

## PCI Announces 2006 Engineering Design Awards (Big Beam Contest)

At their meeting at PCI on August 1, 2006, the Student Education Judging Committee selected the Engineering Student Design Award (Big Beam Contest) winners. First place winners from each of the six PCI Zones, along with the International entries considered as Zone 7, competed for the Overall Championship. The Overall winners and Zonal winners, along with the associated PCI and CPCI Producers, are listed as follows:

### OVERALL CHAMPIONSHIP

- **First Place:** University of Illinois, Urbana, Illinois **(Zone 4)**  
**Faculty Advisor:** Daniel A. Kuchma  
**Student Team:** Kerry Hall, Jason Hart and Sukit Yindeesuk  
**PCI Producer:** Prestress Engineering Corp., Blackstone, Illinois (Michael Johnson)  
**Award:** \$2000 along with other prizes  
(To be honored at the PCI Convention in Grapevine, Texas)
- **Second Place:** University of Nebraska (Team #2), Lincoln, Nebraska **(Zone 3)**  
**Faculty Advisor:** Maher Tadros  
**Student Team:** Saeed Javidi, Thomas Lutomirksi, Scott Peterson, Scott Rosenbaugh, Nick Staroski, Ling Zhu and M. A. Stanigzai  
**PCI Producer:** Concrete Industries, Inc., Lincoln, Nebraska (Mark Lafferty)  
**Award:** \$1750 along with other prizes
- **Third Place:** Oregon State University (Team #2), Corvallis, Oregon **(Zone 1)**  
**Faculty Advisor:** Keith Kaufman  
**Student Team:** Shane Brown, Nick Hernandez, Quang Nguyen and Rob Ranit  
**PCI Producer:** Morse Bros., Inc., Harrisburg, Oregon (Pat Hynes)  
**Award:** \$1500 along with other prizes
- **Fourth Place:** University of Texas (Team #3), Austin, Texas **(Zone 2)**  
**Faculty Advisor:** Ozzie Bayrak  
**Student Team:** Raquel DeBlauw, Greg Glass, Matt Huizinga, Matt O'Callaghan, Greg Rogers, Kyle Riding, Jim Sutton and Kate Tomlinson  
**PCI Producer:** Coreslab Structures, Inc., Cedar Park, Texas (Bill Doughty)  
**Award:** \$1250 along with other prizes
- **Fifth Place:** University of Western Ontario, London, Ontario, Canada **(Zone 7)**  
**Faculty Advisor:** Maged Youssef  
**Student Team:** Tom Greenough, Daniel Barber, Shari Robitaille, M.S. Alam, Dana Testler, Brian Nourse, Peter Preston and Calum Macdonald  
**PCI Producer:** Prestressed Systems, Inc., Windsor, Ontario, Canada (Will Tape)  
**Award:** \$1000 along with other prizes
- **Sixth Place:** Virginia Polytechnic Institute, Blacksburg, Virginia **(Zone 5)**  
**Faculty Advisor:** Tommy Cousins and Carin Roberts-Wollmann  
**Student Team:** Eric Crispino, James Ordija and Jonathan Bagwell  
**PCI Producer:** Tindall Corporation, Petersburg, Virginia (Jeffrey Leopard)  
**Award:** \$1000 along with other prizes

## ZONAL WINNERS

- **Zone 1 Second Place:** Oregon State University, Corvallis, Oregon (Team #1)  
**Faculty Advisor:** Keith Kaufman  
**Student Team:** Tyson Doyle, Katie Cranston and Robert McClung  
**PCI Producer:** Morse Bros., Inc., Harrisburg, Oregon (Pat Hynes)  
**Award:** \$750 along with other prizes
- **Zone 2 Second Place:** University of Texas, Austin, Texas (Team #2)  
**Faculty Advisor:** Ozzie Bayrak  
**Student Team:** Apostolos Drolias, Kimberly Grau, Matthieu Montalegre, Craig Rios, Thomas Stablon, Gregory Turco and Sorawit Watanachet  
**PCI Producer:** Coreslab Structures, Inc., Cedar Park, Texas (Bill Doughty)  
**Award:** \$750 along with other prizes
- **Zone 2 Third Place:** University of Idaho, Moscow, Idaho  
**Faculty Advisor:** Ed Schmeckpeper  
**Student Team:** Mathew Benjamin, Jason Erickson, Jeff Mitchell and Michael Shaw  
**PCI Producer:** Central Pre-Mix Prestress Co., Spokane, Washington (Chuck Prussack)  
**Award:** \$500 along with other prizes
- **Zone 2 Fourth Place:** University of Texas, Austin, Texas (Team #1)  
**Faculty Advisor:** Ozzie Bayrak  
**Student Team:** Thomas Anderson, Omar Espinoza, Kathryn Hoyt, Genest Landry, Peter Range, Fernando Torrealva and Jennifer Tovar  
**PCI Producer:** Coreslab Structures, Inc., Cedar Park, Texas (Bill Doughty)  
**Award:** \$250 along with other prizes
- **Zone 3 Second Place:** University of Nebraska, Omaha, Nebraska (Team #4)  
**Faculty Advisor:** Amgad Girgis  
**Student Team:** Matt Kleymann, Brad Cameron, Cesar Garcia, Kromel Hanna, Andrew Johnson, Nick Reiser and Larkin Whisler  
**PCI Producer:** Coreslab Structures, Inc., Omaha (Brian Peterson)  
**Award:** \$750 along with other prizes
- **Zone 3 Third Place:** University of Missouri, Rolla, Missouri  
**Faculty Advisor:** John Myers  
**Student Team:** Jared Brewe, Trevor Hrynyk, Amol Sawant and Matthew Tinsley  
**PCI Producer:** Coreslab Structures, Inc., Marshall, Missouri (Jim Myers)  
**Award:** \$500 along with other prizes
- **Zone 3 Fourth Place:** University of Nebraska, Omaha, Nebraska (Team #5)  
**Faculty Advisor:** Amgad Girgis  
**Student Team:** Joel Fairfax, Jarrel Craddock, Jason Behrens, Jimmy Rongish, Adam Studts, Kevin Barkers and Pavan Meadati  
**PCI Producer:** Coreslab Structures, Inc., LaPlatte, Nebraska (Andrew Flanagan)  
**Award:** \$250 along with other prizes

