
Curriculum Vitae Kaushalya G. Amarasekare

Office Address:

Tennessee State University
College of Agriculture,
Department of Agricultural and Environmental Sciences
204 C Farrell Westbrook Ag Complex,
3500 John A. Merritt Blvd,
Nashville TN 37209, USA

Fruit, Vegetable and Field Crop Entomology Lab: 136 Farrell Westbrook Ag Complex

Phone: +1 (615) 963 5001 (Office), +1 (615) 963 6154 (Entomology Lab)

Email: kamarase@tnstate.edu

EDUCATION:

Ph.D. (Entomology) University of Florida, Gainesville, FL

Dissertation: Effects of temperature and host plant species on the life history of papaya mealybug (*Paracoccus marginatus*) and the effectiveness of three introduced parasitoids (*Acerophagus papayae*, *Anagyrus loecki*, and *Pseudleptomastix mexicana*). Major Advisor: Dr. Catharine Mannion, Co-Chair: Dr. Lance Osborne

M.S. (Entomology) Oklahoma State University, Stillwater, OK

Thesis: Toxicity of insecticides for managing differential grasshopper in leafy green vegetable crops. Major Advisor: Dr. Jonathan Edelson.

B.S. (Honors) (Agriculture) University of Peradeniya, Peradeniya, Sri Lanka

BS Honors Thesis: Effect of microbial quality of raw milk and use of hydrogen peroxide as a preservative on the solubility of full cream milk powder. Major Advisor: Dr. Saliya Silva

PROFESSIONAL EXPERIENCE:

Associate Professor, Tennessee State University	Aug 2021 -to date
Assistant Professor, Tennessee State University	Nov 2015 -July 2021
Graduate Faculty, Tennessee State University	spring 2016 – spring 2024
Postdoctoral Researcher – Affiliate Faculty, Oregon State University	2015 – Sept 2015
Postdoctoral Researcher, Oregon State University	2009 – 2014
Research Associate, University of Florida	2008 – 2009
Graduate Research Assistant, University of Florida	2003 – 2007
Graduate Research Assistant, Oklahoma State University	2000 – 2002

HONORS AND AWARDS:

Member-at-large, Entomological Society of America-Southeastern Branch (ESA-SEB)	2022-2025
Past President, Tennessee Entomological Society	2021-2022
President, Tennessee Entomological Society	2020-2021
Board of Directors, Tennessee Entomological Society	2020-2022
Outstanding Young Researcher Award, College of Agriculture, Tennessee State University,	2019
Entomological Society of America - Student and Young Professional Participation Award	2011
Entomological Society of America - Student and Young Professional Participation Award	2010
Entomological Society of America - Student and Young Professional Participation Award	2009
L. Russell Norton Memorial Fellowship–Miami-Dade County Agri-Council, Inc.	2007
Entomological Society of America - Student and Young Professional Participation Award	2007
IFAS (Institute of Food and Agricultural Sciences) Travel Grant - University of Florida	2007
Graduate Student Council Travel Grant - University of Florida	2007
Gamma Sigma Delta National College Honor Scholarship Society	2007
Graduate Student Travel Grant- University of Florida	2006
Graduate Student Travel Grant- University of Florida	2007
Florida Entomological Society Mini Research Grant	2006
Florida Entomological Society Mini Research Grant	2007
Florida Entomological Society Travel Grant	2006
Florida Entomological Society Travel Grant	2007
William H. Krome Memorial Fellowship–Miami-Dade County Agri-Council, Inc.	2004
Alpha Zeta National College Honor Scholarship Society	2004
Phi Kappa Phi National College Honor Scholarship Society	2002

PUBLICATIONS (PEER-REVIEWED): * Denotes graduate student

1. **Amarasekare, K. G.**, and P. W. Shearer. 2020. Residual Effects of Insecticide on *Deraeocoris brevis* (Hemiptera: Miridae). *Journal of Economic Entomology*. 113: 1-6. doi: 10.1093/jee/toz324
2. **Amarasekare, K. G.**, P.H. Brown and P. W. Shearer. 2019. Field-aged insecticide residues on *Chrysoperla johnsoni* (Neuroptera: Chrysopidae). *Journal of Economic Entomology*. 112: 2109-2115. doi: 10.1093/jee/toz149.
3. **Amarasekare, K. G.** and P. W. Shearer. 2017. Stability of *Cacopsylla pyricola* (Hemiptera: Psyllidae) populations in Pacific Northwest pear orchards managed with long-term mating disruption for

- Cydia pomonella* (Lepidoptera: Tortricidae). *Insects* 8 (4), 105; doi:10.3390/insects8040105 (Special Issue).
4. Choi, M-Y., Tang, S. B., Ahn, S-J, **Amarasekare, K. G.**, Shearer, P. and Lee, J. C. 2017. Effect of non-nutritive sugars to decrease the survivorship of spotted wing drosophila, *Drosophila suzukii*. *J. of Insect Physiology*. 99:86-94.
 5. **Amarasekare, K. G.**, P. W. Shearer and N. J. Mills. 2016. Testing the selectivity of pesticide effects on natural enemies in laboratory bioassays. *Biological Control*. 102: 7-16. (Special Issue).
 6. Beers, E. H., Mills, N. J., Shearer, P. W., Horton, D.R., Milickzy, E., **Amarasekare, K. G.** and Gontijo, L.M. 2016. Nontarget effects of orchard pesticides on natural enemies: lessons from the field and laboratory. *Biological Control*. 102: 44-52. (Special Issue).
 7. Shearer, P. W., **Amarasekare, K. G.**, Mills, N. J., Castagnoli S., Beers, E. H., Jones, V. P. and Mills, N. J. 2016. Large-plot field studies to assess impacts of newer insecticides on non-target arthropods in Western U.S. orchards. *Biological Control*. 102: 26-34. (Special Issue).
 8. Mills, N. J., Beers, E. H., Shearer, P. W., Unruh, T., and **Amarasekare, K. G.** 2016. Comparative analysis of pesticide effects on natural enemies in western orchards: a synthesis of laboratory bioassay data. *Biological Control*. 102: 17-25. (Special Issue).
 9. Jones, V., Horton, D.R., Mills, N. J., Unruh, T., Baker, C., Melton, T., Milickzy, E., Steffan, S., Shearer, P. W., and **Amarasekare, K. G.** 2016. Evaluating plant volatiles for monitoring natural enemies in apple, pear and walnut orchards. *Biological Control*. 102: 53-65. (Special Issue).
 10. Jones, V., Horton, D.R., Mills, N. J., Unruh, T., Milickzy, E., Shearer, P. W., **Amarasekare, K. G.**, Baker, C., and Melton, T. 2016. Using plant volatile traps to develop phenology models for natural enemies: An example using *Chrysopa nigricornis* (Burmeister) Neuroptera: Chrysopidae). *Biological Control*. 102: 77-84. (Special Issue).
 11. Mills, N. J., Jones, V., Baker, C., Melton, T., Steffan, S., Unruh, T., Horton, D.R., Shearer, P. W., **Amarasekare, K. G.**, and Milickzy, E. 2016. Using plant volatiles traps to estimate the diversity of natural enemy communities in orchard ecosystems. *Biological Control*. 102: 66-76. (Special Issue).
 12. Jones, V., Mills, N. J., Brunner, J.F., Horton, D.R., Beers, E. H., Unruh, T., Shearer, P. W., Goldberger, J., Gallardo, K., Castagnoli, S., Lehrer, N., Steffan, S., **Amarasekare, K. G.**, Chambers, U., and Gadino, A.N. 2016. From planning to execution to the future: an overview of a concerted effort to enhance biological control in apple, pear and walnut orchards in the western U.S. *Biological Control*. 102: 1-6. (Special Issue).
 13. **Amarasekare, K. G.** and P. W. Shearer. 2013^c. Life history comparison of two green lacewings species, *Chrysoperla johnsoni* and *Chrysoperla carnea* (Neuroptera: Chrysopidae). *Environmental Entomology*. 42:1079-1084.
 14. **Amarasekare, K. G.** and P. W. Shearer. 2013^b. Comparing Effects of insecticides on two green lacewings species, *Chrysoperla johnsoni* and *Chrysoperla carnea* (Neuroptera: Chrysopidae). *Journal of Economic Entomology*. 106: 1126-1133.
 15. **Amarasekare, K. G.** and P. W. Shearer. 2013^a. Laboratory bioassays to estimate the lethal and sublethal effects of various insecticides and fungicides on *Deraeocoris brevis* (Hemiptera: Miridae). *Journal of Economic Entomology*. 106: 776-785.
 16. **Amarasekare, K. G.**, C. M. Mannion and N. D. Epsky. 2012. Developmental time, longevity and lifetime fertility of three introduced parasitoids of the mealybug *Paracoccus marginatus* (Hemiptera: Pseudococcidae). *Environmental Entomology* 41: 1184-1189.

