

ASABE Student Awards and Honors

Manufacturers (AEM) Trophy
A trophy donated by the Association of Equipment Manufacturers (formerly the Equipment Manufacturers Institute) is awarded each year by ASABE to one of its student branches for outstanding branch activity. The AEM Trophy Award is given in three categories: A (larger branches), B (smaller branches), and mechanization branches.

1935	.....	Univ. of Georgia
1936	.....	Iowa State College
1937	.....	Ohio State University
1938	.....	Iowa State College
1939	.....	Iowa State College
1940	.....	Univ. of Nebraska
1941	.....	Oregon State College
1942	.....	Iowa State College
1943	.....	Iowa State College
1944-46	.....	Award suspended
1947	.....	Oregon State College
1948	.....	Iowa State College
1949	.....	Clemson Agric. College
1950	.....	Univ. of Nebraska
1951	.....	Purdue Univ.
1952	.....	Purdue Univ.
1953	.....	Penn State Univ. (A) Univ. of Guelph (B)
1954	.....	Univ. of Maine (A) Penn State Univ. (B)
1955	.....	Penn State Univ. (A) N. Carolina State Coll. (B)
1956	.....	Univ. of Georgia (A) N. Carolina State Coll. (B)
1957	.....	Univ. of Georgia (A) Univ. of Maine (B)
1958	.....	Univ. of Georgia (A) Univ. of Maine (B)
1959	.....	Univ. of Georgia (A) Colorado State Univ. (B)
1960	.....	Univ. of Illinois (A) N. Carolina State Coll. (B)
1961	.....	Univ. of Georgia (A) Univ. of Missouri (B)
1962	.....	Univ. of Georgia (A) Ohio State Univ. (B)
1963	.....	Univ. of Georgia (A) Univ. of Maine (B)
1964	.....	Univ. of Georgia (A) Ohio State Univ. (B)
1965	.....	Univ. of Georgia (A) Colorado State Univ. (B)
1966	.....	Univ. of Illinois (A) Colorado State Univ. (B)
1967	.....	Univ. of Illinois (A) Ohio State Univ. (B)
1968	.....	Univ. of Illinois (A) Ohio State Univ. (B)
1969	.....	Univ. of Georgia (A) Ohio State Univ. (B)
1970	.....	Univ. of Georgia (A) Univ. of Kentucky (B)
1971	.....	Univ. of Georgia (A) West Virginia Univ. (B)
1972	.....	Univ. of Illinois (A) West Virginia Univ. (B)
1973	.....	Univ. of Georgia (A) S. Dakota State Univ. (B)
1974	.....	Univ. of Georgia (A) S. Dakota State Univ. (B)
1975	.....	Texas A&M Univ. (A) N. Dakota State Univ. (B)
1976	.....	Univ. of Georgia (A) N. Dakota State Univ. (B) Purdue Univ. (Mech)
1977	.....	Texas A&M Univ. (A) N. Dakota State Univ. (B) N. Dakota State Univ. (Mech)
1978	.....	Univ. of Georgia (A) N. Dakota State Univ. (B) N. Dakota State Univ. (Mech)

