

CURRICULUM VITA

I. PERSONAL INFORMATION

George C. Hamilton, Ph.D.
Extension Specialist in Pest Management

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II. EDUCATIONAL HISTORY

Ph.D.	Entomology	Rutgers University, 1985
M.S.	Entomology	University of Missouri, 1981
B.A.	Biology	Eastern Conn. State College, 1979

III. PROFESSIONAL EXPERIENCE

7/07 – 6/22	Department Chair – Department of Entomology, Rutgers University
7/03 - Present	Extension Specialist (Pest Management) , Department of Extension Specialists, Rutgers University. Appointment - 90% Extension, 10% Teaching.
7/98 - 12/99	Interim Department Chair , Department of Entomology, Rutgers University.
7/96 - 6/03	Associate Extension Specialist (Pest Management) , Department of Extension Specialists, Rutgers University. Appointment - 90% Extension, 10% Teaching.
3/87 - 6/96	Assistant Extension Specialist (Pest Management) , Department of Extension Specialists, Rutgers University. Appointment - 90% Extension, 10% Teaching.

IV. HONORS AND AWARDS

1. Rutgers Cooperative Extension Best of the Best Award for Supporting New Jersey's Wine Grape Industry. 2020.
2. USDA ARS Educational Institution and Federal Laboratory Partnership Award. BMSB SCRI Coordinated Agricultural Project. 2017.
3. USDA International IPM Award of Recognition: The BMSB SCRI CAP/StopBMSB Team. 8th International IPM Symposium in Salt Lake City, UT. 2015.
4. Entomological Society of America IPM Team Award: Asian Tiger Mosquito Areawide Management Project. 2014
5. Fenton Award for Outstanding Cook College Graduate School Alumni. Rutgers University. 2013.
6. NJAES Team Excellence: Asian Tiger Mosquito Areawide Management Project. Rutgers University. 2013.
7. Herb Streu Meritorious Service Award. Eastern Branch, Entomological Society of America. 2013.
8. National Association of County Agricultural Agents: National Communication Award (Video Category). *"Asian Tiger Mosquito Public Service Announcement."* 2012.
9. State of New Jersey – New Jersey State Public Service Recognition Award for Teamwork/Partnership Achievement Award. 2006.
10. Rutgers University – Graduate School. Rutgers University Alumni Award for Distinguished Accomplishments – Biological Sciences. 2005.
11. Association of Natural Resource Education Professionals (ANREP): "Computer Graphics" Category. *"Wanted: Asian Longhorned Beetle"* CDROM. 2004.
12. Agricultural Agents Association of New Jersey. Communication Award (Learning Module Category). *"Wanted: Asian Longhorned Beetle"* CDROM. 2004.

13. The Associated Executives of Mosquito Control Work in New Jersey. 2004. "Jessie B. Leslie Award."
14. National Association of County Agricultural Agents: National Communication Award (Web Site Category). "Online Recertification for Licensed Pesticide Applicators in New Jersey", www.recert.rutgers.edu. 2003.
15. Rutgers Cooperative Extension Team Award for "Vegetable Working Group". 2001. Rutgers University.
16. Rutgers Cooperative Extension Team Award for "If Plants Could Talk PBS Television Show." 2000. Rutgers University.
17. Telly Award for "An American farm tale: Chronic organophosphate exposure – The Rea family farm case study videotape". 2000. 22nd Annual Telly Awards Honoring Outstanding Television Commercials, Video Productions and Films.
18. Specialist of the Year Award. 1999. Department of Agriculture and Resource Management Agents, Rutgers University.
19. Certificate of Appreciation. 1999. United States Department of Agriculture.
20. Certificate of Appreciation. 1996. United States Department of Agriculture.
21. NJAA "Man of the Year" Award. 1996. New Jersey Agribusiness Association.
22. Certificate of Achievement. Section E Outstanding Presented Paper. 1995. Entomological Society of America.
23. American Society for Horticultural Science Extension Educational Aids Award. 1994. American Society for Horticultural Science.
24. Pesticide Association of New Jersey Award for Outstanding Contributions to Pesticide Education. 1993. Pesticide Association of New Jersey.
25. Merle V. Adams Achievement Award for Faculty in the Agricultural & Resource Management Specialist Department. 1989. Rutgers Cooperative Extension.

V. RESEARCH/SCHOLARSHIP

Journal Articles (Refereed, * denotes student)

