial asset liquidation company; a line of luxury fountain pens; a veterinary care corporation; and a combination eatery/learning center/bookstore. Roberts created a festive atmosphere between presentations by tossing raisins and peanut-butter cups into the crowd.
Women unaware of therapy's heart-protecting effects

A  the first baby boomers turn 50 this year, more than a million women will have to decide whether to take hormone-replacement therapy (HRT) at menopause. A recent survey finds that women's reasons for favoring the therapy do not jibe with those of doctors. Even well-educated women, the study finds, fail to appreciate that the hormones may ward off heart disease, the No. 1 killer of postmenopausal women.

"Doctors seemed to know about the cardiovascular benefits of hormone-replacement therapy, but this information had not filtered down to the patients in our study," said lead author Donna B. Jeffe, Ph.D., research associate in medicine. "I find that surprising, given that our group of patients was very well-educated."

Only 29 percent of the 82 women in Jeffe's study who were using or had used HRT mentioned cardio-protection as a contributing reason. None of nine non-users seemed aware of this benefit.

The findings were published in a recent issue of Menopause. Jeffe collaborated with S. Michael Freeman, M.D., clinical professor of obstetrics and gynecology, and Edwin B. Fisher Jr., Ph.D., professor of psychology in Arts and Sciences, research professor of medicine and director of Washington University's Center for Health Behavior Research, of which Jeffe is a member.

"We professionals sometimes overestimate how much people care about their health," Fisher said. "We need to make sure we inform patients about the risks they face and what they can do about them."

A training grant from the National Heart, Lung and Blood Institute at the National Institutes of Health supported the research.

Epidemiological evidence and data from the Postmenopausal Estrogen/Progestin Interventions Trial suggest that HRT protects women against the heart disease that threatens health and life after menopause. So Jeffe set out to learn whether prevention of heart disease figures into women's reasons for taking HRT.

A Gallup survey, reported in 1994, explored women's reasons for not taking HRT. "But research is lacking on women's own reasons for taking the hormones," Jeffe said.

In 1994, Jeffe surveyed 91 women between the ages of 37 and 60 — the mean age was 51. Only women who had failed to menstruate in the previous 12 months were included. Fifty-three percent had reached natural menopause, 44 percent had had hysterectomies and 5 percent were menopausal after chemotherapy for breast cancer. The majority (90 percent) of the women were current or former users of HRT, in contrast to the national norm for this age group of 62 percent in 1992.

First trimester tests

During the first trimester exam period for second-year students, Samir El-Mofty, Ph.D., associate professor of pathology and of otorhinolaryngology, hands a pathology test to Patrick Yue. Second-year students took exams from Oct. 30 to Nov. 6.

Atkinson, Olney elected to prestigious Institute of Medicine

Two School of Medicine faculty members have been elected to the prestigious Institute of Medicine of the National Academy of Sciences. They are John P. Atkinson, M.D., the Adolphus Busch Professor and chair of the Department of Medicine, and John W. Olney, M.D., professor of psychiatry and of neuropathology.

Atkinson, who also is a professor of molecular microbiology, is renowned for his research into the structure, function and genetics of the complement system, a group of proteins critical to the immune response.

In 1985, Atkinson discovered a complement protein called membrane cofactor protein (MCP), which protects cells from attacks by the body's immune system. MCP is a receptor for the measles virus. His research has sparked efforts to create transgenic animals that express human MCP so organs from those animals might be transplanted into humans without fear of acute rejection.

In his early research, Olney identified glutamate as a neurotransmitter in the brain. Because infant animals were especially sensitive to this neurotoxic action, he undertook a long battle that eventually caused the food industry to end its practice of adding glutamate to baby foods.

Olney came to Washington University as a resident in psychiatry in 1964. He joined the faculty as an instructor in psychiatry and in 1977 became a full professor. Olney is highly respected in the field of neuropathology. He was a recipient of the Waksman Award for Research in Neuroscience in 1992 and the Charles A. Dana Foundation Award for Pioneering Achievement in Health in 1994.

