

JUSTIN L. TALLEY

Professor / Extension Livestock Entomologist

Oklahoma State University
Department of Entomology and Plant Pathology
127 Nobel Research Center
Oklahoma State University
Stillwater, OK 74078
(405) 744-9420
justin.talley@okstate.edu

EDUCATION

Ph.D., Kansas State University, Manhattan, KS, 2008

Major: Entomology

Dissertation Title: “Winter feeding sites of round hay bales as sources of stable flies (Diptera: Muscidae) in pastures.”

Major Advisors: Drs. Alberto Broce and Ludek Zurek

M.S., West Texas A&M University, Canyon, Texas, December 2001

Major: Plant, Soil, and Environmental Science

Thesis Title: “Monitoring Population Trends of House Flies and Stable Flies (Diptera: Muscidae) on Texas High Plains Feedlots.”

Major Advisors: Drs. Greta Schuster and Bill Clymer

B.S., West Texas A&M University, Canyon, Texas, May 2000

Major: Agronomy with emphasis in Integrated Pest Management

PROFESSIONAL EXPERIENCE

1. ***Professor / Extension Livestock Entomologist.*** July 2017 –Current; Dept. of Entomology and Plant Pathology. Oklahoma State University, Stillwater, Oklahoma. Extension Livestock Entomologist (65% Extension 25% Research 10% Teaching)
 - Principal Investigator for Oklahoma State University National Tick Rearing Laboratory
 - Responsible for state extension needs regarding livestock pests
 - Teaches ENTO 3003 Livestock Entomology
 - Teaches ENTO 4573/5573 Intro. to Forensic Entomology

2. **Associate Professor / Extension Livestock Entomologist.** July 2012 –June 2017; Dept. of Entomology and Plant Pathology. Oklahoma State University, Stillwater, Oklahoma. Extension Livestock Entomologist (65% Extension 25% Research 10% Teaching)
 - Responsible for state extension needs regarding livestock pests
 - Supervises graduate and undergraduate students in research
 - Teaches ENTO 3003 Livestock Entomology
 - Teaches ENTO 4400 Intro. to Forensic Entomology

3. **Assistant Professor / Extension Livestock Entomologist.** November 2006 –June 2012; Dept. of Entomology and Plant Pathology. Oklahoma State University, Stillwater, Oklahoma. Extension Livestock Entomologist (65% Extension 25% Research 10% Teaching)
 - Responsible for state extension needs regarding livestock pests
 - Supervises graduate and undergraduate students in research
 - Teaches ENTO 3003 Livestock Entomology

4. **Graduate Research Assistant.** January 2003-September 2006
Department of Entomology, Kansas State University, Manhattan, Kansas
 - Responsible for conducting research on stable fly development in pastures that focuses on alternative feeding strategies of round hay bales

5. **Graduate Teaching Assistant.** August 2004-December 2004; August 2005-December 2005 ENTOM 306 Livestock Entomology Lab
 - Department of Entomology, Kansas State University, Manhattan, Kansas
 - Responsible for developing course objectives, practical lab exercises, and student assessments for the course

6. **Research Associate – Integrated Pest Management.** December 2001-2003
Division of Agriculture, West Texas A&M University, Canyon, Texas
 - Responsible for conducting research activities under the IPM program
 - Research program addressed all aspects of pest management in confined beef operations, field crop production, and vegetable production. Research included monitoring seasonal abundances of house flies and stable flies in open-lot beef operations, aflatoxin evaluation on drought stressed corn, and potato seed piece fungicide efficacy
 - Assist in teaching undergraduate/graduate classes in the course Agriculture Chemicals (Modes of Action)

PROFESSIONAL ACTIVITIES

1. Entomological Society of America (March 2002-Present)
2. Southwest Branch Entomological Society of America (2008 – present)
 - a. Co-Program Chair for 2011 Annual Meeting
3. Kansas / Central States Entomological Society (2007 -2010)
 - a. President (2009-2010)
4. KSU Graduate Student Association-Animal Science and Industry (April 2005-September 2006); Treasurer (June 2005-June 2006)
5. KSU Popenoe Entomology Club (January 2004-September 2006); Agricultural Education Coordinator (FFA) (May 2005-June 2006)
6. WTAMU – Lion’s Club, Student Secretary (September 2001-December 2001), Charter Member (September 2001-December 2001)
7. WTAMU – Graduate Advisor for Collegiate 4-H (May 2001-November 2001)

HONORS and AWARDS

1. Outstanding State Extension Specialist Award 2016: Oklahoma Association of Extension Agriculture Agents
2. International Association of Food Protection 2014 Most Cited Research Paper Award. Third Place Award: Mitra, R., E. Cuesta-Alonso, A. Wayadande, J. Talley, S. Gilliland, and J. Fletcher. 2009. Effect of route of introduction and host cultivar on the colonization, internalization, and movement of the human pathogen *Escherichia coli* O157:H7 in spinach. *J. Food Protection* 72:1521-1530.
3. Western Agricultural Economics Association. 2014 Outstanding Extension Program Award. E. DeVuyst, D. Doye, D. Peel, K. Raper, G. Mourer, D. Lalman, C. Richards, M. Rolf, D Stein, D.L. Step, and J Talley. The Oklahoma Quality Beef Network Team.
4. Gamma Sigma Delta – Outstanding New Extension Educator -2008 – Oklahoma State University
5. Outstanding IPM Graduate Student -2006- Kansas State University
6. Outstanding Student Award – 2000 – Presented by American Society of Agronomy
7. 1st Place Poster at the 12th Annual Texas Tech Health Science Student Research Poster Competition – (2000)
8. B.A. Stewart Dryland Scholarship (1997,1998,1999)
9. Houston Livestock Show and Rodeo Scholarship (1996-1999)
10. West Texas Agriculture Chemical Institute Scholarship (1998)
11. Alpha Zeta Honor Fraternity of Agriculture WTAMU, Secretary (1997-1999), Vice President (2000) (active member – 1997-2001)
12. Phi Eta Sigma Honor Society WTAMU (1997)

COURSES TAUGHT

1. ENTO 4573/5573– Intro. to Forensic Entomology (3 credit hr) Oklahoma State University
2. ENTO 3003 – Livestock Entomology (3 credit hr) Oklahoma State University
3. ENTO 2091 – Livestock Entomology Lab (1 credit hr) Oklahoma State University
4. ENTO 3001 – Livestock Entomology Lab (1 credit hr) Oklahoma State University
5. ENTO 301 - Livestock Entomology Lab (1 credit hr) Kansas State University

INVITED LECTURES

1. **Talley, J.** 2006. Management and characterization of stable fly larval development at round hay bale feeding sites. Guest Lecturer. Livestock Entomology ENTO 3003.
2. **Talley, J.,** 2001. “Livestock IPM”, Guest lecturer for Advancements in Livestock Production ANSC 5528.
3. **Talley, J.** 2005. Causes of gaps between science and policy makers. Presented as a non-dissertation seminar to the Dept. of Entomology at Kansas State University, Manhattan, Kansas.

GRADUATE STUDENTS UNDER MY SUPERVISION

1. Kylie Sherrill MS student. Influence of Eastern Redcedar on biting fly populations in pastured beef systems (current).
2. Brandon Lyons Ph.D. candidate. Litter beetle control and the role it plays in *Enterococcus cecorum* dissemination throughout a broiler house. (current)

GRADUATE STUDENTS GRADUATED

1. Dubie. T.R. 2014. Influence of Vegetation Height on the Dispersal of House Flies (*Musca Domestica*) from Livestock Facilities and Filth Fly Activity Associated with Composted and Non-Composted Beef Cadavers. July 2014. (Ph.D. Dissertation).
2. Ward. T.B. 2014. Influence of an Urban Heat Island on Mosquito Development and Survey of Biting Midge Species Associated with White-Tailed Deer Farms. May 2014. (M.S. Thesis).
3. Lucas Pierce M.S. (Graduated Dec. 2012) Efficacy of Entomopathogenic Nematodes Utilized to Control Stable Flies (*Stomoxys calcitrans*) at Round Bale Feeding Sites.

GRADUATE COMMITTEES

1. Jordan Sanders M.S. (Current)
2. Noel Cote Ph.D. (Current)
3. Krista Pike M.S. (Graduated)
4. Jaclyn Martin M.S. (Graduated)
5. Jessica Mitcham M.S. (Graduated)
6. Noel Cote M.S. (Graduated)
7. Lakmini Wasala M.S. (Graduated)
8. Kyle Risser M.S. (Graduated)
9. Rebecca Pace Ph.D. (Graduated)
10. Nisha Shakya M.S. (Graduated)

PEER-REVIEWED ARTICLES

1. Dubie, T. R., **J. L. Talley**, J. B. Payne, A. W. Wayadande, J. Dillwith, C. Richards. (2017) Filth Fly Activity Associated with Composted and Noncomposted Beef Cadavers and Laboratory Studies on Volatile Organic Compounds. *Journal of Medical Entomology*. 54: 1299–1304.
2. Dubie, T.R. & **J.L. Talley**. (2017) Arthropods Associated with Bovine Carrion in Central Oklahoma. *Southwestern Entomologist* 42:331-337.
3. Pace, Rebecca C., **J. L. Talley**, Tawni L. Crippen, Astri C. Wayadande (2017) Filth Fly Transmission of *Escherichia coli* O157:H7 and *Salmonella enterica* to Lettuce, *Lactuca sativa*. *Annals of the Entomological Society of America* 110: 83–89.
4. Scasta JD, **Talley JL**, Engle DM, Debinski DM (2017) Climate extremes, vegetation change, and decoupling of interactive fire-grazing processes exacerbate fly parasitism of cattle. *Environ Entomol* 46:191–200.
5. Risser, K., C. Greenwood, N. Walker, M. Payton, and **J. Talley**. 2016. Prevalence and diversity of entomopathogenic nematodes spanning a mean annual precipitation gradient in pastureland in Oklahoma. *Southwestern Entomologist* 41.
6. Bajracharya, N.S., G.P. Ojit, **J. Talley**, S.G. Gautam & M.E. Payton. 2016. Assessment of fitness effects associated with phosphine resistance in *Rhyzopertha dominica* (F.) (Coleoptera: Bostrichidae) and *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *African Entomology* Vol. 24: 39-49.
7. Scasta, J.D., D.M. Engle, **J.L. Talley**, J.R. Weir, S.D. Fuhlendorf, and D. Debinski. 2015. Drought influences control of parasitic flies of cattle on pastures managed with patch-burn grazing. *Rangeland Ecology & Management*. 68: 290-297.
8. Ferguson, HJ., A.C. Gerry, **J.L. Talley**, B. Smythe. 2015. VetPestX: Finally! An Online, Searchable, Pesticide Label Database Just for Pests of Animals. *Journal of Extension*. Vol 53 Num. 3 (online).
9. Duell, J.R., R. Carmichael, B. H. Herrin, T. C. Holbrook, **J. Talley**, and S. E. Little. 2013. Prevalence and Species of Ticks on Horses in Central Oklahoma. *Journal of Medical Entomology* 50:1330-1333.

