

### **Research Publications FINAL REPORT:**

Ahmad, A., T. G. Nagaraja, and L. Zurek. 2007. Transmission of *Escherichia coli* O157:H7 to cattle by house flies. *Preventive Veterinary Medicine* 80: 74-81.

Ahmad A, A. Ghosh, C. Schal, and L. Zurek (2010). Insects in confined swine operations carry a large antibiotic resistant and potentially virulent enterococcal community. *BMC Microbiology* 11:23.

Ahmad, A. and L. Zurek (2009). Evaluation of metaflumizone granular bait for management of house flies. *Medical and Veterinary Entomology* 23: 167-169.

Ahmad A, A. Ghosh, C. Schal, and L. Zurek. 2011. Insects in confined swine operations carry a large antibiotic resistant and potentially virulent enterococcal community. *BMC Microbiology* 11:23.

Akhtar, M., H. Hirt, and L. Zurek (2009). Horizontal transfer of the tetracycline resistance gene *tetM* mediated by pCF10 among *Enterococcus faecalis* in the house fly alimentary canal. *Microbial Ecology* 58: 509-518.

Anderson, K. L., R. Lyman, K. Moury, D. Ray, W. Watson, and M.T. Correa. Accepted. Molecular epidemiology of *Staphylococcus aureus* mastitis in dairy heifers. *J. Dairy Science*.

Arika, C., J. L. Nieber, D. L. Wyse and R. D. Moon. 2009. Implementation of methodology for weed management practices – Phase II. Final report. Minnesota Department of Transportation, Research Services Section. 95 pp.

Ascunce, M. S., S. Yang, C.J. Geden and D.D. Shoemaker. 2009. Twenty-three new microsatellite loci in the stable fly *Stomoxys calcitrans* (L.) (Diptera: Muscidae). *Mol. Ecol. Resources* 9, 271–273.

Berkebile, D.R., Weinhold, A.P., Taylor, D.B. 2009. A New Method for Collecting Clean Stable Fly (Diptera: Muscidae) Pupae of Known Age. *Southwestern Entomologist*. 34: 469-476.

Bernier, U. R., D. F. Hoel, J. A. Hogsette, H. A. Hanafi, and D. L. Kline. 2008. Effect of lures and trap placement on sand fly and mosquito traps, pp. 171-175. *In* W.H. Robinson, W. H. and D. Bajomi, D. [eds.], *Proceedings of the 6th International Conference on Urban Pests*, OOK-Press Kft., Budapest, Hungary.

Burrus, R.G., J.A. Hogsette and P.E. Kaufman. 2009. Prevalence and population dynamics of *Musca domestica* L. (Diptera: Muscidae) and *Escherichia coli* O157:H7 on north central Florida dairy farms. *Livestock Insect Workers Conference*, French Lick, IN.

Butler, S. M., A. C. Gerry, and B. A. Mullens. 2007. House fly (Diptera: Muscidae) Activity near Baits Containing (Z)-9-tricosene and Efficacy of Commercial Toxic Fly Baits on a Southern California Dairy. *Journal of Economic Entomology*. 100(4): 1489-1495.

Butler, S.M., R.D. Moon, N.C. Hinkle, J.G. Millar, J.S. McElfresh and B.A. Mullens. 2009. Characterization of age and cuticular hydrocarbon variation in mating pairs of house fly, *Musca domestica*, collected in the field. *Medical and Veterinary Entomology*. 23: 426-442.

Calvo, M.S., A. C. Gerry, J. McGarvey, T. L. Armitage, F. M. Mitloehner. 2010. Acidification of calf bedding reduces fly development and bacterial abundance. *Journal of Dairy Science*. 93:1059-1064.

Chakrabarti, S., D. J. King, C. Afonso, D. Swayne, C. J. Cardona, D. R. Kuney, and A. C. Gerry. 2007. Detection and Isolation of Exotic Newcastle Disease Virus from Field-Collected Flies. *Journal of Medical Entomology* 44(5): 840-844.

Chakrabarti, S, S. Kambhampati, and L. Zurek (2010). Assessment of house fly dispersal between rural and urban habitats in Kansas, USA. *Journal of Kansas Entomological Society* 83:172-188.

Crane, D. M. and R. D. Moon. 2010. Checklist of mosquitoes in Savanna Portage State park, north central Minnesota. *J. Am. Mosq. Control. Assoc.* 26: 324-327.

Deacutis, J. M., C. A. Leichter, A. C. Gerry, D. A. Rutz, W. D. Watson, C. J. Geden, and J. G. Scott. 2006. Susceptibility of field collected house flies to spinosad before and after a season of use. *Journal of Agricultural and Urban Entomology* 23(2): 105-110.

Diclaro, II J.W., L.W. Cohnstaedt, R.M. Pereira, S.A. Allan, and P.G. Koehler. 2012. Behavioral and physiological response of *Musca domestica* to colored visual targets. *Journal of Medical Entomology*. Vol. 49: p. 94-100.

Diclaro, J.W., J.C. Hertz, R.M. Welch, P.G. Koehler, and R.M. Pereira. 2011. Integration of fly baits, traps, and cords to kill house flies (Diptera: Muscidae) and reduce annoyance. *Journal of Entomological Science* (in press).

Doud C.W., and L. Zurek. 2012. *Enterococcus faecalis* OG1RF:pMV158 survives and proliferates in the house fly digestive tract. *Journal of Medical Entomology* 9:15-155.

Doyle, M. S., B.N. Swope, J.A. Hogsette, H.M. Savage and R.S. Nasci. 2011. Vector competence of the stable fly (Diptera: Muscidae) for West Nile virus. *J. Med. Entomol.* 48: 656-668.

Floate, K.D., Coghlin, P.C. and Taylor, D. B.. 2008. An update on the diversity of *Wolbachia* in *Spalangia* spp. (Hymenoptera: Pteromalidae). *Biocontrol Science and Technology* 18: 733 - 739.

Geden, C.J. and P.E. Kaufman. 2007. Development of *Spalangia cameroni* and *Muscidifurax raptor* (Hymenoptera: Pteromalidae) on live house fly (Diptera: Muscidae) pupae and pupae killed by heat shock, irradiation and cold. *Environmental entomology*. *Environmental Entomology* 36: 34-39.

- Geden C. J., V. Lietze, and D.G. Boucias. 2008. Seasonal prevalence and transmission of salivary gland hypertrophy virus of house flies (Diptera: Muscidae). *Journal of Medical Entomology* 45: 42-51.
- Geden, C. J., D. E. Szumlas and T.W. Walker. 2009. Evaluation of commercial and field-expedient baited traps for house flies, *Musca domestica* L. (Diptera: Muscidae). *J. Vector Ecol.* 34(1): 99-103.
- Geden, C. J. and R.D. Moon. 2009. Host ranges of gregarious muscoid fly parasitoids: *Muscidifurax raptorellus* (Kogan and Legner) (Hymenoptera: Pteromlaidae), *Tachinaephagus zealandicus* Ashmead (Hymenopter: Encyrtidae), and *Trichopria nigra* (Nees) (Hymenoptera: Diapriidae). *Environ. Entomol.* 38(3): 700-707.
- Geden, C. J., T. Steenberg, V.-U. Lietze, and D. G. Boucias. 2010. Salivary gland hypertrophy virus of house flies in Denmark: Prevalence, host range, and comparison with a Florida isolate. *J. Vector Ecol.* (in press).
- Geden, C. J., A. G. Maruniak, V.-U. Lietze, J. Maruniak, and D. G. Boucias. 2011. Impact of house fly salivary gland hypertrophy virus (MdSGHV) on a heterologous host, stable fly (*Stomoxys calcitrans*). *J. Med. Entomol.* (in press).
- Gerry A, Zhang D. 2009. Behavioral resistance of house flies, *Musca domestica* (Diptera: Muscidae) to Imidacloprid. *Army Med Dept J.* July-September 2009: 54-59.
- Gerry, A. C., Wayadande, A. C., Talley, J. L., Wasala, L. P. 2010. Protecting food crops from contamination with filth fly transmitted human pathogens. *HortScience* 45(8). p.S 33. Annual Conference of the American Society for Horticultural Science. Palm Springs, CA.
- Gerry, A.C., Mullens, B.A. Efficacy of dimilin for control of house flies in poultry and dairy manure. *Arthropod Management Tests* 35 (on line).
- Gerry, A. C., G. Higginbotham, L. Pereira, A. Lam, and C. Shelton. 2011. Evaluation of Surveillance Methods for Monitoring House Fly Abundance and Activity on Large Commercial Dairy Operations. *Journal of Economic Entomology*. Vol. 104: 3 p.1093-1102.
- Hamm, R. L., Gao, J.-R., Lin, G. G.-H. and Scott, J. G. 2009. Selective advantage for III<sup>M</sup> males over Y<sup>M</sup> males in competition over 12 generations in *Musca domestica* L. (Diptera: Muscidae) *Environ. Entomol.* 38: 499-504.
- Hamm, R. L. and Scott, J. G. 2009. A high frequency of male determining factors in male house flies, *Musca domestica* L. (Diptera: Muscidae), from Ipswich, Australia. *J. Med. Entomol.* 46: 169-172.
- Hertz, J.C., R.M. Pereira, P.G. Koehler, 2011. House Fly (Diptera: Muscidae) resting preference on various cords and potential of fipronil- or indoxacarb- impregnation on cords for fly control. *Journal of Entomological Science*. Vol. 46: p. 325-334.

- Higginbotham, G. E., L. N. Pereira, and A. C. Gerry. 2009. Improving IPM of house flies at commercial dairy operations through pest monitoring and determination of nuisance threshold. *J. Dairy Sci.* 92: 413, E-Suppl. 1.
- Higginbotham, G., Gerry, A., Collar, C., Reed, L. 2010. Nuisance fly production capacity of three types of manure handling systems. *J. Dairy Sci.* Vol. 93, E-Suppl. 1. p.610.
- Hoffmann, W. C., M. Farooq, T. W. Walker, B. Fritz, D. Szumlas, B. Quinn, U. R. Bernier, J. A. Hogsette, Y. Lan, and Y. Huang. 2009. Canopy penetration and deposition of barrier sprays from electrostatic and conventional sprayers. *J. Am. Mosq. Control Assn.* 25: 323-331.
- Hogsette, J. A., A. Nalli and L. D. Foil. 2008. Evaluation of Different Insecticides and Fabric Types for Development of Treated Targets for Stable Fly (Diptera: Muscidae) Control. *J. Econ. Entomol.* 101: 1034-1038.
- Hogsette, J. A. 2008. House fly (Diptera: Muscidae) ultraviolet light traps: Design affects attraction and capture, pp. 193-196. *In* W.H. Robinson, W. H. and D. Bajomi, D. [eds.], *Proceedings of the 6th International Conference on Urban Pests*, OOK-Press Kft., Budapest, Hungary.
- Hogsette, J.A., H. A. Hanafi, U. R. Bernier, D. L. Kline, E. Y. Fawaz, B. D. Furman and D. F. Hoel. 2008. Discovery of diurnal resting sites of phlebotomine sand flies in a village in southern Egypt. *J. Am. Mosq. Cntrl. Assn.* 24: 601-603.
- Jarzen, D. A. and J. A. Hogsette. 2008. Pollen recovered from the exoskeleton of stable flies, *Stomoxys calcitrans* (L.). *Palynology* 32: 77-81.
- Hogsette, J. A., R. Urech, P. E. Green, A. G. Skerman, M. M. Elson-Harris, R. L. Bright, and G. W. Brown. 2012. Nuisance flies on Australian cattle feedlots: Immature populations. *Med. Vet. Entomol.* 26: 46-55.
- Holt, P. S., C. J. Geden, R. W. Moore, and R. K. Gast. 2007. Isolation of *Salmonella enterica* serovar enteritidis from houseflies (*Musca domestica*) found in rooms containing *Salmonella* serovar enteritidis-challenged hens. *Applied and Environmental Microbiology* 73: 6030-6035.
- Kaufman, P. E., C. Strong, and D.A. Rutz. 2008. Susceptibility of lesser mealworm (Coleoptera:Tenebrionidae) adults and larvae exposed to two commercial insecticides on unpainted plywood panels. *Pest Management Science* 64: 108-111.
- Kaufmann, P. E., A. C. Gerry, D. A. Rutz, and J. G. Scott. 2008. Monitoring susceptibility of house flies (*Musca domestica* L.) in the United States to Imidacloprid. *Journal of Agricultural and Urban Entomology* 23(4): 195-200.

Kaufman, P.E., L.A. Wood, J.I. Goldberg, S.J. Long and D.A. Rutz. 2008. Host age and pathogen exposure level as factors in the susceptibility of *Musca domestica* (Diptera: Muscidae) to *Beauveria bassiana*. *Biocontrol Science and Technology* 18: 841-847.

Kaufman, P.E. and C.J. Geden. 2009. Development of *Spalangia cameroni* and *Muscidifurax raptor* (Hymenoptera: Pteromalidae) on live and freeze-killed house fly (Diptera: Muscidae) pupae. *Florida Entomologist*, 92: 492-496.

Kaufman, P.E., S. Nunez, R.S. Mann, C.J. Geden and M.E. Scharf. 2010. Nicotinoid and pyrethroid insecticide resistance in house flies (Diptera: Muscidae) collected from Florida dairies. *Pest Management Science* 66: 290-294.

Kaufman, P.E., S.C. Nunez, C.J. Geden, and M.E. Scharf. 2010. Selection for resistance to imidacloprid in the house fly (Diptera: Muscidae). *Journal of Economic Entomology* 103: 1937-1942.

Kaufman, P.E., R.S. Mann, and J.F. Butler. 2011. Insecticidal potency of novel compounds on multiple insect species of medical and veterinary importance. *Pest Management Science* 67: 26-35.