1979	.....	Univ. of Illinois (A) Oregon State Univ. (B) Purdue Univ. (Mech)
1980	.....	Univ. of Georgia (A) Univ. of Wisconsin (B) Univ. of Nebraska (Mech)
1981	.....	Univ. of Georgia (A) Univ. of Wisc., Madison (B) Univ. of Georgia (Mech)
1982	.....	Univ. of Georgia (A) Univ. of Florida (B) Univ. of Georgia (Mech)
1983	.....	Texas A&M Univ. (A) Univ. of Florida (B) Univ. of Georgia (Mech)
1984	.....	Univ. of Georgia (A) S. Dakota State Univ. (B) Univ. of Georgia (Mech)
1985	.....	Univ. of Illinois (A) Iowa State Univ. (B) Texas A&M Univ. (Mech)
1986	.....	Univ. of Georgia (A) S. Dakota State Univ. (B) Univ. of Illinois (Mech)
1987	.....	Univ. of Illinois (A) Iowa State Univ. (B) Univ. of Illinois (Mech)
1988	.....	Univ. of Illinois (A) Iowa State Univ. (B) Univ. of Illinois (Mech)
1989	.....	Univ. of Illinois (A) N. Dakota State Univ. (B) Univ. of Illinois (Mech)
1990	.....	Univ. of Georgia (A) Iowa State Univ. (B) Univ. of Illinois (Mech)
1991	.....	Texas A&M Univ. (A) N. Dakota State Univ. (B) Univ. of Illinois-Urbana (Mech)
1992	.....	Texas A&M Univ. (A) N. Dakota State Univ. (B) Univ. of Illinois-Urbana (Mech)
1993	.....	Univ. of Illinois-Urbana (A) N. Dakota State Univ. (B) S. Illinois Univ. (Mech)
1994	.....	Univ. of Illinois (A) N. Dakota State Univ. (B) Univ. of Illinois (Mech)
1995	.....	Univ. of Illinois (A) N. Dakota State Univ. (B) Univ. of Illinois (Mech)
1996	.....	Univ. of Illinois (A) Iowa State Univ. (B) Univ. of Illinois (Mech)
1997	.....	Univ. of Illinois-Urbana (A) North Dakota State (B) Univ. of Illinois-Urbana (Mech)
1998	.....	Texas A&M Univ. (A) North Dakota State (B) Univ. of Illinois (Mech)
1999	.....	Oklahoma State Univ. (A) Univ. of Tennessee (B) Iowa State Univ. (Mech)
2000	.....	Kansas State Univ. (A) Virginia Polytechnic Institute and State Univ. (B) Iowa State Univ. (Mech)
2001	.....	Univ. of Illinois (A) North Dakota State (B) Iowa State Univ. (Mech)
2002	.....	Iowa State Univ. (A) Ohio State Univ. (B) Iowa State Univ. (Mech)
2003	.....	Iowa State Univ. (A) Univ. of Wisconsin (B) Iowa State Univ. (Mech)
2004	.....	Kansas State Univ. (A) Univ. of Wisconsin (B) Univ. of Illinois (Mech)
2005	.....	Iowa State Univ. (A) Univ. of Wisconsin (B) Iowa State Univ. (Mech)
2006	.....	Kansas State Univ. (A) Univ. of Wisconsin (B)

2007	.....	Iowa State Univ. (Mech) Kansas State Univ. (A) Univ. of Tennessee (B) Kansas State Univ. (Mech)
2008	.....	Univ. of Wisconsin (A) North Dakota State (B) Kansas State Univ. (Mech)
2009	.....	Iowa State Univ. (A) Univ. of Wisconsin (B) Kansas State Univ. (Mech)