10. Bajracharya, N.S., G. P. Opit, **J. Talley**, and C.L. Jones. 2013. Efficacies of spinosad and a combination of chlorpyrifos-methyl and deltamethrin against phosphine-resistant *Rhyzopertha dominica* (Coleoptera: Bostrichidae) and *Tribolium castaneum* (Coleoptera: Tenebrionidae) on wheat. *Journal of Economic Entomology* 106 2208-2215.
11. Wasala, L., **J. Talley**, U. Desilva, J. Fletcher and A. Wayadande. 2013. Transfer of *Escherichia coli* O157:H7 to spinach by house flies (*Musca domestica*). *Phytopathology* 103:373-380.
12. Scasta, J.D., Engle, D.M., **Talley, J.L.**, Weir, J.R., Stansberry, J.C., Fuhlendorf, S.D., and Harr, R.N. 2012. Pyric-herbivory to manage horn flies (Diptera: Muscidae) on cattle. *Southwest. Entomol.* 37(3): 325-334.
13. Aminatou, B.A., S.G. Gautam, G.P. Opit, **J. Talley** and K. Shakya. 2011. Population growth and development of *Liposcelis pearmani* (Psocoptera: Liposcelididae) at constant temperatures and relative humidities. *Environ. Entomol.* 40: 788-796.
14. 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
15. **Talley, J.L.**, L. Zurek, and A.B. Broce. 2009. Characterization of the stable fly (Diptera: Muscidae) larval developmental habitat at round hay bale feeding sites. *J. Med. Entomol.* 46: 1310-1319.
16. **Talley, J.L.**, A.C. Wayadande, L.P. Wasala, A.C. Gerry, J. Fletcher, U. DeSilva, 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). *J. Food. Protec.* 72: 1547-1552.
17. Mitra, R., E. Cuesta-Alonso, A. Wayadande, **J. Talley**, S. Gilliland, J. Fletcher. 2009. Effect of Route of Introduction and Host Cultivar on the Colonization, Internalization, and Movement of the Human Pathogen *Escherichia coli* O157:H7 in Spinach. *J. Food. Protec.* 72: 1521-1530.

BOOK CHAPTERS

1. Tomberlin, J. and **J. Talley**. 2009. Livestock Entomology. *In: Forensic Entomology: The utility of arthropods in legal investigations. 2nd Edition.* Ed. J.H. Byrd and J.L. Castner. CRC Press, Boca Raton, FL.

GRANT ACTIVITIES – Total Funding Acquired at OSU: **\$3,173,350.00**

Funded:

1. Talley, J. and R. Reuter. 2017. Efficacy of pyriproxyfen IGR for controlling horn flies, house flies, and stable flies on stocker cattle. \$68,000.
2. Noden, B., F. Ochoa-Corona, and J. Talley. 2017. A field deployable Rapid Anaplasma Detection (RAD) kit for screening three Anaplasma species infecting livestock. USDA-AFRI Seed. \$150,000.
3. Hoback, W., B. Noden, A. Wayadande, and J. Talley. 2017. NATIVES: Native Americans Trained In Various Entomological Sciences. USDA-MSP. \$200,000.
4. Talley, J.L. “Efficacy trials for ticks and flies.” Syngenta Corp. \$11,000
5. Johnston, J., G. Peek, **J. Talley**, S. Osteen, and D. Shideler. “Partners to Improve Safety Practices among Oklahoma Farmers and Ranchers.” CDC/NIOSH: Southwest Center for Agricultural Health, Injury Prevention and Education. \$279,692.
6. Teel, P., **J. Talley**, and H. Ketchum. “Application of weather dynamics to predict population change and enhance IPM strategies for the Gulf Coast Tick.” USDA-RIPM. 2012-2013. \$30,000.
7. Teel, P., M. Longnecker, D. Anderson, S. Swiger, and **J. Talley**. USDA-PMAP. Alternative IPM Practices for the Detection and Management of Ectoparasite Burdens in Cattle Systems. **\$170,965.**
8. Royer, T. and **J. Talley**. USDA NIFA Extension IPM Coordination and Support Program. “Poultry IPM: Demonstration of a male aggregation pheromone for the lesser mealworm, *Alphitobius diaperinus*.” USDA NIFA Extension IPM Coordination and Support Program. 2010 - 2013. \$36,500
9. Royer, T. and **J. Talley**. “Beef IPM: Monitoring horn fly, *Haematobia irritans*, resistance in beef cattle herds in Oklahoma.” USDA NIFA Extension IPM Coordination and Support Program. 2010 - 2013. \$31,500.
10. Alexander, J., G. Rezabek, R. Kropp, **J. Talley**, G. Parker. E. DeVuyst. “Oklahoma State University Farmed Whitetail Deer Program.” US Department of Education-Special Appropriated Funds. 2010-2011 **\$450,000**
11. **Talley, J.** “Determining efficacy of Dimilin 4L against the poultry litter beetle, *Alphitobius diaperinus*.” Chemtura Inc. 2010. **\$9,500**
12. **Talley, J.**, J. Dillwith, K. Kocan, D. Jaworski, M. Reiskind, and L. Coburn. 2009. Proposal for Enhancement of Infrastructure of the National Tick Research and Education Resource (NTRER): Expanding Tick Rearing Capacity. **\$150,000.**
13. Kocan, K., J. Dillwith, D. Jaworski, E. Shaw, M. Reiskind, and **J. Talley**. 2009. NTRER Core Facilities Support proposal. OSU VP Core Facility Support Program **\$80,000.**
14. Wayadande, A., A. Gerry, **J. Talley**, J. Fletcher, J. Millar, U. DeSilva, and T. Michailidis. 2009. Filth Fly Transmission of Human Enteric Bacteria to Pre-harvest Fresh Produce. National Integrated Food Safety Initiative (NIFA) **\$968,400**
15. Criswell, J., C. Luper, E. Rebek, D. Smith, **J. Talley**. 2009. Development of a Pest Management Strategic Plan for the Oklahoma Nursery, Grape, and Beef Industries. SRIPMC IPM Enhancements Grants Program **\$25,000.**

16. Center for Produce Safety - Fly Reservoirs of E. coli O157:H7 and their Role in Contamination of Leafy Greens. Wayadande, A., **J. Talley**, and J. Fletcher. **\$49,155** Awarded April 2009
17. CSREES –Extension Integrated Pest Management Coordination and Support Program: Request for support of high-priority EIPM coordination programs for IPM Oklahoma!, T. Royer, J. Talley, J. Goodsen, S. Osborne, B. Sanders, T. Pitts, G. Driever. **\$204,347** .
18. Chemtura Inc. Efficacy of Dimilin 2L against house flies and stable flies developing in manure. **J. Talley**. Oklahoma State University. **\$10,000** Awarded: May 2008
19. Chemtura Inc. Efficacy of Dimilin 2L against house flies and stable flies developing in manure. **J. Talley**. Oklahoma State University. **\$6,000** Awarded: May 2007
20. Fresh Express Inc., “Movement of Escherichia coli O157:H7 in spinach and dissemination to leafy greens by insects,” Fletcher, J., A. Wayadande, **J. Talley**, and S. Gilliland. Awarded April 2007 - **\$224,291**
21. Oklahoma State University Team Initiative Project (OSU-TIP), “Comparison and Demonstration of Integrated Pest Management Benefits Realized through Multi-species Grazing of Native Rangelands,” Sparks, D. and **J. Talley**. Awarded January 2007 - **\$19,000**

Not Funded:

1. Talley, J., A. Ramachandran, T. Blagden, Li Ma, K. Bailey, R. Merkel. 2016. Ecology of Antibiotic-Resistant Gene Reservoirs in Livestock Associated House Flies (*Musca domestica*) And Fly Control as a Mitigation Strategy. NIFA - AFRI Food Safety Challenge Area. \$1,154,077. (not funded)
2. Talley, J. W. Hoback, B. Noden. 2016. Dung beetles: The ecosystem service workhorse of pastured animal systems. NIFA – Organic Agriculture Conference Grant. \$47,533 (not funded)
3. Noden, B. W. Hoback, A. Wayadande, and J. Talley. REVAMP: Recruiting Entomologists for Veterinary, Agrosecurity and Medical Professions. USDA: Higher Education Multicultural Scholars Program. \$200,000 (not funded)
4. Holbrook, T.C., S.E. Little and J.L. Talley. Characterization of a Novel Tick Transmitted Ehrlichia sp. Infection in Horses. 2014 Advancement in Equine Research Award, Boehringer Ingelheim. \$15,000 (not funded)
5. Talley, J., A. Wayadande, L. Durso, L. Ma, and K. Freisen. Measuring, Mitigating, and Messaging: Antibiotic Resistance in Food Animal Operations. NIFA-AFRI-CAP. \$2,169,659 (not funded)
6. Pace, R. (**J. Talley** faculty Mentor). Litter beetles and *Enterococcus cecorum* \$149,783.
7. Talley, J. and A. Wayadande. “Field vs. Laboratory: Are filth flies a conduit for human pathogens to fresh produce under field conditions?” Center for Produce Safety. 2013. \$121,895
8. Wayadande, A., J. Tomberlin, A. Tarone, T. Crippen, M. Payton, and J. Talley. 2012. Fly-Mediated Evolution of New Pathogen Variants. National Science

- Foundation: Ecology and Evolution of Infectious Diseases. Requested \$1,383,883,
9. USDA-NRI- Food Safety Program. Fly Transmission of Human Enteric Bacteria to Fresh Produce. A. Wayadande, A. Gerry, J. Talley, J. Fletcher, U. Desilva. Oklahoma State University and University of California-Riverside. \$329,929
 10. J. Talley, R. Merkel, J. Tomberlin . Southern Region IPM Seed Funds, Survey of pest management practices associated with external parasites of goats in Oklahoma and Texas. Oklahoma State University, Langston University, Texas A&M University. \$23,346
 11. Sustainable Agriculture Research and Education (SARE), KSU, “Modification of Round Bale Feeding for a more Sustainable System for Control of Stable Flies in Pastures”, 2004 - \$8,911