Kozaki, T., Brady, S. and Scott, J. G. 2009. Frequencies and evolution of organophosphate insensitive acetylcholinesterase alleles in laboratory and field populations of the house fly, *Musca domestica* L. *Pestic. Biochem. Physiol.* 95: 6-11.

Lee, K. V., R. D. Moon, E. C. Burkness, W. D. Hutchison, and M. Spivak. 2010. Practical sampling plans for *Varroa destructor* (Acari: Varroidae) in *Apis mellifera* (Hymenoptera: Apidae) colonies and apiaries. *J. Econ. Entomol.* 103: 1039-1050.

Lietze, V., C. J. Geden, P. Blackburn, and D G. Boucias. 2007. Effects of salivary gland hypertrophy virus on the reproductive behavior of the housefly, *Musca domestica*. *Applied and Environmental Microbiology* 73: 6811-6818.

Lietze, V.U., K. Simms, T. Z. Salem, C. J. Geden, and D. G. Boucias. 2009. Transmission of MdSGHV among adult house flies, *Musca domestica* (Diptera: Muscidae), occurs via oral secretions and excreta. *J. Invertebrate Pathol.* 101:49-55.

Lietze, V-U., A. M. M. Abd-Alla, M. Vreysen, C. J. Geden, and D. G. Boucias. 2011. Salivary gland hypertrophy viruses (SGHVs): a novel group of insect pathogenic viruses. *Annual Review of Entomol.* 56:63-80.

Lloyd, A. M., D. L. Kline, J. A. Hogsette, P. E. Kaufman and S. A. Allen. 2008. Evaluation of two commercial traps for the collection of *Culicoides* (Diptera: Ceratopogonidae). *J. Am. Mosq. Cntrl. Assn.* 24: 253-262.

- Macovei, L. and L. Zurek. 2007. Influx of enterococci and associated antibiotic resistance and virulence genes from ready-to-eat food to the human digestive tract. *Applied and Environmental Microbiology* 73: 6740-6747.
- Macovei, L., B. Miles, and L. Zurek. 2008. The potential of house flies to contaminate ready-to-eat food with antibiotic resistant enterococci. *Journal of Food Protection* 71: 432-439.
- Mann, R.S., P.E. Kaufman, and J.F. Butler. 2010. Evaluation of semiochemical toxicity to houseflies and stable flies (Diptera: Muscidae). *Pest Management Science* 66: 816-824.
- Mramba F., A. Broce, and L. Zurek. 2007. Vector competence of stable flies (*Stomoxys calcitrans* L.) for *Enterobacter sakazakii*. *Journal of Vector Ecology* 69: 671-673.
- Mohr, R., B. A. Mullens, and A. C. Gerry. 2011. Diel Patterns of Female Host-Seeking, Male Swarming, and Sugar Feeding in the “Canyon Fly”, *Fannia conspicua* (Diptera: Muscidae) in Southern California. *Journal of Medical Entomology*. Vol. 48: p.188-195.
- Mohr, R., B. A. Mullens, and A. C. Gerry. 2011. Evaluation of ammonia, human sweat, and bovine blood as attractants for the female canyon fly, *Fannia conspicua* (Diptera: Muscidae), in southern California. *Journal of Vector Ecology*. Vol. 36: 1 p.55-58.
- Mullens, B. A. , Gerry, Alec. , Diniz, A. N. 2010. Field and Laboratory Trials of a Novel Metaflumizone House Fly (Diptera: Muscidae) Bait in California. *Journal of Economic Entomology*. Vol. 103: 2 p.550-556.
- Müller, G. C., J. A. Hogsette, V. D. Kravchenko, E. E. Revay and Y. Schlein. 2011. New records and ecological remarks regarding the tribe Stomoxyini (Diptera: Muscidae) from Israel. *J. Vector Ecol.* 36: 468-470.
- Müller, G. C., J. A. Hogsette, E. E. Revay ,V. D. Kravchenko and Y. Schlein 2011. New records for the horse fly fauna (Diptera: Tabanidae) of Jordan with remarks on ecology and zoogeography. *J. Vector Ecol.* 36: 447-450.
- Peck, G. W., H. J. Ferguson, J. T. LePage, V. R. Hebert, S. D. O’Neal, and D. B. Walsh. 2011. Evaluation of sunlight-exposed pyrethroid-treated netting for control of face fly (Diptera: Muscidae). *J. Econ. Entomol.* (submitted)
- Olafson, P.U., S. E. Dowd, and K.H. Lohmeyer. 2010. Analysis of expressed sequence tags from a significant livestock pest, the stable fly (*Stomoxys calcitrans*), identified transcripts with a putative role in chemosensation and sex determination. *Archives of Insect Biochemistry and Physiology*. Vol. 74: p. 179-204.
- Olafson, P.U., J.B. Pitzer, and P.E. Kaufman. 2011. Identification of a mutation associated with permethrin resistance in the *para*-type sodium channel of the stable fly (Diptera: Muscidae). *Journal of Economic Entomology*. Vol 104:1 p. 250-257.

Paluch, G., J. Coats, J. Zhu and L. Bartholomay. Amyris and Siam-wood Essential Oils: Insect Activity of Sesquiterpenes 2009. American Chemistry Society. pp 1-16.

Park, C., R. Lyman, W. Watson, and K. Anderson. (In Review). Evaluation of the stable fly (*Stomoxys calcitrans* (L.)) as a potential vector of *Staphylococcus aureus* in bovine mastitis. J. Dairy Science.

Pitkin A, Deen J, Otake S, Moon R, Dee S. 2009. Further assessment of houseflies (*Musca domestica*) as vectors for the mechanical transport and transmission of porcine reproductive and respiratory syndrome virus under field conditions. Can J Vet Res. 73(2):91-96.

Pitzer, J.B., P.E. Kaufman, C.J. Geden, and J.A. Hogsette. 2011. The ability of selected pupal parasitoids (Hymenoptera: Pteromalidae) to locate stable fly hosts in a soiled equine bedding substrate. Environmental Entomology 40: 88-93.

Pitzer, J.B., P.E. Kaufman, J.A. Hogsette, C.J. Geden, and S.H. TenBroeck. 2011. Seasonal abundance of stable flies and filth fly pupal parasitoids (Hymenoptera: Pteromalidae) at Florida equine facilities. Journal of Economic Entomology 104: 1108-1115.

Pitzer, J.B., P.E. Kaufman, S.H. TenBroeck, and J.E. Maruniak. 2011. Host blood meal identification by multiplex polymerase chain reaction for dispersal evidence of stable flies (Diptera: Muscidae) between livestock facilities. Journal of Medical Entomology. 48: 53-60.

Prompiboon P, Lietze VU, Denton JS, Geden CJ, Steenberg T, Boucias DG. 2010. *Musca domestica* salivary gland hypertrophy virus, a globally distributed insect virus that infects and sterilizes female houseflies. Appl. Environ. Microbiol. 76: 994-998

Quinn, B., U. R. Bernier, C. J. Geden, J. A. Hogsette, and D. A. Carlson. 2007. Analysis of extracted components in blackstrap molasses. Journal of Chromatography, Series A. 1139: 279-284.

Quinn, B. Q., U. R. Bernier and J.A. Hogsette. 2008. Chemical analysis and identification of compounds present in stable fly (*Stomoxys calcitrans* (L.)) feces. Proceedings of the 56th ASMS Conference on Mass Spectrometry and Allied Topics, June 1-5, 2008, Denver, CO.

Rinkevich, F.D., R.L. Hamm, C.J. Geden and J.G. Scott. 2007. Dynamics of insecticide resistance alleles in house fly populations from New York and Florida. Insect Biochemistry and Molecular Biology 37:550-558.

Rochon, K, R. B. Baker, G. W. Almond and D. W. Watson. 2011. Assessment of *Stomoxys calcitrans* (Diptera: Muscidae) as a Vector of Porcine Reproductive and Respiratory Syndrome Virus. J. Med. Entomol. 48: 876-883.

Romero, A., J. A. Hogsette and A. Coronado. 2010. Distribution and abundance of natural parasitoid (Hymenoptera: Pteromalidae) populations of house flies and stable flies (Diptera:

Muscidae) at the University of Florida Dairy Research Unit. *Neotropical Entomol.* (Accepted Dec, 2009).

Schole, L.A., D.B. Taylor, and D.R. Brink. 2011. Response of growing calves to stable flies. *The Professional Animal Scientist* 27: 133-140.

Scott, J. G., Liu, N., Kristensen, M. and Clark, A. G. 2009. A case for sequencing the genome of the house fly, *Musca domestica* (Diptera: Muscidae). *J. Med. Entomol.* 46: 175-82.

Talley J., A. Broce, and L. Zurek (2009). Characterization of the stable fly (Diptera: Muscidae) larval developmental habitat at round hay bale feeding sites. *Journal of Medical Entomology* 46: 1310-1319

Talley, J. L., A. C. Wayadande, L. P. Wasala, A. C. Gerry, J. Fletcher, U. DeSilva, and S. E. Gilliland. 2009. Association of *Escherichia coli* O157:H7 with filth flies (Muscidae and Calliphoridae) captured in leafy greens fields and experimental transmission of *E. coli* O157:H7 to spinach leaves by house flies (Diptera: Muscidae). *Journal of Food Protection.* 72(7): 1547-1552.

Tangtrakulwanich, K., H. Chen, F. Baxendale, G. Brewer, and J. J. Zhu. 2011. Characterization of olfactory sensilla of *Stomoxys calcitrans* and electrophysiological responses to odorant compounds associated with hosts and oviposition media. *Med. Vet. Entomol.* 25 (3): 327–336.

Taylor, D. B., D. R. Berkebile, and P. J. Scholl. 2007. Stable fly population dynamics in eastern Nebraska in relation to climatic variables. *Journal of Medical Entomology* 44: 765-771.

Taylor, D. B. and Berkebile, D. R. 2008. Sugar feeding in adult stable flies. *Environ. Entomol.* 37: 625-629.

Taylor, D. B., R. D. Moon, J. B. Campbell, D. R. Berkebile, P. J. Scholl, A. B. Broce and J. Hogsette. 2010. Dispersal of stable flies (Diptera: Muscidae) from larval development sites in a Nebraska landscape. *Environ. Entomol.* 39: 1101-1110.

Taylor, D.B., and D. R. Berkebile. 2011. Phenology of Stable Fly (Diptera: Muscidae) Larvae in Round Bale Hay Feeding Sites in Eastern Nebraska. *Environ. Entomol.* 40: 184-193.

Taylor, D.B., R.D. Moon, and D.R. Mark. 2012. Economic Impact of Stable Flies (Diptera: Muscidae) on Cattle Production. *J. Med. Entomol.* 49: 198-209.

Taylor, D.B., K. Hale, J.J. Zhu, and K. Sievert. 2012. Efficacy of cyromazine to control immature stable flies (Diptera: Muscidae) developing in winter hay feeding sites. *J. Econ. Entomol.* 105: 726-731.

Turell, M. J., D. J. Dohm, C. J. Geden, J. A. Hogsette, K. J. Linthicum. 2010. Potential for stable flies and house flies (Diptera: Muscidae) to transmit Rift Valley fever virus. *J. Am. Mosq. Control Assoc.* 26:445-448.



Urech, R., R. L. Bright, P. E. Green, G. W. Brown, J. A. Hogsette, A. G. Skerman, M. M. Elson-Harris, D. G. Mayer. 2012. Temporal and spatial trends in adult nuisance fly populations on Australian cattle feedlots. *Australian J. Entomol.* (Accepted 13 October 2011). (in press)

Wasik, D., Gerry, A. 2010. Behavioral adaptations of house flies (*Musca domestica* L.) to avoid the insecticide imidacloprid. *Undergraduate Research Journal*, Vol. IV. . University of California, Riverside. p.39-43. (Refereed) Website: <http://ugrj.ucr.edu/>.

Watson, D. W., C. K. Boohene, S. S. Denning, S. M. Stringham. 2007. Tank Mixes: Consequences of Using Insecticide and Disinfectant Mixtures to Reduce Flies and Bacteria. *J. Applied Poultry Res.* 17: 93-100.

Watson, D. W., E. Lastro, K. Rochon, S. Denning, L. Smith and J. Guy. 2007. Role of house flies in the transmission of Newcastle disease virus. *Journal of Medical Entomology* 44: 666-671.

Watson, D. W., S. S. Denning, D. Calibeo-Hayes, S. M. Stringham and R. A. Mowery. 2007. Comparison of two fly traps for the management of horse flies (Diptera: *Tabanidae*). *Journal of Entomological Science* 42: 123-132.

Wienhold, B.J., and D.B. Taylor. 2012. Substrate properties of stable fly (Dipera: Muscidae) developmental sites associated with round bale hay feeding sites in eastern Nebraska. *Environ. Entomol.* 41: 213-221.

Wood, L.A. and P.E. Kaufman. 2008. *Euoniticellus intermedius* (Coleoptera: Scarabaeidae: Scarabaeinae: Tribe Coprini): Its presence and relative abundance in cattle pastures in Northcentral Florida. *Florida Entomologist*, 91: 128-130.

Zhu, Junwei J., X. Zeng, D. Berkebile, H. Du, Y. Tong, and K. Qian. Efficacy and safety of catnip (*Nepeta cataria*) as a novel filth fly repellent. 2009 *Medical and Veterinary Entomology* 23:209-216.

Zhu, J., D. Berkebile, C. Dunlap, A. Zhang, D. Boxler, K. Tangtrakulwanich, R. Behle, F. Baxendale, G. Brewer. 2011. Nepetalactones from essential oil of *Nepeta cataria* represent a stable fly feeding and ovipositional repellent. *Med. Vet. Entomol.* DOI: 10.1111/j.1365-2915.2011.00972.x.

