
Flab Fighters

New MU center takes aim at couch potatoes.

Page 2
Focus on Staff

Thirteen MU staff members are candidates for the Staff Advisory Council.

Page 4
July 22, 2004

University of Missouri-Columbia

This is the final issue of the summer for Mizzou Weekly. See you again Aug. 26.

Building bridges

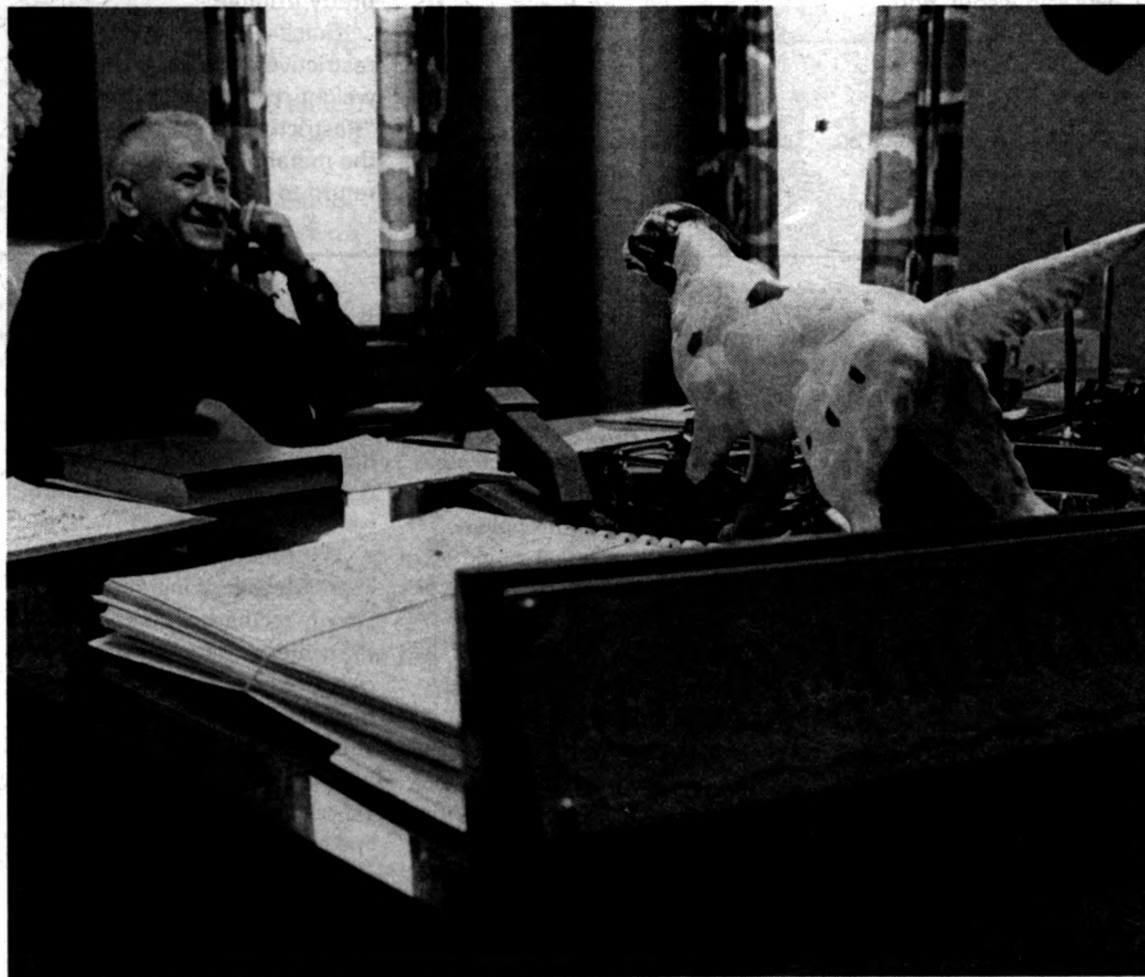
MAN OF VISION

Commemorative display showcases the late UM president's national leadership role

Brice Ratchford used to say, "people are the University," and the former UM System president, professor and director of Extension was one of the people who personified the University to many Missourians.

Ratchford, who died in 1997, was a leader in the national movement that began in the 1950s and advocated university extension services as a way to funnel the new knowledge created at the nation's land-grant campuses to citizens who could benefit from it the most.

Members of the University community gathered late last month for a quiet celebration of Ratchford's legacy and his contributions to the University and to Extension. The event



marked the formal opening of a commemorative display on the second-floor stairway in Whitten Hall that honors Ratchford and

his many accomplishments. The display features photos and other memorabilia.

Speakers at the June 29 event

had all worked closely with Ratchford during different phases of his career. He arrived at MU in 1959 as director of the

FOR THE PEOPLE Frequent hunting trips around Missouri were an opportunity for former UM President C. Brice Ratchford to forge closer ties between the University and citizens of the state. Ratchford, who died in 1997, had a statuette of his favorite bird dog, an English setter named "Old Joe," on the desk of his Columbia office. University Extension photo

Missouri Cooperative Extension Service, and later was dean of extension and vice president of extension before serving as UM System president from 1971 to 1976.

Ratchford was present for the creation of the four-campus University of Missouri System. Observers credit him with building the statewide University of Missouri Extension program that exists today and with making Missouri a national model for its outreach programs.

Chancellor Richard Wallace remembered Ratchford for the quiet advice he offered when Wallace was UM vice president for academic affairs. "Brice Ratchford was not afraid to ask difficult, demanding questions or to explore new issues. He helped

SEE Ratchford on Page 7

Campus landscaping uses environmentally sound approach

GREEN ACRES

Landscape Services minimizes use of chemicals on MU's 240 acres of campus lawns

For harried homeowners, keeping up with their own grassy patches of suburban lawn can seem like a never-ending chore. Even when all the mowing is done, there's always mulching, watering, weeding and fertilizing to do.

So consider the challenges that MU's grounds crew faces each summer. Landscape Services maintains 296 acres on the Mizzou campus. If you subtract all the sidewalks, flower beds, gardens and trees, that still leaves more than 240 acres of lawns,

says Dick Munson, director of Landscape Services and the MU Botanic Garden.

His crew obviously knows its business. Visitors often comment on how lovely the campus is, and several years ago a national landscaping association awarded Mizzou a gold medal for its campus beautification efforts.

But all that beauty takes plenty of hard work, and the grounds crew doesn't take any shortcuts. In recent years, Landscape Services has put more and more emphasis on tending Mizzou's green acres in the most environmentally responsible way possible.

