



May 20

**Summer internships come in all shapes and sizes**

Iowa State students will fan out across the globe this summer, doing everything from distributing mosquito netting in Uganda to maintaining tropical landscapes at SeaWorld.

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**Next stop: Memorial Union**

Two interstate bus lines have made the Memorial Union a stop on their daily routes. Freight service also is part of the new service.

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**Largest mural ever**

The new two-story etched glass mural at the Lloyd Veterinary Medical Center represents the largest mural installation ever on the ISU campus.

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**Transportation hub will become a reality**

The final documents that will make an intermodal transportation facility a reality have been submitted. The collaborative project between ISU and the city of Ames will provide a hub for bus, bike, carpool, commuter, taxi and pedestrian traffic.



Vet Med mural by Michaela Mahady

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**Work begins on Hach Hall-area parking lots**

With the new Hach (chemistry) Hall heading toward completion later this summer, work also has begun to reconfigure two parking lots adjoining the site.

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**Farm research studies more than plants**

Researchers at the ISU Horticulture Station study more than just plants. Long-term studies of painted turtles are some of the

**Announcements**

- Campus computing projects receive funding for FY11
- May 17-21 is national Bike to Work week
- Summer school is under way
- Registration is open for July 12-31 modern dance youth workshop

**Receptions & open houses**

## Retirements

- Bobbie Nurdyke, May 21
- Marilyn Bode, May 26
- Robert Jolly, June 2

**Arts & events**

Streeter exhibit

**Art, in a box**

Work by ISU alumna and current graduate student Paula Streeter is featured in the current exhibition in the Memorial Union Pioneer Room.

**Honors & awards**

- Joel DeJong and Mark Licht

**Around campus**

- Economist analyzes Midwest population trends
- ISU Extension is in the fight to limit the spread of emerald ash borer
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- Baja team competes this week
- Harris calls graduation his 'biggest achievement'

numerous animal research projects conducted at the farm.

Turtle research at hort farm

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### **Open seats in university vanpools**

Retirements have created some vacancies in the vanpools from all four communities currently served: Boone, Des Moines, Roland and Story City.

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#### **Inside tools**

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May 20, 2010

## Students' summer internships come in all shapes and sizes

by Teddi Barron, News Service

For their summer vacations, Iowa State students are fanning out across the globe, doing everything from distributing mosquito netting in Uganda to maintaining tropical landscapes at SeaWorld. They're participating in summer internships, those valuable resume builders that signify practical experience. The importance of internships is multifaceted, said Kathy Wieland, director of Business career services at Iowa State.

"Of primary importance is the opportunity for the student to apply what has been learned in the classroom in a workplace setting. This can confirm the career choice or allow for a change in direction," Wieland said. "Conversely, the employer has the opportunity to 'test drive' the candidate for future opportunities."

And, Wieland said, data indicate that students who intern get better jobs, quicker and at higher salaries.

### Sustainable fashion in Ghana

Hillary Van Ham's work this summer on product development with Global Mamas in Cape Coast, Ghana, is worlds away from last summer's merchandising experience in a Chicago dress boutique. Van Ham is one of three Iowa State apparel merchandising, design and production majors interning with the nonprofit, fair trade clothing organization that helps women in Africa become economically independent.

To land the internships, seniors Van Ham, Batavia, Ill., and Jessica Galasso, Des Moines, networked directly with Global Mamas, following a lead from Ann Thye, their academic adviser. Both students had expressed interest in fair trade and sustainable fashion. Although the experience will boost their resumes, it won't augment their incomes. The eight-week volunteer stint is unpaid.

Still, said Thye, it's a win-win for the students. They can put their class work to good use in the global fashion industry while learning from an organization that combines good business practice and artisan collaboration to support sustainable development. The students also earn class credit for completing projects like designing garments, hand dyeing textiles and improving the supply chain.

### On two continents

Nicholas Hodne, an international business and management major from Ankeny, is splitting his 13-week Tyson Foods internship between Arkansas and China. Hodne scored the unpaid job by



Senior Hillary Van Ham will spend eight weeks this summer in Cape Coast, Ghana, working on product development for a fair trade clothing organization that helps African women become economically independent. *Photo by Bob Elbert.*

**A year at the ballpark**

Marketing major Tyler

networking with contacts he made at a career fair. In Shanghai, he'll spend time in each area of business operations. In Arkansas, he'll work with the international legal and marketing teams, his two primary career interests.