PRESENTATIONS and POSTERS at PROFESSIONAL MEETINGS

1. Talley, J.L. and S. Swiger. 2017. Symposia organizers: Public and veterinary health: What is a vector biologist’s role. Southwestern Branch Meeting of the Entomological Society of America April 09 - 13, 2017. Austin, TX
2. Talley, J.L. 2017. Communicating to cattle producers in Oklahoma: Speaking their language to stress the importance of external parasites. Southwestern Branch Meeting of the Entomological Society of America April 09 - 13, 2017. Austin, TX (invited symposium speaker).
3. Wilson, R., K. Sherrill, K. Black, N. Walker, and J. Talley. 2017. Field evaluation of standard pressurized spray application to mist blower applications of four acaricides for the control of lone star ticks (*Amblyomma americanum*) in turf. Southwestern Branch Meeting of the Entomological Society of America April 09 - 13, 2017. Austin, TX (2nd Place Undergraduate Research Poster).
4. Sherrill, K. and J.L. Talley. 2017. The influence of eastern red cedar on Tabanidae populations in Oklahoma. 61st Annual Livestock Insect Workers Conference. Savannah, GA June 2017.
5. Talley, J.L. 2017. Horn Fly Control and Growth Implants Are Effective Strategies for Heifers Grazing Flint Hills Pasture. 61st Annual Livestock Insect Workers Conference. Savannah, GA June 2017.
6. Sherrill, K, J.L. Talley, B.N. Noden and L. Goodman. 2017. The influence of eastern red cedar on Tabanidae populations in Oklahoma. Entomology 2017: Ignite. Inspire. Innovate. November 5-8, 2017 Denver, CO.
7. Talley, J.L. 2017 Highlights of Veterinary Entomology. Entomology 2017: Ignite. Inspire. Innovate. November 5-8, 2017 Denver, CO. Selected by peers through the MUVE section to present this talk.
8. Talley, J.L. and A. Wayadande. 2016. Insights into Sandfly Feeding Behavior Revealed by Electropenetrography. Symposium: In Honor of Past ESA President Donald L. McLean: Electropenetrography (EPG) Without Borders: Plant Pathogen Vector Research Inspiring Novel Animal Disease Studies. 2016 XXV International Congress of Entomology. (invited symposium)

9. Dubie, T.R., B.H. Noden, and J.L. Talley. 2016. Phenology and ecology of tick species parasitic on cattle and wildlife in Oklahoma. 2016 XXV International Congress of Entomology.
10. Talley, J.L. 2016. Are we hitting the mark with current pest control recommendations? 60th Annual Livestock Insect Workers Conference. Oklahoma City, OK June 2016.
11. Sherrill, K. and J.L. Talley. 2016. Comparison of different insecticidal application techniques for horn fly (*Haematobia irritans*) control in Oklahoma cow/calf operations. 60th Annual Livestock Insect Workers Conference. Oklahoma City, OK June 2016.
12. Talley, J.L., J. Scasta, J. Payne, T. Dubie, C. Richards, M. Rolf, and B. Noden. 2015. Cross-disciplinary dialog between animal scientists, rangeland ecologists and veterinary entomologists leads to novel control practices of external parasites in beef systems. Entomology 2015 Synergy in Science, Minneapolis, MN. (invited symposium)
13. Lyons, B., J.L. Talley, T. Royer, A. Wayadande, and J. Payne. 2015. Enterococcus cecorum vector competency of *Alphitobius diaperinus* (Panzer). Entomology 2015 Synergy in Science, Minneapolis, MN.
14. Dubie, T., B.H. Noden, and J.L. Talley. 2015. Phenology and Ecology of Tick Species Affecting Cattle in Oklahoma. Entomology 2015 Synergy in Science, Minneapolis, MN.
15. Duggan, K. and J.L. Talley. 2015. Efficacy of insecticidal ear tags and the new VetGun application for horn fly (*Haematobia irritans*) control in Oklahoma cow/calf operations. Joint Meeting of the Kansas Entomological Society and Arkansas Entomological Society April 3-4, 2015. (2nd place oral presentation)
16. Duggan, K. and J.L. Talley. 2015. Efficacy of insecticidal ear tags and the new VetGun application for horn fly (*Haematobia irritans*) control in Oklahoma cow/calf operations. 63rd Annual Meeting of the Southwestern Branch of the Entomological Society of America. Tulsa, OK. (2nd place poster).
17. Dubie, T., B.H. Noden, and J.L. Talley. 2015. Phenology and ecology of tick species parasitic on cattle and wildlife. 63rd Annual Meeting of the Southwestern Branch of the Entomological Society of America. Tulsa, OK.
18. Talley, J.L., T. Dubie, and J. Scasta. 2015. Update on fly research projects in Oklahoma. S-1060 Multistate Meeting Baton Rouge, LA. January 14 -15, 2015.
19. Talley, J. 2014. Livestock Pests. Colorado Ag Aviation Association, Loveland, CO. November 20, 2014.
20. **Talley, J.L.** 2014. Overlap, experiences and future opportunities between veterinary entomology with forensic entomology. MS: Youthful Perspectives in Forensic Entomology, Part Deux: The Road Less Traveled. 62th Annual Entomological Society of America National Meeting, Portland, OR. (invited symposium)
21. **Talley, J.L.**, T. Royer, and A. Zarrabi. 2014. Grasshopper Control for Pastures. 62nd Oklahoma Cattlemen's Association. July 24-26, 2014.
22. Ward, T., B. Pfannenstiel and **J. Talley**. 2014. A survey of the Culicoides species associated with Oklahoma captive white-tailed deer farms using both on-host

- sampling and carbon dioxide traps. 58th Annual Livestock Insect Workers Conference Proceedings. June 2014. San Diego, CA.
23. Borrone, J., P. Hoyt, U. DeSilva, **J. Talley**, and A. Wayadande. Metagenomic analysis of regurgitation and defecation spots of the blow fly, *Phormia regina*: The excretome. MCBios, Stillwater, OK March, 2014
 24. **Talley, J.** 2013. Human enteric bacteria transmission to leafy greens by flies. Invited symposium, 2013 Joint APS-MSA Annual Meeting Austin, TX.
 25. Dubie, T., **J. Talley**, and A. Wayadande. 2013. Dispersal of *Musca domestica* out of livestock facilities and evaluation of habitat corridors. 61th Annual Entomological Society of America National Meeting, Austin, TX.
 26. Ward, T. and **J. Talley**. A survey of the *Culicoides* species associated with Oklahoma captive white-tailed deer farms using both on-host sampling and carbon dioxide traps. 61th Annual Entomological Society of America National Meeting, Austin, TX.
 27. Dubie, T., **J. Talley**, and A. Wayadande. 2013. Dispersal of *Musca domestica* out of livestock facilities and evaluation of habitat corridors. Southwestern Branch of the ESA, Las Cruces, NM.
 28. Ward, T., M. Reiskind, and **J. Talley**. 2013. The Effects Of An Urban Heat Island On The Population Performance And Larval Development Of The Asian Tiger Mosquito (*Aedes albopictus*). Southwestern Branch of the ESA, Las Cruces, NM. 1st Place Winner.
 29. Pace, R., **J. Talley**, and A. Wayadande. 2013. Movement of E. coli O157:H7 and Salmonella enterica to lettuce by the black blow fly, *Phormia regina*. Southwestern Branch of the ESA, Las Cruces, NM.
 30. Scasta, J.D., Engle, D.M., **Talley, J.L.**, Weir, J.R., Stansberry, J.C., Fuhlendorf, S.D., and Harr, R.N. 2012. Pyric-herbivory to manage horn flies (Diptera: Muscidae) on cattle. 57th Annual Livestock Insect Workers Conference Proceedings. July 2012. Nebraska City, NE.
 31. Wayadande, A. A. Gerry, **J. Talley**, J. Millar, J. Fletcher, U. DeSilva, and T. Michaelides. 2013. Filth fly transmission of human enteric pathogens to pre-harvest fresh produce. USDA NIFSI project-director's meeting.
 32. Scasta, J.D., Engle, D.M., **Talley, J.L.**, Weir, J.R., Stansberry, J.C., Fuhlendorf, S.D., and Harr, R.N. 2013. Pyric-herbivory to manage horn flies (Diptera: Muscidae) on cattle. Patch Burn Grazing Working Group 2013 Meeting, Chase County, Kansas
 33. Pace, R., **J. Talley**, and A. Wayadande. 2012. Movement of E. coli O157:H7 and Salmonella enterica to lettuce by the black blow fly, *Phormia regina*. Southwestern Branch of the ESA, Little Rock, AR.
 34. Pace, R., **J. Talley**, and A. Wayadande. Movement of E. coli O157:H7 and Salmonella enterica by the house fly, *Musca domestica* and the blow fly, *Phormia regina*, to lettuce. Invited symposium, NCB ESA, April 2012, Lincoln NE.
 35. Scasta, J.D., Engle, D.M., **Talley, J.L.**, Weir, J.R., Stansberry, J.C., Fuhlendorf, S.D., and Harr, R.N. 2012. Pyric-herbivory to manage horn flies (Diptera: Muscidae) on cattle. 56th Annual Livestock Insect Workers Conference Proceedings. July 2012. Kalispell, MT.

36. **Talley J.**, A. Wayadande, L. Wasala, R. Pace, T. Dubie, J. Fletcher. 2012. House flies (Diptera: Muscidae) and their role as a risk factor for animal agriculture located near leafy greens production areas. 56th Annual Livestock Insect Workers Conference Proceedings. July 2012. Kalispell, MT.
37. Wayadande, A. A. Gerry, **J. Talley**, J. Millar, J. Fletcher, U. DeSilva, and T. Michaelides. 2012. Filth fly transmission of human enteric pathogens to pre-harvest fresh produce. USDA NIFSI project-director's meeting, July 20, 2012, Providence, RI
38. Scasta, J.D., Engle, D.M., **Talley, J.L.**, Weir, J.R., Stansberry, J.C., Fuhendorf, S.D., and Harr, R.N. 2012. Pyric-herbivory to manage horn flies (Diptera: Muscidae) on cattle. Patch Burn Grazing Working Group 2012 Meeting, Chase County, Kansas
39. Pace, R., A. Wayadande, **J. Talley**, and J. Fletcher. 2012. Movement of E. coli and Salmonella to leafy green plants by *P. regina*. 60th Annual Entomological Society of America National Meeting, Knoxville, TN.
40. Dubie, T., **J. Talley**, and A. Wayadande. 2012. Dispersal of *Musca domestica* out of livestock facilities and evaluation of habitat corridors. 60th Annual Entomological Society of America National Meeting, November 2012. Knoxville, TN.
41. Ward, T., M. Reiskind, and **J. Talley**. 2012. The Effects Of An Urban Heat Island On The Population Performance And Larval Development Of The Asian Tiger Mosquito (*Aedes albopictus*). 60th Annual Entomological Society of America National Meeting, November 2012. Knoxville, TN.
42. **Talley, J.L.**, C. MacAllister, C. Ball, and D. Kobuszewski. 2011. Efficacy of a topical formulation of dinotefuran, pyriproxyfen and permethrin against stable flies (*Stomoxys calcitrans*) on horses. 55th Annual Livestock Insect Workers Conference. St. Louis, MO.
43. Duell, J., R. Carmichael, T. Holbrook, **J. Talley**, and S. Little. 2011. "Equine tick infestation and exposure of horses to tick-borne disease agents." Annual OSU Animal Health Intern Program.
44. **Talley, J.** and A. Wayadande. 2010. Fly reservoirs of E. coli O157:H7. Section Symposium, 58th Annual Entomological Society of America National Meeting, San Diego, CA.
45. Aminatou, A., S. Gautam, G. Opit, and **J. Talley**. 2010. Population Growth and Development of the Psocid *Liposcelis pearmani* (Psocoptera: Liposcelididae) at Constant Temperatures and Relative Humidities. 58th Annual Entomological Society of America National Meeting, San Diego, CA.
46. Solorzano, C., U. DeSilva, **J. Talley**, and A. Wayadande. 2010. "Detection of E. coli O157:H7 from house flies collected from animal production areas in California." 58th Annual Entomological Society of America National Meeting, San Diego, CA.
47. Gerry, A. Millar, J., T. Michaelides, **J. Talley**, and A. Wayadande. 2010. Comparison of fly microbial diversity under controlled conditions. Facing Challenges of Vector Borne Disease in the 21st Century. Riverside, CA.

