

ASEE ANNUAL CONFERENCE BEST PAPER AWARDS

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