1990	.....	Kansas State Univ. "Soil Testing Trailer" P. Poppe, G. G. Grabs
1991	.....	McGill Univ. "Design of a Variable Stroke Mechanism" P. Monnard
1992	.....	not held
1993	.....	S. Dakota State Univ. "Skidmix" L. S. Minor, D. M. Fehr, M. J. Monnens, T. A. Murray, D. L. Schriever
1994	.....	Kansas State Univ. "Pneumatic Down Force System for Row Crop Planters" W. Holle, B. Koster, T. Medley, J. Peterson, M. Rooks, L. Sample, T. Wickstrum
1995	.....	not held
1996	.....	Macdonald Campus of McGill University "A New Concept in Side Delivery Rakes for Forage Crop" N. G. Barnett, J. Robillard
1997	.....	University of Arkansas "Tub Stacker Project" J. R. Aldridge, A. J. Cardarelli, J. E. Cook, B. J. Lloyd, T. D. Woods
1998	.....	Kansas State Univ. "Improving the Performance of the Headgate on a Hydraulic Squeeze Chute" B. A. Peterson, C. W. Schoonover, S. D. Vermillion
1999	.....	Univ. of Arkansas "Thigh De-Boning Project" S. J. Millsap, S. W. Brandon, G. J. Schullerman, J. C. Brook, J. W. Findley, M. J. Tilley
2000	.....	Michigan State Univ. "Estate Scale Tiling System" K. M. Wardin, J. W. Phillips
2001	.....	Michigan State Univ. "Trim EZ Pruner D.D.L. Equipment Solutions" L. K. Doud, D. P. Grant, D. C. Smith
2002	.....	Michigan State Univ. "S.P.L.A.T. Pheromone Applicator" E. E. Arbut, L. B. Brown, L. M. Morden
2003	.....	Univ. of Arkansas "Engineering Design of a Growth Chamber for Bio-Regenerative Life Support" W. H. Dillahunt, J. R. Geurtz, C. W. McDaniel
2004	.....	Oklahoma State Univ. "Effective Means of Silt Fence Installation" K. R. Featherston, C. L. Johnson, J. K. Evatt, M. L. Johnston
2005	.....	Univ. of Guelph "Acoustic/EMG System for the Analysis of Food Texture" B. C. Jessop, K. L. Sider, T. Lee
2006	.....	Oklahoma State Univ. "Design of a Manual Cattle Chute" J. M. Biggerstaff, W. R. Haar, M. S. Kilker, T. F. Miller
2007	.....	Oklahoma State Univ. "Redesign of a Tree Shear" C. T. Cosgrove, M. L. Lemmons, K. D. Taylor, L. P. Klement
2008	.....	McGill University "Design of a Continuous Flow Production Research Unit in India" T. F. Chevalier, P. Thériault
2009	.....	Univ. of Wisconsin "Knuckle-Boom Crane Attachment For Skid Steer Loaders" P. Harris, P. Her, A.J. Holstein, K.L. Nelson

AGCO National Student Design Competition

Stresses use of basic sciences, mathematics and engineering skills to achieve optimum conversion of resources to meet the stated objectives of the project entry. Formerly the Allis-Chalmers Ntl. Student Design Competition.

1977	.....	Kansas State Univ. "The Post Poker" J. A. Haffener, G. A. Johnson, D. L. Malm, S.L. Phillips, M.D. Schwartz, D. Skinner, D.J. Stucky
1978	.....	Kansas State Univ. "Combine Power Unplugging" L. O. Leebrick, J. Leiszler, D. A. Suderman, F. L. Yarrow
1979	.....	Kansas State Univ. "The Chip Chucker" B. G. Bauer, K. G. Meitl, P. P. Parke, W. L. Thompson, T. J. Voejeli
1980	.....	Kansas State Univ. "The Handy Hooker" E. Smalley, M. Boguski, T. Casey, D. Chipperfield
1981	.....	Ohio State Univ. "A Constant Power Log Splitter" R. E. Bowers, M. D. Evans
1982	.....	Kansas State Univ. "Golden Retriever" E. J. Heim, S. B. Hennessey, R. D. Shinogle, R. S. Johnson, R. A. Weber, R. B. League, C. R. Janssen
1983	.....	Univ. of Nebraska "Agricultural Drive Tire Handling "Tire Husker" System" K. Fairbanks, G. Harmon, D. Karloff, D. Moravec
1984	.....	Kansas State Univ. "E-Z Bale" K. D. Funk, B. K. Andra, C. J. Lang, P. L. Todd
1985	.....	Univ. of Minnesota "Liquid Manure Pump Trailer" A. Larson, P. Conlin
1986	.....	Kansas State Univ. "The Smooth Sprayer" A. G. Burk, C. L. Good, G. W. Sweany
1987	.....	Mississippi State Univ. "A Clay Slurry Mixing and Transfer System for Weyerhaeuser Company's Southern Pine Tree Seedling Nurseries" W. M. Johnson, Jr.
1988	.....	Washington State Univ. "Bluegrass Residue Removal With Reduced Visible Emissions" J. P. Hein, D. R. Gady
1989	.....	Univ. of Wisconsin- Madison "Combining Mechanism for Orientating Forage Before Entering the Cutterhead of a Forage Harvester" T. J. Kraus

K.K. Barnes Student Paper Award

Presented annually to winner of oral competition of the student paper award finalists.