48. Gerry, A. Millar, J., T. Michaelides, **J. Talley**, and A. Wayadande. 2010. "Waiter there is a fly in my soup". 19th Annual Urban Pest Management Conference. University of California at Riverside. Riverside, CA.
49. Wayadande, A. and **J. Talley**. 2010. Filth fly reservoirs of E. coli O157:H7. California Leafy Greens Research Board. Huron, CA.
50. Gerry, A. Millar, J., T. Michaelides, **J. Talley**, A. Wayadande, and L. Wasala. 2010. Protecting food crops from contamination with filth fly transmitted human pathogens. Annual Conference. American Society of Horticultural Scientists. Palm Desert, CA.
51. Wasala, L., **J. Talley**, and A. Wayadande. 2010. "Dissemination of Escherichia coli O157:H7 to spinach via regurgitation by house flies, *Musca domestica* L." 86th Annual Central States (Kansas) Entomological Society.
52. Wayadande, A. and **J. Talley**. 2010. Filth fly reservoirs of E. coli O157:H7. Center for Produce Safety Annual Symposium, Davis, CA.
53. Solorzano, C. U. DeSilva, **J. Talley**, A. Wayadande. 2010. Tracking the origin of muscoid flies in unprocessed fresh produce. Facing the Challenges of Vector-Borne Diseases in the 21st Century. Riverside, CA.
54. Wasala, L., **J. Talley**, J. Fletcher, and A. Wayadande. 2010. Dissemination of *Escherichia coli* O157:H7 to spinach via regurgitation by house flies, *Musca domestica* L. International Association for Food Protection, Anaheim, CA.
55. Gerry, A. Millar, J., T. Michaelides, **J. Talley**, and A. Wayadande. 2010. Research update on arthropod pests of poultry. Quality Assurance Seminar. California Poultry Federation. Visalia, CA.
56. **Talley, J.** and A. Wayadande. 2009. Transmission of E. coli O157:H7 by house flies into leafy greens. 57th Annual Southwest Entomological Society Meeting Stillwater, OK..
57. **Talley, J.**, A. Wayadande, J. Fletcher, S. Gilliland, and A. Gerry. 2007. Survey of insect fauna in leafy green production areas near livestock pastures. Annual Entomological Society of America Meeting San Diego, CA (Poster)
58. **Talley, J.** 2006. Alternative hay feeding strategies that reduce stable fly larval habitats. Entomology Science Conference Texas A&M University. (presentation)
59. **Talley, J.** 2006. Management and characterization of stable fly larval development at round hay bale feeding sites. Livestock Insect Workers' Conference at Amarillo, TX. (presentation)
60. **Talley, J.** 2005. Methods for feeding round hay bales and stable fly development. Kansas State Research & Extension Update at Manhattan, Kansas. (presentation)
61. **Talley, J.**, A. Broce, and L. Zurek. 2005. Effect of different feeding methods of large hay bales on stable fly populations in pastured cattle. Livestock Insect Workers' Conference at Bozeman, Montana. (presentation)
62. **Talley, J.**, A. Broce, and L. Zurek. 2004. Strategies for management of stable flies (Diptera: Muscidae) developing in round hay bale feeding sites in pastures. Livestock Insect Workers' Conference at Lake Placid, New York. (presentation)
63. **Talley, J.**, G. Schuster, D. Parker, B. Clymer, C. Patrick. 2002. Monitoring Population Trends of House Flies and Stable Flies (Diptera: Mucidae) on Texas High Plains Feedlots. Livestock Insect Workers' Conference at Ruidosa, New Mexico. June 23 – June 26. (presentation)

64. **Talley, J.,** G. Schuster, D. Parker, B. Clymer. 2001. Monitoring and Identification of Flying Insects at Feedyards on the Texas High Plains. Livestock Insect Workers' Conference at Cody, Wyoming. July 8 – July 11. (presentation)
65. **Talley, J.,** G. Schuster, D. Parker, B. Clymer. 2001. Monitoring and Identification of Flying Insects at Feedyards on the Texas High Plains. 2001 Texas A&M University Agricultural Program Conference, January 8-12, College Station, Texas. (poster)
66. **Talley, J.,** A. Knutson, G. Schuster. 2000. Beneficial Insects in Cotton: The Relationship Between Predator Population and Bollworm Egg Predation. Texas Tech Health Science 12th Annual Student Research Day Poster Competition, February 25, Lubbock, Texas. (poster)
67. **Talley, J.,** A. Knutson, G. Schuster. 2000. Beneficial Insects in Cotton: The Relationship Between Predator Population and Bollworm Egg Predation. Southwestern Entomology Society Meeting Student Poster Competition, Fort Worth, Texas. (poster)

EXTENSION PUBLICATIONS

1. **Talley, J.L.** 2016. External Parasites of Goats. In: Dairy Goat Production Handbook. Ed. R.C. Merkel, T.A.Gipson, and T. Sahlu. Office of Director, E (Kika)de la Garza American Institute for Goat Research, Langston, OK.
2. **Talley, J.L.** 2015. External Parasites of Goats. In: Meat Goat Production Handbook. 2nd Edition. Ed. R.C. Merkel, T.A.Gipson, and T. Sahlu. Office of Director, E (Kika)de la Garza American Institute for Goat Research, Langston, OK.
3. **Talley, J.L.** 2015. Chapter 39: External Parasites on Beef Cattle. In: Master Cattleman's Handbook. 6th Edition. Ed. D. Lalman and D. Doye. Oklahoma State University, Stillwater, OK.
4. Royer, T. and **J.L. Talley.** 2015. Management of Insect Pests in Rangeland and Pasture. Current Report CR-7193.
5. **Talley, J.L.** 2015. External Parasites of Goats. EPP-7019. Fact Sheet
6. **Talley, J.L.** 2014. Cattle ear tags. 2015 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
7. **Talley, J.L.,** D.C. Jaworski, B.H. Noden. K.M. Kocan, and S. Little. 2014. Common Ticks of Oklahoma and Tick-Borne Diseases. EPP-7001. Fact Sheet
8. **Talley, J.L.** 2014. External Parasites of Goats. EPP-7019. Fact Sheet
9. **Talley, J.L.** 2013. Cattle ear tags. 2013 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
10. Book Chapter **Talley, J.L.** 2013. External Parasites of Goats. Meat Goat Handbook.
11. **Talley, J.L.** 2013. Sampling for Culicoides around deer facilities. Farmed White-tail Deer Education Manual Spring Edition.
12. **Talley, J.L.** 2013. Hemorrhagic Diseases and the role Culicoides play in disease transmission. Farmed White-tail Deer Education Manual Spring Edition.

13. **Talley, J.L.** 2013. Fawn Care. Farmed White-tail Deer Education Manual Spring Edition.
14. **Talley, J.L.** 2012. Sampling for Culicoides around deer facilities. Farmed White-tail Deer Education Manual.
15. **Talley, J.L.** 2012. Hemorrhagic Diseases and the role Culicoides play in disease transmission. Farmed White-tail Deer Education Manual.
16. **Talley, J.L.** 2012. Fawn Care. Farmed White-tail Deer Education Manual.
17. **Talley, J.L.** 2012. Cattle ear tags. 2012 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
18. **Talley, J.L.** 2011. Sampling for Culicoides around deer facilities. Farmed White-tail Deer Education Manual.
19. **Talley, J.L.** 2011. Hemorrhagic Diseases and the role Culicoides play in disease transmission. Farmed White-tail Deer Education Manual.
20. **Talley, J.L.** 2011. Fawn Care. Farmed White-tail Deer Education Manual.
21. **Talley, J.L.** 2011. Hay feeding and stable flies. 5-State Beef Conference Manual. August 2011.
22. **Talley, J.L.** 2011. Impact of Horn flies on Cattle during Heat Stress. 5-State Beef Conference Manual. August 2011.
23. **Talley, J.L.** 2011. Cattle ear tags. 2012 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
24. **Talley, J.L.** 2011. Poultry ectoparasite control suggestions. 2012 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
25. **Talley, J.L.** 2010. Suggestions for fly control around farm premises (Residual Fly Sprays). 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
26. **Talley, J.L.** 2010. Beef cattle and non-lactating dairy cattle ectoparasite control suggestions. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
27. **Talley, J.L.** 2010. Dairy cattle ectoparasite control suggestions. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
28. **Talley, J.L.** 2010. Cattle ear tags. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
29. **Talley, J.L.** 2010. Horse ectoparasite control suggestions. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
30. **Talley, J.L.** 2010. Sheep ectoparasite control suggestions. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
31. **Talley, J.L.** 2010. Goat ectoparasite control suggestions. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
32. **Talley, J.L.** 2010. Swine ectoparasite control suggestions. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).

33. **Talley, J.L.** 2010. Poultry ectoparasite control suggestions. 2011 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
34. **Talley, J.L.** 2009. Suggestions for fly control around farm premises (Residual Fly Sprays). 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
35. **Talley, J.L.** 2009. Beef cattle and non-lactating dairy cattle ectoparasite control suggestions. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
36. **Talley, J.L.** 2009. Dairy cattle ectoparasite control suggestions. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
37. **Talley, J.L.** 2009. Cattle ear tags. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
38. **Talley, J.L.** 2009. Horse ectoparasite control suggestions. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
39. **Talley, J.L.** 2009. Sheep ectoparasite control suggestions. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
40. **Talley, J.L.** 2009. Goat ectoparasite control suggestions. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
41. **Talley, J.L.** 2009. Swine ectoparasite control suggestions. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
42. **Talley, J.L.** 2009. Poultry ectoparasite control suggestions. 2010 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
43. **Talley, J.** 2009. External Parasites of Goats. 24th Annual Goat Field Day. Langston University.
44. **Talley, J.L.** 2008. Suggestions for fly control around farm premises (Residual Fly Sprays). 2009 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
45. **Talley, J.L.** 2008. Beef cattle and non-lactating dairy cattle ectoparasite control suggestions. 2009 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
46. **Talley, J.L.** 2008. Dairy cattle ectoparasite control suggestions. 2009 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
47. **Talley, J.L.** 2008. Cattle ear tags. 2009 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
48. **Talley, J.L.** 2008. Horse ectoparasite control suggestions. 2009 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).