17. **Amarasekare, K. G.** and Mannion C. M. 2011. Life history of a new-to-science exotic soft scale insect *Phalacrocooccus howertoni* (Hemiptera: Coccidae) found in Florida. Florida Entomologist. 94(3): 588-593.
18. **Amarasekare, K. G.**, C. M. Mannion, and N. D. Epsky. 2010. Host instar susceptibility and selection and interspecific competition of three introduced parasitoids of the mealybug *Paracoccus marginatus* (Hemiptera: Pseudococcidae). Environmental Entomology. 39(5): 1506-1512.
19. **Amarasekare, K. G.**, C. M. Mannion and N. D. Epsky. 2009. Efficiency and establishment of the three introduced parasitoids of the mealybug, *Paracoccus marginatus* (Hemiptera: Pseudococcidae). Biological Control. 51, 91-95.
20. **Amarasekare, K. G.**, J.C. Chong, N. D. Epsky, and C. M. Mannion. 2008^b. Effect of temperature on the life history of the mealybug, *Paracoccus marginatus* (Hemiptera: Pseudococcidae) Journal of Economic Entomology. 101(6):1798-1804.
21. **Amarasekare, K. G.**, C. M. Mannion, L. S. Osborne and N. D. Epsky. 2008^a. Life history of *Paracoccus marginatus* (Hemiptera: Pseudococcidae) on four host plant species under laboratory conditions. Environmental Entomology. 37(3): 630-635.
22. **Amarasekare, K. G.** and J. V. Edelson. 2004. Effect of temperature on efficacy of insecticides to differential grasshopper (Orthoptera: Acrididae). Journal of Economic Entomology. 97(5): 1595-1602.

MANUSCRIPTS IN PREPARATION FOR PEER-REVIEWED JOURNALS:

1. **Amarasekare, K. G.** and P. W. Shearer 2022. Field and laboratory management techniques to control *Drosophila suzukii* (Diptera: Drosophilidae). (Environmental Entomology).

PUBLICATIONS (OTHER):

1. Chambers, U., N. Mills, E. Beers, T. Unruh, P. Shearer, J. Brunner, **K. G. Amarasekare** and V. Jones. 2013. Part 6: Your management program matters. Good Fruit Grower. April 15, 2013. PP. 8-9.
2. **Amarasekare, K. G.** and Shearer, P. W. 2011. Effects of rynaxypyr (Altacor) and petroleum oil (Omni Supreme Spray) on the lacewing *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae), 2010. Arthropod Management Tests. 36: L12.
3. **Amarasekare, K. G.** and J. V. Edelson. 2003. Efficacy and residual effect of insecticides for managing differential grasshopper in leafy green vegetables, 2001. Arthropod Management Tests. 28: E17.
4. **Amarasekare, K. G.** and J. V. Edelson. 2003. Efficacy of insecticides for managing differential grasshopper in leafy green vegetable crops, 2002. Arthropod Management Tests. 28: E18.
5. **Amarasekare, K. G.** and J. V. Edelson. 2002. Efficacy of insecticides for managing differential grasshopper in leafy green vegetable crops, 2002. Vegetable Trial Report- Insect Management. Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK.
6. **Amarasekare, K. G.** and J. V. Edelson. 2002. Efficacy and residual effects of insecticides for managing differential grasshopper in leafy green vegetables, 2001. Vegetable Trial Report- Insect Management. Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK.

GRANTS:

1. Kaushalya Amarasekare (PI/PD), Thomas Bilbo (Co-PD), and Juang Chong (Co-PI): "Enhancing the integration of insectary plants for managing arthropod pests in southern US vegetable production". USDA NIFA-Crop Protection and Pest Management (CPPM) Grant. \$324,998. 2022-2025. (Submitted). (under review)
2. Kaushalya Amarasekare (PI/PD): "Improving sustainable pest management practices to control cucumber beetles in cucurbits". Tennessee Department of Agriculture (TDA)- Specialty Crop Block Grant (SCBG). \$44,992. 2022-2024.
3. Kaushalya Amarasekare (PI/PD), Juang Chong (Co-PD) and David Lamie (Co-PI): "Enhancing Integration of Insectary Plants and Biopesticides for Managing Arthropod Pests in Southern US Vegetable Production". USDA NIFA-Crop Protection and Pest Management (CPPM) Grant. \$324,992. 2021-2024. (Submitted). (Not awarded)
4. Raul Villaneuva (PI/PD), Kaushalya Amarasekare (Co-PI): "Integrating Pest Management, and Morpho-Molecular Tools to Study a New Leatherjacket Pest and Cryptic Craneflies in Alfalfa". USDA NIFA- Alfalfa Forage Research Program (AFRP) Grant. \$299,101. 2021-2022. (Submitted). (Not awarded)
5. USDA NIFA Capacity Building Grant (CBG) 2019 -2022. **K.G. Amarasekare** (PI), A.R. Khanal (CoPI), and A. Clardy (CoPI). Building capacity in Extension, outreach and technical assistance to promote integrated pest management (IPM) of arthropods in Tennessee. (\$249,980).
6. Shearer, P.W., **K. G. Amarasekare** 2014. Conservation biological control of pear psylla in Pacific Northwest pears. Washington Tree Fruit Research Commission. (\$71,571).
7. Shearer, P.W., **K. G. Amarasekare**, V.P. Jones, S.A. Steffan 2013. Improving biological control of insect pests of cherry. Washington Tree Fruit Research Commission. (\$79,485).

PROFESSIONAL PRESENTATIONS AND PUBLISHED PROCEEDING ABSTRACTS:

* Denotes graduate student presentations.

