

### **Colts defensive captain Gary Brackett to speak at Ball State on overcoming adversity**

Indianapolis Colts defensive captain and member of its 2006 Super Bowl championship team Gary Brackett will visit Ball State University on Feb. 23 to share his story of overcoming adversity, both on the gridiron and in his personal life.

On the field, Brackett has certainly had to battle his share of misfortunes, including a leg injury last season that caused him to miss part of the regular season and the playoffs. Losing his mother, father and brother within a 16-month period however, has taught him how to deal with hardships off the field as well.

Gary Brackett's Impact Foundation, which provides opportunities and resources to children affected by cancer, and a football camp that he conducts each summer for kids in his hometown of Glassboro, N.J., are opportunities for Brackett to help others conquer adversity.

The event, co-sponsored by Student Life and the Multicultural Center, begins at 7 p.m. in Pruis Hall and is free and open to the public.

### **Four architecture students named Indiana Architectural Foundation Scholars**

Four Ball State University students from the College of Architecture and Planning (CAP) have been named Indiana Architectural Foundation Scholars.

This year, the Minority and Disadvantaged Student Academic Scholarships, which are funded by American Architectural Foundation (AAF) and administered by the Indiana Architectural Foundation (IAF), provide \$1,000 to the state's most academically deserving students.

The winners, who are all graduate students studying architecture, are:

- Djamel Charmat Jr.
- Emile Dixon
- Shanshan Li
- Clare Ros

Since coming to Ball State, Charvat's studies include an emphasis on sustainability. This summer, he participated in the university's U.S.-Brazil Consortium, a program that promotes interaction with different cultures to further explore the social aspects of sustainability.

Dixon spent his childhood in Jamaica, where he began his lifelong interest in architecture. He participated in CAP's "Midwest Distress Tour," which studied widespread physical distress of the built environment in inner city communities.

Li completed her undergraduate studies at Shenyang Jianzhu University in China. She has found it enormously challenging to adapt to a new culture and environment and hopes to use the scholarship to assist her transition to Ball State.

Ros believes it is imperative that more women, minorities and individuals of diverse cultural backgrounds are empowered to learn, practice and educate themselves in the field of architecture. She hopes to develop her critical thinking abilities and hone her skills as a designer.

IAF is a nonprofit organization that supports architectural education, public awareness of architecture and preservation of architectural heritage. Based in Washington, D.C., AAF educates individuals and communities about the power of architecture to transform lives and improve the places where people live, learn, work and play.

### **More professionally certified chemists graduate from Ball State**

The top school in the state and one of the best in the nation for graduating students with degrees in chemistry certified by the American Chemical Society (ACS) is Ball State University.

In its latest report for 2006-07, ACS lists Ball State's chemistry department as producing a total of 44 graduates with bachelor's degrees in chemistry, with 21 being certified by the organization, which counts 648 member institutions in the United States.

Overall, Ball State ranks 57th nationally for total number of students receiving undergraduate chemistry degrees and 38th in producing students with ACS-certified degrees.

The impressive results are no accident or coincidence, said Patricia Lang, chemistry department chair, who explained that faculty in the department have worked diligently over the last decade to increase the number of ACS-certified graduates. They also reflect an emerging trend toward more students in science. According to ACS, the number of bachelor's degrees conferred by all U.S. colleges and universities certified by the organization rose to 12,888 for 2006-07, a 6.3 percent over the previous year. "Ball State has taken a leadership role attracting high-ability students as well as developing relationships with many of the top corporations in our field throughout the

Midwest," Lang said. "The ACS-certified degree helps ready our students for graduate school, research and positions in the industry."

An ACS-certified degree signifies that a student has completed an integrated, rigorous program that includes introductory and foundational course work in chemistry and in-depth course work in chemistry or chemistry-related fields. The certified degree also emphasizes laboratory experience and the development of professional skills needed to be an effective chemist.

Lang said certification also clearly labels a student as a serious scientist, assisting in the transition from undergraduate preparation to professional studies or employment. "We feel our mission as educators is critical in development of future technologies that will have a positive impact on our state's economy," she said. "We believe we are producing students who are highly marketable and will immediately contribute to Indiana's economy."

### **WIPB-TV will not delay digital switch**

WIPB Public Television will discontinue its analog broadcast signal at midnight on Tuesday, Feb. 17. Although Congress recently granted an extension to stations allowing them to continue analog transmissions until June 12, financial constraints led to the local PBS affiliate's plan to cease its analog signal on the original shut-off date.

"As with many community businesses, WIPB is addressing the challenge of rising costs and declining revenue," stated Alice Cheney, general manager. "In order to preserve the high quality programming our viewers have come to expect, we are cutting costs anywhere we can. We are leaving no stone unturned.

"While we can empathize with many of our community members who may not yet be ready for the digital conversion, the cost of continuing to carry the analog signal along with our digital signal is prohibitive for WIPB. The electric costs alone for using the analog signal from February until the new June date would be \$30,000. As a public television station, we simply don't have the financial resources to continue our analog signal beyond Feb. 17."