They're applying less of the lawn chemicals, such as fertilizers, herbicides and pesticides, that can cause

environmental damage if they're overused.

"It's an issue of fiscal responsibility — herbicides and pesticides can be very expensive — but it's also an issue of land stewardship," Munson says. "The MU campus is a public environment, and we always try to take the least toxic approach. We're consciously trying to minimize the chemicals we use."

One way they do that is by spotting insect and weed problems before they get out of control. Landscape Services has an extensive scouting program, and members of the grounds crew are constantly on the lookout for insect pests.

In late spring or early summer, for instance, when bagworm larvae emerge from

their silky bags attached to tree branches, they're especially vulnerable. That's when the grounds crew uses a special variety of a bacterium that only harms certain kinds of leaf-chewing insects and doesn't damage the environment. "It kills most of them before they cause any damage and using the least toxic approach," Munson says.

Just last week, he and his crew spotted the first-ever incursion of Japanese beetles on campus rose bushes. This insect scourge has been moving slowly west from the East Coast for nearly a century.

Landscape Services is looking at different options to control the beetles. One possibility might be to introduce another type of bacterial disease when the beetles

are overwintering in the ground.

That cautious approach might not zap every last beetle, but it will keep them at a level the campus can live with. "You always want to have some weeds, some insects and some plant diseases to know that you're not overapplying chemicals," Munson says.

The grounds crew also limits the amount of mowing that they do. Most of MU's lawns are a blend of turf-type tall fescue cultivars along with what Munson calls "rogue patches of Bermuda grass."

Landscape Services has divided the lawn areas in to three maintenance zones, based on a number of factors such as their location on campus, their use,

SEE Grounds on Page 3

One Read

This year for the first time, new MU freshmen, as well as Mizzou faculty and staff, are taking part in Columbia community's "One Read" program. The book selection, *Nickel and Dimed: On (Not) Getting By in America* by Barbara Ehrenreich, explores the intersection of gender, race and class. The University is asking for faculty and staff volunteers to lead student discussion groups from 4:30 to 6 p.m., Aug. 19, at various campus locations.

David Rielley, coordinator of new student programs, anticipates that there will be

nearly 150 discussion groups of between 20 and 25 students. His office will provide copies of the book for discussion leaders. "There will be sessions for group leaders earlier that week to let them sit down and discuss the book with colleagues and get some different perspectives on it," Rielley says. To volunteer, or for more information, call 882-3621 or e-mail RielleyD@missouri.edu.

Lean and mean

People trying to shed excess weight on high-protein, low-carbohydrate diets could be losing more than pounds. On high-protein diets, people consume too few carbohydrates, which can make them tired and irritable, says Susan Mills-Gray, a University Extension nutrition specialist in Harrisonville, Mo.

"When people lose weight on high-protein diets, a lot of the weight loss comes from muscle loss rather than fat loss," she says. "If you lose muscle mass, you will feel fatigued." Carbohydrates provide energy for the muscle

system. "When there are not enough carbohydrates, the body will revert to breaking down protein for its energy source," Mills-Gray says.

Adequate carbohydrates also are necessary for the body to produce serotonin, a neurotransmitter that controls mood. "Carbohydrates allow that process to take place," she said. "Without adequate carbohydrates, people get pretty irritable."

Quick weight loss from restrictive diets leads to rapid weight regain, Mills-Gray says. "Restricting foods slows down the metabolism. When you return to a normal diet, your

metabolism is still going slow. It takes a long time to rev up your metabolism."

For lasting weight loss, "you've got to use more calories than you take in, choose foods with high nutritive value and increase your activity," Mills-Gray says. "People should eat a variety of foods in moderation."

New MU center targets couch potatoes

FLAB FIGHTERS

Scientists take multidisciplinary approach to link health and exercise

Diabetes, cardiovascular disease and high blood pressure are just some of the problems that overweight people may encounter. While researchers across the globe are working to solve these problems,

Mizzou has created the new MU Health Activity Center under the leadership of one MU professor. The center is the focal point of an effort to bring a cross-disciplinary approach to

investigating the sedentary lifestyle, which is believed to be the cause of many of these problems.

"Sedentary lifestyle leads to chronic illness and no one is looking at it through a cross-disciplinary approach," says Frank Booth, professor of biomedical sciences and founder of the Health Activity Center. "We need to look at this problem from a variety of angles. MU, with its blend of veterinary medicine, medicine, nursing, health professions, and arts and sciences on the same campus, is in a great position to lead this

charge."

According to Booth, scientists in many disciplines, such as archeology and anthropology, have information that would benefit this field. For example, by knowing how genes were selected 10,000 years ago and how that selection influenced metabolism, scientists might learn how the body stores fat and how it uses the excess weight.


"We used to eat more than we do now, but we're still overweight," Booth says. "Lots of people talk about glycemic indices when discussing diets, but they have forgotten the other

half of the equation — exercise. When you put gas into a car and you don't use the car, the gas just sits there. We can talk about dieting all we want, but if we continue to sit on the couch, we won't see any benefits."

With a strong basic science approach to fighting obesity already established, Booth wants the center to develop a human component and translate the findings discovered through animal models for humans. Data gained from animal and human experiments shows that exercise and an active lifestyle benefit people not only physically, but also on a cognitive level as well. The Health Activity Center will translate these benefits for

humans and publicize the results to the general population, Booth says.


"Inactivity does more for the body than just make you fat," Booth says. "It slows you down mentally and may bring on the onset of other diseases that we didn't think were related to obesity. Our new center is going to take an interdisciplinary approach, find the connections and the solutions to these problems and spread the word. The amount of money that could be saved in health care costs alone is staggering."




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All Faculty and Staff permits for Y05 will be mailed beginning August 18, 2004. Permits are valid upon receipt. If your campus address will change prior to August 10, 2004, please email umcparking@missouri.edu with the updated information.

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MizzouWeekly

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Farmers' market

FOOD CIRCLES
Project focuses on community-based food supply system

Family farmers in Missouri will soon have help getting their products from the fields to the restaurants, supermarkets and ultimately to consumers, thanks to a four-year \$650,000 grant from the W.K. Kellogg Foundation.

"It's largely about mainstreaming good food so that it's available to the people who want to buy it," says Mary Hendrickson, University of Missouri rural sociologist and co-director of the MU Extension Food Circles Networking Project. "The goal is to nurture and expand community food systems in Kansas City, St. Louis and Mid-Missouri."

