

MIZZOU

WEEKLY

University of Missouri-Columbia July 9, 1998

INSIDE THE WEEKLY

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High impact

External review lauds MU Honor College's 'enviable reputation.'

A panel of nationally known experts recently completed an external review of MU's Honors College that praises the college for its impact on undergraduate education.

"In sum, the Honors College performs well all of the activities typically associated with such programs in large, research-oriented universities, and in some cases conspicuously exceeds the norm," the review states.

"MU's distinguished Honors College fulfills its primary mission by providing intellectual stimulation and enrichment for the most distinguished group of undergraduates. It orchestrates the contributions of the academic units in the form of honors courses, honors sections of regular courses, and other high-grade learning opportunities. It encourages the mounting of new honors sequences (as in

the natural and social sciences) and provides the hospitable environment for curricular innovation in all fields of study. It strengthens the recruiting efforts of the University by making the campus especially attractive to high-ability students who deliberately seek academic challenge. These are the students the faculty members particularly enjoy teaching."

The reviewers were: Julia Bondanella, associate director of Indiana University's honors division; Donald Lammers, emeritus director of the honors college at Michigan State University; and James Rambeau, former director of Pennsylvania State's scholars program.

Stu Palonsky, director of the Honors College, says that the external review recognizes the large number of talented undergraduate students who attend MU

and the contributions of faculty who volunteer their time to teach honors courses.

Every semester, between 60 and 70 MU faculty teach honors sections of regularly offered courses, in addition to special honors courses. At the same time, faculty have shown a willingness to expand the honors curriculum, with such offerings as the honors sequences in science and social sciences patterned after MU's well-known humanities sequence.

Along with expanded offerings, the Honors College continues to attract more and more students. Currently, 20 percent of each freshman class — between 700 and 800 freshmen each year — are "honors eligible."

That growth is one challenge that the external review team observed. Reviewers suggested that the college study whether or not to raise the ACT qualifying score from 28 to 29 as a way to control honors enrollment. They noted, however, that there seemed to be little support on campus for that approach because of "its feared effects on the diversity of the honors population."

The reviewers also pointed to the impact the Honors College has on student retention and graduation rates. For instance, a study conducted by the college found that Honors College members have a one-year retention rate 6 percent higher than the campus average and a two-year rate that is between 15 percent and 20 percent higher. The four-year graduation rate for Honors College students is 20 percent to 30 percent higher than the campus average.

While the college's impact on honors students is apparent, there's a payoff for the faculty who participate as well, Palonsky says. "There's nothing more pleasant than teaching bright kids who elect to take your course. They're fun to have in class. It's challenging in the most pleasant way."

Sue Crowley, Honors College assistant director, agrees. "It's like working in a candy store. You get to give away so many goodies," says Crowley, who directs the Honors College humanities sequence. "There is a wonderful collegiality between students and professors."

Mummy dearest

After 10-year loan, exhibit returns to St. Louis.

This intrepid traveler departed Mizzou in much grander style than he arrived. After a decade-long sojourn at MU's Museum of Art and Archaeology, the Egyptian mummy called Pet-menekh headed back to his permanent home at Washington University's Gallery of Art.

Pet arrived on campus back in January 1987, during one of the worst snow storms in years. Museum workers had bundled the mummy into a borrowed hearse for his ride through the blizzard from St. Louis. He made the trip home in a climate-controlled van equipped with special shock absorbers that minimized any jostling he might encounter on the interstate.

And, even though Pet is pushing 2,300 years old, he was looking pretty good for his return journey. That's because Washington University loaned the mummy and his coffin to MU for 10

years in exchange for conservation work. Experts at Mizzou have cleaned and consolidated the coffin and reinforced the cartonnage, a separate section that goes on top of the coffin.

During his stay at the Museum of Art and Archaeology, Pet fascinated

thousands of visitors and captured the affections of more than a few members of the University community. "There is a great big gap in the gallery," Jane Biers, the museum's curator of ancient art, says of Pet's departure.

Over the years, a number of MU

scientists pitched in to help analyze the mummy and coffin. Jay Dix, associate professor of pathology, took X-rays and CAT scans of the linen-wrapped mummy. By looking at the amount of wear on the teeth and minor degenerative changes in joints, museum workers determine that Pet probably died suddenly in his 30s or 40s from trauma or from acute disease.

MU faculty in a number of disciplines worked at unraveling other mysteries surrounding the mummy. Forestry researchers found that the wooden coffin was made from a sycamore wood native to Ethiopia. Researchers analyzed pigments in the coffin's paint, and found that a lead-based pigment originally coated the coffin. That helped date the coffin, because lead pigments were not used in Egypt until the Greco-Roman period, or about the third century B.C.

Hieroglyphics on the coffin, along with other evidence, suggest that Pet was a priest. Many of the inscriptions are spells from the Book of the Dead. "The coffin is very elaborate. It would have been relatively expensive to produce," Biers says. During the third and fourth centuries B.C., she says, "wealth was largely in the hands of the priests."