Atkinson and Olney are among 55 new members whose elections were announced by the National Academy of Sciences in October. The Institute of Medicine helps advance health professions and health sciences and promotes research and development pertinent to health.
The Kindbom credo: positive mental attitude

Coach Larry Kindbom discusses strategy with junior quarterback Thor Larsen (No. 8) and senior fullback Chad Jackson (No. 24).

Washington People

Head football coach Larry Kindbom strolls through the Hays Football Suite on the second floor of the Athletic Complex, making his way to something to add to his take on the Washington University Bears.

"Now here's your story," Kindbom says, pointing to an oversized copy of a $10,000 check made out to the University's general scholarship fund. The donor, Burger King Corp., recently honored senior fullback and co-captain Chad Jackson for his academic and athletic excellence. "Our students are unbelievable," Kindbom adds.

The same might be said of the coach himself. Since coming to the University in 1989, Kindbom has taken a flailing football program and carefully built it into a winning one, boosting the Bears into the ranks of top-notch Division III competitors. Along the way, he has elevated players' spirits, infused them with positive philosophy and developed what many in the University community call a "phenomenal" recruiting program.

If there is magic at work here, it is the University's formula, Kindbom insists. "The school speaks for itself. Our students are vibrant, exciting and motivated. They are earning degrees that will last them a lifetime," he said.

On the playing field, many of these students are breaking records with Herculean power, speed and precision. This past season's 9-year-'9 record, the Bears' most successful season since 1948. This year, the Bears have posted four-consecutive road shutouts. Not since 1949 has a WU team produced four shutouts in a season.

Consider the nationally ranked defense, a record-setting quarterback, a litany of other achievements and individual career marks for every type of play from tackles to touchdowns.

With an overall WU record of 49-29, Kindbom has jumped into the history books as the University's all-time winningest coach. So far this decade, WU's .652 winning percentage is among Missouri's best for four-year football programs. In league play, the Bears have captured two-consecutive Union Athletic Association (UAA) crowns.

Kindbom remains cautious in the company of such statistics. "The players probably had their scripts written before the current season started. The obvious thought was that we'd go one step ahead to win them (games) all. We struggled early in the season," Kindbom said of the team's 6-3 overall record (3-1 in the UAA). "But we're still a good football team."

"A great motivator"

For Kindbom, winning takes on a definition much broader than what a scoreboard or a rash of statistics might reveal. The players' superlative work ethic, concentration on academics and positive mental attitude — the latter an integral component of the Kindbom philosophy — are tantamount to success.

"He is a great communicator with the ultimate Division III philosophy," said assistant coach Aaron Keen, a former WU record-setting quarterback and beneficiary — as both a player and colleague — of Kindbom's influence. "He's very knowledgeable on the Xs and Os of the game. A great motivator who knows how to push your buttons. He is well-liked, a ball of energy who gets the entire team to look at themselves, not always in light of the opposition." Kindbom's kinetic personality translates into a self-reliance and confidence. "Larry is a head coach," Kindbom said, "and he knows how to put his team to look at themselves, not always in light of the opposition."

The Bears have been approached for the top man in college football, and Kindbom, from his first day on the job, has stressed among student-athletes: "Our guys are in the top five if they're in the middle of the summer," Kindbom said. "You don't work 365 days a year and consider yourself unsuccessful.

At Kindbom's urging, student-athletes now have been recruited under Coach Kindbom's philosophy. They know his expectations.

Those expectations are defined, in part, by Kindbom's own formative coaching years. After serving for two years as assistant coach at Michigan's Kalamazoo College — a Division III school where he had earned a bachelor's degree in political science and lettered for four years in football and baseball — Kindbom attended Western Michigan University. Then, the Lancaster, Pa., native served as a graduate assistant coach for a season while completing his master's degree in physical education.

His next stop — Ohio State University to begin work on a doctorate — "kindled" him in the office of Woody Hayes, the controversial football taskmaster who could quote the ancient Greeks in one breath and, in the next, criticize the other guy's band.

"I walked into Woody Hayes' office to see if I could help out," recalled Kindbom, who decided against a law career to follow a desire to teach. "No sooner had I finished my story, Woody was on the phone with the dean of the law school, saying, 'I have a young man who wants to go to law school at Ohio State.'

