



Aug. 5

**A sneak peek at Hach Hall**

The chemistry faculty is upbeat about the opportunities new Hach Hall will bring to their department and university. The building opens Aug. 23.

Aug. 5

**ISU shows off cardinal, gold and green at the fair**

Iowa State will highlight its green initiatives at the Iowa State Fair, Aug. 12-22. Fair-goers will learn how ISU is reducing waste, saving money and creating a more sustainable future. And, yes, there will be temporary I-State tattoos.



Aug. 5

**Campus dining attains traylessness**

Two longstanding fixtures in college dining rooms, cafeteria-style lines and dining trays, have been eliminated from ISU Dining's three residential dining centers.

Aug. 5

**'E-cycling' saves landfills, dollars**

"Green Your Scene" efforts have kept nearly 11 tons of electronics from littering landfills, and also has saved the university some money along the way.

Aug. 5

**Regents meeting on campus this week**

A 400-seat auditorium teaching facility, additional research space for the new horticulture greenhouses, a new undergraduate degree for the College of Design and a customized computer system for C6 are among ISU agenda items when the state Board of Regents meets Aug. 5 in the MU Sun Room. The public meeting begins at 8:30 a.m.

Aug. 5

**65 approved for RIO3 retirement plan**

Officials recently updated P&S Council on the RIO3 retirement plan, searches for a veterinary medicine dean and a vice president for extension and outreach, and the promising enrollment outlook for fall.

**Announcements**

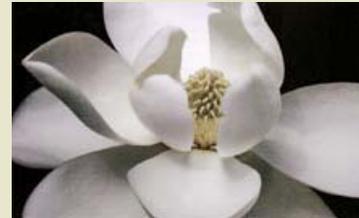
- 13th Street pavement work changes lanes Aug. 5
- UNI hosts SEO seminars, including one webinar
- Cooking with herbs is topic of brown bag event
- Summer undergrad research poster session is Aug. 6
- Museum sites closed Aug. 9-22
- ISU climbs to 48th in scholarly web presence
- Register for teaching seminar, new faculty orientation Aug. 17-18

**Receptions & open houses**

Retirement

- Karen Larson, Aug. 6

**Arts & events**



Prints for rent

**A new look for your digs**

Lease framed art at the MU's annual art lending open house, Aug. 10-11

**Honors & awards**

- Steven Hoff
- Walter Trahanovsky and John Verkade
- Ann Marie VanDerZanden

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Conference room on the second floor of Hach Hall. *Photo by Bob Elbert.*



An organic chemistry teaching laboratory on Hach Hall's first floor. *Photo by Bob Elbert.*

## Chemistry department expects big boost from Hach Hall

by Mike Krapfl, News Service

"This facility will allow us to recruit the best students and the best faculty," said Keith Woo, professor and associate chair of chemistry, during a recent tour of the just-completed Hach Hall.

The three-story, \$78 million building, which opens when the semester begins Aug. 23, includes teaching labs, research areas, faculty offices and meeting rooms. The department also retains its home base of Gilman Hall, constructed in 1914.

On Hach's main level are two organic chemistry teaching labs, each large enough for 28 students. Just outside the labs are teaching rooms in which teachers and students can discuss experiments. Next door is an instrument room where students have access to sophisticated technology, including nuclear magnetic resonance, infrared and ultraviolet-visible spectrophotometry equipment.

Down the hall are smaller teaching labs for chemistry, biochemistry and chemical engineering majors.

"These facilities will really improve the undergraduate chemistry learning experience," Woo said.

Research programs in analytical and physical chemistry are moving into the Hach basement. The north half of the building will house labs for existing research programs. In the south half, the chemistry department has left a huge cavern unfinished. The space will be reserved for new faculty who will have the option to design their own labs around their instrument and research needs.