The mummy will make it home to Washington University just in time to take part in a new exhibit there that focuses on two Egyptian mummies. In Pet's place, the Museum of Art and Archaeology this fall will display a small collection of animal mummies from Egypt, including a mummified cat and baby crocodile borrowed from the Field Museum in Chicago.



Buck Carter, right, and Daniel Barton wrap the mummy of Pet-menekh in a protective sheet of plastic for its journey from Mizzou to St. Louis. The two men work for Fortress FAE Worldwide, a Boston-based company that specializes in moving fine art objects.

Rob Hill photo

CONFERENCE TO HELP WAR-TORN CHILDREN

Teachers and mental health professionals from as far away as Bosnia, Rwanda, Russia and Iraq traveled to Columbia this week to attend a training course in trauma psychology and the Second International Conference on Working with Traumatized Children and Their Families. The training course and conference are organized by Arshad Husain, professor and chief of child and adolescent psychiatry.

The training course brings mental health professionals together to examine the diagnosis and treatment of youngsters who

are psychologically scarred by traumatic events. Selected teachers and mental health professionals from war-torn countries, will receive intensive training in trauma psychology.

"We will discuss how to deal with children who are traumatized by violence in their lives and how to reduce their psychological trauma," Husain says. "We are hoping these teachers and mental health professionals will be able to take the information they receive here and train others in their own countries."

The two-day international conference, which is expected to bring 75 to 100 people, will follow

the training course. It will be July 11-12. The purpose of this year's conference is to identify the present mental health issues that face children and their families in post-war Bosnia and Herzegovina and to identify mental health programs available in those countries.

"Children are our message to our future," Husain says. "If they are damaged and scarred, then our message to the future becomes damaged and scarred. We need to help raise them in a safe environment, and war and violence interferes with that."

PROTECT YOUR PET

Heatstroke is a frequent and common killer of pets each summer, and the most common cause is the misconception of pet owners that leaving their pets in a car or truck for just a few minutes is OK.

It's not, says C.B. Chastain, associate dean of veterinary medicine. "Even with the windows partially rolled down, the temperature in a car can climb to 160 degrees or more in a few minutes." If you absolutely must leave your pet in a car, Chastain recommends the following:

- Open windows and vents as wide as possible without providing

an escape route, or put your pet in a well-ventilated cage inside the car and open the windows fully.

- Provide water.
- Check the car every 10 minutes.

If your pet is panting, has an anxious expression, does not obey commands, has warm, dry skin, a high fever, rapid heartbeat or is vomiting, lower his temperature quickly with cool water, either by immersing him in a tub of cool water or by spraying thoroughly with a garden hose. Then call your veterinarian immediately. "First aid is crucial," Chastain says. "Don't wait until you can see your veterinarian. First aid reduces the

Parking & Transportation Services

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882-4568

Please be sure that your campus mailing address is correct with payroll so that we have the correct address when we mail new parking permits in August.

A hot new trend

Global warming may be good for Missouri farmers.

A report that names 1998 as the hottest year — so far — in six centuries could actually have beneficial implications for Missouri agricultural producers, said an MU researcher.

Tony Lupo, assistant professor of atmospheric science, said the upshot for the state might be a longer growing season with more moisture. "Certainly, if the entire planet undergoes a warming, I'm inclined to suspect it would be wetter here," he said. "The Gulf of Mexico is close by, and it's a wonderful source of moisture."

Vice President Al Gore last month presented a report by the National Oceanic and Atmospheric Administration that the record-setting global warming trend of 1997 continues into this year. Lupo, for one, believes it would be "highly speculative" to draw conclusions from that data.

"They're saying it's the hottest year in 600 years, but the year's only five months over," he said. "The biggest issue is whether the climate changes are due to increased greenhouse gases or natural variability. I suspect that in reality, it's a combination of both."

What's more, recent research shows that increases in atmospheric carbon dioxide can boost yields in some crops, Lupo said. "It's kind of a double-edged sword. Certain crops love the increased CO2."

A Mississippi State University study shows that cotton plants grown under doubled CO2 levels increased the weight of the bolls by more than 20 percent regardless of temperature. A 1996 experiment by a British and Chinese team determined that the fresh-fruit weight of strawberry plants grown in an enriched CO2 atmosphere increased up to 42 percent. "It's just amazing," Lupo said. "These are very significant increases."

He is skeptical of claims that global warming has worsened the effects of El Nino. "That's not the case," he said. "If there is continued global warming, it'll lessen the severity of things like El Nino. You'll be less likely to see extremes of weather like strong hurricanes or drastic cold spells."

"Whether that's good for ecosystems, we don't know," he said. "What we do know is that if the climate changes, ecosystems are going to change."

Bookmark it!

Check out floor plans for your office or building online at:

www.cf.missouri.edu

Floor plans are available for buildings on the central MU campus. To access the floor plans, you will need to download the free Whip viewer plug-in from www.autodesk.com. There is a link from the MU Floor Plans web page to the viewer site. If you have questions, call Space Planning & Management at 882-4506.



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chance of permanent brain, heart or kidney damage."