Specialists in Kansas City and St. Louis will offer farmers technical assistance in "marketing, processing, distribution and production," Hendrickson says. "It's not just about how the food is produced or how it gets bought. It's about the connection between the two."

MU Extension's partner in the project is the Missouri Rural Crisis Center. Rhonda Perry, center project director, points out that "Missouri has the second largest number of farms in the country, mostly diversified farms" that are suited to moving from large commodity production into local food production.

"We have a lot of local food being produced in Missouri, but we've tended to be uncoordinated about it," Perry

says. "We have a lot of independent entrepreneurs, but what's been missing is a coordinated infrastructure. We hope to build a cooperative storage and distribution effort while at the same time creating a stable demand."

"The quality is there," she says. "The difficulty is in distribution - getting a relationship with the guy in the meat department of a supermarket. You need the right storage, the right kind of truck and a reliable service component. Farmers need to make sure they can service the accounts."

Perry agrees. "We need to work with existing producers, retailers, consumers to figure out creative ways to streamline these local food systems," she says. "A lot of restaurants are dependent on one delivery a day from a food system. Maybe they'll take 10 deliveries a day from 10 distributors - but maybe they won't."

Perry says another aim of the project is "to make local food accessible and affordable to people of all income levels, so we're not just catering to a little niche market. We need to go direct to consumers not just in high-income areas but in low-income areas, because niche markets aren't necessarily sustainable."

One advantage of community food systems, Hendrickson says, is that retailers talk directly with producers. "They can make suggestions and ask questions like, 'Can you pick this just a day later, or can we get this in a slightly different size?' That doesn't happen in the

standardized systems where most people get their foods."

A community-based food system, she says, "ensures that your food is grown, processed, sold and eaten in a particular place. Your food dollar stays in

the community, and there are also social and environmental benefits because the production tends to be on a smaller scale."

The project also will work to change public policy to benefit farmers and consumers,

Hendrickson says. For example, school cafeterias should be encouraged to buy locally grown, fresh foods, and local producers could be given preference by state and local government entities.

You are Invited
to attend a retirement reception
in honor of
Ron Monroe,
Manager — Faculty & Staff Benefits Department,
on August 13th, 4:00 to 5:30 p.m.
to be held in the Great Room at Reynolds Alumni Center.

GROUNDS from Page 1
visibility and nearness to historic buildings. Areas in the core campus are mowed more frequently and receive more TLC than those on the periphery.

That frees up staff members for higher priority assignments and reduces the amount of fossil fuels the University burns to power mowing machines. Another way the campus saves resources is by welcoming the contributions of volunteers.

Many of those volunteers are members of Friends of the MU Botanic Garden, and they perform chores that range from picking bagworm bags off tree branches to "deadheading" flowers in the butterfly garden on the south side of Eckles Hall. One volunteer regularly picks up the cans, plastic bottles and other litter that is flushed from storm

drains into the Peace Park creek after heavy rains.

Faculty and staff also provide important volunteer help to Landscape Services. Munson says that he and his staff often consult with experts in the departments of entomology, horticulture and plant pathology to discuss landscape options or problems.

That faculty input reinforces MU's dedication to keeping the campus beautiful in ways that are environmentally sound. "It's a new way of thinking," Munson says. Our faculty experts are promoting this approach around the state, and we on the MU campus should provide a good example. It's the right thing to do."

Anyone who would like to volunteer to keep the MU campus green can call Landscape Services at 882-4240 for more information.

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Staff elections near


Thirteen MU staff members are in the running for election to the Staff Advisory Council. Winners, who begin a three-year term in September, will represent the interest of their colleagues in each of the employee categories: administrative/professional, crafts/maintenance, secretarial/clerical and technical/paraprofessional.

Your vote is important. It will determine who represents you. Ballots, which must be returned to the council's office by Aug. 4, have been mailed to all full-time staff members.

Staff Advisory Council is a 16-member group that serves as a liaison between campuswide staff members and the administration. The council coordinates the annual staff Recognition Week and administers programs that enhance the professional and personal life of staff members at Mizzou such as the Staff Development Awards program and the council's Education Award Program Endowment.

Here is some information on each candidate and, in their own words, comments on why they want to serve on MU's Staff Advisory Council.

Vote only for the candidates in your peer group.




Staff Advisory Council

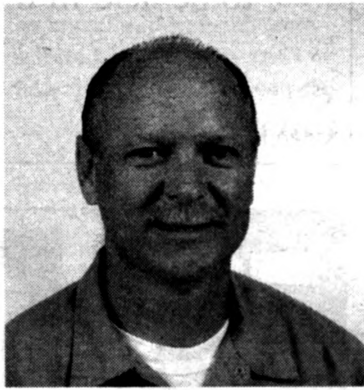
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Rebecca Bergfield



Sally Comparato



Bill Doiron



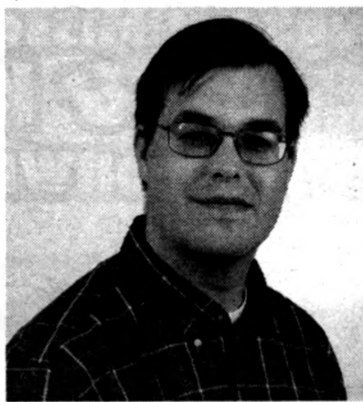
Chad Heckman



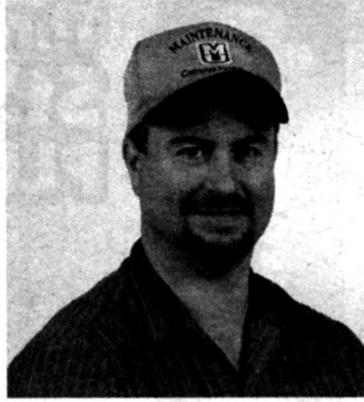
Mark Hoerstkamp



Elaine Juergens



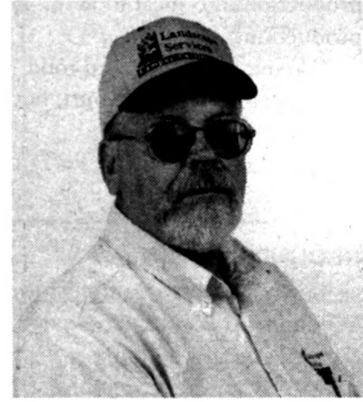
John Kupsky



Scotty Payne



Judy Price



Ken Redding

Administrative/Professional

Rebecca Bergfield
Training and Development Coordinator
Environmental Health and Safety

As a trainer, I have had the pleasure of meeting many of the people who make up the MU staff. With each class I teach I am reminded of how great it is to work in such a diverse community. I would like to join the Staff Advisory Council to be a part of a group whose goal is to make the work experience better for all staff members. The University offers a lot of great opportunities for personal and professional development. Such

opportunities have been beneficial to me and I would like to work so other staff members may also take advantage of these benefits.