"The experience I will gain is priceless," said Hodne, who plans to pursue a combined law/MBA graduate program. "An experience like this will really help me stand out from other grad school and job applicants."

### **Self-designed internship**

Darrin Vanderplas created his own internship opportunity in Kamuli, Uganda, where he will intern with the non-governmental organization Volunteer Efforts for Development (VEDCO). The agronomy and kinesiology senior from Preston, Minn., collaborated with VEDCO during ISU's school garden service-learning course in Uganda two summers ago.

"This experience was so influential in the development of my goals, that I proposed this internship to VEDCO and the kinesiology department," said Vanderplas, who plans on serving in the Peace Corps with his wife after graduating in May 2011.

During his 10-week unpaid internship, Vanderplas will assist a community nutrition and health worker in providing education and training in agriculture and health. They'll work on anything from "promoting nutrient-dense crops to distributing mosquito netting."

### **Graphics work for *House Beautiful***

Past work experience and portfolio samples from Meredith Corp. in Des Moines launched graphic design major Gail Dixon into a plum internship with *House Beautiful* magazine in New York City. The senior from Grimes will work for the promotional art director. Although the internship is unpaid, she'll earn class credit. And she'll come away with "many pieces for my portfolio."

"I'll be working on the design of promotional pieces for Kitchen of the Year," Dixon said. "*House Beautiful* builds a full kitchen in Rockefeller Center that is featured on NBC's *Today* show and open for tours."

### **Orlando-bound**

Another graphic design student, Ryan Bickford of Ottumwa, tracked down his unpaid 10-week internship online. He'll be at Nickelodeon Recreation Creative Studio in Orlando, working on print promotions for Nickelodeon's theme park, resort and traveling live shows. The only graphic design student in the nation selected for the internship, Bickford said the internship is "costing me money," but worth it because "working in a place that is creative and fun and uses radical

Hendricks, Maple Grove, Minn., may have landed his dream internship: He's one of four student interns working 12 months at the Minnesota Twins' brand new Target Field in Minneapolis, processing tickets and working with promotions.

The internship pays minimum wage (plus overtime -- which is significant because he's been working seven days a week). Hendricks worked with the Houston Astros last semester.

After graduation in December 2011, he'll pursue a career in the majors, hoping someday to work in the front office of a baseball organization.

"These internships have allowed me to get my foot in the door and create lasting networks that will hopefully lead me to get a job after graduation. And they have given me valuable experience," Hendricks said. Not to mention that it's "been extremely busy

design" will be a big resume-builder.

but loads of fun."

Horticulture student Laura Klavitter, LeClaire, will be nearby at one of SeaWorld's three Orlando parks. In her paid internship, she will maintain high-end, colorful tropical landscapes. She'll help install new plantings, care for hundreds of hanging baskets and plants, maintain topiary presentations, and "learn how to handle high-guest capacity challenges in the landscaping industry." It's a perfect job for Klavitter, who graduates in December.

"SeaWorld would be my ideal career choice, but I'm keeping my options open," Klavitter said. "It ties into my passion to work with tropical plants and provides the experience of creating themed displays in a well-known, high-capacity park."

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## **MU added to interstate bus services**

by Erin Rosacker

Beginning last week, two interstate bus lines, Jefferson Lines and Burlington Trailways, made the Memorial Union a stop on their routes. Three southbound buses, three northbound buses and two eastbound buses are stopping daily on the north side of the MU.

Gail Ferlazzo, MU associate director, said the bus stop location will move to the west side of the MU on June 1 to avoid traffic congestion with CyRide buses. There also are plans to sell bus tickets at the hotel front desk, likely to begin June 7. Freight service for package delivery to or from the MU also will be an added service.

The MU stop is intended to serve as an interim bus depot for travelers until an **intermodal transportation facility** is operational (in approximately two years). The new facility, a collaborative effort between ISU and the city of Ames, will be funded by \$8.4 million in federal grant money.

"Once the intermodal facility is established near Campustown, the regional bus service and the Executive Express airport shuttle service will change their site locations to the new facility," Ferlazzo said. "Until then, we ask for everyone's patience as we add to the traffic congestion that already surrounds the MU. We hope that the addition of these services will be just one more amenity that draws people to the MU."

