These awards recognize high-quality papers selected from among those presented during the 2011 Annual Conference.

Seven 2011 awards are given for outstanding papers: one from each of the five ASEE Professional Interest Councils (PICs), one Best Zone Paper, and one Best Conference Paper. The award consists of $1,000 for each PIC paper, $1,000 for the Best Zone Paper, and $3,000 for the Best Conference Paper.

**BEST PAPER, PIC I**

Stephen R. Turns, Pennsylvania State University, University Park and Peggy Noel Van Meter, Pennsylvania State University, University Park

*Paper: Applying Knowledge from Educational Psychology and Cognitive Science to a First Course in Thermodynamics*
*Session: M449A*

**BEST PAPER, PIC II**

Betsy Palmer, Montana State University; Patrick T. Terenzini, Pennsylvania State University, University Park; Ann F. McKenna, Arizona State University, Polytechnic Campus; Betty J. Harper, Pennsylvania State University, University Park; and Dan Merson, Pennsylvania State University

*Paper: Design in Context: Where Do the Engineers of 2020 Learn This Skill?*
*Session: T421*

**BEST PAPER, PIC III**

Susan Freeman, Northeastern University; Richard Whalen, Northeastern University; Beverly Jaeger, Northeastern University; and Stanley M. Forman, Northeastern University

*Paper: Service-Learning vs. Learning Service in First-Year Engineering: If We Cannot Conduct First-Hand Service Projects, is it Still of Value?*
*Session: T438*

**BEST PAPER, PIC IV**

Michael J. Prince, Bucknell University; Margot A. Vigeant, Bucknell University; and Katharyn E. K. Nottis, Bucknell University

*Paper: The Use of Inquiry-Based Activities to Repair Student Misconceptions Related to Heat, Energy and Temperature*
*Session: M422A*

**BEST PAPER, PIC V**

Gale Tenen Spak, New Jersey Institute of Technology; Peter Schmitt, Schmitt & Associates; and Cesar Bandera, Cell Podium

*Paper: m-Outreach for Engineering Continuing Education: A Model for University-Company Collaboration*
*Session: M517*

**BEST ZONE PAPER**

Rebecca A. Bates, Minnesota State University, Mankato

Andrew Petersen, University of Toronto Mississauga

*Paper: Implementing Social Learning Strategies: Team Testing*
*Session: M620*

**BEST CONFERENCE PAPER**

Betsy Palmer, Montana State University; Patrick T. Terenzini, Pennsylvania State University, University Park; Ann F. McKenna, Arizona State University, Polytechnic Campus; Betty J. Harper, Pennsylvania State University, University Park; and Dan Merson, Pennsylvania State University

*Paper: Design in Context: Where Do the Engineers of 2020 Learn This Skill?*
*Session: T421*