SOME FANCY FOOTWORK

Find it difficult to keep track of the giants of World Cup soccer on your tiny television screen? Then settle back and watch the final two games of the World Cup matchup on a really big screen — the 96-square-foot screen in Ketchum Auditorium in the Engineering Building East. MU's international programming committee is bringing the action to Columbia beginning at 2 p.m. July 11 and 12. The event is free and open to everyone, even if

you don't know the difference between a penalty kick and a left-wing fullback.

MORE BIG DIGS

Campus Facilities provides this update on the construction projects that have work crews digging their way across two heavily traveled portions of campus: On the Red Campus, excavation has begun on the south half of the Quad and, within the next couple of weeks, is expected to reach or possibly pass the Columns. The crew has also begun "directional boring" from the main trench to between Pickard

Hall and the Residence on Francis Quadrangle. This involves putting pipe beneath the north-south sidewalk separating the buildings and the Quad, and precedes the excavation of smaller trenches running from the main trench. There are no planned utility outages.

Meanwhile, on the White Campus, progress is "not as fast as had been hoped." The contractor has begun extended work hours, including Saturdays, to catch up. Excavation and construction of forms, and the pouring of cement for the actual steam tunnel from Memorial Union to the east, has begun. At the east end of the dig, a

water stoppage is planned for Saturday, July 11, for Schweitzer Hall, as the switch is made from the old to the new water main.

INTERNET ACCESS FOR MU RETIREES

Now there's no reason for retirees to get left behind on the information superhighway. Mizzou wants to help make it even easier for MU retirees to access the internet, says Ed Mahon, assistant vice chancellor for Information and Access Technology Services.

Retirees who have computers that are not already connected to

the internet through the University can attend an internet enrollment session beginning at 1 p.m. July 22 in N208 Memorial Union. During the 90-minute session, internet software will be distributed and retirees will be trained to install it on their home computers. Participants should bring a University retiree ID and \$10 to cover the cost of the computer software disks.

Space for the session is limited, and registration is required. To register, call IAT Services at 882-6006. Additional sessions will be scheduled as needed.

Froggy goes a courtin'

MU research shows female frogs prefer males with 'good genes.'

For years, scientists have wondered if the theory of "good genes," where females choose mates solely based on genetic qualities, had any validity. Parts of the theory had been supported through mathematical models, but strong experimental data from actual animals has been lacking, until now.

In an article that was published June 19 in the journal *Science*, MU researchers Allison Welch, Raymond Semlitsch and

Carl Gerhardt have found good evidence that the theory does indeed hold true. The researchers used gray tree frogs, which have no direct benefits from choosing a mate, as their subjects because of the simplicity of their mating behavior and because females choose certain males based on the duration of their call.

"In other species, there may be many different potential reasons why a female might choose a mate, anything from being a good father, to providing them with food, to having a great territory," said Welch, a doctoral candidate at MU. "With the gray tree frogs though, there are no known direct benefits. After the frogs mate, the two parents do not provide each other with anything and do not give their

young any support once the eggs are laid."

Over a period of two years, the

scientists went to a pond and collected pairs of males to mate with females. The pairs collected contained one male that had a long call and one that had a short call. The two males were then crossed with a single female to produce two separate sets of tadpoles.

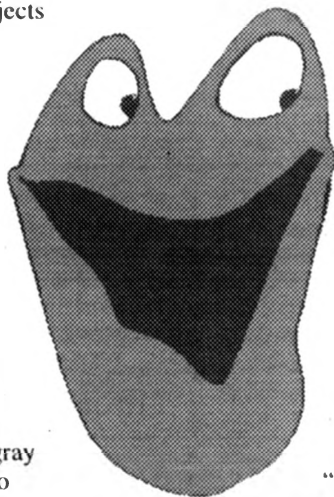
"We took the two sets of tadpoles and split them in half and put two groups in a good environment and two groups in a bad environment," Welch said.

"We measured tadpole growth rate, body size, how well they survived as tadpoles and growth rate 30 days after sprouting their

legs. What we found was that the frog from the father with the longer call were stronger and more fit, whereas the opposite was true for the tadpoles from the father with the short call."

Research previously completed by Gerhardt, a professor of biological sciences at MU, had demonstrated that the duration of the call was important to female frogs choosing their mate, and until now, scientists had trouble explaining why that happened.

"This finding will extend and reinforce contemporary models that deal with female choice and might help us in other research where we are dealing with other animal or insect systems," said Semlitsch, an associate professor of biological sciences. "The knowledge gained in this research might lend itself to biological control of pests. If we know why and how females choose mates, we might be able to control mating and slow the growth of such pests."



Summer studies

As students prepared to put their books away for the summer and head for the swimming pool, an MU scientist presented research in early June showing that might not be such a good idea. Students of all abilities and grade levels can benefit from summer school programs, according to a study recently completed by Harris Cooper, professor of psychology.

"Summer school programs were shown to have positive effects for all students," Cooper said. "Students completing the programs were found to score higher and be better prepared in both math and reading when the fall rolled around."