Sally Comparato
Administrative Associate II
KBIA/University Concert Series

It is important for staff to have a voice represented on campus. I would try to get input from other staff members about issues important to them and be an advocate for staff members.

David Roloff
Director of Membership and Marketing
Alumni Relations

I want to be an MU Staff Advisory Council member to give back to the campus community the support I have received during my professional career at MU and to work in representing my peers and move to make MU an even better place to work.

Crafts/Maintenance

Bill Doiron
Custodian/Summer Trades Helper
Residential Life

It will be a privilege to be part of all that is done by the Staff Advisory Council. I look forward to the good work and many accomplishments to come. My heart is into this. So, just vote me in everybody.

Chad Heckman
High Voltage Electrician
Energy Management

I am a team player and enjoy being involved with my surroundings. I do not know a lot about the Staff Advisory

Council at this time, but am looking forward to the experience.

Scotty Payne
Mechanical Trades Specialist/Controls
Maintenance

I think it would be an honor to be able to serve on the MU Staff Advisory Council. I would be good at listening to the concerns from the people I work around and bring those concerns to the council. It would be great to work on the Staff Advisory Council on things such as retirement and benefits, and to help MU to be an enjoyable and great place to work.



Jennifer Redel

Jennifer "Jenna" Redel
Crime Prevention Officer
MU Police Department

I believe it is important to work together to make the University a great place to work. I'm committed to learning more about all of the varied aspects of staff involvement at MU and how we can improve our working environment.

Secretarial/Clerical

Elaine Juergens
Information Processor III
Medical Records

I want to be a Staff Advisory Council member because I



David Roloff

believe I can bring a new and unique perspective to the meetings. I enjoy working with and listening to people.

Judy Price
Office Support Staff IV
Plant Sciences Unit - Entomology

I would like to work toward improving working conditions and be in on the planning of fun events to boost the morale of the staff. I feel that I can make a difference by contributing my ideas as well as co-workers' thoughts on how to make our university a better place to work.



Judy Tayloe

Judy Tayloe
Executive Staff Assistant
Office of Technology and Special Projects

I have been with the University of Missouri for 10 years and believe that each and every person deserves representation with regard to their concerns about their work environment. I would like to build on the significant progress made by the council. I take commitments and tasks very seriously. I make an effort to listen and learn from the people around me and would like the opportunity to serve in this advisory capacity.

Technical/Paraprofessional

John Andrew "Drew" Kupsky
Engineering Records Coordinator
Space Planning

I feel that I would do a good job on the council. I work with many people from across the campus, and I try to help them all as quickly and effectively as possible. If I were on the council I would do the same for all staff members, and I would do my best to make sure that everyone was represented as a part of the University.


Mark Hoerstkamp
Architectural Assistant II
Design and Construction Services

I want to help foster a spirit of unity and cooperation among all employees of the University of Missouri-Columbia, to consider methods and means by which employment conditions may be improved and to provide a means of communicating problems of mutual concern between employees and the University administration.

Ken Redding
Landscape Gardener
Landscape Services

I want to be a Staff Council member to provide representation for the staff community and to strive to issue a voice in matters that concern staff. I would like to help the council create positive communication among employees and the University administration with a respectful atmosphere and with opportunities for professional and personal growth for all.


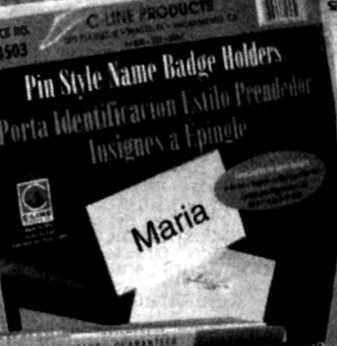

Return your ballot by Aug. 4 to the council's office at 45 Jesse Hall.



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Online Department Directory editors

TIME IS RUNNING OUT

The deadline is **July 30**

for updating your office and department information in the **Online Department Directory**

- ✓ Information for the 2004-05 Student, Faculty, Staff Directory will be pulled in August from the ODD application.
- ✓ All editors should have their updates made by July 30, 2004. Access to the application is found at <https://app1.missouri.edu/webapps/odd/index.cgi>
- ✓ With questions or for more information about the online department directory, go to <http://www.missouri.edu/~pac/odd/index.htm>, the site designed specifically for ODD editors, or call the telephone directory coordinator at 882-5915.



calendar



Concerts & Plays

Saturday, July 24

SUMMER REPERTORY THEATER: *Into the Woods*, a fractured musical by Stephen Sondheim, directed by James Miller, will be presented in Rhynsburger Theatre at 8 p.m. tonight and at 2 p.m. July 25. For ticket information, call 882-PLAY.

Friday, July 23

SUMMER REPERTORY THEATER: *Moon Over Buffalo*, directed by Clyde Ruffin, will be presented in Rhynsburger Theatre at 8 p.m. tonight. For ticket information, call 882-PLAY.

Courses & Workshops

Wednesday, August 11

HUMAN RESOURCES CLASS: Ilene Greenwell with Human Resource Services and Richard Porter, coordinator of International Students and

Scholars Services, will present "The Ins and Outs of I-9s and Immigration Matters" from 9 a.m.-noon in 146 Heinkel Building. Registration is required; call 882-7760 or visit <http://web.Missouri.edu/%7Ehrswww/hrd/hrdseminars.html>.

Conferences

Monday, August 9

COMMUNITY LEARNING CONFERENCE: The two-day conference "Creating a Community of Learning" will be held from 9 a.m.-4 p.m. today and tomorrow at Stoney Creek Inn in Columbia. The conference will focus on how communities can engage parents in their children's academic success. For cost and registration information, call ParentLink at (800) 552-8522 or e-mail parentlink@missouri.edu

Exhibits

BINGHAM GALLERY: "The Annual Art Faculty Exhibition" will be on display through Sept. 3. An opening reception will be held from 4-6 p.m. May 13 in the gallery. The gallery, located in the Fine Arts Building, is open Mon-Fri 8 a.m.-5 p.m.