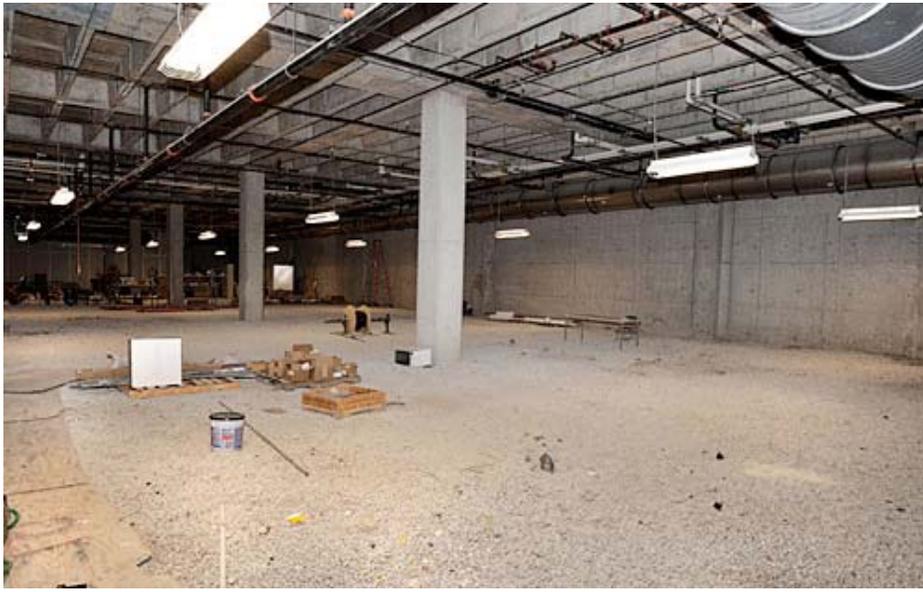
The building's nearly identical second and third floors feature faculty offices and large conference rooms at the west end. Down the hall are modular labs for synthetic chemistry research, all with similar layouts and equipment, and designed for four- and six-person research units. About 10 faculty members are scheduled to move in over the fall semester; five or more new faculty will move in as they're hired.

Woo said the building was built with environmentally friendly practices and equipped with low-flow ventilation hoods, heat exchange systems, materials from local sources and many other features that boost efficiencies. The university will pursue LEED certification for Hach from the Green Building Certification Institute.

The building will be formally dedicated on Oct. 8.

"We are extremely grateful to the state of Iowa, many private donors, the Carver Trust and, of course, the Hach family for providing us the means to construct this outstanding, state-of-the-art facility. Hach Hall is an outstanding facility that not only provides the finest infrastructure for teaching and research, but is also as environmentally friendly as a scientifically intensive building can be."

Jacob Petrich, professor and chair of chemistry



An unfinished half of the Hach Hall basement awaits the specifications of future faculty members. *Photo by Bob Elbert.*

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## Living green at the Iowa State Fair

by Annette Hacker, News Service

It's cardinal and gold ... and green.

Visitors to Iowa State's state fair exhibit will see how students, faculty and staff are using less energy, reducing waste, saving millions of dollars, and creating a more sustainable future.

"Iowa State is Living Green!" is the theme of this year's fair exhibit, said university marketing director Carole Custer. Custer said she and the dozens of Iowa Staters staffing the exhibit are eager to share success stories of the university's Live Green! initiative.

"I think Iowans are going to be surprised at the variety of individual and collective action happening all over campus, and the creativity of those efforts," Custer said.

Merry Rankin, director of sustainability programs, is a partner in the exhibit. Rankin added, "As Iowa State strives to become a national leader in sustainability, we're discovering that little changes can make a big difference in reducing our global footprint. We're proud of what has already been accomplished, and excited about how much more we can achieve."

### What you'll see

Walk through this year's display, and you'll see a visual potpourri of those efforts:

- A live tree
- Stacks of now-obsolete dining hall trays (not using them has already saved the equivalent of 50,000 meals)
- Clothes and other good stuff recycled by students living in campus housing (they diverted 18.5 tons of material in six months)
- And look for the giant "I" "S" and "U" letters, repurposed after they were removed from Jack Trice Stadium

Informational towers in the exhibit will tout the green momentum building on ISU's campus -- from composting to green cleaning, and environmental design to wind energy to using local foods in the dining centers. Fairgoers can share their ideas and post ways they are "living green" for all to see.

Iowa State's BigBelly solar trash compactor -- the state's first -- also will be on display. It has reduced trash pick-up at its central campus location from two to three times per day to just once a week. And that brought down collection costs by 90 percent.



### Did you know?

Ten facts about university efforts to conserve natural resources

Team PrISUm's 2010 solar car, Anthelion, will be on display, too -- as well as one of Iowa State's four electric vehicles regularly used to move people and supplies on campus.

As always, Iowa State's exhibit will be in the northeast corner of the air-conditioned Varied Industries Building. The fair runs Aug. 12-22, and the building is open daily from 9 a.m. to 9 p.m.

### **A Cyclone fan's paradise**

Visitors to the booth can pick up Cyclone football posters and schedules, get their free I-State temporary tattoos applied, and register to win tickets to a Cyclone football game or the Chris Cagle concert at the Iowa State Center Sept. 1. The Insight Bowl and Cy-Hawk trophies will be on display. Women's basketball head coach Bill Fennelly and several team members will be on hand Thursday, Aug. 19, from 2 to 4 p.m. to greet fans and sign autographs. University Book Store staff will sell Iowa State merchandise in the exhibit.

### **4-H: Growing and learning at the fair**

Just like lemonade and corn dogs, 4-H is a mainstay at the Iowa State Fair. The 4-H Exhibits Building will be filled with youth projects and displays. Rocket-building, woodworking, skits, speeches and fashion shows are just a few of the activities visitors can take in -- and they may learn something, too.

