AETS/ASTE AWARDS
Outstanding Science Educator of the Year (Award I)

1973    Gerald Krockover, Purdue University
1974    
1975    Vincent Lunetta, University of Iowa
1976    
1977    
1978    Harold Jaus, University of Illinois-Chicago
1979    Roger W. Bybee, BSCS
1980    Anton Lawson, Arizona State University
1981    
1982    William R. Capie, University of Georgia
1983    James Dudley Herron, Purdue University
1984    Charles R. Coble, East Carolina University
1985    
1986    John Penick, University of Iowa
1987    
1988    Lawrence F. Lowery, University of California
1989    William C. Kyle, Jr., Purdue University
1990    Barry Fraser, Curtin University of Technology, Australia
1991    
1992    Cherl Mason, San Diego State University
1993    
1994    Patricia Simmons, University of Georgia
1995    J. Preston Prather, University of Virginia
1996    Sandra Abell, Purdue University
1997    Bonnie Shapiro, University of Calgary
1998    William F. McComas, University of Southern California
1999    Patricia Simpson, St. Cloud State University
2000    Wolf-Michael Roth, University of Victoria
2001    John Settle, Cleveland State University
2002    No Award Given
2003    (10+ yrs): Ronald Bonnstetter, University of Nebraska;
        (<10 yrs): Michael Clough, Iowa State University
2004    No Award Given
2005    (10+ yrs): Larry Yore, University of Victoria, Canada
        (<10 yrs): Joanne Olson, Iowa State University
2006    (10+ yrs): Penny J. Gilmer, Florida State University
        (<10 yrs): John W. Tillotson, Syracuse University
2007    (10+ yrs): James A. Shymansky, University of Missouri-St. Louis
        (<10 yrs): G. Nathan Carnes, University of South Carolina
2008    (10+ yrs): Kathryn Scantlebury, University of Delaware
        (<10 yrs): Kathy Cabe Trundle, The Ohio State University
2009    (10+ yrs): Deborah Tippins, University of Georgia
        (<10 yrs): Catherine Milne, New York University
2010    (10+ yrs): Julie A. Luft, Arizona State University
        (<10 yrs): Randy L. Bell, University of Virginia
2011    (10+ yrs): Julie Gess-Newsome, Northern Arizona University

Outstanding Mentor (Award II)

1997    John Penick, University of Iowa
1998    Hans Anderson, Indiana University
1999    Norman Lederman, Oregon State University
2000    Robert K. James, Texas A & M University
2001    Robert E. Yager, University of Iowa
2002    Walter S. Smith, Ball State University
2003    Larry Enochs, Oregon State University
2004    Catherine Yeotis, Wichita State University
2005    Sandra Abell, University of Missouri-Columbia
2006    Tom Koballa, University of Georgia
2007    Kenneth Tobin, Graduate Center of the City University of New York
2008    Dana Zeidel, University of South Florida
2009    Lloyd Barrow, University of Missouri, Columbia
2010    Kathryn Scantlebury, University of Delaware
2011    Gerry Saunders, Unity College
Emeritus Awards (Award III)

<table>
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<tr>
<th>Name</th>
<th>University</th>
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<tr>
<td>N. Eldred Bingham</td>
<td>University of Florida</td>
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<tr>
<td>Milton O. Pella</td>
<td>University of Wisconsin</td>
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<td>Pinchas Tamir</td>
<td>Hebrew University</td>
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<td>Clarence Boeck</td>
<td>University of Minnesota</td>
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<td>Fletcher Watson</td>
<td>Harvard University</td>
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<td>Marvin Druger</td>
<td>Syracuse University</td>
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<td>R. Will Burnett</td>
<td>University of Illinois</td>
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<td>Fred Fox</td>
<td>Oregon State University</td>
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<td>Nasrine Adibe</td>
<td>Dowling College</td>
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<td>Gerald Craig</td>
<td>Teachers College Colombia University</td>
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<td>Herbert Smith</td>
<td>Colorado State University</td>
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<td>Roger Olstad</td>
<td>University of Washington</td>
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<td>Alfred De Vito</td>
<td>Purdue University</td>
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<tr>
<td>Hans Anderson</td>
<td>Indiana University</td>
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<td>Paul Dehart Hurd</td>
<td>Stanford University</td>
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<td>Robert W. Howe</td>
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<td>Dorothy Gabel</td>
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<td>Addison Lee</td>
<td>University of Texas</td>
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<td>Willard Jacobson</td>
<td>Teachers College Colombia University</td>
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<td>Donald W. McCurdy</td>
<td>University of Nebraska-Lincoln</td>
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<td>Ralph Lefler</td>
<td>Purdue University</td>
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<td>Harold Tannenbaum</td>
<td>Hunter College</td>
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<td>Steven Winter</td>
<td>Tufts University</td>
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<td>William C. Ritz</td>
<td>California State University, Long Beach</td>
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<td>Edward Victor</td>
<td>Northwestern University</td>
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<td>Stanley Helgeson</td>
<td>Ohio State University</td>
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<td>Floyd E. Mattheis</td>
<td>East Carolina University</td>
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<td>Kenneth J. Appleton</td>
<td>Central Queensland University</td>
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<td>William E. Baird</td>
<td>Auburn University</td>
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<tr>
<td>Michael Cohen</td>
<td>Indiana University-Purdue University</td>
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<tr>
<td>Vincent Lunetta</td>
<td>Pennsylvania State University</td>
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Innovations in Teaching Science Teachers (Award IV)

1990  *A Reflective Approach to Science Methods Courses for Preservice Elementary Teachers*, Dorothy Rosenthal, California State University-Long Beach

1991  *Enhancing Science and Mathematics Teaching*, Kenneth Tobin, Nancy Davis, Kenneth Shaw, and Elizabeth Jakubowski, Florida State University