MUSEUM OF ART AND ACHAEOLOGY:

- "Art about Art" will be on display through 2004.
- "Selections of Ancient Glass" will be on display through 2004.

The museum, located in Pickard Hall, is open from 10 a.m.-4 p.m. Wednesday-Saturday.

STATE HISTORICAL SOCIETY:

- "To Be a Witness: The Photography of Edward Sheriff Curtis," an exhibit of more than 60 photogravures and explanatory captions from his portfolio of North American Indian photographs, is on display in the main gallery through August. The tribes depicted in this exhibit lived on or near the route of the 1804 Lewis and Clark expedition. The main gallery is open from 8:30 a.m.-4 p.m. Monday to Friday.
- "Fresh Air: The Watercolors of Carl Gentry," which includes 56 watercolors by the former

MU art professor, is on display through Sept. 24 in the north-south corridor. The corridor gallery is open from 8 a.m.-4:30 p.m. Monday to Friday and 9 a.m.-4:30 p.m. Saturday.

Meetings

Thursday, July 29

FACULTY COUNCIL: Faculty Council will meet at 3:30 p.m. in S203 Memorial Union.

Thursday, August 12

STAFF ADVISORY COUNCIL: Staff Council will meet at 1:15 p.m. in S204 Memorial Union.

Special Events

Thursday, July 29

UNDERGRADUATE RESEARCH CONFERENCE: More than 100 undergraduate students engaged in research projects this summer at MU will present their research in a poster session from 1:30-3:30 p.m. in the Great Room of the Reynolds Alumni Center. With questions about the program, call the Office of Undergraduate Research at 882-5979.

Life after breast cancer

QUALITY OF LIFE

Research will study how cancer affects patients' lives

New information from the nation's top cancer organizations says Americans' risk of getting cancer is dropping and, if they do get the disease, their chances of survival continue to improve. Now, MU researchers funded by the National Institutes of Health hope to determine how to improve the quality of life for those cancer survivors.

Stephanie Reid-Arndt, assistant professor of health psychology, will study breast cancer survivors to determine how they fare in the workforce, in their families and in the community. Researchers also will assess the effect chemotherapy might have on cognitive abilities as well as the impact environmental factors have on quality of life. Rural residents, who might not have as many treatment options available as urban dwellers, also will be studied to determine how cancer has affected their lives.

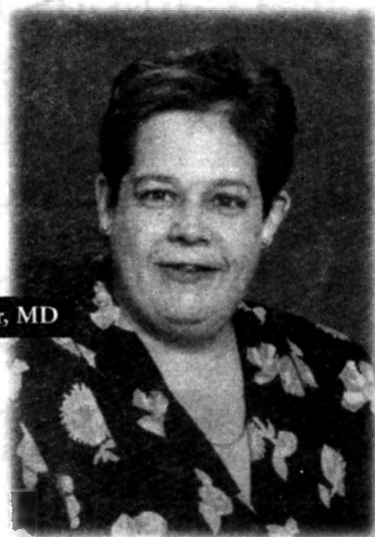
Reid-Arndt says getting a prognosis is one thing, but patients are living longer and need to know what their life is going to be like after breast cancer.

"They may have greater expectations of what their life should be like and some subtle differences, perhaps caused by treatment, may be a concern for them," Reid-Arndt says. "Health care providers need a more holistic view of breast cancer survivors, and part of that is looking at how their overall quality of life and their ability to function effectively at home and at work are impacted by cancer."

Reid-Arndt says changes in cognitive function will be an important part of the study. "We have heard reports of what patients call 'chemo brain,' where cognitive function is not up to previous levels," Reid-Arndt says. "We're going to look at cognitive function before and what the effect of treatment might be. Having an understanding of what they might experience can be helpful to patients as well."

Reid-Arndt says the study will run through August 2005 and will study patients one, six and 12 months after being treated for cancer.

University Physicians Medical Building



Caroline Kerber, MD

University Physicians welcomes Caroline A. Kerber, MD

General internal medicine physician to serve you

University Physicians is pleased to announce that Caroline Kerber, MD, has joined the staff of the general internal medicine clinic in University Physicians Medical Building. Dr. Kerber offers medical care for adults.

Dr. Kerber received her medical degree from Texas A&M University in College Station and completed her residency at University of Missouri Health Care. She was in private practice for five years in Springfield and has been a hospitalist at University Hospital. She is board certified in internal medicine.

Her clinical interests include women's health care, geriatrics, perioperative medicine, pre-operative risk assessment and medical education. Dr. Kerber joins David Fleming, MD, in providing comprehensive care at this clinic.

Convenient location

The Internal Medicine Clinic is conveniently located in the University Physicians Medical Building at 1101 Hospital Drive in Columbia.

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New patients are welcome. To make an appointment with Dr. Kerber or Dr. Fleming, please call (573) 884-2356.

For more information about University Physicians, mid-Missouri's largest multi-specialty medical group, please visit our web site at www.findadoc.muhealth.org or call (573) 884-2401.



University of Missouri Health Care
www.muhealth.org

RATCHFORD from Page 1

shape the UM System and the Columbia campus in ways that are still evident today," Wallace said.

"He saw the mission of the University and Extension as serving the whole state, and he viewed Extension at the University as the responsibility of every department, every discipline, every faculty member and every staff member. He wanted the entire University to serve the entire state."

Provost Brady Deaton agreed that Ratchford's lasting legacy was his insistence that land-grant universities reach out beyond their campuses to bring citizens the knowledge they need to improve their lives. "Extension has shaped itself like that — a true commitment to reaching the entire population of the state, no matter where they are, what their income level is or what their occupation may be," Deaton said.

He recalled working closely with Ratchford as faculty colleagues in agricultural economics after Deaton was hired as department chair in

1989. "When I first began hearing about the University of Missouri early in my career, it was with the brand name of Brice Ratchford associated with it," Deaton said. "And when colleagues of mine said the University of Missouri is one of the great universities of this nation, they referred to Brice Ratchford — his vision, his leadership and what he had done to transform this institution."

Paul Miller, president emeritus of West Virginia University and Ratchford's longtime Extension colleague, remembered the human side of the man he described as one of the pioneers of modern Extension. "He once said to me, 'Tell me what the interests and the needs of the people are, and it's easy to make out the mission of the University,'" Miller said.

Ron Turner, UM executive vice president, said the commemorative display in Whitten Hall "will remind those who follow that Brice was a leader who truly made a difference in this state and nation and world."