For now, the MU's second-floor main lounge is serving as a passenger waiting area. Until ticket sales are available at the MU, passengers can purchase tickets on the **Jefferson Lines** and **Burlington Trailways** websites, or board the bus at the MU and purchase tickets at the next available bus station with ticket sales along the route.

The current schedules are:

### **Southbound to Kansas City (Jefferson Lines, \$27-\$45)**

12:25 a.m., arrives 4:30 a.m. in Kansas City (1:05 a.m. in Des Moines)

12:55 p.m., arrives 5:15 p.m. in Kansas City (1:40 p.m. in Des Moines)

5 p.m., arrives 9:15 p.m. in Kansas City (6 p.m. in Des Moines)

### **Northbound to Minneapolis (Jefferson Lines, \$29.40-\$49)**

12:15 a.m., arrives 5:25 a.m. in Minneapolis

11:45 a.m., arrives 4:50 p.m. in Minneapolis

4:15 p.m., arrives 8:15 p.m. in Minneapolis

### **Eastbound to Chicago (Burlington Trailways, \$38.25-\$51)**

10 a.m., arrives 7:05 p.m. in Chicago (12:10 p.m. in Cedar Rapids)

\*5 p.m., arrives 5:25 a.m. in Chicago (6 p.m. in Des Moines)

*\*Jefferson Lines route to Des Moines*

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### **New mural largest ever**

The new two-story etched glass mural on the east side of the new Lloyd Veterinary Medical Center represents the largest mural installation ever on the ISU campus. Minnesota artist Michaela Mahady (shown) created *The Healing Tree*, a flora and fauna-filled illustration of the relationship among plants, animals and humans. Other Mahady panels relate the history of veterinary medicine along the north/south corridor of the small animal clinic and depict a series of running horses in the equine center.

Mahady's popular murals also grace LeBaron Hall auditorium (*Procession*) and the dairy farm visitors center (*River of Milk*).

*Photo by Bob Elbert.*

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Facility concept rendering. *Contributed image.*

## Transportation hub will become a reality

by Erin Rosacker

The ink still is drying on signatures that make an Ames intermodal transportation facility a reality. Funded by a federal grant, the final forms for the project were submitted to the Federal Transit Administration on Monday. The facility will be located between Sheldon and Hayward avenues near Campustown, alongside College Creek. Vehicles will be able to enter it from both streets.

The facility -- a collaborative effort between ISU and the city that will provide a transportation hub for bus, bike, carpool, commuter, taxi and pedestrian traffic -- received \$8.463 million in federal grant money, about 20 percent of the original \$43 million request. Organizers also secured additional Congressional and local matching funds (\$437,500) for the project.

Organizers went back to the drawing board and developed a phased project that could expand the facility as future funds are acquired. The first phase includes:

- Enclosed bus bays (Jefferson Lines, Burlington Trailways, Executive Express and Heartland Senior Services)
- Taxi stand
- Bike path access, including bike racks and lockers
- Two-level parking ramp, above the bus bays
- Additional paved parking areas
- Public restrooms, possibly with showers
- Office space for management and security
- Pocket park

CyRide will manage the facility, but will not be part of the interior bus bays. CyRide bus service will

be available at two bus stops each within a block of the facility, and the addition of the local service is part of the phased plan.

The office space will accommodate staff who will manage the facility and, possibly, officers from the Ames and ISU police squads.