49. **Talley, J.** 2007. External Parasites of Goats. Proceedings of the 22nd Annual Goat Field Day. Langston University.
50. **Talley, J.** 2007. External parasite control. In: Beef Cattle Manual. Oklahoma State University, Master Cattleman's Program.
51. **Talley, J.L.** 2007. Cattle ear tags. 2008 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
52. **Talley, J.L.** 2007. Horse ectoparasite control suggestions. 2008 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
53. **Talley, J.L.** 2007. Sheep ectoparasite control suggestions. 2008 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
54. **Talley, J.L.** 2007. Goat ectoparasite control suggestions. 2008 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
55. **Talley, J.L.** 2006. Suggestions for fly control around farm premises (Residual Fly Sprays). 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
56. **Talley, J.L.** 2006. Beef cattle and non-lactating dairy cattle ectoparasite control suggestions. 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
57. **Talley, J.L.** 2006. Dairy cattle ectoparasite control suggestions. 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
58. **Talley, J.L.** 2006. Horse ectoparasite control suggestions. 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
59. **Talley, J.L.** 2006. Sheep ectoparasite control suggestions. 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
60. **Talley, J.L.** 2006. Goat ectoparasite control suggestions. 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
61. **Talley, J.L.** 2006. Swine ectoparasite control suggestions. 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).
62. **Talley, J.L.** 2006. Poultry ectoparasite control suggestions. 2007 OCES Extension Agents' Handbook of Insect, Plant Disease, and Weed Control (E-832).

EXTENSION NEWSLETTERS

1. Kard, B., **J. Talley**, T. Royer, P. Mulder. C. Luper. Current NW Oklahoma Wildfires and the USDA Imported Fire Ant Quarantine. Pest e-Alert. March 14, 2017 (Vol. 16, No. 08).

2. **Talley, J.L.** 2016. Oklahoma Mosquitoes and Zika. Pest e-Alert June 22, 2016 (Vol 15, No. 24).
3. **Talley, J.L.** 2016. Stable Flies Abound around Beef and Horses. Pest e-Alert June 10, 2016 (Vol 15, No. 22).
4. **Talley, J.L.** 2016. Bayer's Tolfenpro® Insecticide Ear Tag Voluntary Recall. Pest e-Alert Apr 15, 2016 (Vol 15, No. 13).
5. **Talley, J.L.** 2016. Gulf Coast Ticks in Cattle. Pest e-Alert Apr 15, 2016 (Vol 15, No. 13).
6. **Talley, J.L.,** and B. Lyons. 2015. What is Enterococcus cecorum? Poultry Practices. November 2015. (Vol. 5 No.2).
7. **Talley, J.L..** 2015. Finally Found: Oak Leaf Itch Mite. Pest e-Alert. Nov. 3, 2015 (Vol 14 No. 44).
8. **Talley, J.L..** 2015. Fall Yard Decorations and Straw Itch Mites. Pest e-Alert. Oct. 23, 2015 (Vol 14 No. 43).
9. **Talley, J.L..** 2015. Horse Flies and Deer Flies (Tabanids) on Cattle. Pest e-Alert. Sept. 2, 2015 (Vol 14 No. 37).
10. **Talley, J.** Cattle producers need to consider implementing fly control methods now. May 2014 Farm Talk Newspaper.
11. S. Walker and **J. Talley.** 2014. Say Hello to a Livestock Entomologist. Jr. Animal Scientist July 2014. (Career Article).
12. Noden, B. and **J. Talley.** 2014. Heartland Virus and Lone Star Ticks. Pest e-Alerts. May 29, 2014 (Vol. 13 No. 18).
13. Royer, T. and **J. Talley.** 2014. Got Grasshoppers? Get After Them NOW: Management Options in Rangeland and Pastures. Pest e-Alerts. May 29, 2014 (Vol. 13 No. 18).
14. Royer T. and **J. Talley.** 2013. Reminder! Early Bird Gets the Grasshopper: Management Options in Rangeland, Pastures and Crops. Pest e-Alert. June 7, 2013 (Vol 12 No. 22).
15. **Talley, J.** 2013. Tick and Mosquito Protection during Disaster Cleanup. OSU Ag. Communications Press Release June 2013.
16. **Talley, J.L.** 2013. Sampling for Culicoides around deer facilities. Farmed White-tail Deer Education Manual Spring Edition.
17. **Talley, J.L.** 2013. Hemorrhagic Diseases and the role Culicoides play in disease transmission. Farmed White-tail Deer Education Manual Spring Edition.
18. **Talley, J.L.** 2013. Fawn Care. Farmed White-tail Deer Education Manual Spring Edition.
19. **Talley, J.L.** 2012. Face flies are back in Oklahoma! Pest e-Alert. March 16, 2012 (Vol 11 No. 12).
20. **Talley, J.L.** 2012. Gulf Coast Ticks and Spinose Ear Ticks in Cattle. Pest e-Alert. March 30, 2012 (Vol 11 No. 14).
21. **Talley, J.L.** 2012. Mosquitoes in Oklahoma and West Nile Virus (WNV). Pest e-Alert. July 18, 2012 (Vol 11 No. 32).
22. **Talley, J.L.** 2012. Mosquito Larvicides Approved for Storm Drain Applications. Oklahoma Department of Health: Health Advisory September 2012.
23. **Talley, J.L.** 2011. Impact of Horn flies on Cattle During Heat Stress. Pest e-Alert. July 28, 2011 (Vol 10 No. 17).

24. **Talley, J.L.** 2011. Ticks are Out in Force and Biting. Pest e-Alert. June 7, 2011 (Vol 10 No. 12).
25. **Talley, J.L.** 2011. Horn flies and Insect Growth Regulators. Pest e-Alert. March 28, 2011 (Vol 10 No. 5).
26. **Talley, J.L.** 2010. Hay feeding and stable flies. Pest e-Alert, March 12, 2010 (Vol. 9, No. 4).
27. **Talley, J.L.** 2010. Hay feeding and stable flies. Veterinary Parasitological Newsletter, March 2010. (Vol. 1. No. 1).
28. Herrin, M. and **J.L. Talley.** 2010. Equine piroplasmosis and ticks. Veterinary Parasitological Newsletter, March 2010. (Vol. 1. No. 1).
29. Sparks, D.. and **J.L. Talley.** 2010. Trichononiasis. Veterinary Parasitological Newsletter, March 2010. (Vol. 1. No. 1).
30. **Talley, J.L.** 2010. Horn fly ear tag update. Veterinary Parasitological Newsletter, July 2010. (Vol. 1. No. 2).
31. **Talley, J.L.** 2010. Visual traps to deter blood feeding flies away from livestock. Veterinary Parasitological Newsletter, July 2010. (Vol. 1. No. 2).
32. **Talley, J.** 2009. The importance of monitoring for culicoides before initiating control measures around deer breeder operations; Whitetails of Oklahoma Quarterly Newsletter.
33. **Talley, J.** 2009. Horse flies and deer flies: Are they something to be concerned about in your cattle operation; Oklahoma Cattlemen's Association Direct Mailing Newsletter.
34. **Talley, J.** 2009. Flies and your neighbors; Horse Short Course Direct Mailing List.
35. **Talley, J.** 2009. Update on current ear tags for horn fly control in cattle; Oklahoma Cattlemen's Association Direct Mailing Newsletter.
36. **Talley, J.** Cow Calf Corner: Lice control for cattle. December 2008
37. **Talley, J.** Plant Disease and Insect Advisory Vol. 7 Issue 21: Protecting yourself from ticks. June 2008
38. **Talley, J.** Plant Disease and Insect Advisory Vol. 7 Issue 16: Horn Fly Ear Tag Comparison June 2008
39. **Talley, J.** Plant Disease and Insect Advisory Vol. 7 Issue 6: Time to Check Cattle for Gulf Coast Ticks. March 2008.
40. **Talley, J.** September 2007. "Trap Information and Sampling of Tabanids and Culicoides in and around deer farms." Whitetails of Oklahoma Quarterly Newsletter.

FACT SHEETS

1. Bradt, D.L., M.D. Bradt, W. Hoback, L. Coburn, **J.L. Talley**, and B.H. Noden. 2107. EPP-7335. Guide to the Twelve Most-Important Oklahoma Mosquitoes of Concern for Pest Control Specialists. Oklahoma Cooperative Extension Service.

2. Royer, T. and J.L. Talley. 2015. Management of Insect Pests in Rangeland and Pasture. Current Report CR-7193.
3. Talley, J.L. 2015. External Parasites of Goats. EPP-7019. Fact Sheet
4. Talley, J.L. 2014. External Parasites of Goats. EPP-7019. Fact Sheet
5. **Talley, J.L.**, D. Jaworski, B. Noden, K. Kocan, and S. Little. 2014. EPP-7001. Common Ticks of Oklahoma and Tick-Borne Diseases. Oklahoma Cooperative Extension Fact Sheet.
6. **Talley, J.** EPP-7018. 2008. Fly Control for Suburban or Small Acreage Horse Owners. Oklahoma Cooperative Extension Fact Sheet.
7. **Talley, J.** and D. Sparks. EPP-7019. 2008. External Parasites of Goats. Oklahoma Cooperative Extension Fact Sheet.