Turner also praised his leadership in international education. In the mid-1980, Ratchford helped forge a collaboration between the University of Missouri and the University of the Western Cape in South Africa. Ratchford called a rector at the predominantly black institution and proposed an exchange program.

"That university was struggling at the time to survive under the apartheid regime in

South Africa," Turner said.

"That call opened the door to countless opportunities for University of Missouri faculty, staff and students. As we stand here today, there are 50 University of Missouri students in Africa this summer on study abroad programs, and that itself stands as a tribute to Brice's vision and leadership."

Part of that leadership included Ratchford's ability to

remind faculty and staff of the vital importance of the University's land-grant mission. Chancellor Wallace quoted from comments Ratchford made when he retired:

"We at times let our frustration with the shortage of funds and the fact that we know we can be better lead us to underestimate our university. We are a very good university, and at times and in places, even great."

Turning trash into treasure

RAGS TO RICHES

Recycling gives textiles a second life and saves landfill space

Consumers don't understand that there's a place for their old clothing even if something is missing a button or torn," says Jana Hawley, associate professor of textile and apparel management. "Ninety-nine percent of used textiles are recyclable."

About 4.5 percent of waste sent to municipal landfills — 4 million tons according to the U.S. Environmental Protection Agency — is textiles. Hawley recommends that consumers recycle everything. "The best place to start (giving) is with your favorite charitable organization," she says.

Items charities can't use go to "rag sorters," companies that specialize in recycling textiles, says Hawley, who recently completed a five-year study of markets for recycled textiles.

Through her research, Hawley found that textile recyclers sell about half of the clothing overseas in developing countries and Asia. Unusable garments, particularly cotton t-shirts, are turned into wiping and polishing clothes that are

used by a variety of industries and also are sold to consumers, she says.

Other textiles are shredded into fibers used to make new products, such as sound-deadening materials for the automotive industry, archival-quality paper, blankets and even plastic fencing, Hawley says.

Lee Fox, an extension environmental quality specialist, says the increasing consumer appeal for products made with recycled content is creating greater market potential.

Raw materials created from recycled content generally cost less, making their use attractive to manufacturers, said Fox, who works with recyclers and manufacturers to develop products made from recycled content. "In many, many instances, you can easily substitute recycled materials," he says.

Hawley says developing more markets for reclaimed fibers will make textile recycling more desirable, reducing the waste going to landfills. For municipalities, she says, textile recycling has an additional benefit. "In Denton, Texas, they learned that recycling textiles made almost enough money to cover the other recycling costs."

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To learn more, stop by our next Information Session at 6 p.m. Tuesday, Aug. 3, at the Heinkel Building



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* Based on regular undergraduate educational fee of \$209.20 per credit hour. Eligible MU staff members pay \$52.30 per credit hour (after 75% educational assistance) for up to six hours per semester. Eligible staff's spouses and dependents pay 50% of the regular undergraduate educational fee. Note: MU educational assistance programs do not cover the recreational facility fee and other potential related enrollment or supplemental course fees. See web site for more information.

**Announce your 2004 events in
MizzouWeekly's
Semester Calendar.**

- ◆ The fall semester calendar will be published Sept. 9, 2004.
- ◆ Send your entries to MW Calendar, 407 Reynolds Alumni Center, by noon, Aug. 26, 2004.
Include event date, title, time, location, cost and sponsor, as well as your name and campus address and telephone number.
- ◆ Items may be submitted through the **MU Online Events Calendar** at www.missouri.edu/calendar.



classifieds

FOR SALE:

Snoopy (and Peanuts Gang) Collectibles in R.K.'s Pet Emporium at 5400B East St. Charles Road (one block south at the I-70 exit 131, Lake of the Woods). Call Bob at 445-5530 for more information.

FOR RENT:

LAKEVIEW! Large 2 BDR 2 BATH house, Millersburg/Little Dixie Lake (between William Woods and MU). Complete remodel in process. New kitchen, HVAC, sheetrock, carpet, tile. Sunroom faces lake. Available August 15. \$850. 808-6020 or (573) 642-2402.

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Position Announcements



Provost's Office

INTERIM ASSOCIATE PROVOST UNIVERSITY OF MISSOURI-COLUMBIA

The incoming Interim Provost is seeking a current MU scholar for the position of Interim Associate Provost. This twelve month position has campus responsibility for program assessment and improvement, oversees the MU accreditation process, coordinates special projects, serves as the campus grievance officer, and coordinates with the Provost on campus and system academic matters. The Associate Provost works very closely with Vice Provosts, Deans, Directors, and campus leaders to foster the academic mission of the University and serves as the representative of the Provost as needed.

The Associate Provost has numerous continuing and ad hoc responsibilities including representing the Office of the Provost on CBHE and UM System committees and at various meetings on and off campus. In addition to addressing the needs of various campus constituencies, the Associate Provost chairs or serves as a member of key faculty committees and develops campus initiatives as determined by the Provost.

The successful candidate will have an earned doctorate degree from an accredited institution, a distinguished record of scholarship and teaching, significant administrative experience in the University, and be familiar with all missions of the campus: undergraduate and graduate education, research, and outreach. Familiarity with accreditation process is particularly helpful.

ACADEMIC INTEGRITY FACULTY FELLOW

The Office of the Provost is seeking a current MU faculty member for the quarter-time position of Academic Integrity Faculty Fellow. This twelve month, renewable position has campus responsibility for academic integrity procedures, including both the implementation of the current procedures and the examination of ways in which they can be improved. The position requires close cooperation with the Office of Student Affairs, the Undergraduate Deans Group and the Campus Student Conduct Committee, in addition to the ability to work closely with faculty, administrators and students. The position will report through the office of the Vice Provost for Undergraduate Studies.

The successful candidate will have teaching experience at the University, and be familiar with both the undergraduate and graduate teaching mission. Candidates with a PhD from an accredited institution are preferred.

Nominations and applications are welcome. Applications should include a curriculum vitae and a personal statement of one's academic leadership philosophy. Review of applications by the screening committee will begin July 28, 2004, and will continue until the position is filled. Direct nominations and applications to:

Office of the Provost
114 Jesse Hall.

The University of Missouri-Columbia is committed to cultural diversity and it is expected that successful candidates will share in this commitment. MU is an equal opportunity/ADA institution and encourages applications from women and minority candidates.

The University of Missouri-Columbia complies with the Americans with Disabilities Act of 1990. If you have a disability and need accommodations in the job application process, please contact the MU ADA coordinator, by phone at (573) 884-7278 (V/TTY).