Zhu, J., A. Y. Li, S. Pritchard, K. Tangtrakulwanich, F. P. Baxendale, and G. Brewer. 2011. Contact and fumigant toxicity of a botanical-based feeding deterrent of the stable fly, *Stomoxys calcitrans* (Diptera: Muscidae). *J. Agric. Food Chem.* 59 (18): 10394-10400.

***Invited Chapters:***

Hinkle, Nancy C. and Leslie A. Hickle. 2008. "External Parasites and Poultry Pests." Chapter 26 in *Diseases of Poultry*, 12<sup>th</sup> Edition, Mo Saif, ed., Wiley-Blackwell Publishers, Ames, IA.

Moon, R. D. 2009. Chapt. 16. Muscid flies (Muscidae) (revised), pp. 267–287 in: Mullen, G. and L. Durden (eds.), *Medical and Veterinary Entomology*, 2<sup>nd</sup> ed., Academic Press, NY. 720 pp.

Moon, R. D. 2012. Design of tables and figures for display of scientific data. Chapter 7, in *Scientific Communication for Natural Resource Professionals*, American Fisheries Society, *in press*.

Zhu, J. 2011. Contact and spatial repellency from catnip essential, *Nepeta cataria*, against stable fly, *Stomoxys calcitrans*, and other filth flies, pp 79-96. in "Recent Developments in Invertebrate Repellents" (eds. Coats and Paluch). Am. Chem. Soc., Vol. 1090.

### ***Extension Publications:***

Anderson, M., and P.E. Kaufman. 2011. Common green bottle fly, sheep blow fly, *Lucillia sericata* (Meigen) (Insecta: Diptera: Calliphoridae). *Featured Creatures*. 4 pp. EENY-406. [http://entomology.ifas.ufl.edu/creatures/livestock/flies/lucilia\\_sericata.htm](http://entomology.ifas.ufl.edu/creatures/livestock/flies/lucilia_sericata.htm)

Berkebile, D. and D. Taylor. 2009. Comparison of developmental substrates of the immature stable fly (*Stomoxys calcitrans*). Poster presentation. ESA Annual Meeting, Indianapolis, IN. December 12-16.

Boxler, D. J. 2011. Do You Have an Effective Fly Control Program In Place. Tri-State Livestock News.

Boxler, D. J. 2011. Revision of Nebraska Management Guide for Arthropod Pests of Livestock and Horses – EC1550.

Diaz, L.A., and P.E. Kaufman. 2011. A flesh fly, *Sarcophaga crassipalpis* Marquart (Insecta: Diptera: Sarcophagidae). *Featured Creatures*. 6 pp. EENY-503. [http://entnemdept.ifas.ufl.edu/creatures/misc/flies/sarcophaga\\_crassipalpis.htm](http://entnemdept.ifas.ufl.edu/creatures/misc/flies/sarcophaga_crassipalpis.htm)

Ferguson, H. 2010. Estimating horn fly density in your cattle herd. Washington Animal Agricultural Team Round-Up summer e-newsletter and Washington Cattlemens Association September newsletter *Ketch Pen*.

Ferguson, H. J. Livestock: Beef cattle pests. Revised section for 2011 Pacific Northwest Insect Management Handbook, (<http://uspest.org/pnw/insects> (also available in hard-copy)

Ferguson, H. J. 2011. Livestock: Beef cattle pests. Revised section for 2012 Pacific Northwest Insect Management Handbook, (<http://uspest.org/pnw/insects> (also available in hard-copy).

Fitzpatrick, D. and P.E. Kaufman. 2011. Horn fly, *Haematobia irritans irritans* (Linnaeus) Insecta: Diptera: Muscidae). *Featured Creatures*. 7 pp. EENY-490 (IN885)  
<http://edis.ifas.ufl.edu/in885>

Gerry, A. C., B. A. Mullens, and N. G. Peterson. 2007. Predicting and Controlling Stable Flies on California Dairies. Oakland: University of California, Division of Agriculture and Natural Resources. Publication 8258. pp. 1-11.

Gerry, A. C. and N. G. Peterson. 2007. Stable Flies and March Rains. *Progressive Dairyman Magazine*. March Issue. pp. 1-2.

Gerry, A. C. 2009. Attraction of house flies to homopteran honeydew. *MVCAC Quarterly Newsletter*, Spring 2009.

Gerry, A. C. and B. A. Mullens. 2009. Efficacy of dimilin for control of house flies in poultry and dairy manure, 2008. *Arthropod Management Tests*. In Press.

Gerry, A. C. and D. Zhang. 2009a. House fly resistance to imidacloprid in California, 2008. *Arthropod Management Tests*. 34:K1.

Gerry, A. C. and D. Zhang. 2009b. House fly resistance to permethrin in California, 2008. *Arthropod Management Tests*. 34:K2.

Gerry, A. 2010. New cattle ear tag for horn fly management. *California UC Cooperative Extension Newsletters*.

Golombeski, G., J. Starcevich and R. D. Moon. 2010. Impact of bedding source on calf performance during summer. *Dairy Star Newsletter*. 1 p.

Hinkle, N.C. 2008. "Animals: Fly Control in Livestock Facilities." 2008 Georgia Pest Management Handbook, pp. 714-715.

Hinkle, N.C. 2008. "Beef Cattle External Parasite and Grub Control." 2008 Georgia Pest Management Handbook, pp. 716-730.

Hinkle, N.C. 2008. "Dairy Cattle External Parasite and Cattle Grub Control." 2008 Georgia Pest Management Handbook, pp. 731-744.

Hinkle, N.C. 2008. "Cattle Ear Tags." 2008 Georgia Pest Management Handbook, p. 745.

Hinkle, N.C. 2008. "Swine – External Parasite Control." 2008 Georgia Pest Management Handbook, pp. 746-748.

Hinkle, N.C. 2008. "Horses – External Parasite Control." 2008 Georgia Pest Management Handbook, pp. 749-750.

- Hinkle, N.C. 2008. "Fly Control in Horse Facilities." 2008 Georgia Pest Management Handbook, pp. 751-752.
- Hinkle, N.C. 2008. "Sheep and Goats – External Parasite Control." 2008 Georgia Pest Management Handbook, pp. 753-754.
- Hinkle, N.C. 2008. "Poultry – Fly Control." 2008 Georgia Pest Management Handbook, pp. 755-757
- Hinkle, N.C. 2008. "Poultry External Parasite Control." 2008 Georgia Pest Management Handbook, p. 758.
- Hinkle, N.C. 2008. "Poultry Housing Pest Control." 2008 Georgia Pest Management Handbook, p. 759.
- Hinkle, N.C. 2009. "Animals: Fly Control in Livestock Facilities." 2009 Georgia Pest Management Handbook, pp. 740-741.
- Hinkle, N.C. 2009. "Beef Cattle External Parasite and Grub Control." 2009 Georgia Pest Management Handbook, pp. 742-756.
- Hinkle, N.C. 2009. "Dairy Cattle External Parasite and Cattle Grub Control." 2009 Georgia Pest Management Handbook, pp. 757-771.
- Hinkle, N.C. 2009. "Cattle Ear Tags." 2009 Georgia Pest Management Handbook, p. 772.
- Hinkle, N.C. 2009. "Swine – External Parasite Control." 2009 Georgia Pest Management Handbook, pp. 773-776.
- Hinkle, N.C. 2009. "Horses – External Parasite Control." 2009 Georgia Pest Management Handbook, pp. 777-779.
- Hinkle, N.C. 2009. "Fly Control in Horse Facilities." 2009 Georgia Pest Management Handbook, pp. 779-780.
- Hinkle, N.C. 2009. "Sheep and Goats – External Parasite Control." 2009 Georgia Pest Management Handbook, pp. 781-782.
- Hinkle, N.C. 2009. "Poultry – Fly Control." 2009 Georgia Pest Management Handbook, pp. 783-785.
- Hinkle, N.C. 2010. "Animals: Fly Control in Livestock Facilities." 2010 Georgia Pest Management Handbook, pp. 30-31.
- Hinkle, N.C. 2010. "Beef Cattle External Parasite and Grub Control." 2010 Georgia Pest Management Handbook, pp. 32-46.

Hinkle, N.C. 2010. "Dairy Cattle External Parasite and Cattle Grub Control." 2010 Georgia Pest Management Handbook, pp. 47-61.

Hinkle, N.C. 2010. "Cattle Ear Tags." 2010 Georgia Pest Management Handbook, p. 62.

Hinkle, N.C. 2010. "Swine – External Parasite Control." 2010 Georgia Pest Management Handbook, pp. 63-66.

Hinkle, N.C. 2010. "Horses – External Parasite Control." 2010 Georgia Pest Management Handbook, pp. 67-69.

Hinkle, N.C. 2010. "Fly Control in Horse Facilities." 2010 Georgia Pest Management Handbook, pp. 69-70.

Hinkle, N.C. 2010. "Sheep and Goats – External Parasite Control." 2010 Georgia Pest Management Handbook, pp. 71-72.

Hinkle, N.C. 2010. "Poultry – Fly Control." 2010 Georgia Pest Management Handbook, pp. 73-75.

Hinkle, N.C. 2010. "Poultry External Parasite Control." 2010 Georgia Pest Management Handbook, p. 76.

Hinkle, N.C. 2010. "Poultry Housing Pest Control." 2010 Georgia Pest Management Handbook, pp. 77-78.

Hinkle, N.C. 2011. "Animals: Fly Control in Livestock Facilities." 2011 Georgia Pest Management Handbook, pp. 728-729.

Hinkle, N.C. 2011. "Beef Cattle External Parasite and Grub Control." 2011 Georgia Pest Management Handbook, pp. 730-744.

Hinkle, N.C. 2011. "Dairy Cattle External Parasite and Cattle Grub Control." 2011 Georgia Pest Management Handbook, pp. 745-758.

Hinkle, N.C. 2011. "Cattle Ear Tags." 2011 Georgia Pest Management Handbook, p. 759.

Hinkle, N.C. 2011. "Fly Control in Horse Facilities." 2011 Georgia Pest Management Handbook, pp. 766-767.

Hinkle, N.C. 2011. "Poultry – Fly Control." 2011 Georgia Pest Management Handbook, pp. 770-772.

Hogsette, J.A., P.G. Koehler and P.E. Kaufman. 2009. Pesticide Safety Around Animals. Gainesville, FL: IFAS Communications. 4 pp. DLN: IG128 (Revised).

- Juneau, K.J. and P.E. Kaufman. 2009. Little Blue Cattle Louse, *Solenopotes capillatus* (Enderlein) (Insecta: Phthiraptera: Anoplura: Linognathidae). Gainesville, FL: IFAS Communications. 4 pp. EENY-422 (IN798).
- Kaufman, P.E., P.G. Koehler and J.F. Butler. 2008. How do external parasites impact dairy cattle? *Progressive Dairyman*. January, Issue 1. pp. 31-35.
- Kaufman, P.E., P.G. Koehler and J.F. Butler. 2009. External Parasites Around Animal Facilities. Gainesville, FL: IFAS Communications. 10 pp. DLN: IG054 (Revised).
- Kaufman, P.E., P.G. Koehler and J.F. Butler. 2009. External Parasites of Dairy Cattle. Gainesville, FL: IFAS Communications. 24 pp. DLN: IG050 (Revised).
- Kaufman, P.E., P.G. Koehler and J.F. Butler. 2009. External Parasites on Beef Cattle. Gainesville, FL: IFAS Communications. 24 pp. DLN: IG130 (Revised).
- Kaufman, P.E., P.G. Koehler and J.F. Butler. 2009. External Parasites on Horses. Gainesville, FL: IFAS Communications. 24 pp. DLN: IG139 (Revised).
- Kaufman, P.E., P.G. Koehler and J.F. Butler. 2009. Management of External Parasites with Forced-Use Dust Bags. Gainesville, FL: IFAS Communications. 7 pp. DLN: IG135 (Revised).
- Kaufman, P.E. 2011. Where Are All of those Flies Coming From? The Answer May Surprise You. *Proceedings of the Florida Equine Institute & Allied Trade Show*. Ocala, FL. 09/15/2011.
- Kaufman, P.E. 2011. University of Florida Veterinary Entomology program web site: <http://entnemdept.ifas.ufl.edu/kaufman/vetentlab/>
- Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2011. External Parasites on Beef Cattle. Gainesville, FL: IFAS Communications. 24 pp. DLN: IG130 (Revised). [http://edis.ifas.ufl.edu/document\\_ig130](http://edis.ifas.ufl.edu/document_ig130)
- Koehler, P.G. and P.E. Kaufman. 2009. Horn Flies. Gainesville, FL: IFAS Communications. 3 pp. DLN: IG137 (Revised).
- Linthicum, K., S.A. Allan, D.R. Barnard, J.J. Becnel, U.R. Bernier, D.A. Carlson, G.G. Clark, C.J. Geden, J.A. Hogsette, D.L. Kline. 2008. Overview of the mosquito research programs at the United States Department of Agriculture – Agricultural Research Service, Center for Medical, Agricultural and Veterinary Entomology. *Wing Beats* 19 (1):31-36.
- Loftin, K., S. Brazil and J. Pennington. 2008. Fly Control for Organic Dairies. Univ. of Ark. Div. of Ag. Coop. Ext. Service Pub. FSA 7072-PD-2-08N.