"I told him that this was not why I had come in and left the room. I got down the hallway when he called me back. I was reluctant to talk with him. I didn't know him, and I was naive," continued Kindbom. "I'm sure he liked the fact that I just got up and walked out. I think he sensed that there was a bit more to me than someone trying to get into the program. I had breakfast with him the next morning when he offered me the position."

"I learned a great deal in those two years," Kindbom said. Hayes' surprise punch unleashed on Clemson University middle guard Charlie Bauman at the close of the 1978 Gator Bowl notwithstanding, Kindbom added, "Woody was a tremendous individual who believed you could win with people. He was an educator who ran the program like a small college."

Following a two-year stint as a graduate assistant coach for the Ohio State Buckeyes, Kindbom spent 1979 through 1983 as an assistant coach at the University of Akron in Ohio. Under incoming coach Jim Denison, the team was transitioning from Division II to Division I and was striving in the face of stepped-up competition.

Denison's handling of this changeover greatly impressed Kindbom, who brought into the coach's practice of positive mental attitude.

"The filmmakers in Akron were upset that we weren't winning and that we were bringing in people's trust in my coaching staff to tell us our priorities wouldn't change: 'First you have your families, then you have your teaching responsibilities and the players,' he said.

He had run a very successful program. Now he was in the hot seat yet could still keep it all in perspective."

The Kindbom credo: positive mental attitude

The tables turned slowly for the Akron team, which was two games that year. Ten years later, they took on the playoffs, and Kindbom, eager to embrace a new challenge, snapped up the head coaching position at Kenyon College in Gambier, Ohio.

Six years of coaching the Lords — Kindbom also coached Kenyon's baseball team for two years and the golf team for one — gave Kindbom a solid foundation in Division III ball. That he successfully established and maintained competitive programs, however, never eclipsed his abiding concern for his players' academic pursuits.

The kinetic Kindbom came to Washington University in 1989, insisting that the down-to-earth Bears "treat away" past defeat. "Somehow, he manages to balance the right amount of intensity with the necessary calmness to be a head coach," said junior quarterback Thor Larsen, a business major who holds every significant passing mark at the University.

That composure was essential to the team's 6-3 overall record when the Bears traveled to the University of Rochester in New York. Two hours before kickoff, the Bears discovered that their equipment was missing from the hotel.

While a scramble ensued to locate the gear, Kindbom kept the players loose, positive and enthusiastic. He was among the coaches and maintained a productive, albeit unexpected, schedule.

The equipment was recovered in a little city called Canastota, N.Y., and was returned to the team, which six hours later trounced Rochester 41-0.

Kindbom is known for caring deeply about his players, both on and off the field, and goes to great lengths to ensure their well-being. When Larsen anguished over changing his last name, Kindbom got involved and suggested that the consummate scholar-athlete cut practice to talk with individuals who could advise him.

"An eye on worthy and lofty goals"

Ever-present for every player, Kindbom has energized the University's entire undergraduate recruiting effort, possessing a knack for figuring out nearly any recruitment challenge, said John Berg, associate vice chancellor for undergraduate admissions.

"Larry is inspirational, always upbeat, with an eye on worthy and lofty goals," Berg said. "He is a great teacher and coach who has the ability to connect with every student."

Kindbom is hoping to connect his son Kevin, a high school senior in Gambier, Ohio, with Washington University. The teens worked last summer at the School of Engineering and Applied Science and is considering attending the University. While college is a few years away for son Kyle, a high school freshman in Gambier, "he belongs at Washington University, too," asserted Kindbom.

The coach and his wife, Kate, who recently accepted a position in the University's admissions office, are the parents of a 3-year-old daughter, Kelsey.

In the St. Louis area, Kindbom's name holds sway for the community leadership roles he has embraced. He helped found the area's National Football Foundation/College Hall of Fame chapter in 1992. In 1994, he was named an inductee in the National Football Foundation/College Hall of Fame, and in 1996, he was given the honor that celebrated his contributions to the area's amateur football organizations.