Cooper, whose meta-analysis study was presented June 2 to colleagues at the U.S. Department of Education, said results of the research, which analyzed 53 evaluations of summer school programs, revealed that the programs have a more significant effect on math scores than on reading.

He also found that students from middle-class socio-economic backgrounds benefit more than lower-class students, although disadvantaged students showed gains as well. Cooper stressed the need for additional local, state and federal funding in summer school programs, and noted that policy-makers should make it easy for

families to enroll their children in the programs.

"Math-related skills are used less during the summer in everyday activities, so summer school programs can help fill that gap," Cooper said.

Cooper notes, though, that simply because the summer programs enhance math skills more than reading, there is not evidence enough to stop summer reading education. In fact, the analysis states that illiteracy is a strong predictor of negative social behavior in both children and adults.

Other analyses revealed that students from middle-class backgrounds benefitted more in summer school than students from disadvantaged backgrounds. "Some researchers have speculated that the learning deficits disadvantaged students bring to summer school simply may be more difficult to remedy," Cooper said.

Cooper's study stresses the need for additional funding from local, state and federal sources and suggests that a significant portion of those funds be spent on instruction in basic skills. Funds also should be set aside to encourage and foster participation in summer programs, especially among disadvantaged students.

"Math and reading are two very basic subjects that students can make substantial improvements in over the course of a summer school program," Cooper said. "If we are able to increase participation in these summer programs, a great many students would benefit for their entire educational career."

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CALENDAR

Send calendar items by Campus Mail to
Mizzou Weekly Calendar, 407 Reynolds Center,
 by noon Thursday the week before publication.
 Events are free and open to the public unless otherwise noted.

Concerts and Plays

Thursday, July 9

SUMMER REPERTORY SERIES:

"Nonsense" will be presented in the Rhynsbarger Theatre at 8 p.m. tonight and July 14, 17, 22, and 25, and July 26 at 2 p.m. For ticket information, call 882-PLAY.

Friday, July 10

SUMMER REPERTORY SERIES: "The Fantasticks" will be presented at 8 p.m. in Rhynsbarger Theatre tonight and July 15, 18, 23, 28, and 30, and at 2 p.m. on July 19. For ticket information, call 882-PLAY.

Saturday, July 11

SUMMER REPERTORY SERIES:

"Rumors" will be presented at 8 p.m. in Rhynsbarger Theatre tonight and July 16, 21, 24, 29, and 31, and at 2 p.m. July 12. For ticket information, call 882-PLAY.

Courses

Tuesdays and Thursdays

PRENATAL EXERCISE CLASSES: This one-hour class offers strength, flexibility for pregnant women. The class is held from 7-8 p.m. at the Health Connection in Parkade Plaza. For more information or to register, call 882-1718.

Tuesday and Wednesday, July 21 & 22

SAFE SITTER CLASSES: This two-day program from 9 a.m.-4 p.m. teaches children ages 11-13 how to handle emergencies when caring for young children. The program will be offered again August 4-5, and 17-18. Cost is \$30. Registration is limited; call 882-6565.

Monday, July 13

HUMAN RESOURCES COURSE: Retha Nichols, coordinator, will present "Tax Deferred Annuities" from 9-11 a.m. in 146 Heinkel. Call 882-2603. Registration required.

Tuesday, July 14

HUMAN RESOURCES COURSE: John Larkin will present "Fail Proof Filing" from 9 a.m.-noon in S203 Memorial Union. Call 882-2603. Registration required.

Monday, July 20

HUMAN RESOURCES COURSE: Brian Weimer, MU Police crime prevention officer, will present "Workplace Violence" from 9 a.m.-noon in S203 Memorial Union. Call 882-2603. Registration required.

Exhibits

MUSEUM OF ANTHROPOLOGY: The museum's exhibits focus on Native American cultures and the history and prehistory of Missouri. The museum, located at 100 Swallow Hall, is open 9 a.m.-4 p.m. Monday through Friday.

MUSEUM OF ART AND ARCHAEOLOGY:

Special Exhibits:

- "Three Centuries of Comic Art" is on display through late August
 - "Greek and Roman Crafts" is on display through Oct. 4
 - "Passages: The Art of Jorg Schmeisser" is on display through Nov. 8
- The museum, located in Pickard Hall, is open from 9 a.m.-5 p.m. Tuesday-Friday, 6-9 p.m. Thursday and noon-5 p.m. Saturday and Sunday.

BRADY GALLERY: A display of alternative photographic processes will be on display July 13-30. The gallery, located in 203 Brady Commons, is open 10 a.m.-5 p.m. weekdays.

STATE HISTORICAL SOCIETY OF MISSOURI:

"Decades: 1897-1968, Editorial Cartoons" is on display in the east-west corridor. The corridors are open 8 a.m.-4:30 p.m. Monday-Friday and 9 a.m.-4:30 p.m. Saturday.