Loftin, K.M. and R.F. Corder. 2010. "Arthropod Pests of Equines (MP 484)", University of Arkansas Div. of Ag. Coop. Ext. Service Pub. MP484-PD-6-10N, 14 pages. ([http://www.uaex.edu/Other\\_Areas/publications/PDF/MP484.pdf](http://www.uaex.edu/Other_Areas/publications/PDF/MP484.pdf))

Loftin, K.M. 2010. "Animal Insect Control" 2011 Insecticide Recommendations for Arkansas (MP144). Edited by Glenn Studebaker, pp. 27-56. ([http://www.uaex.edu/Other\\_Areas/publications/PDF/MP144/MP-144.asp](http://www.uaex.edu/Other_Areas/publications/PDF/MP144/MP-144.asp))

Loftin, K.M. 2010. "Face Flies Appear on Cattle in North Arkansas." University of Arkansas Div. of Ag. Pest Management News May 31, 2010. (<http://www.aragriculture.org/News/pestmgmt/default.htm>)

Loftin, K.M. 2010. "New Insecticide Ear Tags." University of Arkansas Div. of Ag. Pest Management News July 31, 2010. (<http://www.aragriculture.org/News/pestmgmt/default.htm>).

Loftin, K.M. 2011. Animal Insect Control and Pasture Chapters of the 2011 Insecticide Recommendations for Arkansas (MP 144), Glenn Studebaker (editor), 23 pp.

Loftin, K.M. and R.F. Corder. 2011. Arthropod Pests of Equines (MP 484). University of Arkansas Div. of Ag. Coop. Ext. Service Pub. MP484-PD-6-10N, 14 pages.

Loftin, K.M. and R.F. Corder. 2011. Controlling Horn Flies on Cattle (FSA 7031). University of Arkansas Div. of Ag. Coop. Ext. Service Pub. FSA 7031 PD 12-09RV. 6 pp.

Machtinger, E. and P.E. Kaufman. 2011. Eye gnats, grass flies, eye flies, fruit flies, *Liohippaelates* spp. (Insecta: Diptera: Chloropidae). 6 pp. EENY-485 (IN485). <http://edis.ifas.ufl.edu/in884>.

Martin, G.P. 2008. Evaluation of Manure Prior to Spreading – A Best Management Practice. <http://www.personal.psu.edu/gpm10/ManIPM08.pdf>.

Martin, G.P. 2008. A Speck Card Count Sheet for IPM Scouting <http://www.personal.psu.edu/gpm10/SpeckCounter.pdf>.

Martin, G.P. 2010. House Fly Monitoring Programs (vector control) for FDA and other HACCP programs (review). [http://www.personal.psu.edu/gpm10/monitoring\\_haccp.html](http://www.personal.psu.edu/gpm10/monitoring_haccp.html).

Martin, G.P. 2011. An Excel spreadsheet for Fly and Rodent Indexing. <http://www.personal.psu.edu/gpm10/IPMcount411.xlsx>

Moon, R. D. and E. G. Wieland. 2008. Fly control around horses. Publication # 08537 University of Minnesota Extension Horse Program, 4 pp.

Moon, R. D. 2010. Fly and pest control. 2010 Horse Owners Education Program, St. Paul, MN, 2 October.

Sowerby, M. E. and J. A. Hogsette. 2011. Effectiveness of fly traps and baits at three primary fly sites on Florida dairy farms. *J. Anim. Sci.* Vol. 89, E-Suppl. 1/*J. Dairy Sci.* Vol. 94, E-Suppl. 1: 733.

Sowerby, M.E. and J.A. Hogsette. 2011. Strategies for Converting Dairy Farms into “Low (House) fly” Zones. Proceedings of the 25th Southeast Dairy Herd Management Conference, Macon, GA (November 2, 2011), pp. 77-81.

Stringham, S. M., and D. W. Watson. 1998-2007. Insect control for livestock and poultry. *In the North Carolina Agricultural Chemicals Manual*. Published annually by the College of Agriculture and Life Sciences and North Carolina State University, Raleigh, NC.

Stringham, S. M., and D. W. Watson. 2008. Insect control for livestock and poultry. *In the North Carolina Agricultural Chemicals Manual*. CALS, North Carolina State University, Raleigh, NC.

Thomas E., D. A. Rutz and J. K. Waldron. 2010. Integrated Pest Management Guide for Organic Dairies. NYS IPM Pub # 323, 23pp

Tomberlin, J.K. and G.L. Schuster. 2004. Suppression of arthropod pests on small flocks of domestic fowl in Texas. Texas Cooperative Extension, September 1, 2004, EEE-00011.

Waldron, J.K., P.E. Kaufman and D.A. Rutz. 2008. Expanding livestock integrated pest management in the Northeast: *An IPM training opportunity for Northeast US Animal Agriculture Industry Personnel*. Project Reports 2007-2008, Agricultural and Community IPM, NYS IPM Pub. No. 506. pp. 102-109.

Watson, D. W. and S. M. Stringham 2009. Fly and Fire Ant Management Strategies. Franklin Co. Nov. 20, 2009

Watson, D. W. and S. M. Stringham 2009. Pasture Pest Control Strategies. Bladen Co. Dec. 1, 2009

Watson, D. W. and S. M. Stringham 2009. Fly and Fire Ant Management in the Piedmont of NC. Lexington, NC. Dec. 9, 2009

Watson, D. W. and S. M. Stringham 2009. Pasture Fly and Fire Ant Management Strategies. Chatham Co. Dec. 11, 2009.

### ***Presentations:***

Berkebile, D. R., and D.B. Taylor. Emergence of stable flies (*Stomoxys calcitrans*) from winter feeding sites of hay during the spring and summer. Entomological Society of America Annual Meeting, San Diego, CA; December 2007.



Berkebile, D. R. and D. B. Taylor. The effect of preservatives in rearing media on stable fly (*Stomoxys calcitrans*) survival. Poster. Entomological Society of America Annual Meeting, Reno, NV; November 2008.

Boxler, D. J. Rangeland Fly Control Strategies. University of Nebraska "Ranching for Profitability" Educational Programs. February-March 2011. Five Programs.

Boxler, D. J. The Significance of a Pasture Fly Control Program. University of Nebraska, Barta Brothers Ranch Field Day. June 28, 2011.

Boxler, D. J. The Importance of a Pasture Fly Control Program. University of Nebraska, Gudmundsen Sandhills Laboratory Open House. August 24, 2011.

Boxler, D. J. Fly Control Strategies in Feedlots, Dairies, and Pastures. University of Nebraska, Cropping System Practicum. June 23, 2011.

Broce, A. B., J. A. Hogsette (presenter) and J. S. Drouillard. Overwintering of stable fly, *Stomoxys calcitrans* L., populations in the Midwest USA. Livestock Insects Workers Conference, in conjunction with the AAVP and ISEP, July 16-19, St Louis, MO.

Burrus, R. G., Hogsette, J. A., Kaufman, P. E., Maruniak, J. E., Mai, V. and Simonne, A. H. 2009. House fly, *Musca domestica*, (Diptera: Muscidae) dispersal from and *Escherichia coli* O157:H7 prevalence on dairy farms in North Central Florida. Student Competition for President's Prize, SVPHS: Veterinary and Stored Products Pests. Entomological Society of America, Indianapolis, IN, December 14.

Burrus, R.G., J.A. Hogsette, P.E. Kaufman, J.E. Maruniak, V. Mai, and A.H. Simonne. 2010. Detection of *Escherichia coli* O157:H7 on north-central Florida dairies with comparison of prevalence rates from house flies, manure and grain. Livestock Insect Workers Conference, Knoxville, TN.

Burrus, R.A., J.A. Hogsette, P.E. Kaufman, J.E. Maruniak, V. Mai, and A.H. Simonne. 2010. House fly, *Musca domestica* (Diptera: Muscidae) dispersal from and *Escherichia coli* O157:H7 prevalence on dairy farms in North Central Florida. 7<sup>th</sup> Arbovirus Surveillance and Mosquito Control Workshop. St. Augustine, FL. March 23, 2010.

Butler, S. M., R. D. Moon, N. C. Hinkle, J. G. Millar, J. S. McElfresh and B. A. Mullens. "Age distribution and amount of (Z)-9-tricosene on wild house flies collected from dairies." Livestock Insect Workers Conference, Lexington, KY, June 10-14, 2007.

Butler, Sarah, Roger Moon, Nancy Hinkle, Jocelyn Millar, Steve McElfresh and Brad Mullens. "Age, Gonotrophic State, and Cuticular Hydrocarbon Profiles of Mating House Flies Collected on Dairies." 52<sup>nd</sup> Livestock Insect Workers Conference, Kansas City, MO, June 15-18, 2008.

Butler, S. and L. Foil. Potential use of treated targets for control of stable flies. Annual Meeting of the Entomological Society of America. Indianapolis, IN. December 13, 2009.

Chakrabarti, S., D. J. King, C. J. Cardona, C. L. Afonso, D. W. Swayne, and A. C. Gerry. "Flies and exotic Newcastle disease virus (ENDV)". Livestock Insect Workers Conference, Lexington, KY. June 14, 2007.

Corder, R.F., and K.M. Loftin. Evaluation of the essential oil, geraniol, as a horn fly repellent on cattle. Arkansas Entomological Society Annual Meeting. Little Rock, AR. Presented on 10/14/2011.

Dehoff, S., G.P. Martin, D. Rutz, K. Waldron. PA "FLY CAMP" Workshop & training – Harrisburg, PA. Presented February 19, 2009.

Dehoff, S., G.P. Martin, D. Rutz, K. Waldron. PA "FLY CAMP II" Workshop & training – Lancaster & Webinar (including NY). Presented June 18, 2010

Dennis J. and D. A. Rutz. Confinement dairy fly IPM. Amish Farmer Training Program Eden, NY. July, 2007.

Doyle, M. A. and C. J. Geden. 2008. Longevity of house flies maintained on food resources collected from dairy farms. Livestock Insects Workers Conference, Kansas City, Missouri, June 2008.

Doyle, M.S., B.N. Swope, J.A. Hogsette, H.M. Savage and R.S. Nasci. 2010. Potential for mechanical and biological transmission of West Nile virus by stable flies (*Stomoxys calcitrans*). 76<sup>th</sup> Annual meeting of the American Mosquito Control Association, Lexington, KY, March 28-April 1, 2010.

Ferguson, H., D. Walsh, S. O'Neal. Estimation of horn fly abundance with digital photography. Symposium paper. Annual Meeting of the Pacific Branch Entomological Society of America. Boise, ID, April 13, 2010.

Ferguson, H. Integrated pest management for livestock on the small farm. Fair University, Central Washington State Fair, September 24 and October 2, 2010.

Ferguson, H. IPM for cattle in Washington State: Summary of research and extension programs 2005-2010. Annual Meeting of the Washington Cattlemens Association. Cle Elum, WA, November 11, 2010.

Ferguson, H., G. Peck, D. Walsh, and S. O'Neal. Estimation of horn fly abundance with digital photography. Poster at the Annual Meeting of the Entomological Society of America. San Diego, CA, December 15, 2010.

Ferguson, H. J. Integrated pest management for beef cattle. Controlling pests in alfalfa. Central Klickitat Conservation District Annual Meeting. Feb. 17, 2011. Centerville, WA.

Ferguson, H. J. Integrated pest management for beef cattle. Benton County Cattlemens Association monthly meeting. April 12, 2011. Prosser, WA.

Ferrero, K. M. and C. J. Geden. 2007. The effect of behavioral conditioning on determining host choice in a parasitoid of filth flies, *Trichopria nigra*. 51st Livestock Insect Workers' Conference and 9th International Symposium on Ectoparasites of Pets, Lexington, Kentucky, June 10-14, 2007.

Ferrero, K.M. and C. J. Geden. 2007. Learning and host preference in a parasitoid of filth flies, *Trichopria nigra*. ESA National Meeting, December 2007, San Diego, CA.

Foil, L., S. Butler, V. Hilbun and M. Becker. Evaluating the effect of target size on numbers of stable flies captured at targets: Do larger targets attract more stable flies? S-1030 Multi-state workshop. Riverside, CA. January 14, 2010.

Futrick, B., S. Dehoff, G.P. Martin, D. Rutz, K. Waldron. PA "FLY CAMP I" Workshop & training – Lancaster, PA & VTC 5 locations (including NY). Presented April 22, 2010

Geden, C. J. 2007. New attractants in fly trapping and control, in Filth Flies session, Department of Defense Pest Management Workshop, Jacksonville, Florida, February 2007.

Geden, C. J. 2007. Fly traps and treated targets, in Deployed WarFighter Protection Research Program session, Department of Defense Pest Management Workshop, Jacksonville, Florida, February 2007.

Geden, J. J., B. A. Quinn, U. R. Bernier and J. A. Hogsette. 2007. An attractant for house flies based on components identified in blackstrap molasses. 51st Livestock Insect Workers' Conference and 9th International Symposium on Ectoparasites of Pets, Lexington, Kentucky, June 10-14, 2007.

Geden, C. J. 2007. Attractants, visual targets and traps for fly control. In symposium "Deployed War Fighter Protection Program Research Activities at the Mosquito and Fly Research Unit, USDA, ARS, CMAVE, Gainesville, FL". Annual meeting of the Florida Entomological Society, Sarasota, Florida, July 2007.

Geden, C. J. 2007. Impact of protozoans on parasitic Hymenoptera, in symposium "Effect of Infection on Infection", ESA National Meeting, December 2007, San Diego, CA.

Geden, C. J. 2007. Update on fly traps, targets, and baits, DWFP Research Program Review, November 27-28, 2007, Oxford, Mississippi.

Geden, C. J. 2008. Discovery of novel pathogens and parasitoids of muscoid flies. Seminar presented at the Royal Veterinary Institute, University of Copenhagen, Denmark, August 2008.

Geden, C. J. 2008. Diapriid and viral natural enemies of stable flies in the U.S. and Denmark". Seminar presented at Aarhus University, Denmark, September 2008.

Geden, C. J. 2008. Status of the larval parasitoid *Tachinaephagus zealandicus* in the U.S. Livestock Insects Workers Conference, Kansas City, Missouri, June 2008.