1980	..... M. E. Hill Washington State Univ.
1981	..... T. A. Costello Univ. of Missouri
1982	..... L. J. Schultz Oklahoma State Univ.
1983	..... J. R. Korslund Iowa State Univ.
1984	..... D. T. Campbell Univ. of Georgia
1985	..... M. Hushak Iowa State Univ.
1986	..... J. B. Meyers, Jr. Univ. of Georgia
1987	..... R. L. Kay Iowa State Univ.
1988	..... C. P. Wilson Univ. of Georgia
1989	..... B. G. Branch Univ. of Georgia
1990	..... C. A. Retherford Penn State Univ.
1991	..... G. Kinney Iowa State Univ.
1992	..... P. Kaspar Texas A&M Univ.
1993	..... T. F. Whalen McGill Univ.
1994	..... E. B. Smith Cornell Univ.
1995	..... T. E. Van Hal Iowa State Univ.
1996	..... D. M. VanUtrecht Iowa State University
1997	..... E. L. Bushee Univ. of Kentucky
1998	..... R. P. Cogdill Iowa State Univ.
1999	..... B. K. Gelder Iowa State Univ.
2000	..... K. L. Bothi McGill Univ.
2001	..... C. J. Melvin Iowa State Univ.
2002	..... N. A. Krueger Iowa State Univ.
2003	..... A. D. Hasche Widman Iowa State Univ.
2004	..... J. E. Hansen Iowa State Univ.
2005	..... M. L. Roberts Kansas State Univ.
2006	..... K. M. Broer Iowa State Univ.
2007	..... R. V. Muhlbauer Iowa State Univ.
2008	..... B. J. Rottinghaus Iowa State Univ.
2009	..... G.C. Bishop Iowa State Univ.

G.B. Gunlogson Student Environmental Design Competition

To promote excellence in the engineering design of environmental systems to provide effective treatment while maintaining soil, water, and air quality.

Open Competition

2001	..... McGill Univ. M. De Wolfe, A. M. Tremblay
2002	..... Kansas State Univ. D. M. Dechand, E. E. O'Brien, S. S. Jedlicka
2003	..... Iowa State Univ. P. T. Murphy, V. L. Stout, M. T. Mommsen
2004	..... Univ. of Tennessee A. D. Crenshaw, M. K. Bacon, M. K. Rice

2005	..... Ohio State Univ. B. Henslee, P. Gehres, C. Bettin, C. Sanford, A. Weber, J. Henry, M. Nazareth, K. Kennedy, C. Eichel
2006	..... Univ. of Arkansas A. J. Riestler, C. M. Darr, S. Powers
2007	..... Univ. of Wisconsin M. Bretl, N. Weinberg
2008	..... Univ. of Wisconsin J. Hanson, M. Musa, D. Sherstad
2009	..... McGill Univ. M. Manchester, A. McClintock, J. Senecal-Smith

Fountain Wars Competition

2003	..... Univ. of Illinois B. D. Heilwagen, J. R. Liszka, E. E. Poynter, L. E. Schutte, B. R. Tadlock
2004	..... Kansas State Univ. C. R. Nichols, A. N. Berry, B. W. Severin, M. J. Crockett, N.R. Rodina
2005	..... Oklahoma State Univ. B. Dillard, D. Bevill, R. Cancienne, E. Casey, S. Edens, J. Evicks, M. Matousek, K. Stephens, R. Woolbright
2006	..... Univ. of Tennessee T. Cheung, S. C. Krajewski, C. K. Million, K. W. Swinson
2007	..... Iowa State Univ. K. Shipley, M. Thelen, R. Swetka, T. Mensing, C. Kinney, K. Teach, J. Maher, L. Pepple, B. Bond, C. Thacker
2008	..... Texas A&M Univ. J. Hammons, B. Hartley, P. Luedecke, J. Murdock, C. Roney
2009	..... Texas A&M Univ. N. Taylor, N. Pennington, S. Alvarez, M. Korte

Preprofessionals Undergraduate Poster Session Competition

To encourage undergraduate students to interact with industry, faculty, and fellow students by giving a technical poster presentation on an engineering project useful to agriculture and related areas.

