# ***Curriculum Vitae***

**Jeffrey A. Davis, Ph.D.**

Department of Entomology

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**Education**

* Ph.D. Entomology, 2006, University of Minnesota, St. Paul, MN
* M.S. Entomology, 2004, University of Minnesota, St. Paul, MN
* B.S. Agronomy, 1996, University of Wisconsin, Madison, WI

**Professional Experience**

* Associate Professor, Department of Entomology, Louisiana State University Agricultural Center, Baton Rouge, LA 7/13-present
* Assistant Professor, Department of Entomology, Louisiana State University Agricultural Center, Baton Rouge, LA 11/07-6/13
* Post-Doctoral Associate, Department of Entomology, University of Minnesota-St. Paul, St. Paul, MN 5/06-10/07
* Ph.D. Research Assistant, Department of Entomology, University of Minnesota-St. Paul, St. Paul, MN 1/05-5/06
* M.S. Research Assistant, Department of Entomology, University of Minnesota-St. Paul, St. Paul, MN 5/02-12/04

**Courses Taught**

* ENTM 2001 Insects in the Environment
* ENTM 4006 Fundamentals of Applied Entomology (co-taught w/Mike Stout)
* ENTM 7008 Special Topics in Entomology-Molecular Entomology

**Publications**

**Refereed Journals:**

* Temple, J. H., **J. A. Davis**, J. Hardke, J. Moore, and B. R. Leonard. 2013. Susceptibility of southern green stink bug and redbanded stink bug to insecticides in soybean field experiments and laboratory bioassays. Southwestern Entomol. 38:393-406.
* Wosula, E. N., **J. A. Davis**, and C. A. Clark. 2013. Population dynamics of three aphid species (Hemiptera: Aphididae) on four *Ipomoea spp*. infected or non-infected with sweetpotato potyviruses. J. Econ. Entomol. 106:1566-1573.
* Temple, J. H., **J. A. Davis**, S. Micinski, J. T. Hardke, P. Price, and B. R. Leonard. 2013. Species composition and seasonal abundance of stink bugs (Hemiptera: Pentatomidae) in Louisiana soybean. Environ. Entomol. 42:648-657.
* Musser, F. R., A. L. Catchot, Jr., **J. A. Davis**, D. A. Herbert, Jr., G. M. Lorenz, T. Reed, D. D. Reisig, and S. D. Stewart. 2013. 2012 Soybean Insect Losses in the Southern US. MidSouth Entomol. 6:12-24.
* Lanka, S. K., J. A. Ottea, **J. A. Davis**, A. B. Hernandez, and M. J. Stout. 2013. Systemic effects of thiamethoxam and chlorantraniliprole as seed treatments on adult *Lissorhoptrus oryzophilus* (Coleoptera: Curculionidae) in rice. Pest Manag. Sci. 69:250–256.
* Wosula, E. N., **J. A. Davis**, C. A. Clark, T. P. Smith, R. A. Arancibia, F. R. Musser, and J. T. Reed. 2013. The role of aphid abundance, species diversity and virus titer in the spread of sweetpotato potyviruses in Louisiana and Mississippi. Plant Dis. 97:53-61.
* Brown, S. A., **J. A. Davis**, and A. R. Richter. 2012. Efficacy of foliar insecticides on eggs of *Nezara viridula* (Hemiptera: Pentatomidae). Florida Entomol. 95:1182-1186.
* **Davis, J. A.**, E. B. Radcliffe, C. A. Thill, and D. W. Ragsdale. 2012. Resistance to aphids, late blight and viruses in somatic fusions and crosses of *Solanum tuberosum* L. and *Solanum bulbocastanum* Dun. Am. J. Pot. Res. 89:489–500.
* Wosula, E. N., C. A. Clark, and **J. A. Davis**. 2012. Effect of host plant, aphid species, and virus infection status on transmission of *Sweetpotato feathery mottle virus*. Plant Dis. 96:1331-1336.
* Musser, F. R. , A. L. Catchot, Jr., **J. A. Davis**, D. A. Herbert, Jr., B. R. Leonard, G. M. Lorenz, T. Reed, D. D. Reisig, and S. D. Stewart. 2012. 2011 Soybean insect losses in the southern US. Midsouth Entomol. 5:11-17.
* Kamminga, K. L., **J. A. Davis**, S. P. Stock, and A. R. Richter. 2012. First report of a Mermithid nematode infecting *Piezodorus guildinni* and *Acrosternum hilare* (Hemiptera:Pentatomidae) in the United States. Florida Entomol. 95:214-217.
* Clark, C., **J. A. Davi**s, J. A. Abad, W. Cuellar, S. Fuentes, J. Kreuze, R. W. Gibson, S. Mukasa, A. K. Tugume, F. Tairo, and J. Valkonen. 2012. Sweetpotato viruses: 15 years of progress on understanding and managing complex diseases. Plant Dis. 96:168-185.
* Temple, J., B. R. Leonard, **J. A. Davis**, K. Fontenot. 2009. Insecticide efficacy against redbanded stink bug, *Piezodorus guildinii* (Westwood), a new stink bug pest of Louisiana soybean. Mid-South Entomologist 2:68-69.
* **Davis, J. A.**, E. B. Radcliffe and D. W. Ragsdale. 2009. Planter skips and impaired stand favors PVY spread in potato. Amer. J. Pot. Res. 86:203–208.
* **Davis, J. A.**, and E. B. Radcliffe. 2008. The importance of an invasive aphid species in vectoring a persistently transmitted potato virus: *Aphis glycines* Matsumura is a vector of PLRV. Plant Dis.92:1515-1523.
* **Davis, J. A.**, and E. B. Radcliffe. 2008. Reproduction and feeding behavior of *Myzus persicae* (Sulzer) on four cereals. J. Econ. Entomol. 8:9-16*.*
* **Davis, J. A.**, E. B. Radcliffe and D. W. Ragsdale. 2007. Resistance to green peach aphid, *Myzus persicae* (Sulzer), and potato aphid, *Macrosiphum euphorbiae* (Thomas), in potato cultivars. Amer. J. Pot. Res. 84:259-269.
* **Davis, J. A.**, E. B. Radcliffe and D. W. Ragsdale. 2006. Effects of high and fluctuating temperatures on green peach aphid, *Myzus persicae* (Hemiptera: Aphididae). Environ. Entomol. 35(6):1461-1468.
* **Davis, J. A.**, E. B. Radcliffe and D. W. Ragsdale. 2005. Soybean aphid, *Aphis glycines* Matsumura, a new vector of *Potato virus Y* in potato. Am. J. Potato Res. 82:197-201.

**Book Chapters:**

* **Davis, J. A.** 2013. Insect vectors: aphids, whiteflies and thrips. *In*: C. A. Clark, D. M. Ferrin, T. P. Smith, and G. J. Holmes (eds.), Compendium of Sweetpotato Diseases, Pests, and Disorders, pp. 106-109. APS Press, St. Paul, MN.
* Stout, M, and **Davis, J.** 2009. Keys to the Increased Use of Host-Plant Resistance in Integrated Pest Management. *In*: R. Peshin and K. Ashok (eds.), Integrated Pest Management: Innovation-Development Process, pp. 163-181. Springer, NY, NY.
* **Davis, J. A.,** E. B. Radcliffe, W. Schrage and D. W. Ragsdale. 2008. Vector and virus IPM for seed potato production. *In*: E. B. Radcliffe, W. D. Hutchison and R. E. Cancelado (eds.), Insect Pest Management: Concepts, Tactics, Strategies and Case Studies, pp. 366-377. Cambridge University Press, Cambridge, UK.