Other costs associated with the analog signal include maintenance of WIPB's tower and transmitter. The current analog signal transmitter was purchased in 1977, explained Cheney, adding that a replacement tube purchased (used) a few years ago cost \$7,500. As long as WIPB continues to use its analog signal tower, the station also is responsible for maintaining the tower lights; they were hit by lightning a year ago and repaired at a cost of \$10,000.

WIPB began transmitting its digital signal on Oct. 31, 2005, which has expanded the station's reach into the Indianapolis metro area, western Ohio and as far north as Fort Wayne. With the digital signal, WIPB can now be seen in as many as 1 million households, reaching a total population of 2.4 million people.

In addition to expanding WIPB's audience, digital television (DTV) enables the station to transmit programming with higher resolution — meaning dramatically better picture and sound quality — than what is available on the current analog system. DTV also gives the station greater ability to "multicast" or transmit several different programs at once between two digital channels. For programming information, visit [www.bsu.edu/wipb](http://www.bsu.edu/wipb).

The Federal Communications Commission (FCC) has established a review process for stations wishing to convert on the original date. Cheney said WIPB will be working through that process this week and expects for it to be complete in time to terminate the analog signal on Feb. 17.

Television viewers without cable or satellite service will need either a newer TV set equipped with its own digital tuner or a converter box for their existing TVs. An antenna is required when using a converter box. Local over-the-air viewers will continue to find WIPB on broadcast channel 52.

Viewers who currently enjoy WIPB on cable or Dish Network will not need additional equipment to receive the digital signal.

For an update on the converter box coupon program, visit [www.dtv2009.gov](http://www.dtv2009.gov). For more details regarding DTV and the options it provides viewers as well as television stations, visit [www.dtv.gov](http://www.dtv.gov).

---

## **ON CAMPUS**

### **Ball State students explore business solutions in competition**

Five Ball State students recently collaborated with students from various colleges along the Interstate 69 corridor to develop entrepreneurial innovations in Indiana. Junior Zachery Alexander brought home the gold from the I-69 Collegiate Innovation Challenge, on the winning team alongside students from Taylor, Huntington, Indiana Wesleyan and Anderson universities. Each member of the group received a gold coin valued at \$500.

The winning team developed the business idea of Personal Pantry Solutions, a company that uses a query system Internet database and grocery store kiosks to assist people with special dietary needs in finding recipes and food ingredients.

Other Ball State participants were Ashley Wiswell, Kamille Jones, Mike Beer and Kaitlyn Caraway. The students traveled to Swan Lake Resort in Plymouth, Ind., Feb. 6-8, where they were then placed with teams.

Each group was tasked with creating a business plan or idea to solve a problem related to healthy sustainable lifestyles. A panel of judges from the I-69 corridor reviewed the ideas and presentations of each team.

The first I-69 Collegiate Innovation Challenge was held in November 2006 and is now an annual event. The competition encourages entrepreneurship in the area by providing team-building opportunities for students to develop market solutions.

In addition to the participating universities, sponsors included Duke Energy, the Indiana Economic Development Corp., Indiana Michigan Power, the Grant County Economic Growth Council and the Innovative Network.

### **Service Superstar winner named for January**

Janet Trimble is Ball State's Service Superstar for the month of January. Trimble is a financial aid advisor in the Office of Scholarships and Financial Aid. She was nominated as a Roll Out the Red Service Superstar for exemplifying the meaning of "Roll Out the Red."

The graduate student who nominated her noted that although she was "accepted to three other graduate schools, professionalism displayed like that of Mrs. Trimble is what kept me here." As the Service Superstar of the Month, Trimble was awarded a stadium blanket with an embroidered Roll Out the Red logo. Tom Taylor, vice president of enrollment, marketing, and communications, presented the award to Trimble on Feb. 5.

A Service Superstar will be selected monthly throughout 2009. Nominations are due by the 15th of each month. They can be submitted online by completing the form on the Roll Out the Red Web site — [www.bsu.edu/rolloutthered](http://www.bsu.edu/rolloutthered). Contact Andy Gothreau, 765-285-1819, if you have any questions about any of the Roll Out the Red Spirit of Service initiatives.

### **Upgrades made to Ball State wireless infrastructure**

The Ball State wireless infrastructure on campus will receive important upgrades this year in two phases.

The first phase is now complete with the creation of a second network named bsuguest. Beginning today, two network options will be available — bsu and bsuguest.

- Employees and students should continue to use the bsu wireless network option; you will need to begin using your Ball State username and password to log in to the network. When you launch a browser, the screen will display the option to log in.
- All guests visiting campus should select the bsuguest network option. Guests will be able to access the Ball State network to surf the Internet and check their e-mail. Access to Ball State systems is restricted.
- If you or your guests use a mobile device, the smart device will detect the new network. If the configuration on your device is set to use Webmail or ActiveSync, you will be able to access your e-mail.