1. **Amarasekare, K. G.**, A. R. Khanal, and C. Smith. 2022. Knowledge and Perception of IPM: Results from a Grower Survey. 4th IPM Forum, Association of 1890 Research Directors (ARD) Research Symposium 2022, Atlanta, GA. (April 2-5, 2022). Invited Symposium (Published abstract).
2. **Amarasekare, K. G.**, A. R. Khanal, and C. Smith. 2022. Growers' Knowledge and Perception of Integrated Pest Management (IPM). TSU Research Symposium March 28-April 1, 2022. (Virtual).
3. Dhungana, P.*, A. R. Khanal, and **Amarasekare, K. G.** 2022. Does training source affect the adoption of best management practices of integrated pest management in specialty crops? Findings from Tennessee. TSU Research Symposium March 28-April 1, 2022. (Virtual).
4. **Amarasekare, K. G.**, A. R. Khanal, and C. Smith. 2022. Growers' knowledge and perception of IPM. Annual Meeting of the Southeastern Branch of the Entomological Society of America (ESA). (March 26-30, 2022), San Juan, PR. (Published abstract).
5. **Amarasekare, K. G.**, A. R. Khanal, and C. Smith. 2021. Tennessee Growers' knowledge and perception of IPM: A survey result from a case study. 131st Annual Meeting of the Tennessee Academy of Science (TAS). Cookeville, TN. (November 6, 2021). (Published abstract).

6. Khanal, A. R., **K. G. Amarasekare**, and C. Smith. 2021. Growers' knowledge on integrated pest management (IPM): A case study in Tennessee. Annual Meeting of the Entomological Society of America (ESA), Virtual meeting. (Oct 31-Nov 3, 2021).
7. **Amarasekare, K. G.** 2021. Entomology from a minority perspective: Challenges and the way forward. Invited Symposium on "Equity, diversity, and inclusion in entomology: Accessibility and advocacy". Annual Meeting of the Southeastern Branch of the Entomological Society of America (ESA), Virtual meeting. (March 29-31, 2021).
8. Smith, C*, A. Khanal, **K. G. Amarasekare**. 2021. How much do Tennessee farmers know about integrated pest management, biological control and good bugs? Findings from a survey of specialty crop growers. TSU Research Symposium March 22-26, 2021. (Virtual).
9. **Amarasekare, K. G.** and Link, R. H. 2020. Brown marmorated stink bug and kudzu bug abundance in soybeans. 130th Annual Meeting of the Tennessee Academy of Science (TAS). Virtual meeting. (November 21, 2020). (Published abstract).
10. Williams*, K. T., and **Amarasekare, K. G.** 2020. Life history comparison of *Chrysopa oculata* and *Chrysoperla rufilabris* (Neuroptera: Chrysopidae). Annual Meeting of the Entomological Society of America (ESA), Virtual meeting. (November 16-19, 2020).
11. Abana*, U. C. and **Amarasekare, K. G.** 2019. Lethal and sublethal effects of reduced-risk and organophosphate-replacement insecticides on *Orius insidiosus* (Hemiptera: Anthocoridae). 129th Annual Meeting of the Tennessee Academy of Science (TAS), Columbia, TN (November 22, 2019). (Published abstract).
12. Williams*, K. T., **Amarasekare, K. G.** and Abana*, U. C. 2019. Comparing the life history of two green lacewing species *Chrysopa oculata* and *Chrysoperla rufilabris* (Neuroptera: Chrysopidae). 129th Annual Meeting of the Tennessee Academy of Science (TAS), Columbia, TN (November 22, 2019). (Published abstract).
13. **Amarasekare, K. G.** and Link, R. H. 2019. Predatory Natural Enemy monitoring in Soybean. 129th Annual Meeting of the Tennessee Academy of Science (TAS), Columbia, TN (November 22, 2019). (Published abstract).
14. **Amarasekare, K. G.** and Link, R. H. 2019. Abundance of natural enemies in soybeans. Annual Meeting of the Entomological Society of America (ESA), St. Louis, MO. (November 17-20, 2019).
15. Abana*, U. C. and **Amarasekare, K. G.** 2019. Effects of newer insecticides on *Orius insidiosus* (Hemipteran: Anthocoridae) in Laboratory bioassays. 46th Annual Meeting of the Tennessee Entomological Society (TES), Nashville, TN (October 17-18, 2019). (Published abstract).
16. Williams*, K. T., **Amarasekare, K. G.** and Abana*, U. C. 2019. Life history comparison of two green lacewing species (Neuroptera: Chrysopidae). 46th Annual Meeting of the Tennessee Entomological Society (TES), Nashville, TN (October 17-18, 2019). (Published abstract).
17. **Amarasekare, K. G.** and Link, R. H. 2019. Seasonal Abundance of Brown Marmorated Stink Bug (Hemiptera: Pentatomidae) and Kudzu Bug (Hemiptera: Plataspidae) in Soybeans. 46th Annual Meeting of the Tennessee Entomological Society (TES), Nashville, TN (October 17-18, 2019). (Published abstract).
18. Abana*, U. C., **Amarasekare, K. G.** and Link, R. H. 2019. Field monitoring of *Orius insidiosus* and thrips in sweet pepper using herbivore induced plant volatiles. 41st Annual University-wide Research Symposium, Tennessee State University, Nashville, TN. (April 4th, 2019).
19. Williams*, K. T., **Amarasekare, K. G.** and Link, R. H. 2019. Abundance of the Green Lacewing *Chrysopa nigricornis* in Peach and Apple Orchards in Middle Tennessee. 41st Annual University-wide Research Symposium, Tennessee State University, Nashville, TN. (April 4th, 2019).