Fairgoers can watch popular 4-H competitions on select days:

- Top flicks in the Iowa 4-H Film Festival may be viewed from 7 to 9 p.m. on Aug. 13.
- Teams will design and program robots during a real-time robotics challenge from 8 a.m. to 1 p.m. on Aug. 15. Teams will face two engineering tasks: one that uses a robot kit and the LEGO Mindstorms© NXT platform; and another that will test their ingenuity using common junk drawer contents.
- "Cook This!" is a youth culinary challenge in which teams demonstrate their kitchen know-how and meal prep creativity. Junior, intermediate and senior level teams will compete the mornings of Aug. 17-19. The winning senior team's recipes will be tested in the Better Homes & Gardens test kitchen. Those winners also will receive VIP tours of Meredith Corp.'s Des Moines headquarters, and their story and recipes will be featured in *Successful Farming* magazine.
- Prom dresses and blue jeans will collide Aug. 20-21 during the "Stitch This!" event, in which 13 youth teams will deconstruct garments and create new designs that will be modeled in a runway show. Members of the grand-prize winning team will receive \$500 scholarships to attend the College of Human Sciences.

### **Fair on air**

Iowa Public Radio's Katherine Perkins and John Pemble will travel to the state fair to produce segments that will air on *The Exchange* (Aug. 17, noon-1 p.m.) and *Talk of Iowa* (Aug. 19, 10-11 a.m.).

### **Creature comforts**

Iowa State veterinarians are serving in important roles at the state fair. Dr. Bruce Leuschen, university veterinarian, will be caring for animals in the Paul R. Knapp Animal Learning Center. He and four, fourth-year veterinary medicine students will work a 24/7 rotation, providing healthcare and watching the animals closely for any heat-related ailments.

Dr. Ken Waller, adjunct instructor in veterinary clinical sciences, will use ultrasound to examine udders of the fair's top-placing lactating dairy cows to detect violations and validate the judging. He has done udder ultrasound at shows in the United States and Canada since 1999.

And Iowa State's VSMART chapter -- the Veterinary Student Mixed Animal Recruitment Team -- will assist with the fair's popular Vet Camp program. The program encourages children to learn about animal health and welfare, and gives them an idea of what it's like to be a veterinarian. That meshes well with the VSMART students' goals, which are to address the rural veterinarian shortage and encourage students to consider mixed animal veterinary practice.

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## Trayless dining is the standard for ISU Dining

by Anne Krapfl

For the first time, freshmen arriving on campus this fall won't be introduced to two longstanding fixtures in college dining rooms -- cafeteria-style lines and dining trays. Both have been eliminated from ISU Dining's three residential dining centers: the Union Drive Marketplace, Seasons in the Maple-Willow-Larch commons and the just-opened Conversations, the renovated facility at Oak-Elm residence halls.

Trayless dining has been shown to reduce food waste while conserving water and the human labor needed to clean trays. Without a tray to load up with plates and cups, students tend to take what they can carry -- and eat -- which means less food ends up in the garbage.

ISU Dining director Nancy Levandowski said a student study last year showed twice as much food waste per person at the Union Drive Marketplace, in its final year of trays, as at Seasons, which piloted trayless dining on campus. Levandowski said food costs also were 3 percent less at the Maple Willow Larch facility.

Technically, the ISU campus qualifies for the trayless designation because its all-you-care-to-eat venues are trayless. ISU Dining's cafes will continue to have trays available, but food waste is less of an issue there, Levandowski said.

"When you're buying items individually, you tend to eat what you paid for," she said.

ISU Dining adds its food waste to the university's compost facility at the new dairy farm south of Ames. This summer, food pulpers were added to the dishwashing room in the Union Drive and Oak Elm dining centers. The renovated Maple-Willow-Larch dining center opened with one last summer.

Levandowski said pulpers don't change what qualifies for composting in the dining centers; just the format it's in when it's transported to the composting facility.

### Where's the line?

Cafeterias with "the line" have been replaced by dining centers that feature a half dozen or more stations at which a variety of entrees and side dishes are prepared and served. Levandowski said it's how student dining has evolved. But she's also quick to note that dining is a student service.

"This is their program. Last year, more than 3,300 students who weren't required to, voluntarily purchased meal plans (up from 2,700 the year before)," she said. "Not every student gets exactly

"Last year, more than 3,300 students who weren't required to, voluntarily purchased meal plans (up from 2,700 the year before)."

Nancy Levandowski, ISU Dining

what they ask for, but this is a service we provide.

"My job is to listen to the requests (from a campus food committee), tell them what it will cost to put it in a meal plan, and then ask if they still want it."