Geden, C. J. 2008. "Dr Richard Axtell – some reflections on mentoring, macrochelids, and manure." In symposium "Metamorphosis Through Mentoring in Medical and Veterinary Entomology---Highlights from the Career of R.C. Axtell", ESA national meeting, November 2008, Reno, Nevada.

Geden, C.J. 2009. "Status of our understanding of SGH virus transmission in *Musca domestica*". Invited presentation, IAEA Workshop "Improving SIT for Tsetse Flies through Research on their Symbionts and Pathogens", February 16-20, 2009, Bobo-Dioulasso, Burkina Faso.

Geden, C. J. 2009. "Prospects for development of salivary gland hypertrophy virus of *Musca domestica* as a population management tool". Invited Presentation, 5<sup>th</sup> International Conference on Biopesticides: Stakeholders' Perspectives, New Delhi, India, April 26-30, 2009.

Geden, C. J. 2009 "Fly control update – treated targets and traps", Florida Mosquito Control Association Fall Meeting, Nov 8-11, 2009, Tampa, FL.

Geden, C. J. 2009. "Attractants, traps, treated targets and insecticides for fly control", Sixth Annual Review of the Deployed War Fighter Protection Research Program, Dec 1-3, 2009, College Station TX.

Geden, C. J. 2010. House fly SGHV: Prevalence in Denmark, host range, comparison of Florida and Danish isolates, and update on transmission. IAEA Workshop "Improving SIT for Tsetse Flies through Research on their Symbionts and Pathogens", July 26-30, 2010, Nairobi, Kenya.

Geden, C. J. 2010. Traps, attractants, targets and insecticides for house flies. DoD Pest Management Workshop, February 2010, Jacksonville, FL.

Geden, C. J., T. Steenberg, V-U. Lietze, and D. G. Boucias. 2010. Salivary gland hypertrophy virus of house flies in Denmark: prevalence, host range, and comparison with a Florida isolate. Livestock Insects Workers Conference, June 2010, Knoxville, TN.

Geden, C. J. and M. A. Doyle. 2010. Feeding ecology of house flies on dairies. Society of Vector Ecology Annual Meeting, Sept 26-30, 2010, Raleigh. NC.

Geden, C. J. 2010. Impact of salivary gland hypertrophy virus on higher Diptera of medical and veterinary importance. Society of Vector Ecology Annual Meeting, Sept 26-30, 2010, Raleigh. NC.

Gerry, A. C. and B. A. Mullens. "Canyon Flies: An emerging problem". Mosquito and Vector Control Association Continuing Education Series. Visalia, CA. March 7, 2007.

- Gerry, A. C. "Nuisance Flies as Mechanical Vectors of Animal Pathogens". Mosquito and Vector Control Association Continuing Education Series. Visalia, CA. March 7, 2007.
- Gerry, A. C. "Vector management at poultry facilities: Current practices and future directions", California Poultry Federation Annual Quality Assurance Seminar Series, Modesto, CA. August 16, 2007.
- Gerry, A. C. "Fly management for the pest management professional". Urban Pest Management Conference. Riverside, CA. March 27, 2008.
- Gerry, A. C. "Biology and control of little house fly (*Fannia femoralis*)". Yucaipa City Manager's Panel on Fly Control at Poultry Operations. Yucaipa, CA. May 28, 2008.
- Gerry, A. C. "Canyon fly biology and control". San Gabriel Valley Mosquito and Vector Control District. Azusa, CA. August 11, 2008.
- Gerry, A. C. "Nuisance fly identification, control, and resistance management". US Army Center for Health Promotion and Preventive Medicine Professional Training Series, Ft. Lewis, WA. January 31, 2008.
- Gerry, A. C., S. Butler, B. A. Mullens. "Evaluating and Managing Pesticide Resistance in House Flies". Symposium: Efficacy Validation and Resistance Management. Annual Conference of the Mosquito and Vector Control Association of California. Palm Springs, CA. January 15, 2008.
- Gerry, A. C. "Manure management considerations relative to house fly production". Western Dairy Air Quality Symposium. Albuquerque, NM. March 24, 2009.
- Gerry, A. C. "About those flies...Canyon fly ecology". Santa Lucia Conservancy, Carmel, CA. May 21, 2009.
- Gerry, A. C. "Highlights in veterinary entomology". Annual Meeting of the Entomological Society of America. Indianapolis, IN. December 13, 2009.
- Gerry, A. C. and Zhang, D. "Behavioral resistance to insecticides exhibited by house flies". Annual Meeting of the Pacific Branch of the Entomological Society of America. San Diego, CA. March 29, 2009.
- Gerry, A. C. "Waiter there is a fly in my soup". 19th Annual Urban Pest Management Conference. Riverside, CA. March 2010.
- Gerry, A. C., G. E. Higginbotham, and C. Collar. Nuisance fly production in dairy wastewater holding systems. Livestock Insect Workers Conference. Knoxville, TN. June 2010.

Gerry, A. C., Wayadande, A. C., Talley, J. L., Wasala, L. P. Protecting food crops from contamination with filth fly transmitted human pathogens. Annual Conference of the American Society for Horticultural Science. Palm Springs, CA. August 2010.

Gerry, A. C. Research update on arthropod pests of poultry. California Poultry Federation. Tulare, CA. September 2010.

Gerry, A. C. Management of nuisance flies at confined animal facilities. San Joaquin Co. Environmental Health Dept. Stockton, CA. October 2010.

Gerry, A., J. Talley, and A. Wayadande. Filth fly attraction to honeydew increases risk of pathogen contaminated food crops. Annual Meeting of the Entomological Society of America. San Diego, CA. December 2010.

Gerry, A. C. IPM of house flies on commercial dairies: monitoring changes in house fly activity. Annual Meeting of the Entomological Society of America. San Diego, CA. December 2010.

Gerry, A. C. Monitoring house fly activity on commercial dairy operations: the start of a dairy IPM program. Annual Meeting. Pacific Branch of the Entomological Society of America. Waikoloa, HI. Presented on 03/2011.

Gerry, A. C. Management of flies associated with food preparation areas. Integrated Pest Management for School Facilities. CA Department of Pesticide Regulation. Norwalk, CA. Presented on 10/2011.

Gerry, A. C. Management of Urban Flies. MVCAC Seminar Series. Mosquito and Vector Control Association of California. San Leandro, CA. Presented on 11/2011.

Guisewite, L., D. Bermudez, E. Susick, S. Thakur, and D. W. Watson. 2010. Potential of house flies to transmit *Salmonella* and *Campylobacter* in an antibiotic free swine system. SOVE Meeting, Sept. 26, Raleigh, NC.

Guisewite, L. M., S. S. Denning, and D. W. Watson. 2011. Susceptibility of vinegar flies, *Drosophila repleta*, to two strains of *Beauveria bassiana* isolated from house flies. Entomological Society of America. 59th Annual Meeting, Reno, Nevada.

Hambley, J., G. Schuster, M. Brown, C. Pouce, J. Talley, D. Britten, and J. Tomberlin. 2006. Efficacy of Diflubenzuron, an Insect Growth Regulator, for Control of Stable Flies (Diptera:Muscidae) in Confined Feeding Dairy Facilities. TAMU Agriculture Program, College Station.

Higginbotham, G. E., L. N. Pereira, and A. C. Gerry. "Improving IPM of house flies at commercial dairy operations through pest monitoring and determination of nuisance threshold". American Dairy Science Association. Montreal, Canada. July 12, 2009.

Higginbotham, G. E., L. Periera, and A. C. Gerry. Nuisance fly production capacity of three types of manure handling systems. American Dairy Science Association. Denver, CO. July 2010.

Hinkle, Nancy C. "Food Animal Health and Safety: the Georgia Experience." University of California, Riverside, Department of Entomology, departmental seminar, November 5, 2007.

Hinkle, N. C. "Animal Pests: Insects and Their Eight-Legged Relatives that Affect Livestock, Poultry, and Pets." Winter School, Rock Eagle 4-H Center, Putnam Co., Georgia, January 16-18, 2007.

Hinkle, N. C. "Fly Control." Southeast Georgia Master Cattlemen's Program, Screven County, February 27, 2007.

Hinkle, N. C. "Cattle and Horse Pests - Flies." White County Cattlemen's Association, Cleveland, GA, March 22, 2007.

Hinkle, N. C. "Effective Fly Control." Saluda County Cattlemen's Association, Hollywood, SC, April 26, 2007.

Hinkle, N. C. "External Parasites." Northwest Georgia Master Cattlemen's Program, Walker County, November 1, 2007.

Hinkle, N. C. and T. W. Wilson. "Livestock and Poultry Pest Management Options." Southeastern Branch of the Entomological Society of America 81<sup>st</sup> Annual Meeting, Knoxville, TN, March 4-7, 2007.

Hinkle, N. C., T. W. Wilson, and P. C. Worley. "Comparison of Endosulfan (Avenger) and Diazinon-Chlorpyrifos Combination (Warrior) Cattle Ear Tags for Horn Fly Control." Georgia Entomological Society annual meeting, Athens, GA, May 17-18, 2007.

Hinkle, N. C., T. W. Wilson and P. C. Worley. "Horn fly suppression: Field comparison of Avenger (endosulfan) and Warrior (diazinon-chlorpyrifos) ear tags." Livestock Insect Workers Conference, Lexington, KY, June 10-14, 2007.

Hinkle, Nancy C. "Controlling Pests on Cattle and Horses." Franklin County Cattlemen's Association, Carnesville, GA, February 11, 2008.

Hinkle, Nancy C. "Flies: Biology and Management Update." Target Anaheim Seminar and Exhibit, Anaheim, CA, February 19, 2008.

Hinkle, Nancy C. "Flies 101: Biology and Habits." Target Annual Winter Workshop, San Marcos General Pest Workshop, San Marcos, CA, February 21, 2008.

Hinkle, Nancy C. "Fly Control on Georgia Beef Herds." Laurens County Cattlemen's Association, Dudley, GA, June 19, 2008.

Hinkle, Nancy C. "Control Darkling Beetles & Flies in and Around Poultry Houses." Dawson and Lumpkin Counties Extension Offices, Dawson County Rock Creek Park, Dawsonville, GA, August 5, 2008.

Hinkle, Nancy C. "Poultry Pests." California Poultry Federation Quality Assurance Seminar, Modesto, CA, Sept. 4, 2008.

Hinkle, N.C. and P.C. Worley. Horn flies on beef cattle: seasonality and host individual variation. 82<sup>nd</sup> Annual Meeting of the Southeastern Branch of the Entomological Society of America, Jacksonville, FL, March 2-5, 2008.

Hinkle, Nancy C. 2009. "Public Health Significance of Urban Pests." Georgia Pest Control Association Annual Winter Conference, Athens, GA, January 13-15, 2009.

Hinkle, Nancy C. 2009. "Updates on Beef Cattle Fly Control." Saluda County Cattlemen's Association, Hollywood, SC, June 8, 2009.

Hinkle, Nancy C. 2009. "External Parasites of Livestock in Georgia." 2009 Northeast Georgia Master Cattlemen's Program, Elberton, GA, November 9, 2009.

Hinkle, Nancy C. 2010. "Poultry Ectoparasites and Environmental Pests." Georgia International Poultry Course, Athens, GA, February 3, 2010.

Hinkle, Nancy C. 2010. "Flies and Other External Parasites of Livestock in Georgia." 2010 Southeast Georgia Master Cattlemen's Program, Douglas, GA, February 22, 2010.

Hinkle, Nancy C. 2010. "What Can I Do About Flies on My Cattle This Year?" Lexington County Cattlemen's Association, Gilbert, SC, May 17, 2010.

Hinkle, Nancy C. 2010. "What Can I Do About Flies on My Cattle and Horses This Summer?" Richland County Cattlemen's Association, Hopkins, SC, May 18, 2010.

Hinkle, Nancy C. 2010. "Fly Control." Pasture and Hay Land Management Educational Field Day, Lilburn, GA, September 7, 2010.

Hinkle, Nancy C. 2010. "Flies and External Parasites." 2010 Northwest Georgia Master Cattlemen's Program, Newnan, GA, October 19, 2010.

Hinkle, N.C. "Not Just for the Birds: Poultry Pests and Community Consternation." Twenty-first Annual Meeting of the Alabama Vector Management Society, Auburn, AL, March 17-18, 2010.

Hinkle, Nancy C. and Tanya McKay. "The Future of Cooperative Extension and its Relationship with the Agricultural Experiment Station Scientist as Related to Control of Arthropods Affecting Livestock." 54<sup>th</sup> Livestock Insect Workers Conference, Knoxville, TN, June 27-30, 2010.



Hinkle, N.C. "Houseflies May Contribute to Cases of Foodborne Illness." April Reese Sorrow, FACES, April 12, 2010.

Hinkle, Nancy C. 2011. "Flies: Biology and Control." Winter School, University of Georgia, Athens, GA (via Wimba), January 5, 2011.

Hinkle, Nancy C. 2011. "Poultry Ectoparasites and Pests." Georgia International Poultry Conference, University of Georgia, Athens, GA, February 1, 2011.

Hinkle, Nancy C. 2011. "Pastured Cattle: External Parasites." Southwest Georgia Master Cattlemen's Program, Blakely, GA, February 7, 2011.

Hinkle, Nancy C. 2011. "Flies and External Parasites of Cattle." Franklin County Cattlemen's Association, Carnesville, GA, February 14, 2011.

Hinkle, Nancy C. 2011. "Basic Insect Management." Georgia National Guard Training, University of Georgia, Athens, February 15, 2011.

Hinkle, Nancy C. 2011. "Insect Management on Small Ruminants." Georgia National Guard Training, University of Georgia, Athens, February 15, 2011.

