

Curriculum Vitae

Name, Rank, and Contact Information:

David Ames Herbert, Jr.
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Education:

Ph.D., Entomology, Auburn University, Auburn, AL, 1985.
M.S., Entomology, Auburn University, Auburn, AL, 1975.
B. S., Biology, Johnson State College, Johnson, VT, 1971.

Professional Experience:

Professor, Dept. of Entomology, Tidewater Agric. Res. and Ext. Center, Virginia Tech, Suffolk, VA, 2002-present.
Associate Professor, Dept. of Entomology, Tidewater Agric. Res. and Ext. Center, Virginia Tech Suffolk, VA, 1994-2002.
Adjunct Associate Professor, Dept. of Entomology, North Carolina State University, Raleigh, NC, 1995-present.
Assistant Professor, Dept. of Entomology, Tidewater Agric. Res. and Ext. Center, Virginia Tech, Suffolk, VA, 1988-1994.
Postdoctoral Fellow, Dept. of Plant Pathology, Auburn Univ., Auburn, AL, 1986-1988.
Research Associate, Dept. of Entomology, Auburn, Univ., Auburn, AL, 1979-1986.

Honors and Awards:

Research awards and recognition

Insects Research and Control Conference Recognition Award for Excellence in Cotton Integrated Pest Management, Beltwide Cotton Conferences, New Orleans, LA, 2016.
Lifetime Achievement Award, 2012 Friends of Southern IPM, Southern IPM Center, Blacksburg, VA.
Andy Swiger Land-Grant Award, Virginia Tech College of Agriculture and Life Sciences, Blacksburg, VA, 2008.
Award for Excellence in Integrated Pest Management, Entomological Society of America, Eastern Branch, Ocean City, MD, 2002.
Research Award for “Outstanding contributions by developing and implementing information necessary to manage wheat insects economically and environmentally in Virginia”, Virginia Small Grains Growers Association, 1998.
Nominated for the Bailey Award recognizing outstanding research, American Peanut Research and Education Society for the paper titled “A Risk Index for Determining Insecticide Treatment for Southern Corn Rootworm in Peanut”, Orlando, FL, 1996.
Nominated for the Bailey Award recognizing outstanding research, American Peanut Research and Education Society for the paper entitled “Effects of soil texture and drainage on peanut pod damage by southern corn rootworm”, Tulsa, OK, 1994.
Meritorious Research Award, Virginia Soybean Growers Association, Williamsburg, VA, 1993.

Bailey Award for outstanding research, American Peanut Research and Education Society for the paper entitled “Impact of chemical use restrictions on disease, weed, and insect management in peanuts”, Atlanta, GA, 1990.

Extension and public service awards and recognition

Extension Service Award for Outstanding Service to Virginia’s Agribusiness Industry, Virginia Agribusiness Council, Warsaw, VA, 2010.

Extension Award of Merit, Gamma Sigma Delta, Virginia Tech Chapter, Blacksburg, VA, 2006.

Alumni Association Award for Excellence in Extension, Virginia Tech Alumni Association, Blacksburg, VA, 2006.

Outstanding Extension Display Award, Entomological Society of America for the presentation titled “Research leading to new management strategies for cereal leaf beetle in wheat”, Nashville, TN, 1997.

Outstanding Extension Display Award, Entomological Society of America for the presentation titled “Biology and New Management Strategies for Cereal Leaf Beetle in Virginia and North Carolina”, Louisville, KY, 1996.

Recognition of outstanding services rendered as advisory member of the Board of Directors for the years 1993-1996, Virginia Crop Production Association, Inc., Richmond, VA, 1996.

Certificate of Excellence in recognition for the development of outstanding agronomic educational material in the category of publication manuals for “Intensive Soft Red Winter Wheat Production — A Management Guide”, M. Alley, D. Brann, E. Stromberg, S. Hagood, A. Herbert, E. Jones and W. Griffith, American Society of Agronomy, Indianapolis, IN, 1996.

Nominated for the Entomological Society of America Distinguished Achievement Award in Extension, Las Vegas, NV, 1995.

Distinguished Achievement Award in Extension Entomology, Entomological Society of America, Eastern Branch, Harrisburg, PA, 1995.

Outstanding Extension Display Award, Entomological Society of American for presentation titled “Development and verification of a new scouting tool for Virginia small grains”, Dallas, TX, 1994.

National Recognition Award, American Society of Agronomy Educational Material Contest for the development of a satellite teleconference video on “Successful Soybean Technology and Management Considerations for 1993”, 1994.

State IPM Coordinator—1997-present

Extension Project Leader—Department of Entomology, College of Agriculture and Life Sciences, 1994-2014.

Refereed Scientific Journal Articles or Book Chapter—70 total

Extension Publications—133 total

Graduate Student Committees—PhD, 4 Chair, 2 Co-Chair; MS, 7 Chair, 1 Co-Chair, 15 Member

David Ames Herbert, Jr. -- List of Publications (selected, last 5 years)

Papers in Refereed Journals (*denotes student or postdoctoral scientist)

Lorenz, G., A. Herbert, and R. Leonard. 2015. Arthropod Pests-Caterpillars. *In* Compendium of Soybean Diseases and Pests, 5th Edition, The American Phytopathological Society, St. Paul, MN. Pp. 139-141.