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## 'E-cycling' saves landfills, dollars

by Paula Van Brocklin

The university's "[Green Your Scene](#)" efforts this summer so far have diverted 21,741 pounds of electronics from landfills. Campus crews also collected about 11 tons of [mixed paper](#) in June, and still are gathering unused paint for disposal. Look for an update in next week's *Inside Iowa State* on the paint collection campaign, which concluded July 30.

### Electronics recycling

Since June 1, ISU surplus has donated nearly 11 tons of computer monitors, keyboards, printers, scanners and other plastic electronics to the Apple computer company's free education recycling program. The initiative not only keeps electronics from littering landfills, it saves the university money.

Normally, ISU pays a collection service to dispose of its used electronics. So far, the Apple program has saved ISU about \$1,500. One or two more shipments to Apple are planned before the end of August. If you have old electronics lying around your office, contact Mark Ludwig, ISU surplus, at 4-7300 before the end of August to have your items included in the shipments.

An excess property disposal form is required for items with an ISU inventory number. The form is available on [central stores' website](#) (click on "inventory control" in the left column, then "excess property form").

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## **New lecture hall, industrial design degree are among ISU requests to regents this week**

by Anne Krapfl

The state Board of Regents will meet Aug. 5 in the Memorial Union Sun Room. The meeting begins at 8:30 a.m. The [agenda, with supporting documents](#), is online at the board's website. A meeting summary will be posted on *Inside Iowa State*.

Among the items Iowa State submitted for regent approval are requests to:

- Construct a 400-seat auditorium building east of Horticulture Hall to add a state-of-the-art lecture hall to the general university classroom inventory
- Add a bachelor of industrial design degree program in the College of Design
- Sell \$28.2 million in academic building revenue bonds to complete the financing of Hach Hall and to fund part of the small animal hospital renovation/addition project
- Sell 38 acres of farmland south of Ames to the Committee for Rural Development, a nonprofit affiliate of the university
- Approve \$1.4 million in FY11 Grow Iowa Values Fund proposals
- Add 2,100 square feet and \$590,000 (private gifts) to the horticulture greenhouse project/budget
- Purchase a \$3.2 million computer system (customized large-scale virtual reality display and tracking system) for the C6 facility needed to complete projects awarded to ISU by the U.S. Army and U.S. Air Force
- Begin design work to replace existing boilers at the Jacobson and Olsen athletics buildings and the College of Veterinary Medicine with high-efficiency boilers to reduce energy costs

Also on the agenda are presentations to the board by Steve Carter, president of the ISU Research Park; and psychology professor Gary Wells.

The board met Aug. 4 in a closed session to complete annual evaluations of the three regent university presidents and board executive director Robert Donley. The board will discuss FY11 compensation for these four individuals when it meets Aug. 5.

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## **65 approved for RIO3 retirement plan**

by Diana Pounds

Sixty-five people have been approved for Iowa State's latest retirement incentive option (RIO3), Mike Otis, associate director of human resources, told the Professional and Scientific Council during its Aug. 3 meeting. He noted that a few more applications may be approved soon. The deadline for applying to the program was Aug. 1.

RIO3 is similar to two previous retirement incentive options (RIO and RIO2) with a new option -- employees who currently are enrolled in TIAA-CREF can choose five years of employer-paid retirement contributions. Or, as with the previous plans, they can opt for five years of health care coverage.

Otis reported that 60 percent of employees enrolling in the plan chose the health and dental care coverage and 40 percent, the retirement contribution. Of the 65 enrolled in the plan, 30 are P&S staff, 26 are merit staff and nine are faculty members. Thirteen of those enrolling in the plan previously had been approved for the RIO2 plan and switched to RIO3.

RIO3 enrollees must retire by Dec. 31.

### **'Workplace resiliency' sessions**

Otis also reported to the council that ISU's new employee assistance provider -- Employee and Family Resources, Des Moines, -- will offer three one-hour sessions on "resiliency in the workplace" on Sept. 8 (noon), Sept. 21 (4 p.m.) and Oct. 5 (noon). Watch the [human resource services](#) website for details and online registration.

### **Dean, VP searches under way**

In other business, executive vice president and provost Elizabeth Hoffman reported that the search for a new dean of veterinary medicine is under way, with campus visits likely in the fall, and that the search for a new vice president for extension and outreach is just beginning.

Hoffman also said that ISU officials are looking forward to another near-record enrollment this fall.

### **Tuition reimbursement deadline nears**

In her report to the council, associate vice president for human resource services Carla Espinoza reminded P&S staff of the Aug. 15 application deadline for those who wish to seek tuition reimbursement for classes taken this fall.

### **Next meeting**

The next P&S Council meeting is Thursday, Sept. 2 (2 p.m. Pioneer Room, Memorial Union). ISU Alumni Association president Jeff Johnson will be the featured speaker in an open forum preceding

the meeting (noon, Campanile Room, MU).

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