INVITED EXTENSION PRESENTATIONS

1. Talley, J.L. 2017. External Parasite Update for Cattle. Grady Co. Ag. Producer Bi-monthly meeting. December 2017. ~ 10 cattle producers.
2. Talley, J.L. 2017. Update on Livestock Entomology. American Veterinarian Consultants Winter Meeting. Kansas City, MO. December 2017. ~ 150 Veterinarians receiving 1 CEU for External Parasites.
3. Talley, J.L. 2017. External Parasites in Backyard Poultry. 2017 CVPC MEGA Poultry Show. Norman, OK November 2017. ~ 10 backyard poultry producers.
4. Talley, J.L. 2017. Internal Parasites of Goats. OSU Meat Goat Boot Camp. October 2017. ~53 goat producers from 12 different states.
5. Talley, J.L. 2017. The latest on fly and tick control for beef cattle operations. Kansas Livestock Association Ranch Management Field Day. DL Cattle Company, Fredonia, KS August 23, 2017. ~ 183 beef producers.
6. Talley, J.L. 2017. The latest on fly and tick control for beef cattle operations. Kansas Livestock Association Ranch Management Field Day. Mark Diederich Family Farms, Greenleaf, KS August 22, 2017. ~ 210 beef producers.
7. Talley, J.L. 2017. The latest on fly and tick control for beef cattle operations. Kansas Livestock Association Ranch Management Field Day. Black Diamond Angus Ranch, Spearville, KS. August 17, 2017. ~ 104 beef producers.
8. Talley, J.L. 2017. External parasite impact on cattle. Hispanic Youth Juntos Program. July 2017. ~15 Hispanic youth toured cattle facilities and received information on the impact of external parasites.
9. Talley, J.L. 2017. Update and hands-on demonstration of external parasites on cattle. Payne County Pasture Tour. June 2017. ~ 40 cattle producers.
10. Talley, J.L. 2017. Mosquito Control. Zika Workshops. June 2017. In-service for Oklahoma Department of Health workers and medical community. OU Tulsa - Schusterman Center Tulsa, OK.
11. Talley, J.L. 2017. Mosquito Control. Zika Workshops. June 2017. In-service for Oklahoma Department of Health workers and medical community. Comanche County Hospital Lawton, OK.
12. Talley, J.L. 2017. External Parasite Update for Cattle. Producer Coffee Shop Teleconference. May 2017. ~ 24 attendees.

13. Talley, J.L. 2017. Screwworm potential threat to Oklahoma. OSU Animal Science In-service Training. May 2017. ~ 25 County Educators.
14. Talley, J.L. 2017. Internal and External Parasites of Cattle. OSU Cow/calf Boot camp April 17-19th Claremore, OK ~ 50 new cattle producers.
15. Talley, J.L. 2017. External Parasites of Cattle. Seminole Co. Master Cattleman Class. March 2017. ~27 cattle producers.
16. Talley, J.L. 2017. Update on external parasites of cattle. Kansas Livestock Association Membership Meeting North Central Kansas. March 2017. ~ 20 cattle producers.
17. Talley, J.L. 2017. Internal and External Parasites of Cattle. Nowata and Washington Co. Master Cattleman Class. March 2017. ~ 10 cattle producers
18. Talley, J.L. 2017. External Parasites of Cattle. Kansas Cattle Drive. Buhler, KS. February 2017. ~ 80 cattle producers.
19. Talley, J.L. 2017. Livestock Entomology Extension and Research Update. Oklahoma Agricultural Experiment Station Field and Research Service Unit In-service. February 2017. ~ 20 OSU Ag Experiment Station Personnel.
20. Talley, J.L. 2017. Internal and External Parasites of Cattle. Caddo Co. Cattleman's Meeting. February 2017. ~ 20 cattle producers.
21. Talley, J.L. 2017. External Parasites of Cattle. Tulsa Co. Master Cattleman Class. January 2017. ~30 attendees.
22. Talley, J.L. 2017. External Parasites of Cattle. Osage Co. Master Cattleman Class. January 2017. ~10 attendees.
23. Talley, J.L. 2017. Mosquitoes: Public Health Concerns for Zika and West Nile Virus. Turf & Landscape Maintenance Program, January 19, 2017 - Sulphur, OK ~60 attendees.
24. Talley, J.L. 2016. Chapter 37: Internal Parasites of Cattle. Master Cattleman's Alfalfa Co. Cherokee, OK. 12-8-16. ~ 32 attendees with 15% being women, Native American or minority.
25. Talley, J.L. 2016. Chapter 38: External Parasites of Cattle. Master Cattleman's Alfalfa Co. Cherokee, OK. 12-8-16. ~ 32 attendees with 15% being women, Native American or minority.
26. Talley, J.L. 2016. VFD and minor species. Southeast Area Agents In-service Training McAlester, OK 11-30-16. ~ 30 attendees with 10% being women, Native American or minority.
27. Talley, J.L. 2016. Internal and External Parasites of Horses. Horse Short Course. Claremore, OK. 10-27-16. ~ 8 attendees with 50% being women, Native American or minority.
28. Talley, J.L. 2016. Mosquito control and repellents. Oklahoma State University Library Science Café. Stillwater, OK. 10-18-16. ~ 15 attendees with 50% being women, Native American or minority.
29. Hart, S. and J.L. Talley. 2016. Fecal Egg Count Demo. Meat Goat Boot Camp. October 17-19, 2016. Ada, OK. ~ 70 attendees with 20% being women and or minority.
30. Talley, J.L. 2016. External Parasites of Beef Cattle. British White Cattle Association of America annual meeting. 9-30-16. Purcell, OK ~ 60 attendees with 10% being women, Native American or minority.

31. Talley, J.L. 2016. Mosquito control and repellents. Public Information Meeting Dept. of Health. 9-30-16. Ardmore, OK. ~20 attendees with 10% being women, Native American or minority.
32. Talley, J.L. 2016. Internal and External Parasite Control Options for Beef Stockers. Kansas State University Beef Stocker Field Day. 9-22-16. Manhattan, KS. ~ 150 attendees.
33. Talley, J.L. 2016. Fecal Egg Count Demonstration. Parasites Program. 9-9-16. Boise City, OK. ~10 attendees with 30% being women, Native American or minority.
34. Talley, J.L. 2016. Internal and External Parasites of Cattle. Parasites Program. 9-9-16. Boise City, OK. ~10 attendees with 30% being women, Native American or minority.
35. Talley, J.L. 2016. External Parasites of Horses. Parasites Program. 9-9-16. Boise City, OK. ~10 attendees with 30% being women, Native American or minority.
36. Talley, J.L. 2016. Fecal Egg Count Demonstration. Beaver County Fair. 9-9-16. Beaver, OK. ~20 youth attendees with 32% being women, Native American or minority.
37. Talley, J.L. 2016. Fecal Egg Count Demonstration. Parasites Program. 9-8-16. Goodwell, OK. ~44 attendees with 9% being women, Native American or minority.
38. Talley, J.L. 2016. External Parasites of Horses. Parasites Program. 9-8-16. Goodwell, OK. ~44 attendees with 9% being women, Native American or minority.
39. Talley, J.L. 2016. Fly control options for beef cattle operations. Suther Feeds Inc. Annual Training. 8-9-16. Tipton, KS. ~ 25 attendees with 8% being women, Native American or minority.
40. Talley, J.L. 2016. Chapter 38: External Parasites of Cattle. Master Cattleman's LeFlore Co. Poteau, OK. 7-12-16. ~ 22 attendees with 18% being women, Native American or minority.
41. Talley, J.L. 2016. Insect Vected Diseases. Advanced Cow/calf Boot camp. June 6-8, 2016. Stillwater, OK ~ 32 attendees with 34% being women, Native American or minority.
42. Talley, J.L. 2016. Anaplasmosis, VFD, and Horn fly control options for beef operators. Pottawatomie County Cattleman's Meeting. 5-24-16. Tecumseh, OK. ~ 60 attendees with 25% being women, Native American or minority.
43. Talley, J.L. 2016. Internal and External Parasites of Cattle. Grady County Cattleman's. May 3, 2016. Chickasha, OK. ~ 8 attendees.
44. Talley, J.L. 2016. Fly control and anaplasmosis. Livestock Producers Meeting. McPherson, KS. April 21, 2016. ~ 20 attendees.
45. Talley, J.L. 2016. Comparison of different insecticidal application techniques for horn fly control in cow/calf operations. 102nd Roundup at the K-State Agricultural Research Center in Hays, KS. April 21, 2016. ~ 80 attendees.
46. Talley, J.L. 2016. External Parasite Control Options for Cattle. K-State Research and Extension – Post Rock District #1 meeting. April 20, 2016. Jewell, KS. ~ 18 attendees.

47. Talley, J.L. 2016. Internal and External Parasite Control. Cow/calf Boot camp. April 20-22, 2016. Claremore, OK ~ 46 attendees with 20% being women, Native American or minority.
48. Talley, J.L. 2016. Fly control options for cow/calf operators. Spring Turn-out Meeting. April 1, 2016. Bentonville, AR. ~50 attendees.
49. Talley, J.L. 2016. Chapter 37: Internal Parasites of Cattle. Master Cattleman's Lincoln Co. Chandler, OK. 3-24-16. ~ 12 attendees with 16% being women, Native American or minority.
50. Talley, J.L. 2016. Chapter 38: External Parasites of Cattle. Master Cattleman's Lincoln Co. Chandler, OK. 3-24-16. ~ 12 attendees with 16% being women, Native American or minority.
51. Talley, J.L. 2016. Fecal Egg Count Reduction Test Demonstration. Bi-annual Oklahoma Cooperative Extension Conference. Stillwater, OK. January 26, 2016. ~ 30 attendees.
52. Talley, J.L. 2015. External parasite update for beef operators. Southeast Area Agents Training Robbers Cave, OK 12-2-15. ~ 30 attendees with 10% being women.
53. Talley, J.L. 2015. External parasite control options for cow/calf operators. Center for Veterinary Health Sciences Fall Conference for Veterinarians and Veterinary Technicians; Stillwater, OK 11-20-15. ~ 50 attendees with 20% being women.
54. Hart, S. and J.L. Talley. 2015. Fecal Egg Count Demo. Meat Goat Boot Camp. October 19-21, 2015. Ada, OK. ~ 70 attendees with 20% being women and or minority.
55. Talley, J.L. 2015. Fly and tick control options for cow/calf operators. Payne County Pasture Tour; 6-9-15. ~ 65 attendees with 35% being women and or minority.
56. Talley, J.L. 2015. Fly and tick control options for cow/calf operators. Johnston County Cattleman's Meeting; Tishomingo, OK 5-28-15. ~ 30 attendees with 10% being women and or minority.
57. Talley, J.L. 2015. Fly and tick control options for cow/calf operators. Lincoln County Cattleman's Meeting; Chandler, OK 5-18-15. ~ 10 attendees with 20% being women and or minority.
58. Talley, J.L. 2015. Internal and external parasite control options for cow/calf operators. Haskell Field Day; Haskell, OK 5-8-15. ~ 50 attendees with 20% being women and or minority.
59. Talley, J.L. 2015. Internal and External Parasite Control. OSU Cow/calf Boot Camp. April 20-22, 2015 Claremore, OK. ~ 60 attendees with 25% being women and or minority.
60. Talley, J.L. 2015. Fly and tick control options for cow/calf operators. Northwest Kansas Cattleman's Meeting; Stockton, KS 4-9-15. ~ 60 attendees with 20% being women and or minority.
61. Talley, J.L. 2015. Fly and tick control options for cow/calf operators. Walnut Creek District Kansas State Cooperative Extension Timely Topics; Rush Center, KS 4-9-15. ~ 15 attendees with 10% being women and or minority.