He's an advisor to the campus chapter of the Fellowship of Christian Athletes. And Kindbom has been instrumental in reinstituting and organizing the Metropolitan Football Coaches Association, a local organization that also conducts local summer youth football camps.

"The more you give, the more you get back," Kindbom said of his efforts.

On that premise, the coach is experiencing a skyrocketing rate of return. — Cynthia Georges
Exhibitions

"Joint Faculty Exhibition." Features works by 49 faculty members from the schools of Art and Architecture. Opening reception: 5-7 p.m. Nov. 15. Exhibition runs through Dec. 19. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-4:30 p.m. weekdays, 1-5 p.m. weekends. (See photo on this page and story on page 6.)

type/script: notebook as an examination.
An examination of the writer’s notebook as function and as form. Through Jan. 15. Special Collections, Olin Library, Level 5, Room 219. 8:30 a.m.-5 p.m. weekdays.

Friday, Nov. 15
1:15 p.m. Math colloquium. Faculty Feature Series. "Crumb." (Also Nov. 16, same time, and Nov. 22, 7 p.m.)
Midnight. Filmboard Midnight Series. "Real Genius." (Also Nov. 16, same time, and Nov. 20, 7 p.m.)

Monday, Nov. 18
7 and 9 p.m. Filmboard Classic Series. "Gold Rush." (Also Nov. 19, same time.)

Tuesday, Nov. 19
6 p.m. Chinese Film Series. "The Wilderness (Savage Land)," with English subtitles. St. Louis County Library, 219 South Ridgely Hall. 935-5156.

Friday, Nov. 22
7 and 9:30 p.m. Filmboard Feature Series: "Transporting." (Also Nov. 23, same times.)

Lectures

Thursday, Nov. 14


5:30 p.m. Art history lecture. "The Tyranny of Woman in Late 19th-century France," Patricia Mathews, prof. of art history, Oberlin College. Room 200 Steinberg Hall. 935-5720.

7 p.m. Art lecture. Speaker is Douglas Fraser, an illustrator from Canada. Steinberg Hall Aud. 935-8402.

Friday, Nov. 15


Monday, Nov. 18
1 p.m. Math talk. "The Fundamental Group of Compact Manifolds of Negative Curvature," Holly Bernstein, graduate student in mathematics. Room 199 Cupples I Hall. 935-6726.


8 p.m. Architecture lecture. "Recent Work," Paolo Rizzotto, the Ruth and Norman Moore Visiting Chair, Steinberg Hall Aud. (See story on page 6.)

Tuesday, Nov. 19

Noon. Cell biology and physiology seminar. "Type/Script: Notebooks as an Examination," Elliot R. Wolfson, the Abraham I. and Alice Weiss Manley Professor and research grants, Lincoln (Penn.) U. Room 353 West Campus Administrative Center. 935-5678.

4 p.m. Earth and planetary sciences colloquium. "Isotope Hydrology of the Southern Nevada Groundwater and Implications for Paleoclimatic Interpretations," Lee Davidson, isotope hydrologist, Isotope Sciences Division, Lawrence Livermore National Laboratory, Calif. Room 262 McDonnell Hall. 935-5679.

4 p.m. East Asian studies colloquium. "Political Scandals and Democratization in Korea," Young Hwan Kim, prof. of political science, Iowa State U., Ames. Sponsored by the Joint Center for East Asian Studies. Room 331 Social Sciences and Business Bldg., U. of Missouri-St. Louis, 8001 Natural Bridge Road. 516-5753.


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Friday, Nov. 22
11:35 a.m. Mental health seminar. "Mental Health and Aging: Minority and Rural Issues," Arnold Parks, director, sponsored and research grants, Lincoln (Penn.) U. Room 353 West Campus Administrative Center. 935-5678.

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Friday, Nov. 22
ABA's past president to deliver final fall Assembly lecture

T he American Bar Association's immediate past president, Roberta K. Ramo, will address the annual Tyrell Williams Lecture at 4 p.m. Thursday, Nov. 21, in Graham Chapel. The lecture, titled "American Lawyers: Democracy's Foot Soldiers," is free and open to the public.