UNIVERSITY ARCHIVES: The following online exhibits:

- "Memorial Union 75th Anniversary"
- "Getting Physical" an exhibit on women's athletics at MU
- "Mizzourah! Football at MU, the Early Years"
- "Dramatic Images", photos of MU theater productions from 1927-1951 are on display online at www.missouri.edu/~archwww/news&ex.html

GEORGE CALEB BINGHAM GALLERY:

The Charles Lindbergh Conservation Exhibition features landscape and wildlife photographs by Robert Lindholm. The

gallery, located in the Fine Arts Building, is open 10 a.m.-4 p.m. Monday-Friday.

Lectures and Seminars

Wednesday, July 15

MIDDAY GALLERY EVENT: Frank Stack presents "20th Century-Subversions" at 12:15 p.m. at the Museum of Art and Archeology in Pickard Hall.

Wednesday, July 22

MIDDAY GALLERY EVENT: Jane Biers presents "Egyptian Faience" at 12:15 p.m. at the Museum of Art and Archeology in Pickard Hall.

Meetings

Thursday, July 9

STAFF COUNCIL: Group meets at 1:15 p.m. in S206 Memorial Union.

Thursday, July 23

STAFF COUNCIL: Group meets at 1:15 p.m. in S206 Memorial Union.
FACULTY COUNCIL: Group meets at 3:40 p.m. in S203 Memorial Union.

Special Events

Tuesday, July 21 or Thursday, July 23

MUSEUM YOUTH PROGRAM: The Museum of Art and Archaeology presents "Fun in the Ancient World", a program for children ages 9-12 that explores what the ancient Egyptians, Greeks and Romans did for fun. For cost information, and to register by the July 14 deadline, call 882-3591.

Volunteer Hotline
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If you are looking for a great way to **GET INVOLVED** in the community, consider volunteering at the **1998 Show-Me State Games**. Over 1,500 volunteers will be needed during the Show-Me State Games Finals in Columbia, **July 17, 18, 19 and July 24, 25, 26**. All volunteers receive a free T-SHIRT, so call the Volunteer Hotline and get signed up to **volunteer!**



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Combating cancer with research

MU researcher awarded grant from Cancer Society

Steve Van Doren, assistant professor of biochemistry, has received a three-year \$261,000 grant from the American Cancer Society.

Van Doren, whose grant is the second largest in a four-state area that includes Kansas, Oklahoma, Nebraska and Missouri, will be studying the molecular mechanisms of a tumor promoting virus. Practical applications from the research could include development of a treatment for human cervical cancer.

"I greatly appreciate what the American Cancer Society does to advance this kind of research. They support a wide array of research ranging from the origins of cancer to diagnostic and therapeutic strategies," said Van Doren, who is being assisted in his study by MU researchers Bill Folk and Michael Riley. "Our research would not be possible without the public support that the ACS receives."

"We think that what we learn about the structure and mechanism of a viral protein will give insight on how to block the virus that causes cervical cancer in women," Van Doren said. "Cervical cancer is common throughout the world."

Van Doren joins colleagues Mark Hannink, an associate professor in biochemistry, and Stephen Alexander, a professor in molecular biology, who have received grants from the ACS. Hannink received a three-year, \$300,000 grant in

January, and Alexander received a five-year, \$205,000 grant in July 1994.

Hannink is researching cancer-causing agents in the environment and how they are induced while Alexander's research focuses on the basic mechanisms of genetic traits and how they relate to cancer.

"Research is clearly the key to conquering cancer," said Ted Buckland, chief executive officer for the Heartland Division of the American Cancer Society. "As long as scientists like Steven Van Doren dream of making discoveries that save lives and diminish suffering, there is hope for curing cancer."

The American Cancer Society is a nationwide, community-based, voluntary health organization dedicated to eliminating cancer as a major health problem by preventing cancer, saving lives, and diminishing suffering.

In the Columbia region, which includes nine counties, fund-raising activities have raised \$324,877 as of May 1, 1998. A portion of the money raised locally is sent to the national office in Atlanta where it is dispersed for research grants, like Van Doren's, and other awareness materials.

According to the American Cancer Society, one out of every two males will develop cancer in their lifetime, and one out of every three females will develop cancer. Currently, one out of every four males and one out of every five females will die from cancer.

Ellis Fischel is one of 10 sites for ovarian cancer drug study

Physicians at Ellis Fischel Cancer Center are conducting a drug study that they hope will help women with ovarian cancer live cancer-free longer. The center has been chosen as one of 10 sites nationwide to test a new antibody treatment called Ovarex.

Patients with ovarian cancer traditionally are treated with surgery and then chemotherapy. After chemotherapy treatments, 65 to 75 percent of patients show no clinically detectable signs of the disease, said Jeffrey Bloss, director and associate professor in the department of obstetrics and gynecology at Ellis Fischel.

However, Bloss said that many times there are cancer cells still circulating within the body that cannot be detected by blood tests or exams. Within six to 18 months of their last treatment, half of those who show no sign of disease have recurrences and die.

"This antibody is designed to kill those cells that are around that we can't clinically see, feel or detect in any other way," Bloss said. "The hope is that these few circulating cancer cells will be attacked, and the patient's immune system will kill the cells."