Missouri Life Sciences Week 2004

Promoting communication and collaboration — for food, health and the environment.

SCHEDULE AT A GLANCE

Monday, April 5, 2004

10:00 a.m. - 2:00 p.m. (Memorial Union, Stotler Lounge)

Career Quest 2004: Life Sciences Career Exploration Fair for Undergraduates

1:30 p.m. (Memorial Union, Jesse Wrench Auditorium, originating from the Midwest Research Institute, Kansas City)

Seminar: WEBSTER CAVENEE, University of California - San Diego

The tumor-associated FKHR transcription factor regulates vascular development.

12:00 noon (85 Gannett Hall, School of Journalism)

Tucker Forum: SHARON DUNWOODY, U. of Wisconsin-Madison and **JULIE ANN MILLER**, Editor, *Science News*
When scientists meet the media.

3:00 - 5:00 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar: SHARON DUNWOODY, U. of Wisconsin-Madison and **JULIE ANN MILLER**, Editor, *Science News*

When scientists meet the media/When journalists tackle science.

5:00 p.m.

Life Sciences Week Opening Reception (Reynolds Alumni Center, Great Room)

Tuesday, April 6, 2004

9:00 - 11:30 a.m. (Memorial Union, Jesse Wrench Auditorium)

Advanced Imaging: Application to research questions.

Luncheon for poster session first authors

1:30 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar: PETER AGRE, The Johns Hopkins University School of Medicine (2003 Nobel Prize winner in Chemistry!)
Aquaporin water channels: From atomic structure to clinical medicine.

3:00 - 5:00 p.m.

(Memorial Union, Jesse Wrench Auditorium)

Entrepreneurship: An Alternative to Traditional Licensing.

5:00 p.m. (Reynolds Alumni Center, Great Room)

SPARC (Scientific Partnership and Resource Connection) and UM Technology Transfer Showcase Reception

6:30 p.m. (Reynolds Alumni Center Ballroom)

Technology Transfer Showcase Dinner hosted by the UM Office of Technology and Special Projects

Wednesday, April 7, 2004

9:00 a.m. - 3:00 p.m. (Memorial Union, North Wing)

MU Poster Session - Day 1 presenters (half present on Wednesday, half on Thursday)

MU Vendor Show - Day 1 exhibitors

4:00 p.m. (Memorial Union, Jesse Wrench Auditorium, originating from the Danforth Plant Science Center, St. Louis)

Seminar: CARLOS BARBAS, The Scripps Research Institute, Dept. of Molecular Biology

Endogenous gene regulation and gene discovery with polydactyl zinc finger transcription factors.

Thursday, April 8, 2004

9:00 a.m. - 3:00 p.m. (Memorial Union, North Wing)

MU Poster Session - Day 2 presenters (half present on Wednesday, half on Thursday)

MU Vendor Show - Day 2 exhibitors

3:30 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar: JOHN BOYER, University of Delaware, College of Marine Studies

Youth wasted on the young, or why embryos abort in maize.

Friday, April 9, 2004

3:00 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar: MAY BERENBAUM, University of Illinois at Urbana-Champaign, Dept. of Entomology

Parsnip webworms and wild parsnips: web sites on the evolutionary superhighway.

4:30 p.m. (Memorial Union, Jesse Wrench Auditorium)

Research Poster Competition Awards Presentation

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1:30 p.m., Monday
Webster Cavenee
 Director of the Ludwig Institute for Cancer Research and Professor of Medicine at the University of California at San Diego.



12:00 noon, Monday & 3:00 p.m. Monday
Sharon Dunwoody (center) Evjue-Bascom Professor in the School of Journalism and Mass Communication at the University of Wisconsin-Madison and Associate Dean for Social Studies in the Graduate School;
 and
Julie Ann Miller (bottom) Editor of *Science News*; American Association for the Advancement of Science Fellow; recipient of the Award for Distinguished Service to Journalism and Mass Communication from University of Wisconsin-Madison.

Missouri

Life Sciences Week 2004

COMPLETE SCHEDULE OF EVENTS

MONDAY, APRIL 5, 2004

10:00 a.m. - 2:00 p.m. (Memorial Union, Stotler Lounge)

Career Quest 2004: Life Sciences Career Exploration Fair for Undergraduates

The Career Exploration Fair is designed for undergraduates seeking information on career opportunities and advanced degrees in the life sciences. Recruiters from over 35 biotech companies, non-profit organizations, graduate programs, and professional schools (e.g., medicine, public health, optometry) will be in attendance.

12:00 noon (85 Gannett Hall, School of Journalism)

Tucker Forum: Sharon Dunwoody, U. of Wisconsin-Madison and **Julie Ann Miller**, Editor, *Science News*
When scientists meet the media.

1:30 p.m. (Memorial Union, Jesse Wrench Auditorium, originating from Midwest Research Institute, Kansas City)

Seminar: Webster Cavenee, University of California - San Diego

The tumor-associated FKHR transcription factor regulates vascular development.

3:00 - 5:00 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar: Sharon Dunwoody, U. of Wisconsin-Madison and **Julie Ann Miller**, Editor, *Science News*
When scientists meet the media/When journalists tackle science

Science newsmaking requires both scientists and journalists, but the combination is sometimes combustible. In this tag-team talk, veteran science journalist and former scientist Julie Ann Miller will talk about the roles and goals of these actors from her vantage point in both camps. Science communication scholar Sharon Dunwoody will then weigh in with the latest research on scientist/journalist interactions to

5:00 p.m.

Life Sciences Week Opening Reception (Reynolds Alumni Center, Great Room)

TUESDAY, APRIL 6, 2004

9:00 - 11:30 a.m. (Memorial Union, Jesse Wrench Auditorium)

Advanced Imaging: Application to Research Questions

Imaging techniques are central to understanding the biological function of molecules at the cell, tissue, and organism levels. There have been stunning advances in the ability to gather, process and interpret biological images. This workshop will provide an overview of capabilities that are either already available to MU researchers or that will soon be available. Presenters include experts from MU's core facilities and researchers who apply new generation imaging to their research.