20. **Amarasekare, K. G.** and Link, R. H. 2019. Abundance of natural enemies and invasive pest insects of soybean in Middle Tennessee. 41st Annual University-wide Research Symposium, Tennessee State University, Nashville, TN. (April 4th, 2019).
21. **Amarasekare, K. G.** and Link, R. H. 2019. Soybean Pest Insects and Natural Enemy Monitoring in Middle Tennessee. IPM Forum, Association of 1890 Research Directors (ARD) Research Symposium 2019, Jacksonville, FL. (April 2nd, 2019).
22. Abana*, U. C., **Amarasekare, K. G.** and Link, R. H. 2019. Use of herbivore induced plant volatiles (HIPVs) for monitoring *Orius insidiosus* and thrips in sweet pepper. Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Mobile, AL. (March 3-6, 2019).
23. Williams*, K. T., **Amarasekare, K. G.** and Link, R. H. 2019. Seasonal abundance of *Chrysopa nigricornis* in tree-fruit orchards in Middle Tennessee. Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Mobile, AL. (March 3-6, 2019).
24. **Amarasekare, K. G.** and Link, R. H. 2019. Monitoring the seasonal abundance of pest insects and natural enemies of soybean in Middle Tennessee. Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Mobile, AL. (March 3-6, 2019).
25. Shearer, P. W., Jones, V. P., Mills, N. J., **Amarasekare, K. G.** Ioriatti, C. and Lucchi, A. 2019. Using plant volatiles to monitor natural enemies in horticultural crops. IOBC/WPRS. Joint Meeting of the IOBC/WPRS Working Groups “Pheromones and other semiochemicals in IP” & Integrated Protection of Fruit Crops. Lisbon, Portugal. (January 20-25, 2019). (Published abstract).
26. **Amarasekare, K. G.** and Link, R. H. 2018. Seasonal abundance of pest insects and natural enemies of soybean in middle Tennessee. 128th Annual Meeting of the Tennessee Academy of Science (TAS), Clarksville, TN (November 17, 2018). (Published abstract).
27. Abana*, U. C., **Amarasekare, K. G.** and Link, R. H. 2018. The effectiveness of herbivore induced plant volatiles for monitoring field populations of *Orius insidiosus* in sweet pepper in Tennessee. 128th Annual Meeting of the Tennessee Academy of Science (TAS), Clarksville, TN (November 17, 2018). (Published abstract).
28. Williams*, K. T., **Amarasekare, K. G.** and Link, R. H. 2018. Use of herbivore induced plant volatiles to monitor the seasonal abundance of green lacewings in tree-fruit orchards in middle Tennessee. 128th Annual Meeting of the Tennessee Academy of Science (TAS), Clarksville, TN (November 17, 2018). (Published abstract).
29. **Amarasekare, K. G.** and Link, R. H. 2018. Monitoring the green lacewing *Chrysopa nigricornis* in Tennessee (Neuroptera: Chrysopidae). Annual Meeting of the Entomological Society of America (ESA), Vancouver, BC. Canada (November 11-14, 2018). (Joint Annual Meeting with the Entomological Society of Canada, the Entomological Society of British Columbia).
30. Abana*, U. C., **Amarasekare, K. G.** and Link, R. H. 2018. Monitoring field populations of *Orius insidiosus* using herbivore induced plant volatiles (HIPVs). 45th Annual Meeting of the Tennessee Entomological Society (TES), Knoxville, TN (October 4-5, 2018). (Published abstract).
31. Williams*, K. T., **Amarasekare, K. G.** and Link, R. H. 2018. Monitoring seasonal abundance of the green lacewing *Chrysopa nigricornis* in tree-fruit orchards in middle Tennessee. 45th Annual Meeting of the Tennessee Entomological Society (TES), Knoxville, TN (October 4-5, 2018). (Published abstract).
32. **Amarasekare, K. G.**, and Link, R. H. 2018. Lethal and sublethal effects of field-aged insecticide residues on green lacewings (Neuroptera: Chrysopidae). 40th Annual University-wide Research Symposium, Tennessee State University, Nashville, TN. (April 2-6, 2018).

33. **Amarasekare, K. G.** 2017. Entomology at Tennessee State University: an HBCU perspective on status, challenge and prospect. Annual Meeting of the Entomological Society of America (ESA), Denver, CO. (November 5-8, 2017). (Invited National Symposium).
34. **Amarasekare, K. G.** and Link, R. H. 2017. Presence and abundance of *Chrysopa nigricornis* in Tennessee. 44th Annual Meeting of the Tennessee Entomological Society (TES), Nashville, TN (October 5-6, 2017). (Published abstract).
35. **Amarasekare, K. G.**, Brown, P. H. and Shearer, P.W. 2017. Lethal and sublethal effects of field-aged insecticide residues on green lacewings (Neuroptera: Chrysopidae). 39th Annual University-wide Research Symposium, Tennessee State University, Nashville, TN. (April 17-21, 2017)
36. **Amarasekare, K. G.**, Brown, P. H. and Shearer, P. W. 2017. Effects of insecticide residues on *Chrysoperla johnsoni* (Neuroptera: Chrysopidae). Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Memphis, TN. (March 2017).
37. **Amarasekare, K. G.** and Shearer, P. W. 2016. Conservation biological control of pear pest *Cacopsylla pyricola* (Hemiptera: Psyllidae). XXV International Congress of Entomology (ICE). Orlando, FL. (September 2016)
38. Shearer, P. W., and **Amarasekare, K.G.** 2016. Insecticide Trial for Spotted Wing Drosophila in Sweet Cherries: 2014 and 2015. 90th Annual Meeting of Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract only).
39. **Amarasekare, K. G.** and Shearer, P. W. 2015. Lethal and sublethal effects of newer insecticides on *Chrysoperla carnea* and *Chrysoperla johnsoni* (Neuroptera: Chrysopidae). Annual Meeting of the Entomological Society of America (ESA), Minneapolis, MN. (Poster-Presented by Dr. Peter Shearer on my behalf).
40. Shearer, P. W., **Amarasekare, K.G.** and Castagnoli, S. 2015. Assessing commercial attractants for monitoring spotted wing drosophila. Annual Meeting of Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract).
41. **Amarasekare, K. G.**, Brown, P. H. and Shearer, P. W. 2014. Impacts of field-aged insecticide residues on the generalist predator *Deraeocoris brevis* (Hemiptera: Miridae). Annual Meeting of the Entomological Society of America (ESA), Portland, OR.
42. Shearer, P. W., **Amarasekare, K.G.** and Castagnoli, S. 2014. Assessing conservation biological control in Mid-Columbia pear orchards. Annual Meeting of the Pacific Branch Entomological Society of America (ESA), Tucson, AZ.
43. **Amarasekare, K. G.** and Shearer, P. W. 2014. Lethal and sublethal effects of newer insecticides *Chrysoperla johnsoni* and *Chrysoperla carnea* (Neuroptera: Chrysopidae). International Organization for Biological Control (IOBC)/WPRS-Pome Fruit Arthropods, Vienna, Austria.
44. **Amarasekare, K. G.**, Brown, P. H. and Shearer, P. W. 2014. Lethal and sublethal effects of field-aged residues of reduced-risk and OP-replacement insecticides on *Chrysoperla johnsoni* (Neuroptera: Chrysopidae). Annual Meeting of the Pacific Branch Entomological Society of America (ESA), Tucson, AZ.
45. **Amarasekare, K. G.**, Brown, P. H. and Shearer, P. W. 2014. Effects of field-aged residues of reduced-risk and OP-replacement insecticides on *Chrysoperla johnsoni* (Neuroptera: Chrysopidae). Annual Meeting of Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract).
46. **Amarasekare, K. G.** and Shearer, P. W. 2013. Effects of newer insecticides on the green lacewing *Chrysoperla carnea*. (Neuroptera: Chrysopidae). Annual Meeting of the Washington State Horticultural, Wenatchee, WA.