Bloss will begin enrolling patients for the study in early July. The study is open to women who have cancer of the ovaries, fallopian tube or peritoneal lining

and who can begin treatment with Ovarex within six weeks of their last chemotherapy treatment. Participants will receive injections of Ovarex, the antibody that will help the patients' immune systems fight new cancer cells, every three months for two years.

"In patients with cancer, drugs destroy the majority of cancer cells, but the body's immune system doesn't always help to fight cancer," Bloss said. "We want to stimulate the immune system to target these cancer cells in an effort to totally eliminate the cancer."

Every year in Missouri, 500 new cases of ovarian cancer are diagnosed and 300 Missourians die from the disease. The average age of women with ovarian cancer is 60, but Bloss said that women as young as 30 can get the cancer. Nationally, the number of women who die from ovarian cancer has not changed despite the sophisticated treatments that are available to patients.

"Advanced ovarian cancer is generally considered a fatal tumor in 1998," Bloss said. "We have had zero impact on overall survival in ovarian cancer. What we have done is extend patients' lives. We are prolonging life, but we aren't curing patients, and Ovarex is a totally different type of therapy which we hope will resolve the problem."

Other sites selected for this trial in the Midwest are located in Iowa and Nebraska. For more information about enrolling in the study, call (573)882-1057.

Now there's another way to get your event in Mizzou Weekly's Fall Semester Calendar.

You can submit your item through the new MU Online Events Calendar at: <http://www.missouri.edu/calendar>. The calendar is designed to be self-directed, but if you have any problems, call 882-2000. Use this form for sending entries direct to Mizzou Weekly.

The Fall Semester Calendar will be published Sept. 3, 1998.

Deadline for entries: noon, Aug. 19, 1998.

SEMESTER CALENDAR

Send to MW Semester Calendar, 407 Reynolds Center, by noon Aug. 19 for the Mizzou Weekly Fall Semester Calendar, to be published Sept. 3, 1998.

Event date _____

Event title _____

Speaker or performer (including professional title, university or company affiliation) _____

Time _____

Location _____

Ticket or cost information _____

Event Sponsor _____

Who may attend _____

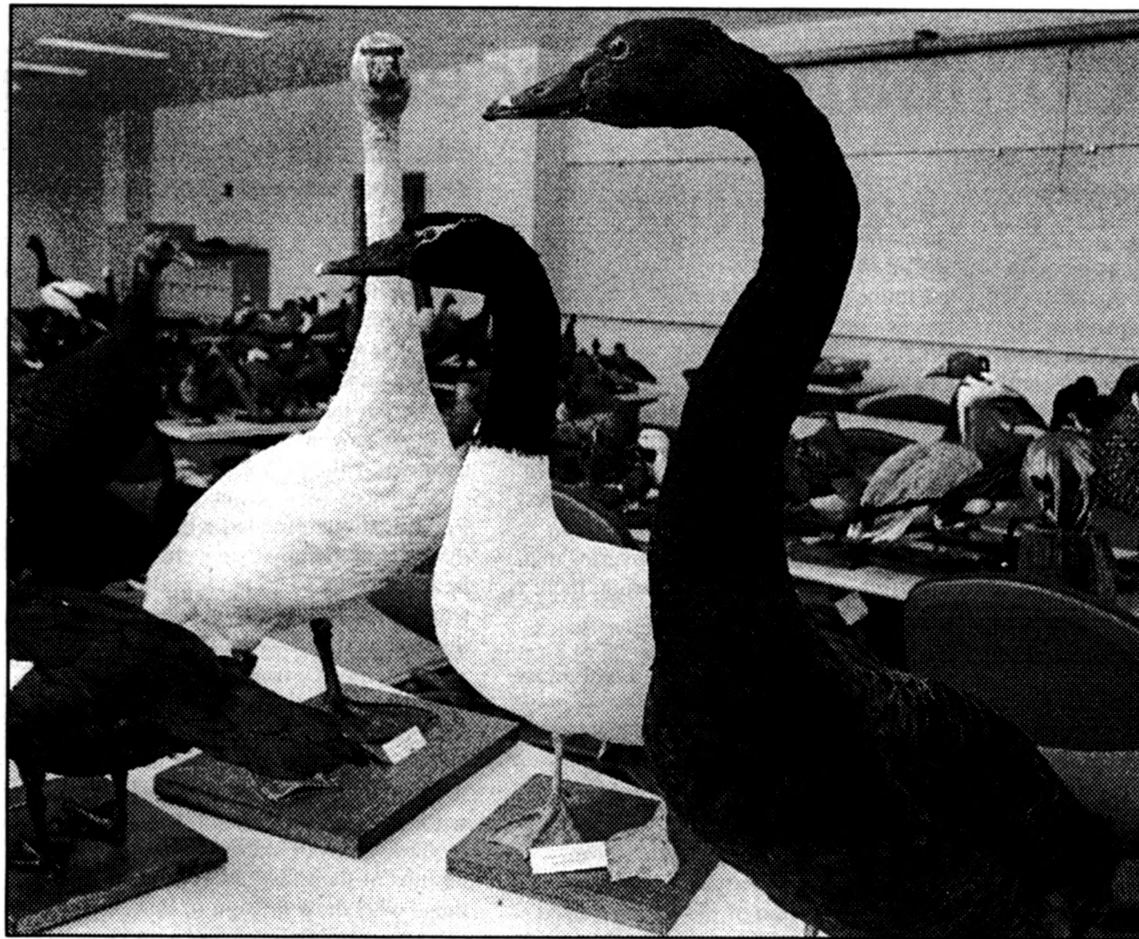
Submitted by _____

Phone number _____

Birds of a feather

School of Natural Resources moves to its new campus home.