Hinkle, Nancy C. 2011. "Poultry Pest Management." Georgia National Guard Training, University of Georgia, Athens, February 16, 2011.

Hinkle, Nancy C. 2011. "Fly Control on Cattle and Horses." Hart County Cattlemen's Association, Hartwell, GA, April 14, 2011.

Hinkle, Nancy C. 2011. "External Parasites." 2011 Northeast Georgia Master Cattlemen's Program, Madison, GA, September 6, 2011.

Hinkle, Nancy C. 2011. "Fly Control on Georgia Cattle." Coffee County Cattlemen, Douglas, GA, November 29, 2011.

Hinkle, Nancy C. 2011. "Poultry Pest Control: Mites, Flies and Darkling Beetles." Coffee County Poultry Producers, Douglas, GA, November 29, 2011.

Hogsette, J. A. 2009. Nuisance Flies and International Significance. Department of Entomology and Nematology, University of Florida, Gainesville, Jan 22.

Hogsette, J. A. 2009. Discovery of diurnal resting sites of phlebotomine sand flies in a village in southern Egypt. International Symposium of Ectoparasites of Pets, Toulouse, France, Jun 3-5.

Hogsette, J. A. 2009. Stable fly biology, ecology and control. 53<sup>rd</sup> Livestock Insect Workers Conference, French Lick, IN, Jun 21-24.

Hogsette, J. A. 2009. The house fly: Synanthropic behavior enhances vector competency. USDA-ARS Symposium. 113<sup>th</sup> Annual Meeting of the United States Animal Health Association and the 52<sup>nd</sup> Annual Conference of the American Association of Veterinary Laboratory Diagnosticians, San Diego, CA, October 8-14.

Hogsette, J. A. 2009. Air curtains for restricting mosquito and fly entry into or exit from aircraft. 81<sup>st</sup> Annual Florida Mosquito Control Meeting, Tampa, FL, Nov 2.

Hogsette, J. A. 2009. Evaluation of traps for house flies, stable flies and phlebotomine sand flies in Egypt. Deployed War Fighter Protection Program Annual Review, College Station, TX, Nov 30-Dec 3.

Hogsette, J. A. 2009. Nuisance flies and international (mis)-adventures. Member Symposium. Entomological Society of America, Indianapolis, IN, Dec 13-16.

Hogsette, J. A. 2009. Blue and black cloth targets: status of target development and stable management programs. SVPHS Section Symposium, Entomological Society of America, Indianapolis, IN, Dec 13-16.

Hogsette, J. A. 2010. "What are the best traps and methods to kill a fly?" in the Armed Forces Pest Management Board Equipment Committee Symposium: Evaluation of fly traps under desert conditions. 2010 DoD Pest Management Workshop (Tri-Service Meeting), Jacksonville Naval Air Station, February 8-12, 2010.

Hogsette, J. A. 2010. Fly Biology (1 hr lecture), and Fly Management (1-hr lecture). Rose Pest Solutions Conference, Eagle Crest Conference Resort, Ypsilanti, MI, March 3-5, 2010.

Hogsette, J. A. 2010. Update on blue-black cloth targets for stable fly management: Size matters, or does it? 7<sup>th</sup> Arbovirus Surveillance and Mosquito Control Workshop, St. Augustine, FL, March 23- 25, 2010.

Hogsette, J. A. 2010. Consultation Report for the Equipment, Pesticides and Medical Entomology Committees. 190<sup>th</sup> Armed Forces Pest Management Board Meeting, Walter Reed Army Institute of Research, Forest Glen Annex, Silver Spring, Maryland, April 20-22, 2010.

Hogsette, J. A. 2010. Survey and Management of Stable Flies at the Smithsonian National Zoological Park. 54<sup>th</sup> Livestock Insect Workers Conference, Knoxville, Tennessee, June 27-30, 2010.

Hogsette, J. A. 2010. Survey and Management of Stable Flies at the Smithsonian National Zoological Park. 7<sup>th</sup> International Congress of Dipterology, San Jose, Costa Rica, August 8-13, 2010.

Hogsette, J. A. 2010. Co-organized (with Chris Geden) the symposium "Ecology of Higher Diptera in relation to Emerging Human and Animal Health Issues" and presented the paper "Complex of higher Diptera associated with livestock and poultry in Europe and the US and

implications for transmission of zoonotic diseases” in the symposium. Society for Vector Ecology, 42<sup>nd</sup> Annual Conference, Raleigh, NC, Sept 26-30, 2010.

Hogsette, J. A. 2010. Biology, ecology and control of *Stomoxys calcitrans* in the agricultural environment. XVI Congresso Brasileiro de Parasitologia Veterinária, Campo Grande, Brazil, October 8-18, 2010.

Hogsette, J. A. 2010. Co-organized (with Justin Talley) the Section Symposium “Tapping into the Diversity of Universities and USDA to Collaboratively Tackle Formidable Pests of Livestock through a Regional Project” and presented the ‘Summary and Conclusions’ for the symposium. Entomological Society of America, Annual Meeting, San Diego, CA, December 12-15, 2010.

Hogsette, J. A. Management of Nuisance Flies (1 hr lecture). Wal-Mart Corporate headquarters, Bentonville, AR, Sept 6-7, 2011.

Hogsette, J. A. Management of house flies (*Musca domestica*) on dairies by strategic placement of traps. Entomological Society of America Annual Meeting, Reno, Nevada, November 13-16, 2011.

Hogsette, J. A. Management of house flies (*Musca domestica*) on dairies by strategic placement of traps. Deployed War Fighter Program Review, Beltsville, MD, November 26-December 2, 2011.

Hogsette, J. A. Midges and Gnats – Some Bite and Some Don’t (1 hr lecture). 73<sup>rd</sup> Annual Purdue Pest Management Conference, Purdue University, West Lafayette, IN, Jan 9-11, 2011.

Hogsette, J. A. Behavior and Management of Pest Flies (1 hr lecture). North Carolina Pest Management Association, PCT School, North Raleigh/Midtown Hilton, Raleigh, NC, Jan 18-19, 2011.

Hogsette, J. A. Co-taught [with Dan Kline (Culicoides) and Jim Cilek (Tabanids)] the stable fly portion of the course Biting Flies at the Dodd Short Course, Ocala Hilton, Ocala, FL, Jan 27, 2011.

Hogsette, J. A. Biology and Management of House Flies and Bottle Flies (1 hr lecture). McCloud Pest Invasion, Pest Seminar for the Food Industry, Stonegate Conference Center, Hoffman Estates IL, Mar 15, 2011.

Hogsette, J. A. A Summary of the USDA Mosquito and Fly Research Unit Research Program. Southeast Branch, Entomological Society of America, San Juan, Puerto Rico, March 19-22, 2011.

Hogsette, J. A. House flies: Specific traps for specific locations on farms. 8th Arbovirus Surveillance and Mosquito Control Workshop, Anastasia Island Mosquito Control District, St. Augustine, FL, March 29-31, 2011.

Kaufman, P. E. and L. A. Wood. 2007. Diversity of Dung Beetles (Coleoptera: Scarabaeidae and Geotrupidae) in North Central Florida Cattle Pastures. 55<sup>th</sup> Annual Meeting of the Entomological Society of America, San Diego, CA.

Kaufman, P.E. Techniques for Evaluating Insecticide Resistance in Filth Flies. 2007 DoD Pest Management Workshop, Jacksonville, FL. February 14, 2007. Kaufman, P. E., J. K. Waldron and D. A. Rutz. Dairy Fly IPM – National Webcast. May 2007.

Kaufman, P. E., D. A. Rutz and C. Strong. Susceptibility of lesser mealworm (Coleoptera: Tenebrionidae) adults and larvae exposed to two commercial insecticides on unpainted plywood panels. Joint Meeting of the LIWC and the ISEP, Lexington, KY. June 10, 2007.

Kaufman, P.E. 2009. Integrated pest management of house flies, *Musca domestica* L., on livestock facilities. 6<sup>th</sup> Asian-Pacific Congress of Entomology, Beijing, China. October 19-21, 2009.

Kaufman, P.E. 2010. The role and future of universities in animal health product evaluations. 54<sup>th</sup> Annual Livestock Insect Workers Conference, Knoxville, TN. June 27, 2010.

Kaufman, P.E., and J.B. Pitzer. 2009. Celebrating a lack of insecticide resistance in stable flies! 2009 Annual Meeting of the Entomological Society of America, Indianapolis, IN. December 15, 2009.

Kaufman, P.E., S.C. Nunez, R.S. Mann, C.J. Geden, and M.E. Scharf. 2010. Nicotinoid and pyrethroid resistance in house flies from Florida dairies. Livestock Insect Workers Conference, Knoxville, TN. June 29, 2010.

Kaufman, P.E., S.C. Nunez, C.J. Geden, and M.E. Scharf. 2010. Selection for resistance to imidacloprid in the house fly. Livestock Insect Workers Conference, Knoxville, TN. June 29, 2010.

Kaufman, P. 2010. Insecticide resistance and management of house flies. 7<sup>th</sup> Arbovirus Surveillance and Mosquito Control Workshop, St. Augustine, FL. March 23, 2010.

Kaufman, P.E. 2010. Dung beetle diversity and ecology on Florida cattle pastures following the introduction of several exotic species. Departmental Seminar, Entomology and Nematology Department, University of Florida, Gainesville, FL. March 18, 2010.

Kaufman, P.E. 2011. Using Traditional Techniques and Modern Tools to Answer Rural:Rural and Rural:Urban Interface Questions in Medical and Veterinary Entomology. Department of Entomology, University of Georgia, Athens, GA.

Kaufman, P.E. 2011. Dermatological reactions to insect bites and associated diseases. Dermatology Grand Rounds at Shands Medical Plaza, University of Florida, Gainesville, FL.

Kaufman, P.E. 2011. Applied Management of Fly Control. Florida Beef Cattle Short Course. Gainesville, FL.

Kaufman, P.E., R.S. Mann, and J.F. Butler. 2011. Performance of novel semiochemicals in the control of veterinary pests. Joint meeting of the American Association of Veterinary Parasitologists, the Livestock Insect Workers Conference and the International Symposium on Ectoparasites of Pets, St. Louis, MO.

Kaufman, P.E., R.S. Mann, and J.F. Butler. 2011. Insecticidal activity of novel compounds against pests of medical and veterinary importance. Annual Meeting of the Entomological Society of America, Reno, NV.

King, D. J., S. Chakrabarti, C. Cardona, C. L. Afonso, D. E. Swayne, and A. C. Gerry. Isolation of Exotic Newcastle Disease Virus (ENDV) from Field Collected Flies and Experimental ENDV Infections of Three Arthropod Species". American Association of Avian Pathologists, Washington, D. C. July 14, 2007.

Koehler, P.G. and J.W. Diclaro. Development of a novel fly control device. Arbovirus Conference, St. Augustine, FL. Presented on 03/2011.

Lietze, V. U., C. J. Geden, and D. G. Boucias. 2008. "Here's spitting at you, kid - Oral transmission of the *Musca domestica* salivary gland hypertrophy virus (MdSGHV) via salivary secretions", Annual meeting, Society for Invertebrate Pathology, Warwickshire, U.K. July 2008.

Liu, S. S., A. Y. Li., K. H. Lohmeyer, and A. A. Pérez de León. 2011. Effects of pyriproxyfen and buprofezin on immature development, female oviposition, and egg hatching in the stable fly. The Joint AAVP-LIWC-ISEP Meeting, St Louis, MO. July 16-19, 2011.

Loftin, K., Sheri Brazil , Tanja McKay, Wes Watson , Justin Edwards, Dayton Steelman, Allen Szalanski, Jodie Pennington, Kark VanDevender and Scott Willard, "House fly (*Musca domestica*) parasitism following sustained releases of pteromalid wasps in southern dairies" Entomological Society of America – Annual Meeting, San Diego, CA, Dec. 9-12, 2007.

Loftin, K., J. Pennington, S. Brazill, D. Steelman, A. Szalanski, K. VanDevender. T. McKay, W. Watson, S. Willard and J. Edwards. 2007. Using parasitic wasps as an IPM approach to manage filth flies in southern dairies. LIWC ISEP Meeting Lexington, KY. June 10-14.

Loftin, K. 2007. Managing Flies in Organic Milk Production. Organic Milk Production Meetings. Fayetteville, Damascus, Cane Hill and Siloam Springs, AR.

Loftin, K. 2007 Using a Walk-through Trap to Control Horn Flies. Organic Milk Production Meetings. Fayetteville, Damascus, Cane Hill and Siloam Springs, AR.

Loftin, K. 2007 Project Update: Using Parasitoids in an IPM Approach to Control Flies on Dairies" Dairy field day in Beebe, AR.

Loftin, K. 2008. Recognizing Flies Associated with Dairy Production. Regional Dairy Conference. Bee Branch, AR Mar. 13.

Loftin, K. 2008. Fly Control for Dairies. Regional Dairy Conference. Bee Branch, AR Mar. 13.

Loftin, K. 2008. IPM and manure breeding flies. NWA dairy field day at the Prairie Grove, AR. April 30.

Loftin, K. 2008. Pasture Fly Management and Anaplasmosis. Crawford County Cattleman's Association. Chester AR. May 20.

Loftin, K. 2008. Fly IPM in Organic and Conventional Dairies. Regional dairy producer meetings/in-service trainings in Beebe, Evansville, Formosa and Green Forest, AR. Oct. 24, Oct. 31, Nov. 5, and Dec. 9.

Loftin, K., T. McKay, J. Pennington, D. Steelman, W. Watson, K. VanDevender, S. Willard and S. Brazil. 2008. Survey and release of Parasitoids (Hymenoptera: Pteromalidae) of filth flies (Diptera: Muscidae). Annual ESA meeting, Reno, NV.