1992  *The Learning Cycle as a Model for the Design of Science Teacher Preservice and Inservice Education*, Peter Rubba, Pennsylvania State University

1993  *Reconstructing Science Teacher Education Within Communities of Learners*, Deborah Tippins, University of Georgia, Sharon Nichols, Florida State University, and Kenneth Tobin, Florida State University

1994  No Award Given


1996  *An Innovative Model for Collaboration Reform in Elementary School Science Teaching*, M. Gail Shroyer, Emmett Wright, and Linda Ramey-Gassert, Kansas State University

1997  *Reconceptualizing the Elementary Science Methods Course Using Reflective Orientation*, Sandra Abell and Lynn Bryan, Purdue University


1999  No Award Given

2000  *Professional Development Programs for Elementary Science Teachers: An Analysis of Teacher Self-Efficacy Beliefs and The Professional Development Model*, Tracy J. Posnanski, University of Wisconsin-Milwaukee

2001  *Empowering Teachers as Researchers and Inquirers*, Anne M. (Amy) Cox-Petersen, California State University, Fullerton

2002  *Being There and Not Being “There:” The Experience of Teaching an Elementary Science Education Course on the Internet*, Janice Koch and Michael Barriere, Hofstra University

2003  *Using a Card-sorting Task to Elicit and Clarify Science Teaching Orientations*, Patricia Friedrichsen, University of Missouri-Columbia and Thomas Dana, Pennsylvania University

2004  *An Inquiry-based Laboratory Lesson to Construct an Understanding of Earth’s Seasons*, Paul Ashcraft, Clarion University and Susan Courson, Clarion University

2005  No Award given

2006  No Award given

2007  *Using Historical Non-fiction and Literature Circles to Develop Elementary Teachers’ Nature of Science Understanding*, Sharon E. Nichols, The University of Alabama & William Straits, California State University Long Beach

2008  *A Case Study of Fifth Grade Teachers’ Changes in Methodology During a Two-Year Timeframe*, Anita Martin and Brian Hand, University of Iowa

2009  *Flexibly adaptive professional development in support of teaching science with geospatial technology*, Nancy M. Trautmann, Cornell University & James G. Makinster Hobart & William Smith Colleges

2010  *Learning to Teach Science Through Collaboration: Coteaching and Cogenerative Dialogue in Elementary Science Methods Courses*, Christina Siry, University of Luxembourg, Nicole Lowell, Elizbeth Zawatski, Manhattanville College

Implications of Research for Educational Practice (Award V)

1981  *Wait-time and Learning in Science*, Kevin Tobin, Western Australia Institute of Technology and William Capie, University of Georgia

1983  *The Disadvantaged Majority: Science Education for Women*, Jane Butler Kahle, Purdue University

1984  *Training Science Teachers to Use Better Teaching Strategies*, Russell H. Yeany and Michael J. Padilla, University of Georgia

1985  *Using Research to Improve Science Teaching Practice*, Kenneth Tobin, Western Australian Institute of Technology

1986  *Active Technology for Higher Cognitive Level Learning in Science*, Kenneth Tobin, William Capie, and Antonio Bettencourt, University of Georgia

1987  *Training Teachers to Teach Effectively in the Laboratory*, Pinchas Tamir, The Hebrew University

1988  *What Can Be Learned From Investigations of Exemplary Teaching Practice*, Kenneth Tobin, Florida State University


1990  *Helping Students Learn How to Learn: A View from a Teacher-Researcher*, Joe Novak, Cornell University


1992  *Teacher Development in Microcomputer Usage in K-12 Science*, James D. Ellis, BSCS

1993  *Understanding and Assessing Hands-On Science*, Lawrence Flick, Washington State University

1994  *Teaching Evolution: Designing Successful Instruction*, Lawrence Scharmann, Kansas State University

1995  *Using Visits to Interactive Science and Technology Centers, Museums, Aquaria and Zoos to Promote Learning in Science*, Leonie Rennie and Terrence McClafferty

1996  *General Biology: Creating a Positive Learning Environment for Elementary Education Majors*, Larry Scharmann and Ann Stanheim-Smith, Kansas State University


1998  *A Dynamical Systems Based Model of Conceptual Change*, Andrew Hurford, Haskell Indian Nations University

2000  *Teachers and Technology: A Case Study From an Implementation Project*, Myra Halpin and Ann Howe, North Carolina School of Science and Mathematics, and North Carolina State University


2002  *What Knowledge is of Most Worth for Lateral Entry Secondary Science Teachers?*, William R. Veal, University of North Carolina at Chapel Hill

2003  *Teacher Student Con-Construction in Middle School Life Science*, Maria Nunez-Oviedo, University of Massachusetts-Amherst, Mary Ann Rea-Ramirez, Hampshire College, John Clement and Mary Jane Else, both of, University of Massachusetts-Amherst


2005  *Culturalized Science Instruction: Exploring Its Influence upon Black and White Students’ Achievement*, Eileen Parsons, North Carolina State University

2006  No Award given

2007  *Narrative of Community: Visualizing Culturally Relevant Science Pedagogy Through the Identities of Black Middle School Teachers*, M. Jenice Goldston and Sharon E. Nichols, The University of Alabama


2009  *Pathways to success in science: A phenomenological study examining the life experiences of African-American women in higher education*, Claudette L. Giscombe
2010  *Exploring Multiple Outcomes: Using Cogenerative Dialogues and Coteaching in a Middle School Science Classroom*, Nicole K. Grimes, The Graduate Center, The City University of New York

2011  *Synergistic Teaching of Science to English Language Learners: Comparative Analysis of the Strategies*, Daniel J. Bergman, Wichita State University