Visitors to the new Anheuser-Busch Natural Resources Building probably did a double-take after they had a gander at the hundreds of waterfowl that



Nearly 200 stuffed waterfowl specimens from the Glen Smart Collection found a temporary refuge in the new Anheuser-Busch Natural Resources Building.

Nancy O'Connor photo

A change of address

The School of Natural Resources has moved into the new Anheuser-Busch Natural Resources Building. Departments that had been scattered between seven locations around campus are under one roof for the first time. Some new addresses:

■ **Administrative Offices** (Director, Fiscal, Academic)

New address: 103 ABNR Bldg. — Admin.

New FAX: 884-2636

■ **Fisheries & Wildlife Program**

New address: 302 ABNR Bldg. —

Fish/Wildlife

Same FAX: 884-5070

■ **Forestry Program**

New address: 203 ABNR Bldg. —

Forestry

Same FAX: 882-1977

■ **Parks, Recreation & Tourism**

Program

New address: 105 ABNR Bldg. —

Parks & Rec

Same FAX: 882-9526

Project Life offices remain in Clark Hall

■ **Soil Science Program**

New address: 302 ABNR Bldg. —

Soils

New FAX: 884-5070

■ **Atmospheric Science Program**

Offices will remain in Gentry Hall

Same FAX: 884-5133

found a temporary refuge last week in a first-floor classroom of the just-completed building.

Actually these critters were stuffed specimens, part of the Glen Smart waterfowl collection that's used as a teaching tool in MU wildlife classes. They didn't perch there for long. By this week they'd been moved to display cases on the building's first floor — a new home after being displayed for years in LeFevre Hall.

Making that move was just one of the many headaches that faculty, staff and students encountered as they relocated to the new building last month. From Stephens Hall came some 25,000 preserved specimens, including fish from Missouri, the Midwest and around the world. Through the steamy June weather, trucks trundled office and lab equipment

to Anheuser-Busch Natural Resources Building.

Funding for the \$19 million, 100,000-square-foot building came from the state of Missouri, federal agencies, individual donations and a \$1.5 million gift from the Anheuser-Busch foundation.

On a recent tour, Al Vogt, director of natural resources, pointed out some of the new building's amenities. It was designed to reflect principles of energy conservation.

Vogt pointed to the light streaming into the first floor atrium. "This is not a closed, dingy building," he said. "It's designed to bring people together." It was also designed to showcase Missouri's natural products — from the hardwood trim and flooring to the limestone produced by a St. Charles quarry.

The building's 500-seat auditorium, which already has been used for Summer Welcome programs, is fitted out with all the high-tech computer generated teaching tools that have become standard in auditoriums on campus.

Upstairs, there is a computer classroom

with all the technology that students need to learn spatial data techniques, remote sensing and geographical information systems. There are controlled growth rooms for fisheries research and extensive new laboratory space.

The new building brings together natural resources departments that had been scattered between seven locations across campus. Only the Atmospheric Science program, which recently upgraded its laboratories, will stay put in its current Gentry Hall location.

The move, Vogt says, will foster "collaboration and cooperation across walls. That's really what the School of Natural Resources is, the interdisciplinary science and management of resources for people."

Editor's note: Coming in the July 23 issue, Mizzou Weekly will report on the Department of Chemistry's move into the new Chemistry Building Addition.

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MISCELLANEOUS

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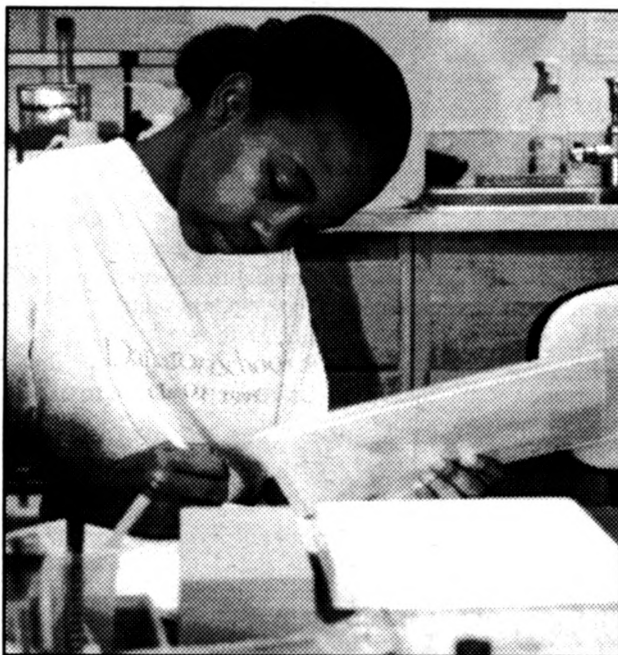
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Tselane Ware, a junior at Howard University in Washington, D.C., identifies bacteria and parasites that can commonly affect dogs. Ware's participating in "Pathways to Success in Veterinary Medicine," a program designed by the College of Veterinary Medicine to enhance students' understanding of the profession.