47. **Amarasekare, K. G.** and Shearer, P. W. 2013. Lethal and sublethal effects of newer insecticides on the natural enemy *Deraeocoris brevis* (Uhler) (Hemiptera: Miridae). Annual Meeting of the Washington State Horticultural, Wenatchee, WA.
48. **Amarasekare, K. G.** and Shearer, P. W. 2013. Comparing effects of newer insecticides on two green lacewings species, *Chrysoperla johnsoni* and *Chrysoperla carnea* (Neuroptera: Chrysopidae). Annual Meeting of Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract).
49. **Amarasekare, K. G.** and Shearer, P. W. 2012. Lethal and sublethal effects of insecticides on *Chrysoperla carnea* (Neuroptera: Chrysopidae). 7th International IPM Symposium, Memphis, TN.
50. **Amarasekare, K. G.** and Shearer, P. W. 2013. Effects of newer insecticides on the green lacewing *Chrysoperla carnea*. Annual Meeting of the Pacific Branch Entomological Society of America (ESA), Portland, OR.
51. **Amarasekare, K. G.** and Shearer, P. W. 2012. Effects of newer insecticides on the green lacewing *Chrysoperla carnea*. Annual Meeting of Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract).
52. Shearer, P. W., **Amarasekare, K.G.** and Brown P. H. 2012. Evaluating codling moth spray impacts on biological control in pear. Annual Meeting of Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract).
53. Shearer, P. W., **Amarasekare, K.G.** and Brown P. H. 2012. Developing new information and tools to enhance biological control in pear and sweet cherry orchards. Winter Horticulture Meeting, Oregon State University Extension Service, Hood River, OR.
54. **Amarasekare, K. G.** and Shearer, P. W. 2011. Lethal and sublethal effects of insecticides on the green lacewing *Chrysoperla carnea*. Annual Cumberland-Shenandoah Fruit Workers Conference 2011. Winchester, VA.
55. **Amarasekare, K. G.** and Shearer, P. W. 2011. Laboratory bioassays to estimate lethal and sub effects of newer insecticides on the green lacewing *Chrysoperla carnea*. Annual Meeting of the Entomological Society of America (ESA), Reno, NV.
56. **Amarasekare, K. G.** and Shearer, P. W. 2011. Lab and field studies to improve biological control in pear orchards. Winter Horticulture Meeting, Oregon State University Extension Service, Hood River, OR.
57. **Amarasekare, K. G.** and Shearer, P. W. 2011. Effects of two key orchard fungicide treatments on the natural enemy *Deraeocoris brevis* (Uhler) (Hemiptera: Miridae). Annual Meeting of the Pacific Branch Entomological Society of America (ESA), Waikoloa, HI.
58. **Amarasekare, K. G.** and Shearer, P. W. 2011. Lethal and sublethal effects of fungicides on the natural enemy *Deraeocoris brevis* (Uhler) (Hemiptera: Miridae). Annual Meeting of Western Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract).
59. **Amarasekare, K. G.** and Shearer, P. W. 2010. Use of laboratory bioassays to estimate pesticide effect on biological control agent. Annual Meeting of the Entomological Society of America (ESA), San Diego, CA. (invited symposia).
60. **Amarasekare, K. G.** and Shearer, P. W. 2010. Effects of newer insecticides on the natural enemy *Deraeocoris brevis* (Uhler) (Hemiptera: Miridae). International Organization for Biological Control (IOBC)/WPRS-Integrated protection of fruit crops, Tremiti Islands, Italy. (invited).

61. **Amarasekare, K. G.** and Shearer, P. W. 2010. Effects of newer insecticides on the natural enemy *Deraeocoris brevis* (Uhler) (Hemiptera: Miridae). Annual Meeting of the Pacific Branch Entomological Society of America (ESA), Boise, ID.
62. **Amarasekare, K. G.** and Shearer, P. W. 2010. Lethal and sublethal effects of newer insecticides on the natural enemy *Deraeocoris brevis* (Uhler) (Hemiptera: Miridae). Annual Meeting of Western Orchard Pest and Disease Management Conference, Portland, OR. (Published abstract).
63. **Amarasekare, K. G.**, C. M. Mannion, and N. D. Epsky. 2009. Biology, host instar suitability and susceptibility, and interspecific competition of three introduced parasitoids of *Paracoccus marginatus* (Hemiptera: Pseudococcidae). Annual Meeting of the Entomological Society of America (ESA), Indianapolis, IN.
64. **Amarasekare, K. G.**, C. M. Mannion, and N. D. Epsky. 2007. Field assessment of three introduced parasitoids of *Paracoccus marginatus* Williams and Granara de Willink (Hemiptera: Pseudococcidae). Annual Meeting of the Entomological Society of America (ESA), San Diego, CA.
65. **Amarasekare, K. G.**, C. M. Mannion, and N. D. Epsky. 2007. Effect of temperature on the biology of *Paracoccus marginatus* Williams and Granara de Willink (Hemiptera: Pseudococcidae). Annual Meeting of Florida Entomological Society (FES), Sarasota, FL
66. **Amarasekare, K. G.**, C. M. Mannion, and N. D. Epsky. 2006. Development, survival, and reproduction of papaya mealybug (*Paracoccus marginatus* Williams and Granara de Willink [Hemiptera: Pseudococcidae]) on different host plant species. Annual Meeting of the Entomological Society of America (ESA), Indianapolis, IN
67. **Amarasekare, K. G.** and J. V. Edelson. 2004. Effect of temperature on efficacy of insecticides used to control grasshoppers in vegetables - *Melanoplus differentialis* (Orthoptera: Acrididae). Annual Meeting of the Entomological Society of America (ESA), Salt Lake City, UT.
68. **Amarasekare, K. G.** and J. V. Edelson. 2001. Efficacy of insecticides in four temperature regimes to control differential grasshopper (Orthoptera: Acrididae). Annual Meeting of the Entomological Society of America (ESA), San Diego, CA
69. **Amarasekare, K. G.** and J. V. Edelson. 2001. Efficacy of insecticides in controlling the differential grasshopper under four temperature regimes (Orthoptera: Acrididae). Annual Research Symposium, Oklahoma State University, Stillwater, OK.

INVITED AND DEPARTMENTAL SEMINARS:

1. **Amarasekare, K. G.** 2022. Tennessee crop growers' knowledge on integrated pest management (IPM). Spring Seminar Series. Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN. (February 24th 2022).
2. **Amarasekare, K. G.** 2021. Brown marmorated stink bug and kudzu bug abundance in soybeans. Spring Seminar Series. Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN. (February 25th 2021).
3. **Amarasekare, K. G.** 2021. Management of papaya mealybug (Hemiptera: Coccinellidae). Spring Seminar Series. College of Agriculture, Forestry and Life Sciences, Virtual seminar. Clemson University, Clemson, SC (January 8th 2021). (39 attendees)
4. **Amarasekare, K. G.** 2020. Thrips management in sweet pepper. Spring Seminar Series. Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN. (January 16th 2020).

5. **Amarasekare, K. G.** 2019. Natural enemies and invasive pest insects of soybeans in middle Tennessee. Spring Seminar Series. Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN. (February 14th 2019).
6. **Amarasekare, K. G.** 2018. Papaya mealybug (Hemiptera: Coccinellidae); an exotic invasive pest species to the US. Fall Seminar Series. Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN. (November 6th 2018).
7. **Amarasekare, K. G.** and Link, R. H. 2017. Monitoring green lacewings in Tennessee. Fall Seminar Series. Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN. (November 30th 2017).
8. **Amarasekare, K. G.** 2017. Lethal and sublethal effects of insecticides on the green lacewing *Chrysoperla carnea*. Spring Seminar Series. Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN. (March 2nd 2017).
9. **Amarasekare, K. G.** 2015. Enhancing IPM through research and outreach. Tennessee State University, Nashville, TN.
10. **Amarasekare, K. G.** 2013. The pros and cons of introduced natural enemies and reduced-risk insecticides in integrated pest management. University of Missouri, Columbia, MO.
11. **Amarasekare, K. G.** 2013. Introduced natural enemies and reduced-risk insecticides in integrated pest management. Fisher Delta Research Center, University of Missouri, Portageville, MO.
12. **Amarasekare, K. G.** 2009. Research Moments- past and current. Mid-Columbia Agricultural Research and Extension Center, Oregon State University, Hood River, OR
13. **Amarasekare, K. G.** 2008. Challenges in developing and delivering an insect pest management program to Alabama producers. Department of Entomology, Auburn University, Auburn, AL
14. **Amarasekare, K. G.** 2008. Papaya mealybug and its introduced parasitoids. University of California Cooperative Extension Center, Monterey, CA
15. **Amarasekare, K. G.** 2007. Life history of papaya mealybug (*Paracoccus marginatus*) and the effectiveness of three introduced parasitoids (*Acerophagus papayae*, *Anagyrus loecki*, and *Pseudleptomastix mexicana*). Tropical Research and Education Center, University of Florida, Homestead, FL
16. **Amarasekare, K. G.** 2002. Efficacy of insecticides in four temperature regimes to control differential grasshopper (Orthoptera: Acrididae). Department of Entomology and Plant Pathology, Oklahoma State University, Stillwater, OK.
17. **Amarasekare, K. G.** 2002. Effect of temperature on efficacy of insecticides to differential grasshopper (Orthoptera: Acrididae). Wes Watkins Agricultural Research and Extension Center, Oklahoma State University, Lane, OK