62. Talley, J.L. 2015. Livestock Parasite Resistance. Entomology and Plant Pathology In-Service Training for Eastern Oklahoma. McAlester, OK 4-8-15.
63. ~ 30 attendees with 10% being women and or minority.
64. Talley, J.L. 2015. Livestock Parasite Resistance. Entomology and Plant Pathology In-Service Training for Western Oklahoma. Clinton, OK 4-6-15. ~ 20 attendees
65. Talley, J.L. 2015. Parasitology for cattlemen. Pawnee County Cattleman's Meeting; Pawnee, OK 3-28-15. ~ 40 attendees with 15% being women and or minority.
66. Talley, J.L. 2015. Parasitology for cattlemen. Central Oklahoma Cattle Conference; Stillwater, OK 1-30-15. ~ 60 attendees with 20% being women and or minority.
67. Talley, J.L. 2015. External parasite control options for cow/calf operators. Tulsa Master Cattleman's 1-5-15. ~ 25 attendees with 10% being women and or minority.
68. Talley, J.L. 2014. External parasite control for the cow herd. Cattle Trails Cow-Calf Conference Wichita Falls, TX 1/14/14.
69. Talley, J.L. 2014. External parasite management update for cattle. Osage Co. Cattleman's Association. 2/27/14.
70. Talley, J.L. 2014. External Parasites Control in Cattle. Chapter 30 Master Cattleman Program. Bartlesville, OK. 3/11/14.
71. Talley, J.L. 2014. Darkling Beetle Control in Poultry Houses. Poteau, OK. Eastern Oklahoma AgExpo April 8, 2014.
72. Talley, J.L. 2014. External Parasites Control in Cattle. Chapter 30 Master Cattleman Program. Tulsa, OK. 4/21/14.
73. Talley, J.L. 2014. Fly control options for Cow/calf operators. Northeast District Ag In-service April 15-16, 2014. Keystone Lake State Park Sand Springs, OK.
74. Talley, J.L. 2014. External parasite control options for cow/calf operators. Shawnee, OK. Cow/calf Boot camp. April 22-24, 2014.
75. Talley, J.L. 2014. Internal parasite control options for cow/calf operators. Shawnee, OK. Cow/calf Boot camp. April 22-24, 2014.
76. Talley, J.L. 2014. Fly control in cattle. Cherokee Co. Cattlemen's group in Tahlequah, OK 6/23/14.
77. Talley, J.L., T. Royer, and A. Zarrabi. 2014. Grasshopper Control for Pastures. 62nd Oklahoma Cattlemen's Association. July 24-26, 2014.
78. Talley, J.L. 2014. Parasite Life Cycles. Meat Goat Bootcamp. Ada, OK. 10/20/14.
79. Talley, J.L. 2014. Tick Biology and Control. Tulsa Pest Management Workshop. Tulsa, OK. 11/11/14.
80. Talley, J. 2014. Livestock Pests. Colorado Ag Aviation Association, Loveland, CO. November 20, 2014.
81. Talley, J.L. 2014. Parasitology 101: It's all about timing. Anadarko, OK. Caddo Co Cattleman's Association. November 24, 2014.
82. **Talley, J.L.** 2014. Update on current fly control practices for cow/calf operators. Adair Co. Cattleman's Association Meeting. May 19, 2014.

83. **Talley, J.L.** 2014. External Parasites of Cattle. Master Cattleman's Meeting. Tulsa Co. April 21, 2014.
84. **Talley, J.L.** 2014. Internal and External Parasite Control. Cow/calf Bootcamp. Shawnee, OK. April 21-23, 2014. (Two-1 hr talks)
85. **Talley, J.L.** 2014. Update on current fly control practices for cow/calf operators. Northeast District In-service. April 16, 2014.
86. **Talley, J. L.** 2014. Darkling Beetle Management in Broiler Houses. Leflore Co. Ag. Trade Show. April 8, 2014.
87. **Talley, J.L.** 2014. External Parasites of Cattle. Master Cattleman's Meeting. Osage, Washington & Nowata Counties. March 20, 2014.
88. **Talley, J.L.** 2014. Fly control for cow/calf operators. Osage Co. Cattlemen's Meeting. Pawhuska, OK. March 6, 2014
89. **Talley, J.L.** 2013. Fly control in cattle. EPP In-service Training. Ada, OK. March 27, 2013.
90. **Talley, J.L.** 2013. Fly control in cattle. EPP In-service Training. Enid, OK. March 28, 2013.
91. **Talley, J.L.** 2013. External parasite recommendations for cattle. Tecumseh, OK. Pottawatomie Cattleman's Meeting April 25, 2013.
92. **Talley, J.L.** 2013. External parasite recommendations for cattle. Ada, OK. Master Cattleman's Course.
93. **Talley, J.L.** 2013. External parasite control options for cow/calf operators. Tishomingo, OK. Cow/calf Boot camp. April 22-24, 2013.
94. **Talley, J.L.** 2013. Internal parasite control options for cow/calf operators. Tishomingo, OK. Cow/calf Boot camp. April 22-24, 2013.
95. **Talley, J.L.** 2013. Insect Vectored Diseases in Cattle. Muskogee, OK. Advanced Cow/calf Boot camp. June 3-5, 2013.
96. **Talley, J.L.** 2013. Fawn care. Stillwater, OK. Spring Farmed Whitetail Deer Program. Stillwater, OK. May 9-11, 2013.
97. **Talley, J.L.** 2013. Culicoides and EHD. Stillwater, OK. Spring Farmed Whitetail Deer Program. Stillwater, OK. May 9-11, 2013.
98. **Talley, J.L.** 2012. External parasite recommendations for cattle. Cherokee, OK. Master Cattleman's Course.
99. **Talley, J.L.** 2012. External parasite control options for cow/calf operators. Kellyville, OK. Cow/calf Boot camp. November 12-14, 2012.
100. **Talley, J.L.** 2012. Internal parasite control options for cow/calf operators. Kellyville, OK. Cow/calf Boot camp. November 12-14, 2012.
101. **Talley, J.L.** 2012. External parasite control options for cow/calf operators. Kellyville, OK. Cow/calf Boot camp. April 23-25, 2012.
102. **Talley, J.L.** 2012. Internal parasite control options for cow/calf operators. Kellyville, OK. Cow/calf Boot camp. April 23-25, 2012.
103. **Talley, J.L.** 2012. Fawn care. Stillwater, OK. Spring Farmed Whitetail Deer Program.
104. **Talley, J.L.** 2012. Culicoides and EHD. Stillwater, OK. Spring Farmed Whitetail Deer Program.
105. **Talley, J.L.** 2012. Fawn care. Stillwater, OK. Fall Farmed Whitetail Deer Program.

106. **Talley, J.L.** 2012. Culicoides and EHD. Stillwater, OK. Fall Farmed Whitetail Deer Program.
107. **Talley, J.L.** 2012. Mosquitoes of Oklahoma and West Nile Virus. Ardmore, OK. September 2012.
108. **Talley, J.L.** 2011. External parasite recommendations for cattle. Wewoka, OK. Master Cattleman's Course.
109. **Talley, J.L.** 2011. External parasite recommendations for cattle. Drumright, OK. Master Cattleman's Course.
110. **Talley, J.L.** 2011. External parasite recommendations for cattle. Bartlesville, OK. Master Cattleman's Course.
111. **Talley, J.L.** 2011. External parasite recommendations for cattle. Enid, OK. Master Cattleman's Course.
112. **Talley, J.L.** 2011. Fly control for cow/calf operators: Does it pay? McAlester, OK. Southeast Oklahoma Beef Cattle Summit.
113. **Talley, J.L.** 2011. Fly control for cow/calf operators: Does it pay? Poteau, OK. LeFlore Co. Cattleman's Association Annual Meeting.
114. **Talley, J.L.** 2011. External parasite control options for cow/calf operators. Ada, OK. Cow/calf Boot camp.
115. **Talley, J.L.** 2011. Internal parasite control options for cow/calf operators. Ada, OK. Cow/calf Boot camp.
116. **Talley, J.L.** 2011. Fly control for suburban horse owners. Tulsa, OK. Tulsa Spring Horse Short Course.
117. **Talley, J.L.** 2011. External parasite control options for beef stocker operators. Pawhuska, OK. Osage Co. Beef Stocker Meeting.
118. **Talley, J.L.** 2011. Integrated fly control in and around home dwellings. Sulphur, OK. Sulphur Community Forum on Flies.
119. **Talley, J.L.** 2011. Integrated fly control for poultry operators. Nebo, OK. Mahard Egg Farms.
120. **Talley, J.L.** 2011. Fly control options for cattle brokers. Hugo, OK. Cattle Brokers' Site Visit Demonstration
121. **Talley, J.L.** 2011. Fawn care. Stillwater, OK. Spring Farmed Whitetail Deer Program.
122. **Talley, J.L.** 2011. Culicoides and EHD. Stillwater, OK. Spring Farmed Whitetail Deer Program.
123. **Talley, J.L.** 2011. Fawn care. Stillwater, OK. Fall Farmed Whitetail Deer Program.
124. **Talley, J.L.** 2011. Culicoides and EHD. Stillwater, OK. Fall Farmed Whitetail Deer Program.
125. **Talley, J.L.** 2011. Integrated fly control for cow/calf operators. Boise City, OK. 5-State Beef Conference.
126. **Talley, J.L.** 2011. Integrated fly control for cow/calf operators. Wiley, CO. 5-State Beef Conference.
127. **Talley, J.L.** 2011. Integrated fly control for cow/calf operators. Canadien, TX. 5-State Beef Conference.
128. **Talley, J.L.** 2010. External parasite recommendations for cattle. Oklahoma City, OK. Quarterly Oklahoma Cattleman's Association Meeting.