News Bureau photo

offers an in-depth view of the field by allowing participants to work with clinical faculty members and researchers.

Also this summer, across campus at the School of Journalism, 22 minority high school students representing more than a dozen states will get a realistic reporting experience at the 28th annual AHANA Journalism Workshop taking place at MU July 9-19.

AHANA, an acronym for students of African, Hispanic, Asian and Native American heritage, is an 11-day nationally known workshop that has produced hundreds of successful professional journalists. CBS Anchor/Reporter Russ Mitchell, past AHANA participant, will visit with students at this year's workshop. Other past participants are working at nationally known media outlets such as the Chicago Tribune, Emerge magazine, National Public Radio, the St. Louis Post-Dispatch and the Wall Street Journal.

These two summer programs are examples of how Mizzou is working to provide opportunities for minority and economically disadvantaged students. For Burgos, the veterinary medicine program helped his dream come true. He starts this fall at MU as a first-year veterinary medicine student.

"Armando is just one of the student success stories we have seen since the program began," said Barbara Horrell, program coordinator. "By introducing these students to the full range of experiences they can choose from in the profession, we can enhance their understanding of veterinary medicine, increase their confidence that they can be successful in pursuing these careers, and encourage them to realize their dreams

and become future role models in the field."

Twelve high school students from across the country began a two-week apprenticeship program July 6 in which they observed and participate in basic veterinary medical research, worked in the college's Veterinary Medical Diagnostic Laboratory, and in clinics that specialize in the care of companion animals, livestock, equine medicine and surgery.

A companion program, that began June 8 and runs for six weeks, offers a more in-depth fellowship to 12 college students. A third program allows college students to focus on a current research project at the college.

At the AHANA Workshop, some students will study print journalism, while others will focus on broadcast. They will interview public officials and others on current issues, write in-depth print stories, shoot broadcast-quality videotape footage and edit and produce television pieces.

The theme of this year's workshop is "mentoring." Program director Anna Romero defines a mentor as "a person entrusted with the education of another individual." Mentoring is the basis for the AHANA Workshop and is the key to the future of its participants. These young journalists in the making have very few role models working in the media to look to for guidance, Romero said.

Throughout the workshop, the print students will work on a 16-page tabloid section that will be published on the last day in the School of Journalism's citywide newspaper, the Columbia Missourian. The broadcast students will produce a television project for the workshop.

Summer programs offer opportunities

Internships, workshops provide real-life look at future careers.

While attending college in his native Puerto Rico and in Tennessee, Armando Burgos developed an interest in the welfare of animals and their interaction with humans. It wasn't until he participated last summer in the "Pathways to Success in Veterinary Medicine" program at the College of Veterinary Medicine that he learned which path to

take to reach his goal of becoming a doctor of veterinary medicine.

This summer, Burgos is working as a peer mentor to help other minority and economically disadvantaged college and high school students step closer to their dream of a career in veterinary medicine. The 24 students Armando will be helping are part of a five-year-old program that

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Home-based help

Intervention programs aid Hispanic moms and kids.

Hispanic mothers can make a crucial difference in the success of their children at school, and a Mizzou education researcher suggests that participation in home intervention programs may be key to ensuring that these mothers are able to effectively guide their children toward classroom success.

"Home intervention programs are extremely beneficial for both parents and children, so we need to encourage both

creation of and participation in such programs in communities that have significant numbers of Hispanic families," said Linda Espinosa, associate professor of education. Espinosa presented her findings at the annual meeting of the American Educational Research Association in May.

Her study involved 72 low-income, Spanish-speaking mother-child pairs in San Francisco. About half of the group

participated in a home intervention program designed to help parents gain competence in parenting and create a caring, supportive and nurturing family environment.

"The purpose of the home intervention program was to provide parent support and parent education and to involve families in the schooling process," said Espinosa. "A home visit system was chosen because it allowed program staff to respond to the individual strengths, needs and interests of each family." The program provided weekly one-on-one home visits between families and trained bilingual/bicultural home educators.

Those families who participated in the program exhibited traits that are shown to enhance the chances of success for their children at school. These traits included more verbal interaction, more frequent use of questions and praise, and less negative feedback or disapproval.

Espinosa said that the behaviors learned through the program are similar to the teaching modalities that children will meet in the typical classroom. "If they get the early exposure to educational interaction at home, it is not surprising that these children will be able to excel at school," she said.

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For the complete Course Schedule including class times, see the following URL: <http://www.missouri.edu/~iatstg/calendar.html>

For a complete listing of Course Descriptions, see the following URL: <http://www.missouri.edu/~iatstg/course.html>

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