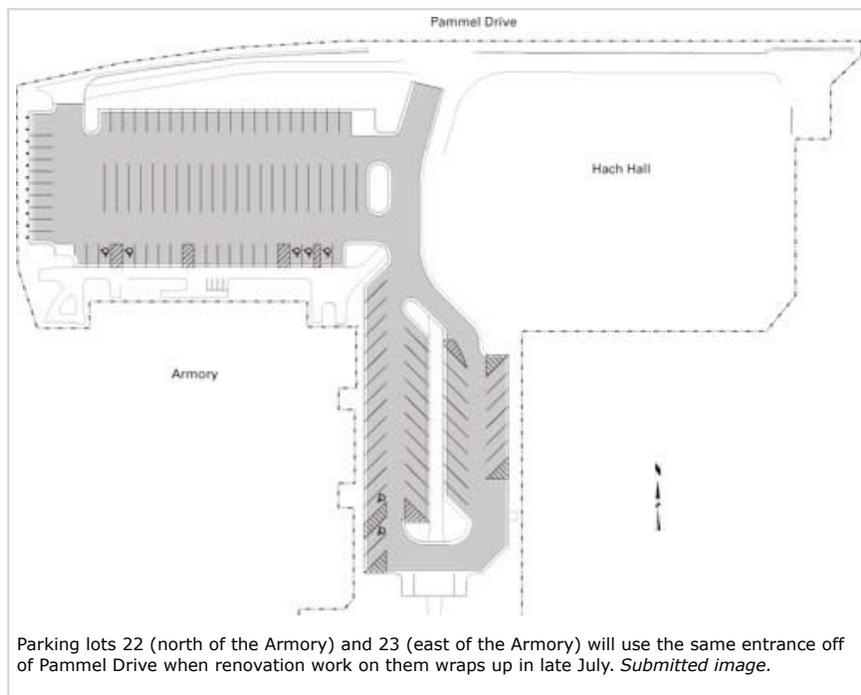
### **The numbers**

Bids are expected to go out next January. If the economic climate allows the project to get more bang for its construction buck, plans for an extended bike path or an additional level to the parking deck could become a reality.

Even without an additional parking deck, the facility will accommodate 399 vehicles in the parking ramp (305) and open areas (94). A combination of parking permits and daily rates likely will be used.

According to the submitted plan, the transportation hub will be designed with LEED® certification in mind. The anticipated project schedule shows an April 1, 2011, construction start date with occupancy by June 1, 2012.

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## Changes to Hach Hall-vicinity lots should be done by Aug. 1

by Anne Krapfl

The sidewalks are in. The lawn is graded. The interior finishing work is picking up steam. With the new chemistry facility, Hach Hall, about 85 percent completed, work on the adjacent parking lots also began last week.

### Lot 23

Back in June 2008, Lot 23, between Davidson Hall and the Armory, became first a construction zone for additional underground utilities and later a staging area for the building construction. Formerly, it was a reserved permit lot for 104 vehicles. When it reopens, around July 1, it again will be a reserved permit lot, containing 42 stalls -- 40 regular and two handicap accessible stalls.

Employees who parked in lot 23 prior to June 2008 will have the first chance to return to that lot, said Mark Miller, manager of the parking division in the department of public safety. Employees on that list who don't get one of the 42 spots will be on a waiting list. Miller said he'll start a second waiting list, based on seniority at the university, of other employees interested in a lot 23 permit.

### Lot 22

When lot 23 is open, work will move to Lot 22, also a reserved permit lot, on the north side of the Armory. It will be enlarged and reconfigured to add stalls, from the current 76 stalls to 97 -- 92 regular and five accessible. Lots 22 and 23 will share a single entrance off of Pammel Drive. This work should be completed by late July. Current lot 22 permit holders will be asked to park in lot 21, the pre-pay lot

on the west side of the Armory, during this process.

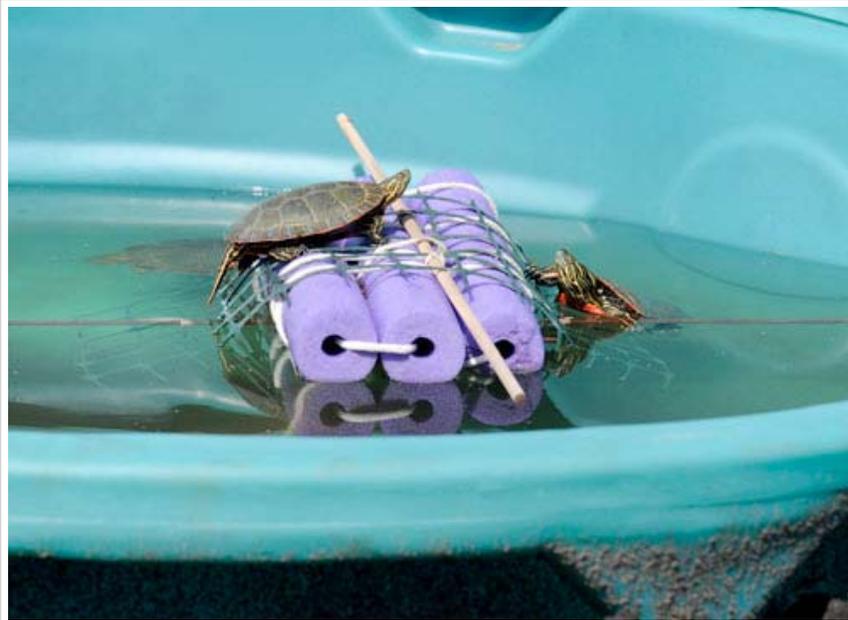
Miller said quite a few employees will move from lot 22 to 23 when it reopens. Due to this migration and the additional spaces to be created in lot 22, he anticipates that approximately 25 stalls would be available there on a first-come, first-served basis.