Loftin, K.M. "Horn Flies: Importance, Biology and Management." Four-States Agriculture Expo. Texarkana, AR. Feb. 11, 2010.

Loftin, K.M. "Management of Pasture and Premise Breeding Flies." University of Arkansas – Monticello. Monticello, AR Feb. 16, 2010.

Loftin, K.M. "Arthropod Pests of Beef Cattle." Hempstead County Cattlemen's Association. Hope, AR. April 26, 2010.

Loftin, K.M. "Identification and Management of Cattle Pests." New Agriculture Agent Core Training. Pottsville, AR. May 2010.

Loftin, K.M. "Organic Fly Control Options." Southern Region SARE PDP Organic Dairy Study Tour. Beebe, AR. June 21, 2010.

Loftin, K.M. "Management of Pasture Breeding Flies." Sebastian County Conservation District. Mansfield, AR. July 19, 2010.

Loftin, K/M. "Horn Flies, Face Flies and Pinkeye." Carroll County Cattlemen's Association. Berryville, AR. July 26, 2010.

Loftin, K.M. Controlling pasture flies on cattle. Calhoun County Cattlemen's Association – Annual Meeting, Hampton, AR. Presented on 10/ 3/2011.

Loftin, K.M. External Parasites of Cattle. Four-States Agriculture Expo, Texarkana. Arkansas. Presented on 2/10/2011.

Loftin, K.M. Managing Arthropod Pests of Beef and Dairy Cattle. Beef IQ Short Course. Southwest Research and Extension Center, Hope, AR. Presented on 5/16/2011.

Loneragan, S., G. Schuster, G. H. Loneragan, L. M. Chichester, and D.J. Kunze 2006. Flies as Potential Vectors of Antimicrobial Resistant Bacteria in Feedlots. TAMU Agriculture Program, College Station.

Martin, G.P. Poultry IPM Fundamentals (emphasis in Fly control). West Lampeter Township hall, PA. Presented July 30, 2007.

Martin, G.P. Poultry IPM Fundamentals (emphasis in Fly control). PennAg Association Poultry Council Egg & Meat Meeting, Lancaster, PA. Presented December 11, 2007.

Martin, G.P. Poultry IPM Fundamentals (emphasis in Fly/Rodent control). PA Egg Quality Assurance Program Training, Gettysburg, PA. Presented October 7, 2010.

Martin, G.P. Poultry IPM Fundamentals (emphasis in Fly/Rodent control). PA Egg Quality Assurance Program Training, Kreamer, PA. Presented December 15, 2011.

Martin, G.P. Poultry IPM Fundamentals for FDA Egg Rule (emphasis in Fly/Rodent control). Egg Service Meeting, Manheim, PA. Presented March 13, 2012.

Martin, G.P. Poultry IPM Fundamentals for FDA Egg Rule (emphasis in Fly/Rodent control). Egg Service Meeting, Lewisburg, PA. Presented March 14, 2012.

Moon, R. D. and E. S. Krafur. Overwintering, density dependence and weather effects in dynamics of stable fly in Iowa. Entomological Society of America Annual Meeting, San Diego, CA; December 2007.

Moon, R. D and E. S. Krafur, 2007. Timing of spring arrival by stable flies in Iowa: Warming weather or wind events? Annual meeting S-1030, Fayetteville, AK.

Moon, R. D. 2007. Flies and parasite prevention. 2007 Horse Owners Education Program, Independence, MN, 30 March.

Moon, R. D, E. S. Krafur and S. E. Weisberg, 2007. Timing of spring reappearance by stable flies in temperate North America. Entomological Society of America, Indianapolis, IN.

Moon, Roger. 2009. What's the harm in a few flies? A meta-analysis of economic effects of stable flies on dairy and beef cattle. Department of Animal Science, University of Minnesota, St. Paul.

Moon, Roger. 2009. Dynamics in some multivoltine muscid fly populations. Department of Entomology, University of California, Riverside.

Moon, Roger. 2009. Overwintering dynamics of stable flies in North America. Department of Entomology, University of Minnesota, St. Paul.

Moon, R. D, E. S. Krafur and S. E. Weisberg. 2009. Timing of spring reappearance by stable flies in temperate North America. Entomological Society of America, Indianapolis, IN.

Moon, Roger and D. E. Taylor. 2009. Economic impact of stable flies on cattle production. Section symposium, Entomological Society of America, Indianapolis, IN. 15 December.

Moon, Roger and D. E. Taylor. 2009. Overwintering and spring dispersal of stable flies. Section symposium, Entomological Society of America, Indianapolis, IN. 15 December.

Moon, R. D. 2010. Process-based approaches to analysis of population dynamics data. Entomological Society of America, San Diego, CA.

Moon, R. D. 2010. Fly and pest control. 2010. Horse Owners Education Program, St. Paul, MN, 2 October.

Moon, R. D., D. B. Taylor and J. A. Hogsette. 2010. Dispersal of adult stable flies on a Nebraska landscape. Entomological Society of America, San Diego, CA.

Moon, R., D. Berkebile, H. Ferguson, P. Tobin, L. Zurek, G. Johnson, S. Butler, N. Hinkle, and others. 2011. Winter debris-cleanup deadlines based on a ground-truthed degree-day model. 55<sup>th</sup> Annual Livestock Insect Workers Conference. July 16-19. St. Louis, MO.

Moon, R., D. Berkebile, H. Ferguson, P. Tobin, L. Zurek, G. Johnson, S. Butler, and N. Hinkle. 2011. Phenology of spring emergence by first generation stable flies, *Stomoxys calcitrans* (L.) in North America. Poster at national ESA annual meeting. Nov. 13-16. Reno, NV.

Mullens, B. A. and A. C. Gerry. The Remarkable Canyon Fly. Annual Conference. American Mosquito Control Association. Anaheim, CA. Presented on 03/2011.

Olafson, P.U., J.B. Pitzer, and P.E. Kaufman. 2009. Selecting for pyrethroid 'resistance' in the stable fly: Screening the stable fly sodium channel coding sequence for mutations that associate with permethrin non-susceptibility. Annual Meeting of the Entomological Society of America, presented on 12/2009.

Olafson, P.U., J.B. Pitzer, and P.E. Kaufman. 2010. Identification of a mutation associated with permethrin resistance in the *para*-type sodium channel of the stable fly, *Stomoxys calcitrans*. Annual Livestock Insects Workers Conference, presented on 6/2010.

Olafson, P.U., S. Liu, A.Y. Li, and S.E. Dowd. 2010. Insight into stable fly larvae: Salivary gland-specific polypeptides and evidence for genes that may have a role in the stable fly innate immune system. Annual Meeting of the Entomological Society of America, presented on 11/2010.



Periera, L., G. E. Higginbotham, and A. C. Gerry. Improving IPM of house flies at commercial dairy operations through pest monitoring and determination of nuisance threshold. 31st Annual Central California Research Symposium. Fresno, CA. April 2010.

Pennington, J., S. Brazil, K. Loftin, D. Steelman, A. Szalanski, K. VanDevender, T. McKay, W. Watson and S. Willard, "Using parasitic wasps as an IPM approach to manage filth flies in southern dairies" Southern Dairy Conference, Atlanta, GA, January 29-31, 2007.

Pitzer, J.B., P.E. Kaufman, J.E. Maruniak and S.A. TenBroeck. 2009. Identification of blood meals from stable flies collected at four equine facilities. Livestock Insect Workers Conference, French Lick, IN.

Pitzer, J.B., P.E. Kaufman, and C. J. Geden. 2009. "Hymenopteran pupal parasitoids attacking filth flies in Florida". ESA National Meeting, December 2009, Indianapolis, Indiana.

Pitzer, J.B., P.E. Kaufman, J.A. Hogsette, C.J. Geden, and S.A. TenBroeck. 2010. Seasonal abundance of stable flies and filth fly pupal parasitoids (Hymenoptera: Pteromalidae) at Florida equine facilities. Livestock Insect Workers Conference, Knoxville, TN.

Pitzer, J.B., P.E. Kaufman, and S.A. TenBroeck. 2010. Permethrin resistance status of the stable fly in Florida. Livestock Insect Workers Conference, Knoxville, TN.

Pitzer, J.B., P.E. Kaufman, and C.J. Geden. 2009. Hymenopteran pupal parasitoids attacking filth flies in Florida. Annual Meeting of the Entomological Society of America. Indianapolis, IN. December 14, 2009.

Roberts, J., J. Ward, J. Foltz, P. Kaufman, C. Daniels, J. Donahue, C. Schuman and L. Harrison. Fall equine abortion associated with exposure to walnut caterpillars, *Datana integerrima* (Lepidoptera: Notodontidae) in Pasco County Florida. Joint Meeting of the Livestock Insect Workers Conference and the International Symposium on Ectoparasites of Pets, Lexington, KY. June 13, 2007.

Rochon, K., W. Watson, A. Perez de Leon, I. Gimeno, M. McCaw and R. Baker. 2008. Vector potential of stable flies (*Stomoxys calcitrans*) for transmission of porcine reproductive and respiratory syndrome virus (PRRSV). International Congress of Entomology, Durban, South Africa.

Rutz, D.A. Biological control of house flies and stable flies through releases of *Muscidifurax raptor* and *Muscidifurax raptorellus* in dairy calf coveralls. NOFA-NY Teleconference, December, 2007.

Rutz, D. A., P. E. Kaufman, C. Strong and J. K. Waldron. A self-contained automated sprayer system for control of flies on pastured dairy cattle. Joint Meeting of the LIWC and the ISEP, Lexington, KY. June 10, 2007.

Rutz, D.A., P.E. Kaufman, and J.K. Waldron. 2009. Delivering scientific information in applied terms to our stakeholder colleagues. 2009 Annual Meeting of the Entomological Society of America, Indianapolis, IN. December 15, 2009.

Rutz, D. A. Fly Control in and around Animal Facilities: Current Challenges and Solutions to an Age Old Problem. Regional Spring Dairy Producer Meeting. Penn Yan, NY. March 10, 2010.

Rutz, D. A. Fly Control in and around Animal Facilities: Current Challenges and Solutions to an Age Old Problem. Regional Spring Dairy Producer Meeting. Geneva, NY. March 17, 2010.

Scott, J. G. 2011. Molecular mechanisms of pesticide resistance in insects. Advances in the knowledge of parasite resistance of ruminant hosts and parasites, Embrapa, San Carlos, Brazil.

Scott, J. G. 2011. Have high resolution molecular analyses offered new insights into the evolution of insecticide resistance? Plenary Lecture, AAVP-LIWC-ISEP Joint Conference, St. Louis, MO.

Scott, J. G. 2011. Unraveling the mystery of spinosad resistance in insects. University of Florida, Department of Entomology, Gainesville, FL.

Schuster, G. L., S. J. Loneragan, L. M. Chichester, D. J. Kunze, and G. H. Loneragan. 2006. Flies as potential vectors of resistance determinants in feedlots International Symposium on Veterinary Epidemiology and Economics (ISVEE) Conference, Cairns, Australia, August 6-11, 2006, Pg. 453.

Schuster, G., K. McDonald, and S. Presley. 2006. Impact of coat color, gender, and weather on the attack rate of mosquito populations on horses in the Texas Panhandle. International Symposium on Veterinary Epidemiology and Economics (ISVEE) Conference, Cairns, Australia, August 6-11, 2006, Pg. 439.

Schuster, G., K. E. Moulton, P. R. Broadway, S. Willard, J. Behrends, and T. B. Schmidt. 2010. Use of a biophotonic *E. coli* XEN-14 to determine time of contamination in the life cycle of the house fly, *Musca domestica* L. (Diptera: Muscidae). 2010 ADSA®-PSA-AMPA-CSAS-ASAS Joint Annual Meeting, July 11-15, 2010, Denver, CO. <http://adsa.asas.org/meetings/2010/>.

Starcevich, J., R. Moon, B. Clymer, H. Chester-Jones and D. Ziegler. 2010. Choice of bedding material affects production of pestiferous stable flies and house flies in replacement heifer housing. 21st Annual (MOSES) Organic Farming Conference, 25-27 February, LaCrosse, WI.

Starcevich, J., R. Moon, B. Clymer, H. Chester-Jones and D. Ziegler. Choice of bedding material affects production of pestiferous stable flies and house flies in replacement heifer housing. 21st Annual (MOSES) Organic Farming Conference, 25-27 February, 2011, LaCrosse, WI.

Starcevich , J. and R. Moon. Filth flies and associated beneficial wasps on organic dairy farms in east-central Minnesota and west-central Wisconsin. 21st Annual (MOSES) Organic Farming Conference, 25-27 February, 2011, LaCrosse, WI.

Starcevich , J., R. Moon, B. Clymer, H. Chester-Jones and D. Ziegler. Filth fly production and parasitism in heifer rearing pens bedded with straw, hardwood sawdust, or pine shavings. 66th Annual Meeting, North Central Branch, Entomological Society of America. March, 2011, Minneapolis, MN.

Talley, J. A. Wayadande, J. Fletcher, S. Gililand, and A. C. Gerry. "Survey of insect fauna in leafy green production areas near livestock pastures". Entomological Society of America. San Diego, CA. December 11, 2007.

Taylor, D. B. D. Marx, and D. R. Berkebile. Spatial dynamics of a Stable Fly (*Stomoxys calcitrans*) population in eastern Nebraska. Poster. Entomological Society of America Annual Meeting, San Diego, CA; December 2007.

Taylor, D. B., A. Broce, and D. R. Berkebile. Detection of Blood in Stable Flies (*Stomoxys calcitrans*) with Hemocult® Test Strips. Poster. Entomological Society of America Annual Meeting, Reno, NV; November 2008.