RESEARCH EXPERIENCE:

1. Evaluation of insectary plants for arthropod pest management
2. Cucumber beetle management
3. Tomato integrated pest management (IPM).
4. Pepper integrated pest management (IPM).

5. Abundance of *Orius insidiosus* (Hemiptera; Anthocoridae) and thrips (Thysanoptera: Thripidae) in sweet pepper.
6. Presence and seasonal abundance of green lacewings (Neuroptera: Chrysopidae) in tree-fruit orchards in Tennessee.
7. Monitoring the abundance of invasive pest insects (Brown Marmorated Stink Bug [BMSB] and Kudzu bug) and natural enemies of soybeans in Tennessee.
8. Developing and evaluating management and monitoring techniques for spotted wing drosophila (*Drosophila suzukii*) on sweet cherry and blueberry- Postdoctoral research at Oregon State University: USDA-NIFA Specialty Crop Research Initiative (SCRI) funded project.
9. Conservation biological control of pear psylla in Pacific Northwest Pears – Postdoctoral research at Oregon State University: Washington Tree Fruit Research Commission funded project.
10. Improving biological control of insect pests of cherry – Postdoctoral research at Oregon State University: Washington Tree Fruit Research Commission funded project.
11. Enhancing biological control to stabilize western orchard IPM systems – Postdoctoral research at Oregon State University: a collaborative project with OSU, WSU, UC-Berkley and USDA-ARS. USDA-NIFA Specialty Crop Research Initiative (SCRI) funded project.
12. Biological control of exotic pest insects. Ph.D. dissertation research at the University of Florida. USDA-ARS Specific Cooperative Agreement (SCA) funded project.
13. Toxicity of insecticides for managing differential grasshopper in leafy green vegetable crops. MS thesis research at Oklahoma State University. USDA-CSREES and Crops at Risk Program funded project.
14. Management of *Bactrocera dorsalis* (Oriental fruit fly) and *Bactrocera curcurbitae* (Melon fly) in Sri Lanka using lures and male annihilation techniques. Sri Lanka Council for Agricultural Research Policy (SLCARP) funded project.

EXTENSION OUTREACH EXPERIENCE – NON-TRADITIONAL TEACHING:

1. National Public Radio (NPR) segment: Invasive pests and common arthropod natural enemies in Tennessee
2. In-service training - Integrated pest management for vegetables and small fruits, Madison County Extension- Jackson TN. 03-22-2022. 1 participant. 2022
3. In-service training – Tomato pest management, Cumberland County Extension- Crossville TN. 03-08-2022. 3 participants. 2022
4. Arthropod pest management in home gardens and small farms. Outreach workshop. (virtual). Women in Agriculture Conference. Organized by Tennessee State University. Multi state virtual participation. 11-04-2021-40 participants. 2021
5. The world of invertebrates 2021. Owl's Hill Conservatory, Williamson County, Bentwood TN. 09-16-2021, 15 participants. 2021
6. Insectary plants for arthropod pest management. (virtual). Tennessee State University's 17th Annual Small Farm Expo 2021. 09-02-2021. State-wide virtual participation. 80 participants. 2021
7. Tomato and pepper pest management. West Tennessee New Farmer Academy Training 2021, Shelby County Cooperative Extension, Memphis, TN. 07-22-2021. 30 participants. 2021

8. Beneficial insects and plants for home gardening and small farms (virtual). Organized by Jo Anne Waterman, Extension Agent, Shelby County Cooperative Extension, Memphis, TN. 02-23-2021. 11 participants. 2021
9. Tomato pest management. TSU farm visit training and insect display. Davidson County, Nashville, TN 10-06-2020, 7 participants. 2020
10. The world of invertebrates 2020. Owl's Hill Conservatory, Williamson County, Brentwood TN. 09-17-2020, 10 participants. 2020
11. Brown marmorated stink bug and kudzu bug in Tennessee. (virtual). Tennessee State University's 16th Annual Small Farm Expo 2020. 09-03-2020. 2 sessions. State-wide virtual participation. 10 participants. 2020
https://www.youtube.com/watch?v=iCjOYUT5e8k&feature=emb_logo
12. Beneficial Insects and Plants (virtual). Organized by Jo Anne Waterman, Extension Agent, Shelby County Cooperative Extension, Memphis, TN. 08-13-2020. 15 participants. 2020
13. In-service training (virtual training using Zoom) - Use of beneficial arthropods in home gardening and small farms, initially scheduled to conduct at the Madison County Extension Office, Jackson TN. 04-07-2020. 3 participants out of 5 registered. 2020
14. In-service training – Entomology for Youth, Cumberland County Extension- Crossville TN. 03-10-2020. 2 participants. 2020
15. Girls Scout "Bug Expert" workshop on Ladybugs. Girls Scouts of Middle Tennessee, Ashland City, TN. 02-29-2020. 52 participants. 2020
16. In-service training – Pepper Pest Management, Rutherford County Extension- Murfreesboro TN. 02-25-2020. 4 participants. 2020
17. Introduction to Entomology. Visit from LEAD Public Schools, Nashville TN, High School students interested in Agriculture and Entomology. Tennessee State University, Nashville TN 37209. 09-25-2019. 60 participants. 2019
18. The world of invertebrates. Tennessee Naturalist Program 2019. Owl's Hill Conservatory Williamson County, Brentwood TN. 09-19-2019, 18 participants. 2019
19. Insects in Agriculture - New Farmer Academy at Turney Center in Hickman County, Only, TN. 06-11-2019. 18 participants. 2019
20. Tomato pest insect management - In-Service Training. Madison County Agricultural Extension Office, Jackson, TN. 05-14/2019 2019
21. Use of beneficial insects in home gardening and small Farms - In-Service Training. Cumberland County Agricultural Extension Office, Crossville, TN. 04-04/2019 2019
22. Basic Entomology for youth - In-Service Training. Rutherford County Agricultural Extension Office, Murfreesboro, TN. 03-19/2019 2019
23. Introduction to Entomology. Visit from Glencliff High School students interested in Agriculture and Entomology. Tennessee State University, Nashville TN 37209. 03-20-2019. 35 participants. 2019
24. The world of invertebrates. Tennessee Naturalist Program 2018. Owl's Hill Conservatory Williamson County, Brentwood TN. 09-20-2018, 20 participants. 2018