Moderator: Bruce McClure, Biochemistry

Tom Phillips, Director, Molecular-Cytology Core

Troy Zars, Biological Sciences

Timothy Hoffman, Radiopharmaceuticals Institute

Marty Katz, Faculty Coordinator, Electron Microscopy Core

11:30 a.m. - 1:00 p.m. (Reynolds Alumni Center second floor)

Luncheon for poster session first authors

1:30 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar: Peter Agre, The Johns Hopkins University School of Medicine and 2003 Nobel Prize winner in Chemistry (co-sponsored by the MU Membrane Biology Group)

Aquaporin water channels: From atomic structure to clinical medicine.

3:00 - 5:00 p.m.

(Memorial Union, Jesse Wrench Auditorium)

Entrepreneurship: An Alternative to Traditional Licensing

Moderator: Bob Calcaterra, President, The Nidus Center for Scientific Enterprise

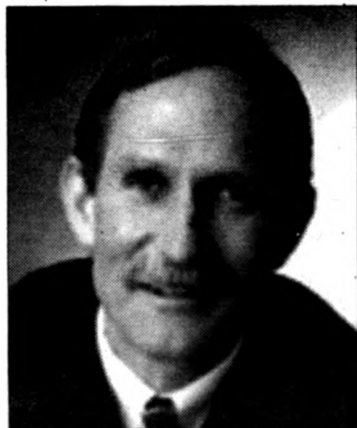
Panelists:

— **Brian Clevinger**, Director, Prolog Ventures

— **Del Day**, UM-Rolla Curator's Professor of Ceramic Engineering and President of MO-SCI

— **Don Landers**, President, Pet Healthcare, Inc.

— **Dave Calabotta**, Managing Director, ANH-Tech



1:30 p.m., Tuesday

Peter Agre

2003 winner of the Nobel Prize in Chemistry; Professor of Biological Chemistry at the Johns Hopkins Uni-

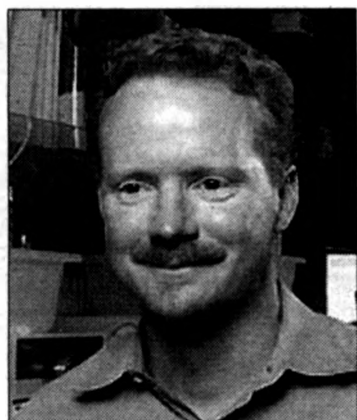
TUESDAY, APRIL 6, 2004 (CONTINUED)

5:00 p.m. (Reynolds Alumni Center, Great Room)

Joint reception hosted by SPARC (Scientific Partnership and Resource Connection) and UM Technology Transfer Showcase

6:30 p.m. (Reynolds Alumni Center, Ballroom) (tickets required)

Technology Transfer Showcase Dinner hosted by the UM Office of Technology and Special Projects



4:00 p.m., Wednesday

Carlos Barbas

Janet and Keith Kellogg II Chair in Molecular Biology at the Scripps Research Institute.

WEDNESDAY, APRIL 7, 2004

9:00 a.m. - 3:00 p.m. (Memorial Union, North Wing)

MU Poster Session - Day 1 presenters (half present on Wednesday, half on Thursday)

MU Vendor Show - Day 1 exhibitors

4:00 p.m. (Memorial Union, Jesse Wrench Auditorium, originating from the Danforth Plant Science Center, St. Louis)

Seminar: Carlos Barbas, The Scripps Research Institute, Dept. of Molecular Biology
Endogenous gene regulation and gene discovery with polydactyl zinc finger transcription factors.

THURSDAY, APRIL 8, 2004

MU Poster Session - Day 2 presenters (half present on Wednesday, half on Thursday)

MU Vendor Show - Day 2 exhibitors

3:30 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar - John Boyer, University of Delaware, College of Marine Studies
Youth wasted on the young, or why embryos abort in maize.

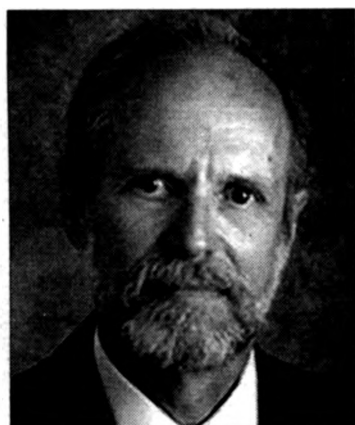
FRIDAY, APRIL 9, 2004

3:00 p.m. (Memorial Union, Jesse Wrench Auditorium)

Seminar: May Berenbaum, University of Illinois at Urbana-Champaign, Dept. of Entomology
Parsnip webworms and wild parsnips: web sites on the evolutionary superhighway.

4:30 p.m. (Memorial Union, Jesse Wrench Auditorium)

Research Poster Competition Awards Presentation



3:30 p.m., Thursday

John Boyer

Dupont Professor of Marine Biochemistry/Biophysics at the University of Delaware.



3:00 p.m., Friday

May Berenbaum

Professor and Chair, Dept. of Entomology at the University of Illinois at Urbana-Champaign.

For more Missouri Life Sciences Week information, visit the website at <http://lifesciencesweek.missouri.edu>.

Missouri

Life Sciences Week 2004

RESEARCH POSTER SESSION

MU's Life Sciences Week Live Poster Session

Wednesday and Thursday, April 7-8, 2004

North Wing of the Memorial Union (both 1st and 2nd floors)

RESEARCH POSTER SESSIONS have long been a key component of professional scientific meetings worldwide -- an opportunity for researchers to showcase their discoveries, solicit input, discuss scientific techniques, and collaborate with those who have common research interests.

The annual life sciences research poster session at MU has a rich history and this year will feature nearly 300 research posters on display during the 2-day session. Posters will be presented by MU faculty, students, postdocs, and staff who are actively engaged in life sciences-related research and several representatives of other institutions around the state of Missouri.

Different posters will be presented each day, so be sure to come both Wednesday and Thursday! For a listing of presenters for each day, visit the Life Sciences Week website at <http://lifesciencesweek.missouri.edu>.

Research Poster Competition

Awards presentation Friday, April 9, 4:30 p.m. in Jesse Wrench Auditorium, Memorial Union

Undergraduate students, graduate students and postdocs are eligible to participate in the research competition portion of the MU Poster Session. Prizes will be given in five categories: Cell Biology; Molecular Biology; Organismal Biology, Population Biology, and Technical Development.

Judging by interdisciplinary faculty panels will take place during the two-day poster session. Awards will be presented on Friday, April 9th, at 4:30 p.m. following the seminar by Dr. May Berenbaum.

North Wing of the Memorial Union (both 1st and 2nd floors)

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And new this year — drawings for great door prizes on both days of the poster and vendor exhibits!

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