These awards recognize high-quality papers selected from among those presented during the 2012 Annual Conference.

Seven 2012 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**

**Dr. Ted Eschenbach P.E., University of Alaska, Anchorage; Dr. Neal A. Lewis, University of Bridgeport; and Miss Yiran Zhang, University of Bridgeport**

**Paper:** *When to Start Collecting Social Security: Designing a Case Study*

**Session:** M630 – Methods, Cases, and Directions

**BEST PAPER, PIC II**

**Tiffany Fisher, Indiana University-Purdue University, Indianapolis; Dr. Wanda L. Worley, Indiana University-Purdue University, Indianapolis; and Eugenia Fernandez, Indiana University-Purdue University, Indianapolis**

**Paper:** *Using Web 2.0 and Social Networking Technologies in the Classroom: A Comparison of Faculty and Student Perceptions*

**Session:** W536A - Engineering Technology Futuristic Planning

**BEST PAPER, PIC III**

**Professor Teodora Rutar Shuman, Seattle University and Dr. Gregory Mason, Seattle University**

**Paper:** *Novel Approach to Conducting Labs in an Introduction to Thermodynamics Course*

**Session:** T126 - Energy Education Courses, Labs, and Projects

**BEST PAPER, PIC IV**

**Mr. Michael Fosmire, Purdue University, West Lafayette and Professor David F. Radcliffe, Purdue University, West Lafayette**

**Paper:** *Knowledge-enabled Engineering Design: Toward an Integrated Model*

**Session:** T633 – Information Literacy in Context: Enabling Real World Problem Solving

**BEST PAPER, PIC V**

**Ms. Rachelle Reisberg, Northeastern University; Professor Joseph A. Raelin, Northeastern University; Professor Margaret B. Bailey, Rochester Institute of Technology; Dr. David L. Whitman, University of Wyoming; Dr. Jerry Carl Hamann, University of Wyoming; and Dr. Leslie K. Pendleton, Virginia Tech**

**Paper:** *The Effect of Cooperative Education on the Self-Efficacy of Students in Undergraduate Engineering*

**Session:** W419 - What Are We Learning About Co-op and Experiential Education Experience?

**BEST ZONE PAPER**

**William C. Farrow, Milwaukee School of Engineering**

**Paper:** *Project Cam-A-Rok, Engaging Mechanical Engineering Freshman*

**Session:** M621 - Best Zone Paper Competition

**BEST CONFERENCE PAPER**

**Ms. Rachelle Reisberg, Northeastern University; Professor Joseph A. Raelin, Northeastern University; Professor Margaret B. Bailey, Rochester Institute of Technology; Dr. David L. Whitman, University of Wyoming; Dr. Jerry Carl Hamann, University of Wyoming; and Dr. Leslie K. Pendleton, Virginia Tech**

**Paper:** *The Effect of Cooperative Education on the Self-Efficacy of Students in Undergraduate Engineering*

**Session:** W419 - What Are We Learning About Co-op and Experiential Education Experience?