This is the last Assembly Series lecture of the fall semester. The series resumes in January.

As past president of the American Bar Association (ABA), Ramo has championed access to justice, organization of attorneys, Ramo sought to improve public understanding of the law and to improve the justice system. She appointed a Commission on Domestic Violence to recommend governmental and judicial reforms to protect victims of abuse and to diminish the intergenerational cycle of violence. Ramo also was dedicated to assisting the ABA in becoming more responsive to the needs of the profession, particularly lawyers in small firms and solo practitioners, and to broadening the ABA's public service to the largest possible audience.

Aside from being the first female president in the ABA's history, Ramo has been named one of the "Best Lawyers® in America" in corporate law. Other honors include delivery of the business law and real estate and health care law. Ramo received the Governor's Distinguished Public Service Award in New Mexico in 1993.

Ramo graduated magna cum laude from St. Lawrence College in 1964 with a bachelor's degree and an earned law degree from the University of Chicago in 1969.

The Tyrell Williams Lectureship was established in 1948 by his family and friends. Williams was a beloved faculty member in the School of Law from 1913 to 1946.

School of Law students will receive one hour of continuing law education credit for attending the lecture.

For more information about the lecture, call (314) 935-5285.

Spalding Gray added to ‘OVATIONS!’ schedule

Palding Gray, the incomparable monologist/poet/philsopher, will appear in December in The Edison Theatre at 8 p.m. Feb. 7 and 8, Sunday, Nov. 17, and Nov. 18, with a new work about fatherhood-after-50 and gaining one's equilibrium through the ages and things never said in Gray's newest monologue, "It's a Slippery Slope," will replace "Le, the general public, $18 for senior citizens and University faculty and staff; and $5 for all other students. Tickets are available at the Edison box office.

For information, call (314) 935-6543.

Football team topples powerhouse Central

Sparked by two-quarter touchdown runs by junior quarterback Thor Larsen, the Washington University football team rallied from a 23-13 deficit to defeat perennial powerhouse Central College (Pella, Iowa) 26-23 in the Bears' final home game Saturday, Nov. 9. Larsen's game-winning 1-yard quarterback sneak, came with 1 minute, 16 seconds to play in the game. Junior wide receiver Vernon Butler became the Bears' single-season leader in touchdowns receptions, pushing his 1996 total to 11 with a pair of first-half TDs. Senior free safety Matt Schipper made 14 tackles and forced two fumbles. Current record: 6-3 (1-0 UAA).

Saturday, Nov. 16.

Current record: 6-3 (12-0 UAA).

This week: 5 p.m. (EST) Friday, Nov. 15 vs. Savannah College of Art and Design (22-4) and 11:30 a.m. Saturday, Nov. 16, South Regional championship match in Atlanta. Atlanta. Wu plays the Savannah (Ga.) College of Art and Design (27-7) on Thursday, Nov. 15, and Trinity University (San Antonio, Texas) (31-5) will meet in an opening round match. The winners play at 7:30 p.m. Saturday, Nov. 16.

Volleyball team opens NCAA tourney play

The volleyball team returns to a familiar city this week to open defense of its national title at the NCAA Division III championships. The top-ranked Bears (33-6, 12-0 UAA) will meet in the other first-round match Saturday, Nov. 15. Host Emory University (30-6) will meet in the other first-round match Saturday, Nov. 15. Host Emory University (30-6) will meet in the other first-round match Saturday, Nov. 15.

A Васиўія raises earnings test to national competition

Senior Asa Flanigan earned his first trip to the NCAA Division III cross country championships by placing 30th on Saturday, Nov. 9, at the Midwest Regional Championship meet at Central College (Pella, Iowa). Flanigan, who now will compete Satur- day, Nov. 16, at the NCAA Division III championships, will meet in the other opening round match. The winners play at 7:30 p.m. Saturday, Nov. 16.

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Lightning designer Paolo Rizzatto to deliver lecture

The exquisitely designed and carefully engineered lamps of Italian architect Paolo Rizzatto will display his recent work of his company, Luceplan, at 8 p.m. Nov. 18, in Steinberg Hall Auditorium.