- **Zone 4 Second Place:** University of Louisville, Louisville, Kentucky  
**Faculty Advisor:** Joe Hagerty  
**Student Team:** Jason Bush, Andy Geiman, Mark Jones, Nick Jones, Justin Roosa and Nick Stallings  
**PCI Producer:** Prestress Services Industries, Melbourne, Kentucky (Don Bosse)  
**Award:** \$750 along with other prizes
  
- **Zone 4 Third Place:** Rose-Hulman Institute of Technology, Terre Haute, Indiana  
**Faculty Advisor:** James Hanson  
**Student Team:** Chris Hollen and Adam Hacker  
**PCI Producer:** Coreslab Structures, Indianapolis, Indiana (Michael Owings)  
**Award:** \$500 along with other prizes
  
- **Zone 4 Fourth Place:** University of Wisconsin, Milwaukee, Wisconsin  
**Faculty Advisor:** Jian Zhao  
**Student Team:** Matt Pritzl, Cory Schultz, James Luebke, Elizabeth Wenzel and Evan Aschenbrenner  
**PCI Producer:** Spancrete Industries, Inc., Waukesha, Wisconsin (Vern Coenen)  
**Award:** \$250 along with other prizes
  
- **Zone 5 Second Place:** United States Military Academy, West Point, New York  
**Faculty Advisor:** LTC Fred Meyer  
**Student Team:** Cadet Lyle Milliman and Cadet Brian Wilson  
**PCI Producer:** Oldcastle Precast, South Bethlehem, New York (David Wan)  
**Award:** \$750 along with other prizes
  
- **Zone 5 Third Place:** Clarkson University, Potsdam, New York  
**Faculty Advisor:** Jubum Kim  
**Student Team:** Michael Fuchs, Heather Guarino, Joel Lindberg, Kenneth Meding and Richard Wood  
**PCI Producer:** Jefferson Concrete Corporation, Watertown, New York (Scott Weston)  
**Award:** \$500 along with other prizes
  
- **Zone 6: No Entry**
  
- **Zone 7 Second Place:** University of Windsor, Windsor, Ontario, Canada  
**Faculty Advisor:** Sreekanta Das  
**Student Team:** Chithral Jayasuriya, Somachandar Mutukuda, Pratanu Ghosh, Alex Ng and Shun Cheung  
**CPCI Producer:** Prestressed Systems Inc., Windsor, Ontario, Canada (Will Tape)  
**Award:** \$750 along with other prizes
  
- **OUTSTANDING REPORT WINNERS:**
  1. **United States Military Academy, West Point, New York**  
**Faculty Advisor:** LTC Fred Meyer  
**Student Team:** Cadet Lyle Milliman and Cadet Brian Wilson  
**PCI Producer:** Oldcastle Precast, South Bethlehem, New York (David Wan)  
**Award:** \$500 along with other prizes

2. **University of Missouri**, Rolla, Missouri  
**Faculty Advisor:** John Myers  
**Student Team:** Jared Brewe, Trevor Hrynyk, Amol Sawant and Matthew Tinsley  
**PCI Producer:** Coreslab Structures, Inc., Marshall, Missouri (Jim Myers)  
**Award:** \$500 along with other prizes
  
3. **Virginia Polytechnic Institute**, Blacksburg, Virginia  
**Faculty Advisor:** Tommy Cousins and Carin Roberts-Wollmann  
**Student Team:** Eric Crispino, James Ordija and Jonathan Bagwell  
**PCI Producer:** Tindall Corporation, Petersburg, Virginia (Jeffrey Lepard)  
**Award:** \$500 along with other prizes

The Big Beam Contest is organized by PCI's Student Education Committee (**Pat Hynes, Chair**) and sponsored by Sika Corporation. The objective is for teams of students to fabricate and test a precast, prestressed concrete beam with the help of local PCI producer members. Prizes are awarded for the most efficient design, highest load capacity, best report, and other categories.

Applications for the 2007 Big Beam Contest are due at PCI by **March 15, 2007**, and test reports by **June 15, 2007**.

For additional information on this program, contact PCI Research and Education Director **Paul Johal** at (312) 360-3213; E-mail: [pjohal@pci.org](mailto:pjohal@pci.org).