Taylor, D. B. and D. R. Berkebile. Economic Impact of Stable Flies. Livestock Insect Workers Conference. Kansas City, MO; July 2008

Taylor, D.B. 2009. "Flies in Livestock Production." Department of Animal Science, University of Nebraska – Lincoln.

Taylor, D.B. 2009. "Evaluation of Solarization for control of stable flies in hay feeding circles." Livestock Insect Workers Conference, French Lick, IN.

Taylor, D.B., R.D. Moon. 2009. "Economic Impact of Stable Flies." In Symposium Celebration of Entomology: Advances in Stable Fly (*Stomoxys calcitrans*) Research. Entomological Society of America Meeting. Indianapolis, IN December 2009

Taylor, D. B., K. Hale, and K. Sievert. Efficacy of cyromazine for the control of immature stable flies (*Stomoxys calcitrans*) developing in winter hay feeding sites. Poster. Entomological Society of America Annual Meeting, Reno, NV; November 2011.

Waldron, J. K. and D. A. Rutz. Dairy pasture fly IPM. NOFA-NY Meeting, Warsaw, NY August, 2007.

Waldron, J. K. and D. A. Rutz. Dairy pasture fly IPM. NOFA-NY Meeting, Oneonta, NY. September, 2007.

Waldron, J. K., P. E. Kaufman, C. Strong and D. A. Rutz. Comparison of trap efficacy to enhance management of horse, deer and stable flies affecting dairy animals on northeast US

pastures. Joint Meeting of the Livestock Insect Workers Conference and the International Symposium on Ectoparasites of Pets, Lexington, KY. June 10, 2007.

Waldron, J. K. and D. A. Rutz. Fly Camp I Video Conference with Penn State University. April 20, 2010.

Waldron, J. K. and D. A. Rutz. Fly Camp II Webinar with Penn State University. June 18, 2010.

Waldron, J. K. and D. A. Rutz. Pasture Fly IPM on Organic Dairies. Sherman Farms, Dryden, NY. Sponsored by the Northeast Organic Farming Association. June 11, 2010.

Waldron, K. and D. A. Rutz. Flies on Pastured Cattle: What's the buzz? Northeast Organic Farm Association Annual Conf.. Saratoga, NY. Presented 1/2011.

Waldron, K. and D. A. Rutz. Flies on Pastured Cattle? What's the Buzz? Farming for the Future Conference – Pennsylvania Association for Sustainable Agriculture. State College, PA. Presented 2/2011.

Waldron K. and D. A. Rutz. Dairy Cattle Pasture Fly IPM. Washington County, Greenwich, NY. Presented 7/2011.

Waldron K. and D. A. Rutz. NY Livestock IPM Update. 2011 AAV, ISEP and National Meeting Livestock Insect Workers Conf. St. Louis, MO. Presented 7/2011.

Waldron K. and D. A. Rutz. Pasture Fly IPM eOrganic Webinar. National. Presented 7/2011.

Waldron K. and K. Wise. Dairy Cattle Pasture Fly IPM. Clinton County, Pavilion, NY. Presented 7/2011.

Waldron K. and K. Wise. Dairy Cattle Pasture Fly IPM. Essex County, Port Henry, NY. Presented 7/2011.

Waldron K. and K. Wise. Pasture Fly IPM Field Day. Pavilion, NY. Presented 7/2011.

Waldron K. and K. Wise. Pasture Fly IPM Field Day. Chester, NY. Presented 7/2011.

Waldron K. and K. Wise. Dairy Cattle Pasture Fly IPM. Columbia County, Valatie, NY. Presented 8/2011.

Waldron K. and K. Wise. Dairy Cattle Pasture Fly IPM. Dutchess County, Millbrook, NY. Presented 8/2011.

Waldron K. and K. Wise. Dairy Cattle Fly IPM. N. Haverhill, NH. Presented 8/2011.

Wasik, D. and A. C. Gerry. "House fly behavioral resistance to imidacloprid". Southern California Conference of Undergraduate Research. Northridge, CA. November 12, 2009.

Wasik, D. and A. C. Gerry. Behavioral adaptation of house flies (*Musca domestica* L.) to avoid the insecticide imidacloprid. Fourth Annual UCR Symposium of Undergraduate Research. Riverside, CA. May 2010.

Watson, D. W. 2007. Fly-borne mechanical transmission of Newcastle and Turkey Corona Viruses. Invited speaker. Symposium: Vector-borne Pathogens of Livestock and Wildlife. SOVE Sep. 16-20. Springfield, IL.

Watson, D. W., MaryAnne Drake, Steve Washburn, and Jerry Butler. 2007. Detection and quantification of an insect repellent in bovine milk. LIWC ISEP Meeting Lexington, KY. June 10-14.

Watson, D. W. 2007. Agent Training. New Fly Control Strategies. Beef Unit, Lake Wheeler Rd. Raleigh, NC Aug. 6-7.

Watson, D. W. 2007. Pasture Pest Management. Beef Cattle Management Meeting, Goldsboro, NC June 30. Eileen Coite Host.

Watson, D. W. 2007. Pasture Fly Management. Pesticide Recertification Training Monro Co. Extension. Jerry Simpson. March 8, 2007.

Watson, D. W. 2007. Pasture Fly Management. Pesticide Recertification Training. Stanly Co. Extension. Steve Lemons. Feb 27, 2007.

Watson, D.W. 2008. External Parasite and Premise Fly Control. Blue Ridge Stocker Conference. Sept. 11, 2008.

Watson, D.W. 2008. Pasture fly management: Innovative research at the Center for Environmental Farming Systems. Dairy Grazing Workshop. July 17, 2008.

Watson, D. W. 2008. Novel Fly Management Strategies for 2008. Guilford Co. Cattleman's Association. April 15. Greensboro, NC.

Watson, D. W. 2008. Pasture Fly Management Strategies. Rockingham Co. Cattleman's Association. April 10. Reidsville, NC.

Watson, D. W. 2008. New Pasture Fly Management Strategies for 2008. Watauga Co. Cattleman's Association. April 8. Boone, NC.

Watson, D. W. 2008. Fly Management Strategies. Johnston Co. Cattleman's Association. March 11. Smithfield, NC.

- Watson, D. W. 2008. New and Novel Fly Management Strategies. NC Statewide Beef Conference. Jan 3. Statesville, NC.
- Watson, D. W. 2008. Flies and Disease: Blind Alleys and Open Roads. NCSU Department of Entomology Seminar Series.
- Watson, D. W. 2008. Push-pull management of horn fly, *Haematobia irritans*, using botanically derived insect repellents. Symposium, National ESA Meeting, Reno, NV.
- Watson, D. M., J. P. Evans, R. E. Miracle, M. A. Drake, S. P. Washburn, and D. W. Watson. 2008. Presence of geraniol in bovine milk following topical application as a natural insecticide. J. Dairy Sci. 91, E - Suppl. 1: 216 (Abstr.)<http://adsa.asas.org/meetings/2008/abstracts/0215.PDF>
- Watson, D. W., S. Denning, R. Lyman, and K. Anderson. 2010. Mastitis in dairy heifers: Prevalence of *Staphylococcus aureus* genotypes among NC horn fly (*Haematobia irritans*) populations. SOVE Meeting, Sept. 26, Raleigh, NC
- Watson, D. W. 2010. Pest management for goats and sheep. Feb. 27. NC Goat Producers, CVM.
- Watson, D. W. 2010. Fly Management in the Piedmont of NC. Lee Co. Cattleman's Assoc. Sanford, NC. Nov. 9, 2010.
- Watson, D.W. 2011. Integrated Pest Management in Livestock Systems. Louis Jackai, NC A&T., April 5, 2011.
- Watson, D. W. 2011. Fly and Darkling Beetle Management. Poultry Supervisors Short Course. Monroe, NC. April 14, 2011
- Watson, D. W. 2011. Pest management for pastured cattle. June 23-24. Orangeburg Cattleman's Assoc. Orangeburg, SC.
- Watson, D. W. 2011. Pasture Fly Management, NCSU Agent Training Program, An. Sci. May 18, 2011.
- Watson, D. W. 2011. Fly management in Organic Dairy Systems. Illuminate Discussion, eOrganic. J. K. Waldron and D. A. Rutz. Hosted by Cornell University. July 6, 2011.
- Zhu, J. J., D. R. Berkebile, and L. Zurek. Novel approaches using Push-Pull strategy for stable fly control. Livestock Insect Workers Conference. Kansas City, MO; July 2008.
- Zhu, J. 2009. ESA, Section Symposium "Celebration of Entomology-Advances in stable fly research", titled "New advances in stable fly chemical ecology and its potential practical control"

Zhu, J. 2009. 5th Asia-Pacific Conference on Chemical Ecology, Oct. 26-30 (Honolulu, Hawaii). Symposium "Semiochemical research and application in agriculture, Forestry, Urban, Veterinary and Military uses" titled "Development of novel strategies for integrated biting fly management"

Zhu, J. J. DWFP prospectus on fly research. DWFP-5<sup>th</sup> Annual Review. Gainesville, presented on Dec. 2008.

Zhu, J. J. Push-Pull strategy for stable fly control. 52<sup>nd</sup> Livestock Insect Workers' Conference, Kansas City, presented on June, 2008.

Zhu, J. J. Novel technology development for stable fly management. Pfizer Animal Health, Kalamazoo, presented on May, 2009.

Zhu, J. J. New Advances in stable fly chemical ecology and its potential in practical control, ESA Meeting, Indianapolis, presented on Dec, 2009.

Zhu, J. J. Novel approaches for integrated fly management. Kansas State University, Manhattan, presented on Feb, 2010.

Zhu, J. J. Progresses in research for stable fly control via Push-Pull strategy, ESA Meeting, San Diego, presented on Dec, 2010.

Zhu, J. J. Infochemical interactions between microbial community and pest flies: Oviposition Selection, APACE Annual Meeting, Beijing, China, presented on Oct, 2011.

***Other Extension:***

Coats, J., G.E. Schultz, and J. Zhu. 2011. Biorational repellents obtained from terpenoids for use against arthropods. (US Patent Number: 7,939,091).

Hinkle, N. "Be a Good Neighbor." Alaina Burt, Beef Magazine, April 1, 2007. ([http://beef-mag.com/mag/good\\_neighbor/index.html](http://beef-mag.com/mag/good_neighbor/index.html)).

Hinkle, Nancy C. "Fly Control on Cattle," interviewed by Eddie McGriff, Coffee County, GA, Extension Coordinator, for "On the Farm" radio program Nov. 30, 2011.

Hogsette, J. A. Regional Science Fair Judge, Middle School and High School Zoology Projects, Santa Fe College, Gainesville, FL, Jan 28, 2011.

Hogsette, J. A. Manned USDA Entomology booth at the Florida State Fair, Tampa, Feb 11, 2011.

Hogsette, J. A. Interviewed by Brittany Risher, Associate Editor, Women's Health Magazine, about house fly pathogen transmission when flies land on food, March 2, and 7, 2011.

Hogsette, J. A. State Science Fair Judge, Middle School and High School Zoology Projects, Orlando Convention Center, Orlando, FL, Mar 24, 2011.

Hogsette, J. A. Attended Armed Forces Pest Management Board Meeting to consult with the Equipment Committee on traps for fly management and projects being conducted cooperatively with military personnel. Silver Spring, MD, April 4-7, 2011.

Hogsette, J. A. Attended Armed Forces Pest Management Board Meeting to consult with the Equipment Committee on traps for fly management and projects being conducted cooperatively with military personnel. Silver Spring, MD, November 1-3, 2011.

Gerry, A. C. "Why did the chicken cross the road? - To escape deadly exotic disease" (article on END isolation from flies associated with poultry manure). UCANR News. June 20, 2007.

Gerry, A. C. "Flies suspected in transmitting deadly poultry disease." Central Valley Business Times. June 20, 2007.

Gerry, A. C. "Fly management strategies on dairies." Ag Alert Weekly Newspaper, California Farm Bureau. August 29, 2007.

Jarzen, D. and J. Hogsette. 2009. A novel approach to fly control. *Equus*. Issue 381 (June 2009): 18.

Loftin K.M. and R.F. Corder. 2011. Fly IPM on Dairies (FY 11, on-line Moodle training course). University of Arkansas, Div. of Ag. Coop. Ext. Service. Little Rock, AR

Loftin, K.M. and R.F. Corder. 2011. Insect Pests of Livestock portion of Animal Science Core Training (FY 11, on-line Moodle and field training course). University of Arkansas, Div. of Ag. Coop. Ext. Service. Little Rock, AR.

Moon, R. D. 2011. Manure management to prevent fly infestations. Minnesota Horse Expo 2011, St. Paul, MN, April 29 and 30.

Moon, R. D. 2011. Manure management to prevent fly infestations. Horse Owners Education Program, St. Paul, MN, 15 October.

Thomas, H. S. "Flies and Bugs," *The Horse*. January 1, 2009.  
(<http://www.thehorse.com/ViewArticle.aspx?ID=13344&src=SV>).

Watson, D. W. Pest and Disease Management in Dairy Ecosystems. Center for Environmental Farming Systems Intern Program, 2011. Patrick Miles, NC A&T; Jamie Berger, UNC; Beth Chapman, NDSU; & Sindhu Siva, U. Delaware.

Zhu, J. J. Interviewed and wrote info (2010-2011) for scientific journals and magazines on stable fly research (American Chemistry Society News Press, Chemical Education, USDA NewsMaker, MidWest Producer, Feed-Lot Magazine, The IPM Practitioner, The Horse



magazines, etc).

Zhu, J. J. Interviewed (2010-2011) By Radio stations on biting fly management and botanical-based repellent development (Canada Discovery Channel, Voice of America, Meredith National Radio, and WALO-Puerto Rico).