Phase 2 will begin during summer semester and continue through the start of fall semester. During this phase, a network named bsusecure will be established.

Switching to the bsusecure network will allow your mobile device's operating system to manage and connect to the wireless network. This change will eliminate the added step of logging into the bsu wireless network. The bsusecure network option will automatically establish a secure and encrypted connection to the Ball State wireless network — eliminating the need to use the Virtual Private Network (VPN) Client to fortify a secure connection to the network.

Departments will be contacted in the coming months to receive assistance with switching individual connections to the bsusecure network. The switch to the new network will be easy and should take less than 10 minutes to complete per computer.

---

## **IN THE NEWS**

**Mike Bloxham**, director of Insight and Research, Center for Media Design

Bloxham was quoted in a Feb. 2 CRM Magazine article, "Make Marketing Your Megaphone!" The article said experimentation and innovation are necessary for companies seeking to maintain their client bases and grow in time while everyone else is in hibernation mode. "In a downturn, one could argue that the need to experiment is even greater because you need to be that much more sure things will be more effective," Bloxham said.

**Jennifer Bott**, associate professor of management

Bott was quoted in a Feb. 3 Inside Indiana Business story, "BSU Study: Employers Willing to Pay More for Emerging Media Skilled Workers." A new Ball State study found companies are willing to pay more to attract new employees with emerging media skills. "Respondents indicate a willingness to pay higher wages to acquire and keep workers who have these skills," Bott said.

**John Fillwalk**, director of the Institute for Digital Intermedia Arts and Animation

Inside Indiana Business quoted Fillwalk in a Jan. 30 story, "Training Tool to Help Ball Memorial Hospital Nurses Adapt to New Facility." The Institute for Digital Intermedia Arts and Animation (IDIAA) has created a virtual training program for nurses to practice during Ball Memorial Hospital's recent construction project. The program will allow nurses to interact with the new layout and adapt to their new surroundings well before the physical construction is complete. "New Spaces, New Care" works like a computer game, allowing nurses to virtually explore their new environment, sit at their new workstations, view and walk into patients' rooms, examine charts and access medicine cabinets. "Our interactive training simulation showcases new, more efficient methods for working in a

decentralized care unit as opposed to a centralized care unit," Fillwalk said. "Switching from a single hub to multiple nursing stations represents a culture shift for nurses, and we were able to help them work through that."

**Tom Kinghorn**, treasurer and vice president of business affairs

The Chicago Tribune quoted Kinghorn in a Feb. 9 article, "BSU OKs \$66 Million Geothermal Project." Ball State plans to drill 3,750 wells, each 400 feet deep, to tap the earth's nearly constant temperature for heating and cooling campus. The geothermal conversion will eliminate Ball State's coal-fired boilers, which produce 85,000 tons of carbon dioxide each year, Kinghorn said. "We think we are positioned to take advantage of economic stimulus money," he said. "If that happens, the project could be completed in five years. Without federal aid, completion could take 10 to 12 years."

**Michel Mounayar**, associate dean of the College of Architecture and Planning

Mounayar was featured in a Jan. 26 Johnson County Daily Record article, "Driving Progress." Greenwood, Ind., is looking at a new parking garage to spur economic development. Studies have shown many customers will walk farther to a business at a mall than a store in an urban area because of the perception of ample parking and convenience, he said. People can see the mall entrance from a long distance, which convinces them it's closer than it really is, Mounayar said.

**Kirk Robey**, associate director emeritus of international admissions

MSNBC quoted Robey in a Feb. 9 story, "Organic Foods Demand Leads to Growth in Smaller Hoosier Farms." The number of small Indiana farms has risen almost 80 percent over five years, according to new farm census reports. Robey and his wife, Mary, opened Patchwork Perennials, a nursery specializing in more than 300 varieties of daylilies. "We enjoy gardening and like being outdoors," he said. "We also like our customers. Daylily enthusiasts are nice people."

---

## **SPOTLIGHT**

### **Presentations**

**Arlene Ignico**, School of Physical Education, Sport, and Exercise Science, "An Examination of the Perceptions of Teacher Candidates," National Share the Wealth conference, Jekyll Island, Ga., Jan. 24, 2009.

**Scott Trappe**, Human Performance Laboratory,

- "Exercise Countermeasures for Human Skeletal Muscle with Long-Duration Bed Rest and Spaceflight," NASA Human Research Program, "Humans Return to the Moon," League City, Texas, Feb. 2, 2009.
  - "Single Muscle Fiber Function and Adaptation: Astronauts, Aging and Athletes," seminar, Brigham Young University, Provo, Utah, Feb. 5, 2009.
- 

**Get Update Delivered to Your Home E-mail Address**

If you would like to have Update delivered to your home e-mail address, visit the Update Web site at [www.bsu.edu/update](http://www.bsu.edu/update) and click on the "Subscribe" link.