The American Institute of Architects-sponsored lecture is part of the School of Architecture’s Monday Night Lecture Series. A recipient of the European Community Design Prize, Rizzatto taught a studio in the architecture school in 1992.

His lamps are rigorous, extremely well-defined, crafted and thoughtful,” said Stephen Leet, an associate professor of architecture who met Rizzatto in Milan, Italy, in the mid-1980s. “Rizzatto and his associates spend two to four years developing a lamp design — from the planning concept to selecting the material. They are very quality-conscious.”

The architecture school’s Ruth and Norman Moore Visiting Chair, Rizzatto will discuss the Gallery of Art’s joint exhibition featuring the works of 49 faculty members from the School of Art and Architecture. (See story on this page.) Technical drawings, sketches and photos of Rizzatto’s architecture and industrial designs will be on display in Givens Hall now through Dec. 19.

In the joint faculty exhibition, Rizzatto, known for his technological innovations, high contemporary style and lighting systems, will display the following:

• Lola floor lamp, which is made of lightweight, durable, black carbon fiber tubing and uses a quart halogen light source. This sleek, three-legged lamp includes an adjustable joint for height, and a locking system for various height requirements.
• Lucilla suspended lamp, which is made of cast aluminum base and curved wooden seat design, weighted with cables. The chair is manufactured for women 22 and older who are obsessed with eating or compulsively overeat. The fee is $10 per session and is payable in two installments of $40. The group will be led by Christina leader is Gretchen Brenes, a doctoral student in the arts.
• Circle. Looking down, one can see the "There is a psychology to these Lucilla and Lucille," woman consumed by food: This group is for women 22 and older who binge eat, are obsessed with eating or compulsively overeat. The fee is $10 per session and is payable in two installments of $40 and $30 at the first and fifth sessions. The group will meet from 5:30 to 7 p.m. on seven Tuesdays. The group leader is Gretchen Brenes, a doctoral candidate in psychology. For more information, call (314) 935-6555.

Psychological center offers group therapy

Insomnias and women with eating disorders can get advice and support in weekly group-therapy sessions at Washington University’s Psychological Service Center at West Campus, 7 N. Jackson Ave., St. Louis.

The Psychological Service Center, a service of the Department of Psychology in Arts and Sciences, provides low-cost counseling to the general public on a sliding-fee scale. Group-therapy sessions are led by advanced doctoral candidates in clinical psychology with close supervision from practicing, licensed psychologists. Support groups meet for four to seven weeks, and fees average $10 per session.

The center is seeking participants for these support groups:

• Insomnia: Behavioral group therapy offers a safe, effective, non-drug treatment option for people with sleeping difficulties. This group will meet from 6 to 7:30 p.m. on Tuesdays for seven weeks starting this month. Prior to the initial meeting, a brief consultation will be held to determine if group therapy is appropriate for each individual. The fee for the sessions is $40. The group will be led by Christina Smith, a doctoral candidate in psychology.
• Women consumed by food: This group is for women 22 and older who binge eat, are obsessed with eating or compulsively overeat. The fee is $10 per session and is payable in two installments of $40 and $30 at the first and fifth sessions. The group will meet from 5:30 to 7 p.m. on seven Tuesdays. The group leader is Gretchen Brenes, a doctoral candidate in psychology. For more information, call (314) 935-6555.

Campus Watch

The following incident reports were received by the University Police Department from Nov. 4-10. Readers with information that could assist the investigation of these incidents are urged to call (314) 935-3535. This release is provided as a public service to promote safety awareness on campus.

Nov. 6
• 1:40 p.m. — A staff member reported that $350 in currency was stolen from an unlocked desk drawer in Umbrich Hall between Oct. 31 and Nov. 5.

Nov. 7
• 1:37 p.m. — A staff member reported that two computer work stations, valued at a total of $2,000, were stolen from Cippolli II Hall.
• 8:05 p.m. — A student reported that $18 in currency and a credit card were stolen from an unattended book bag in an Athletic Complex locker room.