2003	..... L. E. Schutte Univ. of Illinois
2004	..... P. T. Murphy Iowa State Univ.
2005	..... P.C. Davidson Univ. of Illinois
2006	..... M. L. Roberts Kansas State Univ.
2007	..... C. Timmons Oklahoma State Univ.
2008	..... C. Timmons Oklahoma State Univ.
2009	..... R. Carson Oklahoma State Univ.

Quarter-Scale Tractor Student Design Competition

Participation helps students gain practical experience in the design of drivetrain systems, tractor performance, manufacturing processes, analysis of tractive forces, weight transfer and strength of materials. In addition, students develop skills in communication, leadership, teamwork, fundraising and test and development.

1998	..... Univ. Wisconsin
1999	..... Kansas State Univ.
2000	..... Kansas State Univ.
2001	..... Kansas State Univ.

2002	..... Univ. Laval
2003	..... Kansas State Univ.
2004	..... Oklahoma State Univ.
2005	..... Oklahoma State Univ.
2006	..... Kansas State Univ.
2007	..... Kansas State Univ.
2008	..... Kansas State Univ.
2009	..... Univ. of Illinois

ASABE Robotics Competition

Encourages undergraduate as well as graduate students to develop innovative robotic solutions to real life problems in the agricultural arena.

2007	..... Kansas State Univ.
2008	..... Kansas State Univ.
2009	..... Kansas State Univ.

Graduate Student Research Award

Presented annually to recognize excellence in the conduct and presentation of research to build the knowledge base needed by engineers who design equipment, facilities, and processes for the sustainable operation of a biological system. Competition includes M.S. and Ph.D. research.

2004	M.S. A.R. Green Univ. of Kentucky
	Ph.D. Z Tan Univ. of Illinois
2005	M.S. R. N. Cook Iowa State Univ.
	Ph.D. W. Yuan Univ. of Illinois
2006	M.S. J. L. Kozarek Virginia Tech
	Ph.D. K. Lee Kansas State Univ.
2007	M.S. Y. Lu Purdue Univ.
	Ph.D. M. L. Chu-Agor Oklahoma State Univ.
2008	M.S. John W. Fuchs Oklahoma State Univ.
	Ph.D. Mark A. Thomas Purdue Univ.
2009	M.S. Z. Wang North Carolina State Univ.
	Ph.D. D.R. Keshwani North Carolina State Univ.

SCHOLARSHIPS

William J. and Marijane E.

Adams, Jr. Scholarship

For a student majoring in biological or agricultural engineering, with an interest in agricultural machinery product design and development.

1992	..... E. J. Schaap California Polytechnic State Univ.
1993	..... R. L. Satori University of Wisconsin
1994	..... E. J. Schaap California Polytechnic State Univ.
1995	..... N. G. Barnett McGill Univ.
1996	..... R. Stoltman North Dakota State Univ.
1997	..... A. D. Brecht Iowa State Univ.
1998	..... C. N. Washmon Oklahoma State Univ.
1999	..... D. J. Meyer Univ. of Nebraska
2000	..... R. W. Yakimishen Univ. of Manitoba

2001	..... N. W. Green Calif. Polytechnic State Univ. N. E. Oleen Kansas State Univ.
2002	..... E. L. Hodgson North Dakota State Univ.
2003	..... J. M. Krebill Iowa State Univ.
2004	..... D. L. Warner Kansas State Univ.
2005	..... K. J. Baumgartner Iowa State Univ.
2006	..... K. M. Mears Purdue Univ.
2007	..... K. F. Moules California Polytechnic State Univ.
2008	..... Kevin F. Moules Cal Poly State Univ.
2009	..... L.D. Martin Kansas State Univ.

ASABE Foundation

Engineering Scholarship

For an undergraduate student enrolled in an ABET or CEAB accredited agricultural/biosystems engineering program.

2002	..... M. T. Mommsen Iowa State Univ.
2003	..... L. E. Kennedy Oklahoma State Univ.
2004	..... J. A. Young Virginia Tech
2005	..... P. L. Henry Pennsylvania State Univ.
2006	..... J. M. Bolson Iowa State Univ.
2007	..... M. P. Klein Michigan State Univ.
2008	..... Matthew T. Wold North Dakota State Univ.
2009	..... T.J. Rath North Dakota State Univ.