Philips, Christopher R.; Kuhar, Thomas P.; Hoffmann, Michael P.; Zalom, Frank G.; Hallberg, Rosemary; HERBERT, D. Ames; Gonzales, Christopher; and Elliott, Steve (October 2014) Integrated Pest Management. In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0003248.pub2

Kamminga, K., D.A. HERBERT, M.D. Toews, S. Malone, and T. Kuhar. 2014. *Halyomorpha halys* (Hemiptera: Pentatomidae) feeding injury on cotton bolls. *J. Cotton Sci.* 18:68-74, <http://www.cotton.org/journal/2014-18/1/>.

Philips, C.R.*, T.P. Kuhar, and D.A. HERBERT. 2014. Effect of buckwheat farmscapes on abundance and parasitism of *P. rapae* (L.) in Virginia collards. *Journal of Entomological Science.* 49: 1-12.

Stewart, S.D., D.S. Akin, J. Reed, J. Bacheler, A. Catchot, D. Cook, J. Gore, J. Greene, A. HERBERT, R.E. Jackson, D.L. Kerns, B.R. Leonard, G.M. Lorenz, S. Micinski, D. Reising, P. Roberts, G. Studebaker, K. Tindall, and M. Toews. 2013. Survey of thrips species infesting cotton across the southern U.S. cotton belt. *J. Cotton Sci.* 17:1-7, <http://journal.cotton.org>

Owens, D.R.*, D.A. HERBERT, Jr., G. Dively, D.D. Reising, T.P. Kuhar. 2013. Does feeding by *Halyomorpha halys* Stål (Hemiptera: Pentatomidae) reduce soybean seed quality and yield? *J. Econ. Entomol.* 106:1317-1323, ISSN 0022-0493, Online ISSN: 1938-291X

Owens, D.R.*, D.A. HERBERT, Jr., T.P. Kuhar, and D.D. Reising. 2013. Effects of temperature and relative humidity on the vertical distribution of stink bugs (Hemiptera: Pentatomidae) within soybean canopies and implications for field sampling. *J. Entomol. Sci.* 48(2): 90-98.

Owens, D.R.*, D.A. HERBERT, Jr., T.P. Kuhar, and D.D. Reising. 2012. Effects of temperature and relative humidity on the vertical distribution of stink bugs (Hemiptera: Pentatomidae) within soybean canopies and implications for field sampling. *J. Entomol. Sci.* (accepted, Aug. 30, 2012).

Kamminga, K.L.*, A.L. Koppel*, D.A. HERBERT, Jr., and T.P. Kuhar. 2012. Biology and management of the green stink bug. *J. IPM.* 3(3): C1-C8(8). <http://esa.publisher.ingentaconnect.com/content/esa/jipm/2012/00000003/00000003/art00006;jsessionid=2h3vms6ebliuo.victoria>

Reising, D.D., D.A. HERBERT, and S. Malone. 2012. Impact of neonicotinoid seed treatments on thrips (Thysanoptera: Thripidae) and soybean yield in Virginia and North Carolina. *J. Econ. Entomol.* 105(3): 884-889; DOI: <http://dx.doi.org/10.1603/EC11429>.

Philips, C.R.*, D.A. HERBERT, T.P. Kuhar, D.D. Reising, and E.A. Roberts. 2012. Using degree days to predict cereal leaf beetle (Coleoptera: Chrysomelidae) egg and larval population peaks. *Environ. Entomol.* 41(4): 761-767.

Samler, J.A.*, D.A. HERBERT, S. Malone, D. Owens*, T.P. Kuhar, and C. Brewster. 2012. Location of thrips (Thysanoptera: Thripidae) on soybean seedlings and implications for sampling. *Virginia J. of Sci.* 62 (1 & 2): 17 (abstract).

Cook, D., D.A. HERBERT, Jr., S.D. Akin, and J. Reed. 2011. Biology, crop injury, and management of thrips (Thysanoptera: Thripidae) infesting cotton seedlings in the United States. 2(2): <http://dx.doi.org/10.1603/IPM10024>.

Philips, C.R.*, D.A. HERBERT, T.P. Kuhar, D.D. Reising, W.E. Thomason, and S. Malone. 2011. Fifty years of cereal leaf beetle in the U.S.: an update on its biology, management, and current research. *J. Integ. Pest Mngmt.* 2(2): 2011; DOI: <http://dx.doi.org/10.1603/IPM11014>.

Koppel, A.L.*, D.A. HERBERT, Jr., T. P. Kuhar, S. Malone, and M. Arrington. 2011. Efficacy of selected insecticides against eggs of *Euschistus servus* and *Acrosternum hilare* (Hemiptera: Pentatomidae) and the egg parasitoid *Telenomus podisi* Ashmead (Hymenoptera: Scelionidae). *J. Econ. Entomol.* 104: 137-142.

Numbered Extension Publications (*denotes student or postdoctoral scientist)

Reising, D. and D.A. HERBERT, Jr. 2013. Soybean Insect Guide. United Soybean Board, Chesterfield, MO. http://unitedsoybean.org/wp-content/uploads/47574_Insect-Guide1.pdf

Holshouser, D., D.A. HERBERT, P.M. Phipps, and M. Reiter. 2013. Troubleshooting the Soybean Crop. VCE Publ. AREC-25NP.

Flanders, K., D. Reising, D. Buntin, M. Winslow, D.A. HERBERT, and D. Johnson. 2013. Biology and Management of Hessian Fly in the Southeast. VCE Publ. AREC-39. <http://www.pubs.ext.vt.edu/AREC/AREC-39/AREC-39.html>.

HERBERT, D. and S. Malone. 2011. Second Edition, Mid-Atlantic Guide to the Insect Pests and Beneficials of Corn, Soybean and Small Grains. VCE Publ. 444-360.