Miller also noted that if the demand isn't great enough to fill lot 22 with reserve permits, his staff will look at other options to make optimal use of the space. Those options could include general staff permit spaces, meters or additional vendor/departmental permit stalls.

When Hach Hall opens and the reconfigured lots 22 and 23 are completed, Miller said the net effect will be a loss of about 40 stalls in this block of campus from the pre-construction period. But, he noted that in anticipation of the Hach Hall project, the parking division hadn't assigned any new permits in lots 22 or 23 during 2007 or 2008. Thus, neither was at capacity when construction began.

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A newly fenced off area at the ISU Horticulture Station is devoted to researching the effects of temperatures on the development of young painted turtles. It is one of many animal studies taking place at the farm near Gilbert. *Photos by Bob Elbert.*



## Farm research studies more than plants

by Erin Rosacker

Some of the research at the ISU Horticulture Station, just north of Ames near Gilbert, has nothing to do with plant life. For example, Fred Janzen, a professor in ecology, evolution and organismal biology, and his lab group are conducting field experiments with turtles.

Thousands of turtles populate the 230-acre farm, including hundreds of lab specimens located in the aquatic research ponds. A fenced area near the 15-acre lake contains stock tanks buried to ground level. The tanks hold newly hatched and young painted turtles. Nearly 500 eggs are incubating in the lab now, and will be added to the research area. Daniel Warner, a postdoc working under Janzen, is studying the effect of temperatures on the development of the embryos and young turtles. Turtle maturation takes three to five years, and adult painted turtles can live up to 40 years.

Jeanine Refsnider, a doctoral student working with Janzen, is researching the nesting behaviors of painted turtles. The turtles have temperature-dependent sex determination, which produces male offspring when temperatures are cold during embryonic development, and vice versa. Located at the farm's aquatic ponds, Refsnider's experiments focus on the adaptation of turtles from different U.S. climates and how they might change their nesting habits to ensure both male and female offspring.

Janzen, who has been researching turtles since coming to ISU in 1994, recently moved some of his projects to the Hort Station facility.

"Besides the wonderful folks in charge, what's also great about the Hort Station is that it uniquely possesses large experimental ponds, a series of experimental tanks, and related resources associated with the Aquatic Research Facility that was initiated by the College of Agriculture and Life Sciences there about 5 years or so ago," Janzen said.

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## University vanpools have vacancies

by Anne Krapfl

If you commute to campus from beyond Ames and are nervously watching the price of gas creep up again, ISU's transportation services invites you to consider joining one of the university vanpools. The high number of retirements and early retirements this year has created vacancies in the vanpools from all four communities currently served by the service: Boone, Des Moines, Story City and Roland.

### More info

- [Vanpool website](#)
- [Van poolers share driving, costs](#) (Jan. 2009 story)

Participants pay a monthly fee that covers the vehicle, gas, insurance, a campus parking permit and a weekly service check by transportation services mechanics. That monthly fee, which currently ranges from about \$55 to about \$85 depending on the distance, is deducted from riders' paychecks.

Transportation services manager Kathy Wellik said riders in the same van need to have similar and constant work schedules, but other details, such as pickup locations or drivers, are negotiated among the members.

Wellik also said transportation services would like to extend the vanpool service to employees from communities not currently being served, such as Ogden or Nevada. She said four to five commuters are necessary to organize a vanpool. For more information about an existing vanpool or creating a new one, call 4-1657 or e-mail [kwellik@iastate.edu](mailto:kwellik@iastate.edu).

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### **A box for everyone**

ISU alumna and current graduate student Paula Streeter's exhibition, "Contained Within," is on display in the Memorial Union Pioneer Room through May 26. It features more than 80 boxes, each containing a scene built of found objects, images and papers. The artwork is installed in the room in an unconventional style, clustered in the corners and dissipating in number on the walls. *Photo by Bob Elbert.*