25. Entomology and insects in agriculture - School for Science and Math at Vanderbilt, two –day program for gifted high school students interested in STEM in Davidson County. Tennessee State University, Nashville TN 37209. 06-14-2018 to 06-15-2018. 50 participants. 2018
26. Insects in Agriculture - New Farmer Academy at Turney Center in Hickman County, Only, TN. 05-15-2018. 15 participants. 2018
27. Garden pest insects and their management - Small farmers and backyard gardeners training in Shelby County, Memphis, TN. 04-13-2018. 15 participants. 2018
28. The world of invertebrates. Tennessee Naturalist Program 2017. Owl's Hill Conservatory Brentwood TN. 09-21-2017, 17 participants. 2017
29. Tomato pest insect management - In-Service Training for Extension agents. Putnam County Agricultural Extension Office, Cookeville, TN. 07-26-2017. 5 participants 2017
30. Conservation Biological Control Research in Tennessee. Farming with beneficial insects for pest control – short course and workshop for USDA-NRCS and Cooperative Extension personnel. USDA –NRCS, UT Extension, TSU Cooperative Extension, Xerces Society for invertebrate conservation. Southern Agricultural Research and Education (SARE) funded project. 06-07-2017. Rutherford County Agricultural Extension Office, Murfreesboro, TN. 43 participants. 2017
31. Conservation Biological Control Research in Tennessee. Farming with beneficial insects for pest control – short course and workshop for USDA-NRCS and Cooperative Extension personnel. USDA –NRCS, UT Extension, TSU Cooperative Extension, Xerces Society for invertebrate conservation. Southern Agricultural Research and Education (SARE) funded project. 06-08-2017. TSU Nursery Research Center, McMinnville, TN. 42 participants. 2017
32. TSU - Third Tuesday field days and workshops series 2017. Garden pest insects and control (seminar). Tennessee State University, Nashville TN 37209. 06-20-2017, 8 participants. 2017
33. TSU - Third Tuesday field days and workshops series 2017. Beneficial insects for vegetable gardens (seminar). Tennessee State University, Nashville TN 37209. 04-18-2017, 17 participants. 2017
34. Common garden insects and control. Small farmers and backyard gardeners training in Van Buren County, Spencer, TN. 04-19-2017. 30 participants. 2017
35. How to improve IPM of pest insects. Small farmer training in Shelby County Memphis TN. 10-05-2016. 10 participants. 2016
36. TSU - Third Tuesday field days and workshops series 2016. Enhance IPM of pest insect (seminar). Tennessee State University, Nashville TN 37209. 04-19-2016, 12 participants. 2016
37. 7th Annual Giles County TN lawn and garden home show 2016. IPM of garden pest insects (seminar). 2014 Elkton Pike, Pulaski, TN 38478. 04-08-2016, 10 participants. 2016
38. 4-H Garden Project Workshop. Garden insects and control (workshop). Maury County Park, 1018 Maury county Park Drive, Columbia TN 38401. 02-15-2016, 25 participants. 2016
39. Entomology Program Overview for USDA Foreign Agricultural Service Tour. Presenter Mid-Columbia Agricultural Research and Extension Center, Oregon State University, Hood River, OR 2014
40. Orchard Biological Control workshop, "Introduction to Biological Control" (WSU, OSU, UC-Berkeley and USDA-ARS), Facilitator, Pine Grove, OR 2014

41. "Leaders of tomorrow" Hood River Valley High School - Presenter - Mid Columbia Agricultural Research and Extension Center, Oregon State University, Hood River, OR 2014
42. Orchard Biological Control Short Course, "Focusing on Tomorrow Today: enhancing biological control in orchard cropping systems" (WSU, OSU, UC-Berkeley and USDA-ARS), Facilitator, Pine Grove, OR 2012
43. KIHHR- (Local Radio Station, Hood River, OR) - Radio Talk on enhancing biological control in tree fruit orchards. 2012
44. "Leaders of tomorrow" Hood River Valley High School – Presenter - Mid Columbia Agricultural Research and Extension Center, Oregon State University, Hood River, OR 2011
45. Pear and cherry, natural enemy research highlights. Annual Open House and Research Highlights. Mid-Columbia Agricultural Research and Extension Center, Oregon State University, Hood River, OR 2011
46. KIHHR- (Local Radio Station, Hood River, OR) - Radio Talk on biological pest management in tree fruit orchards. 2011
47. Lab and field studies to improve biological control in pear orchards. Winter Horticulture Meeting, Oregon State University Extension Service, Hood River, OR. 2011
48. KIHHR- (Local Radio Station, Hood River, OR) - Radio Talk on biological pest control in pears and apples. 2010

EXTENSION OUTREACH EXPERIENCE – OTHER

- Annual Metro Kidz Day 2016. Department table presented with Prof. Hayslett to promote TSU for students from Metro Nashville Public Schools. Tennessee State University's Gentry Center. February 3rd, 2016 2016
- Insect Zoo- Demonstrator - Taught school children about common insects. Natural History Museum, Hood River, OR 2010
- KIHHR- (Local Radio Station, Hood River, OR) - Radio Talk on enhancing biological pest control in the Pacific Northwest tree fruit orchards. 2009
- Insect Zoo- Demonstrator - Taught school children about common insects. Audubon Society Nature Day, Oklahoma State University 2001, 2002
- Presented insect zoo, Taught school children and community about common insects. Oklahoma State University Insect Zoo 2001, 2002
- "I Wonder Fair", Taught school children and community about common insects. Oklahoma State University 2001, 2002
- Tulsa State Fair, Demonstrator - Taught school children and community about common insects. Tulsa, OK 2001, 2002

TEACHING EXPERIENCE AND SYLLABI PREPARATION:

Classroom:

1. AGSC 5900 and AGSC 7900 Applied Entomology graduate class for MS and Ph.D. graduate students. 11 participants. Fall 2021
2. Developed and taught the first entomology graduate class at Tennessee State University. AGSC 5900 and AGSC 7900 Applied Entomology graduate class for MS and Ph.D. graduate students. 10 participants. Fall 2018

INSECT COMMON NAME PROPOSALS APPROVED AND ACCEPTED:

1. **Amarasekare, K. G.** 2014. A common name proposal for *Chrysoperla johnsoni* Henry, Wells and Pupedis (Neuroptera: Chrysopidae) submitted to the Entomological Society of America (ESA) was approved and accepted by the ESA common names committee and the governing board. Proposed common name: Johnson's green lacewing.
2. **Amarasekare, K. G.** and C. M. Mannion. 2008. A common name proposal for *Paracoccus marginatus* (Hemiptera: Pseudococcidae) submitted to the Entomological Society of America (ESA) was approved and accepted by the ESA common names committee and the governing board. Proposed common name: papaya mealybug.