Nov. 8
• 1:28 a.m. — A student walking across a parking lot near Millbrook Square apartments saw an individual throw a brick at a parked vehicle, breaking a window. The vehicle was damaged multiple other times with the brick.

Nov. 10
• 8:23 a.m. — University Police received a report of a shattered window at a fraternity house.
• 4 p.m. — A student reported that someone struck and damaged the right rear door of a vehicle parked near the Millbrook Square apartments.

Nov. 9
• 11:22 a.m. — A student reported that a motorcycle he valued at $320, was stolen from a bike rack near Liggett Residence Hall.
• 2:59 p.m. — A student reported that a locked mountain bike, valued at $370, was stolen from a bike rack near Williams Residence Hall.

Nov. 11
• 3:45 a.m. — University Police re- sponded to a minor, non-injury traffic accident at Big Bend and Wydown boulevards.
• 7:03 p.m. — A student reported that four bottles were stolen from a suite in the Millbrook Square apartments.
• 7:10 p.m. — A student reported that four bottles were stolen from a suite in the Millbrook Square apartments.

Nov. 10
• 2:57 a.m. — A student reported that a window was broken at 7:03 p.m. at 3450 Forsyth Street. The Myers Residence Hall was shattered.

University Police also responded to two reports of vandalism to vehicles — one in the South 40 and the other on a parking lot near the tennis courts.
Of note

F. Sessions Cole, M.D., professor of pediatrics and cell biology, recently received an $833,368 three-year grant from the National Heart, Lung and Blood Institute for a project titled "Pulmonary Starfish Protein Deficiency in Infancy...".

Lee Weeks, vice chancellor for finance and administration, won the competitive $557,169 three-year grant from the National Heart, Lung and Blood Institute for a project titled "The Use of Furans in Intramolecular Anodic Coupling Reactions...".

Florida M. Bosley named director of Student Educational Service

Florida M. Bosley, Ph.D., has been appointed director of the Student Educational Service (SES), according to J. Carroll Kitto, dean of student affairs. The appointment was effective Oct. 14 at the High Museum of Art in Atlanta. 

The SES, which is located in Room 219 University Hall, provides a host of resources and services to students. Services include academic referral, testing and advising, and group workshops on reading skills, test-taking and note-taking.

Bosley is a past president of the Executive Committee of the Association for Multicultural Counseling and Development. She is also a past president of the Missouri Association for Multicultural Counseling and Development and a past executive board member of the Missouri Counseling Association.
The Hatchery is exactly the kind of experiential learning we want to offer our students....

— Stuart I. Greenbaum, Business School Dean, Washington University

Olin Hatchery gives students a degree of real-world experience

Afterward, at the exposition in two stylish lounges, each entrepreneur displayed or his idea she is readers' tabled to table, meeting and talking with the entrepreneurs to be a better acquainted with them and their ideas. Journalists, including one working for National Public Radio's "Morning Edition," also sampled the action.

"This was a great way for students to learn about what makes entrepreneurs tick and how much they care about their dreams," Roberts said.

It was also a chance for students to find out what their leadership and members deciding what skills they would like to have and what they would like to work on outside of entrepreneurship's idea of their own.

As the Hatchery, a three-credit elective in entrepreneurship to be offered, the program to be regularly with all the teams. Each team working with an entrepreneur will make a presentation to the business plan, and each team will be assigned a mentor to help guide them along the way.

To further help students prepare their business plans, the Hatchery will offer a series of workshops taught by professors and faculty members.

On their applications, which are due

— Nancy Bell

from page 1

the program can go forward on that basis, and crucial feedback from individual

investors. Entrepreneurs get a polished business plan developed through the program with experience with students who could be future employees.

Investors participate in the educational process: get to know about promising companies and ask questions of a point of contact should they feel there is an investment opportunity worth exploring.

Roberts, an economist, award-

winning entrepreneur and co-founder of the Hatchery as a signature program for the school's Entrepreneurship and Innovation Center programs — with one objective in mind: to create an educa-

tional and practical experience for entrepreneurs to get to know about promising companies and ask questions of a point of contact should they feel there is an investment opportunity worth exploring.