129. **Talley, J.L.** 2010. External parasites of cattle. Poteau, OK. Master Cattleman's Course
130. **Talley, J.L.** 2010. Fly control for suburban horse owners. Oklahoma City, OK. Oklahoma City Spring Horse Short Course.
131. **Talley, J.L.** 2010. Fly control for suburban horse owners. Tulsa, OK. Tulsa Spring Horse Short Course.
132. **Talley, J.L.** 2010. External parasites of cattle. Duncan, OK. Master Cattleman's Course
133. **Talley, J.L.** 2010. Litter beetle control options. Poteau, OK. Poultry Waste Management Course
134. **Talley, J.L.** 2010. External parasites of goats. Bartlesville, OK. Local Goat Workshop.
135. **Talley, J.L.** 2010. Horn fly ear tag update. McAlester, OK. OCES In-service Training
136. **Talley, J.L.** 2010. Vesicular stomatitis virus and grasshoppers on beef cattle rangelands. McAlester, OK. OCES In-service Training.
137. **Talley, J.L.** 2010. Ticks and Equine Piroplasmiasis. McAlester, OK. OCES In-service Training.
138. **Talley, J.L.** 2010. Horn fly ear tag update. Clinton, OK. OCES In-service Training.
139. **Talley, J.L.** 2010. Vesicular stomatitis virus and grasshoppers on beef cattle rangelands. Clinton, OK. OCES In-service Training.
140. **Talley, J.L.** 2010. Ticks and Equine Piroplasmiasis. Clinton, OK. OCES In-service Training.
141. **Talley, J.L.** 2010. Culicoides and the role they play in transmitting bluetongue/EHD. Oklahoma City, OK. North American Deer Farmers Association.
142. **Talley, J.L.** 2010. Update on current pest management practices to control Culicoides near penned whitetail breeding facilities. Skiatook, OK. Quarterly Summer Meeting Whitetails of Oklahoma.
143. **Talley, J.L.** 2010. Fawn care. Stillwater, OK. Farmed Whitetail Deer Program.
144. **Talley, J.L.** 2010. Culicoides and EHD. Stillwater, OK. Farmed Whitetail Deer Program.
145. **Talley, J.L.** 2010. Fawn care. Tulsa, OK. Farmed Whitetail Deer Program.
146. **Talley, J.L.** 2010. Culicoides and EHD. Tulsa, OK. Farmed Whitetail Deer Program.
147. **Talley, J.L.** 2010. Update on culicoides research on farmed whitetail deer operations. Annual Whitetails of Oklahoma Convention.
148. **Talley, J.L.** 2010. Fly control for suburban horse owners. Oklahoma City, OK. Oklahoma City Fall Horse Short Course.
149. **Talley, J.L.** 2010. Fly control for suburban horse owners. Tulsa, OK. Tulsa Fall Horse Short Course.
150. **Talley, J.L.** 2010. Multispecies grazing and external parasite considerations. Tulsa, OK. Tulsa Farm Show.

151. **Talley, J.** 2009. External Parasites of Cattle; Tulsa Farm Show ~40 attendees.
152. **Talley, J.** 2009. Alternative Culicoides Management Techniques; Quarterly Meeting of Whitetails of Oklahoma ~50 attendees.
153. **Talley, J.** 2009. Litter Beetle and Fly Control Techniques for Chicken Broilers; OSU Poultry Waste Management Workshops ~ 60 attendees.
154. **Talley, J.** 2009. External Parasites of Cattle; Master Cattlemen's Program ~15 attendees.
155. **Talley, J.** 2009. Fly control for suburban horse owners; Tulsa Horse Short Course - ~20 attendees which were mostly women.
156. **Talley, J.** 2009. Litter beetle control tactics in broiler operations; Poultry Waste Management Training - ~15 attendees.
157. **Talley, J.** 2009. Litter beetle control in broiler operations; The Poultry Symposium University of Arkansas - ~150 attendees (invited speaker).
158. **Talley, J.** 2009. External parasites of goats; Langston Goat Field Day - ~30 attendees which included a majority of female and ethnic minorities.
159. **Talley, J.** 2009. Horn fly control in cow/calf herds; Beef Field Tours - ~60 attendees over the course of 4 meetings.
160. **Talley, J.** 2009. Alternative control tactics for culicoides affecting deer herds; North American Deer Farmers Association Annual Convention - ~50 attendees from all over the nation.
161. **Talley, J.** 2009. Update on horn fly control products in cattle operations; Oklahoma Cattlemen's Association - ~15 attendees.
162. **Talley, J.** 2009. Update on external parasites collected from multiple species co-grazing pastures; Multi-species field day - ~10 attendees.
163. **Talley, J.** 2009. Fly control for suburban horse owners; Oklahoma City Horse Short Course - ~20 attendees with ~75% of attendees being women.
164. **Talley, J.** 2009. Preparing for lice and making the most of a late fall application of insecticides; Northeast Oklahoma Cattle Conference - ~15 attendees.
165. **Talley, J.** 2008. "Field day for Oklahoma dairymen on utilizing bio-based fly control techniques." (presentation) 30 attendees
166. **Talley, J.** 2008. "Dairy fly pest management." (presentation) Total of 3 meetings with an average attendance of 25 attendees
167. **Talley, J.** 2008. "Field day on external parasites of goat and beef for a multi-species grazing project." (presentation) 50 attendees.
168. **Talley, J.** 2008. "Fly control for suburban / small acreage horse owners." Tulsa Short Horse Course (presentation) 25 attendees
169. **Talley, J.** 2008. "Fly control for suburban / small acreage horse owners." Oklahoma City Short Horse Course (presentation) 20 attendees
170. **Talley, J.** 2008. "External parasites of cattle." Oklahoma State University: Master Cattlemen's Program. (presentation) Total of 4 meetings with average attendance of 12 attendees.
171. **Talley, J.** 2008. "Bluetongue: What is the midge's role in transmission?" White-tails of Oklahoma Regional Meetings. (presentation) Total of 2 meetings with average attendance of 30 attendees.
172. **Talley, J.** 2007. "Culicoides and Bluetongue" Whitetails of Oklahoma Quarterly Meeting. (presentation) ~ 40 attendees

173. **Talley, J.** 2007. “External Parasites of Beef” Pittsburg Co. Master Cattleman Program. (presentation) ~ 15 attendees
174. **Talley, J.** 2007. “Darkling Beetle and Fly Control” Leflore Co. Poultry Waste Management Certification Program. (presentation) ~ 30 attendees
175. **Talley, J.** 2007. “Darkling Beetle and Fly Control” Delaware Co. Poultry Waste Management Certification Program. (presentation) ~ 50 attendees
176. **Talley, J.** 2007. “Darkling Beetle and Fly Control” McCurtain Co. Poultry Waste Management Certification Program. (presentation) ~ 60 attendees
177. **Talley, J.** 2007. “External Parasites of Beef” Pontotoc Co. Master Cattleman Program. (presentation) ~ 8 attendees
178. **Talley, J.** 2007. “External Parasites of Goats”. Langston University Visiting Alabama Goat Producers. (presentation) ~ 10 attendees
179. **Talley, J.** 2007. “Economic Fly and Lice Control for Beef Cattle” Cimmaron Co. USDA Soil Conservation Meeting for Beef Producers Affected by the 2006-2007 Blizzard. (presentation) ~40 attendees
180. **Talley, J.** 2007. “Fly Control for Beef Cattle” Jefferson Co. Beef Producers Meeting (presentation). ~ 30 attended
181. **Talley, J.** 2007. “Current house-hold flea and tick control for pets” In-service training for Oklahoma county educators. (presentation) ~ 20 attendees
182. **Talley, J.** 2007. “What works in the sticks for flies and ticks” Annual Oklahoma Cattleman’s Convention.(presentation) ~ 300 attendees
183. **Talley, J.** 2007. External Parasites of Goats. Proceedings of the 22nd Annual Goat Field Day. Langston University. (presentation) ~80 attendees
184. **Talley, J.** 2007. “Integrated Pest Management Results from the Multi-species grazing project” Presented at the Annual Meat Goat Conference. Ada, OK. (presentation) ~80 attendees
185. **Talley, J.** 2007. Fly control for small acreage horse owners. Tulsa Horse Course (presentation) ~ 20 attendees
186. **Talley, J.** 2005. Stable fly populations in pastured cattle. Kansas Pesticide Applicators Workshop at Emporia, Kansas. (presentation)
187. **Talley, J., A. Broce, L. Zurek, J. DeRouchey, and Twig Marston.** 2005. Effect of different feeding methods of large hay bales on stable fly populations in pastured cattle. Hays’ Field Day. (presentation)
188. **Talley, J., A. Broce, L. Zurek, J. DeRouchey, and Twig Marston.** 2005. Effect of different feeding methods of large hay bales on stable fly populations in pastured cattle. KSU Cattleman’s Day. (poster)
189. **Talley, J., A. Broce, L. Zurek, and J. DeRouchey.** 2004. Winter feeding sites of round bales as sources of stable flies in pastures. KSU Cattleman’s Day. (poster)
190. **Talley, J.** 2005. Cattle feeding sites of round hay bales as sources of stable flies (Diptera: Muscidae) in pastures. Presented as research proposal seminar to the Dept. of Entomology at Kansas State University, Manhattan, Kansas. (presentation)

INTERNATIONAL EXPERIENCES

1. Talley, J. 2017. Update on horn fly control for beef producers. Bayer Symposium for Mexican Beef Producers. Villahermosa, Mexico. ~200 beef producers.
2. Talley, J. 2016. Veterinary entomology research and extension in Oklahoma. University of Manitoba, Dept. of Entomology invited seminar speaker.
3. **Talley, J.** 2013. Experiences in veterinary entomology for both research and extension in Oklahoma. Invited symposium: Alcanzando nuevas fronteras; entomologia y patologia de plantas en dos mundos, con una duracion de ocho horas. ESPE University Quito, Ecuador. May 22, 2013.

SERVICE

University and Departmental Service

1. Reappointment, Promotion, and Tenure Committee, Entomology and Plant Pathology (2017 – present)
2. Graduate Coordinator OSU Entomology and Plant Pathology (2016 – present)
3. Chair, Bioforensics undergraduate option (2012 – 2013)
4. Search and Screen Committee for hiring an Assistant Professor of Medical Entomology (2012-2013)
5. Graduate Student Selection Committee (2013 – present)
6. Search and Screen Committee for Entomology Teaching Faculty Position for Entomology and Plant Pathology Dept. (2013-2014)
7. Tick Oversight Committee, (2008 – present)
8. Search and Screen Committee for hiring an Assistant Professor of Medical Entomology 2007-2008
9. Internal review of scientific and extension manuscripts –Research (12)
10. Ag Faculty Council Representative (Entomology) 2010-2012
11. Farmed Whitetail Deer Program Committee 2009- 2013
12. Search and Screen Committee for Associate Dean for Academic Programs for the College of Agricultural Sciences and Natural Resources (present)

Professional Society Service

1. President, SW Branch ESA (2017 – present)
2. Vice President, SW Branch ESA (2016 –2017)
3. Secretary/Treasurer, SW Branch ESA (2015 – 2016)
4. Secretary/Treasurer Elect, SW Branch ESA (2014-2015)
5. Editor in Chief, Arthropod Management Tests (2012 – 2013)
6. Subject Editor, Arthropod Management Tests (2009 – present)
7. Membership Committee (Chair), SW Branch, (2010 – present)

8. Program Committee Co-Chair, 2011 SW Branch ESA Annual Meeting (2010-2011)
9. Poster Judge 57th Annual Southwestern Entomological Society of America
10. Oral Presentation Judge 59th Annual Southwestern Entomological Society of America
11. Judge for American Farmers and Ranchers youth speech contest Spring 2011
12. Awards Committee, SW Branch, (2008 – present)
13. Chair, Multi-state working group S-1030: Flies impacting livestock, poultry, and food safety. (2010)
14. Chair, Central States (Kansas) Entomological Society (2009-2010)

PROFESSIONAL DEVELOPMENT

Workshops Attended

1. Cattleman's Leadership Academy (4)
2. ITLE: Online Classroom Training (3)