PROFESSIONAL AFFILIATIONS:

Tennessee Academy of Science	2018 – present
Tennessee Entomological Society	2017 – present
Environmental Science Club, Tennessee State University	2016 – present
Entomological Society of America	2000 – present
Southeastern Branch Entomological Society of America	2016 – present
International Organization for Biological Control (IOBC) – NRS	2010 - present
Pacific Branch Entomological Society of America	2009 - 2015
Southeastern Branch Entomological Society of America	2003 – 2009
Florida Entomological Society	2003 - present
ENSO (Entomology & Nematology Student Organization – University of Florida)	2003 - 2007
Sanborn Entomology Club (Oklahoma State University)	2000 - 2002
Southeastern Branch Entomological Society of America	2000 - 2002

PROFESSIONAL SERVICE:

Southern SARE Program. Southern SARE Research and Education Grant technical review committee member.	2022
Member-at-large, Entomological Society of America-Southeastern Branch (ESA-SEB)	2022-2025

Review Panel Chair-USDA-ARS: NP 304 Panel 10. Biological Control Classical Overseas 2 of the USDA, ARS 304 Crop Protection and Quarantine National Program July – Aug 2020

Review panel member for the Research Methods graduate class, College of Agriculture, Department of Agricultural and Environmental Sciences, Tennessee State University Oct 28, 2019

TSU Faculty Senate: Department of Agricultural and Environmental Sciences representative for Non-Instructional Assignment (NIA) Committee 2019 – 2020

Southeastern Branch of the Entomological Society of America: Nominated for the Member-in Large (Nominated by Dr. Karla Addesso) 2020 – 2021

Tennessee Entomological Society: President 2020 – 2021

Tennessee Entomological Society: President-Elect 2019 – 2020

Tennessee Entomological Society: Awards Committee Member 2019 – 2020

Tennessee Entomological Society: Local Annual Meeting Arrangement Committee Chair 2018 – 2019

Tennessee Entomological Society: Awards Committee Member 2018 – 2019

Tennessee Entomological Society: Award Committee Chair 2017 – 2018

Tennessee Naturalist Program at Owl’s Hill Nature Sanctuary Brentwood TN: Instructor for “The world of invertebrates” class 2017 – present

Peer reviewer for:

Environmental Entomology, Journal of Economic Entomology, Florida Entomologist, Pest Management Science, Annals of the Entomological Society of America, *Entomologia Experimentalis et Applicata*, PLOS ONE, European Journal of Entomology, Journal of Applied Entomology, Journal of Insect Behavior, Chemosphere, Insect Systematics and Diversity, Journal of Integrative Agriculture, Insects, HortScience, International Journal of Pest Management, Neotropical Entomology

Peer-reviewed articles:

2021 HortScience (1)

2020 Insects (1), Journal of Applied Entomology (1) (Total 2)

2019 Insects (1) (Total 1)

2018 Journal of Economic Entomology (1), International Journal of Pest Management (1), Neotropical Entomology (1) (Total 3)

2017 Florida Entomologist (4), Insect Systematics and Diversity (1), Chemosphere (1), Journal of Integrative Agriculture (1) (Total 7)

2016 Florida Entomologist (1), Biocontrol Science and Technology (1), Journal of Economic Entomology (1), European Journal of Entomology (1), Journal of Applied Entomology (1), Journal of Insect Behavior (1), Pest Management Science (1) (Total 7)

Grant reviewer and panel chair for:

1. Southern SARE Program. Southern SARE Research and Education Grant technical review committee member. 2022
2. Review Panel Chair-USDA-ARS: NP 304 Panel 10. Biological Control Classical Overseas 2 of the USDA, ARS 304 Crop Protection and Quarantine National Program June - Aug 2020
3. USAD-NIFA Institute of Bioenergy, Climate and Environment (IBCE), Small Business Innovation Research (SBIR) 2017
4. USAD-NIFA Institute of Bioenergy, Climate and Environment (IBCE), Small Business Innovation Research (SBIR) 2016

VOLUNTEER AT REGIONAL AND NATIONAL PROFESSIONAL MEETINGS:

- Abstract reviewer for Graduate Student (Oral) Paper Competition. Tennessee State Annual University Research Symposium. 2022
- Judge for MS. student paper (oral) competition, Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Virtual. 2021
- Abstract reviewer for Graduate Student (Oral) Paper Competition. Tennessee State Annual University Research Symposium. 2021
- Judge for Graduate student paper (oral) competition, Annual Meeting of the Tennessee Academy of Science (TAS), Virtual. 2020
- Judge for Graduate student paper (oral) competition, Annual Meeting of the Entomological Society of America (ESA), Virtual. 2020
- Program Chair and moderator for graduate and undergraduate student paper (oral) competition, Annual Meeting of the Tennessee Entomological Society (TES), Virtual. 2020
- Moderator for Graduate student paper (oral) competition, Annual Meeting of the Entomological Society of America (ESA), St. Louis, MO. 2019
- Judge for Graduate student paper (oral) competition, Annual Meeting of the Entomological Society of America (ESA), St. Louis, MO. 2019
- Judge for Ph.D. student paper (oral) competition, Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Mobile, AL. 2019
- Moderator for MS student paper (oral) competition, Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Mobile, AL. 2019
- Judge for Ph.D. student paper (oral) competition, Annual Meeting of the Entomological Society of America (ESA), Vancouver, BC, Canada. 2018

Judge for Ph.D. student paper (oral) competition, Annual Meeting of the Southeastern Branch Entomological Society of America (ESA), Memphis, TN.	2017
Moderator- Ph.D. student paper competition (Oral). Annual Meeting of the Pacific Branch Entomological Society of America (ESA), Portland, OR.	2012
Judge for student poster competition, Annual Meeting of the Entomological Society of America (ESA), San Diego, CA.	2010
Student Volunteer at the 55 th Annual Meeting of the Entomological Society of America (ESA), San Diego, CA.	2007

GRADUATE STUDENT COMMITTEES:

1. MS thesis committee Chair for Yuna Gaire, M.S. student Department of Agricultural and Environmental Sciences, College of Agriculture Tennessee State University. Aug 2021 to date
2. MS thesis committee Chair for Mustapha Olawuni, M.S. student Department of Agricultural and Environmental Sciences, College of Agriculture, Tennessee State University. Aug 2021 to Feb 2022
3. MS thesis committee member for Manasarobar Bhattarai, M.S. student Department of Agricultural and Environmental Sciences, College of Agriculture Tennessee State University. Jan 2021 to date
4. MS thesis committee Chair for Kyle T. Williams, M.S. student Department of Agricultural and Environmental Sciences, College of Agriculture Tennessee State University. 2018 to date
5. MS thesis committee Chair for Uzoamaka C. Abana, M.S. student Department of Agricultural and Environmental Sciences, College of Agriculture, Tennessee State University. 2017 to Dec 2019
6. Ph.D. dissertation committee member for Niamul Kabir, Ph.D. student of Dr. Fulya Baysal-Gurel, Department of Biology, College of Life Sciences, Tennessee State University. 2017 to Aug 2018

GRADUATE STUDENT ACHIEVMENTS:

1. Kyle T. Williams 2019: Tennessee Academy of Science 2019. First place, Agricultural Sciences Graduate Student Oral Paper Competition.
2. Uzoamaka .C. Abana 2019: received MS in Agricultural Sciences, College of Agriculture, Tennessee State University (Thesis advisor).
3. Uzoamaka .C. Abana 2019: Outstanding MS graduate student award, College of Agriculture, Tennessee State University.
4. Uzoamaka .C. Abana 2018: Tennessee Academy of Science 2018. Second place, Agricultural Sciences Graduate Student Poster Competition.
5. Uzoamaka .C. Abana 2018: National winner of 2018 Syngenta Agricultural Scholarship Award \$6,000.
6. Uzoamaka .C. Abana 2018: Regional winner of 2018 Syngenta Agricultural Scholarship Award \$1,000.