1. Park, Y-L, K. Choi, J. Cullum, K.A. Hoelmer, D.C. Weber, W.R. Morrison, K.B. Rice, G. Krawczyk, S.J. Fleischer, S.J., G. Hamilton, D. Ludwick, A.L. Nielsen, J. Kaser, D. Polk, P.M. Shrewsbury, J.C. Bergh, T.P. Kuhar, and T.C. Leskey, 2024. Landscape-scale spatiotemporal dynamics of *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae) populations: Implications for spatially-based pest management. *Pest Management Science*. <http://doi.org/10.1002/ps.7772>
2. Monzon*, M.A., T. Lampasona, A. Meeds, K.S. Moran, and **G.C. Hamilton**. 2024. Comparing baited versus non-baited subterranean insect traps for sampling forensically important soil fauna in an urban graveyard during early autumn. *Journal of Forensic Entomology* 2. <https://jfe-ojs-tamu.tdl.org/jfe/article/view/4>.
3. Keena, M.A. **G. Hamilton**, and D. Kreitman*. 2023. The potential climatic range of spotted lanternfly may be broader than previously predicted. *Frontiers in Insect Science*.
4. Kreitman, D.*, M.A. Keena, A.L. Nielsen, and **G.C. Hamilton**. 2023. The hosts that nymphal *Lycorma delicatula* feeds on can alter instar duration and nymphal weights. *Frontiers in Insect Science*. <https://doi.org/10.3389/finsc.2022.1110480>
5. Monzon*, M.A., L.M. Weidner, T.W. Rusch, S. Nehrozoglu, and **G.C. Hamilton**. 2022. High Temperature Limits of Survival and Oviposition of *Phormia regina* (Meigen) and *Lucilia sericata* (Meigen). *Insects*. DOI: [10.3390/insects13110991](https://doi.org/10.3390/insects13110991)
6. Gutiérrez I.J., J.F. Walgenbach, A. Acebes-Doria, A.M. Agnello, D.G. Alston, H. Andrews, J.C. Bergh, R. T. Bessin, B.R. Blaauw, G.D. Buntin, E.C. Burkness, J.P. Cullum, K.M. Daane, L.E. Fann, J. Fisher, P. Girod, L.J. Gut, **G.C. Hamilton**, K.A. Hoelmer, W.D. Hutchison, P.J. Jentsch, S.V. Joseph, G.G. Kennedy, G. Krawczyk, T.P. Kuhar, T.C. Leskey, A.L. Nielsen, D.K. Patel, H.D. Peterson, D.R. Reisig, J.P. Rijal, A.A. Sial, L.R. Spears, J.M. Stahl, K.M. Tatman, S.V. Taylor, G. Tillman, M.D. Toews, R.T. Villanueva, C. Welty, N.G. Wiman, J.K. Wilson, F.G. Zalom, G. Zhu and D.W. Crowder. 2022. Evaluating invasion risk and population dynamics of the brown marmorated stink bug across the conterminous USA. *Pest Management Science*. <http://doi.org/10.1002/ps.7113>
7. Kreitman, D.*, M.A. Keena, A.L. Nielsen, and **G. Hamilton**. 2021. Effects of temperature on development and survival of nymphal *Lycorma delicatula* (Hemiptera: Fulgoridae). *Environmental Entomology*. <https://doi.org/10.1093/ee/nvaa155>

8. Leskey, TC, H. Andrews, A. Bády, L. Benvenuto, I. Bernardinelli, B. Blaauw, P.P. Bortolotti, L. Bosco, E. Di Bella, **G. Hamilton**, T. Kuhar, D. Ludwick, L. Maistrello, G. Malossini, R. Nannini, L.J. Nixon, E. Pasqualini, M. Preti, B.D. Short, L. Spears, L. Tavella, G. Véték, and N. Wiman. 2021. Refining Pheromone Lures for the Invasive *Halyomorpha halys* (Hemiptera: Pentatomidae) Through Collaborative Trials in the USA and Europe. *J. Econ. Entomol.* <https://doi.org/10.1093/jee/toab088>
9. Acebes-Doria, Agnello AM, Alston DG, Andrews H, Beers EH, Bergh JC, Bessin R, Blaauw BR, Buntin GD, Burkness EC, Chen S, Cottrell TE, Daane KM, Fann LE, Fleischer SJ, Guédot C, Gut LJ, Hamilton GC, Hilton R, Hoelmer KA, Hutchison WD, Jentsch P, Krawczyk G, Kuhar TP, Lee JC, Milnes JM, Nielsen AL, Patel DK, Short BD, Sial AA, Spears LR, Tatman K, Toews MD, Walgenbach JD, Welty C, Wiman NG, Van Zoeren J, Leskey TC. 2020. Season-long Monitoring of the Brown Marmorated Stink Bug, *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae), Throughout the United States using Commercially Available Traps and Lures. *Journal of Economic Entomology*. doi: 10.1093/jee/toz240
10. Alford, A., T. Kuhar, G.C. Hamilton, P. Jentsch, G. Grawczyk, J.F. Walgenbach, C. Welty. 2020. Baseline toxicity of the insecticides bifenthrin and thiamethoxam on *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae) collected from the Eastern U.S.A. *Journal of Economic Entomology*. doi: 10.1093/jee/toz361
11. Blaauw, B.B., **G. Hamilton**, C. Rodriguez-Saona and A.L. Nielsen. 2019. Plant stimuli and their impact on brown marmorated stink bug dispersal and host selection. *Frontiers in Ecology and Evolution* doi: 10.3389/fevo.2019.00414.
12. Acebes-Doria, A., Ludwig, D., Morrison, W., Agnello, A., Bergh, J.C., Buffington, M., **Hamilton, G.**, Harper, J., Hoelmer, K., Krawczyk, G., Kuhar, T., Pfeiffer, D., Nielsen, A., Rice, K., Rodriguez-Saona, C., Shearer, P., Shrewsbury, P. Talamas, E., Walgenbach, J., Wiman, N., Leskey, T. 2020. Invasion of the brown marmorated stink bug (Hemiptera: Pentatomidae) into the USA: Developing a national response to an invasive species crisis through collaborative research and outreach efforts. *Journal of Integrated Pest Management*. <https://doi.org/10.1093/jipm/pmaa001>
13. Valentin, R., D.M. Fonseca, S. Gable, K. Kyle, **G.C. Hamilton**, A.L. Nielsen, and J.L. Lockwood. 2020. Moving eDNA surveys to the land: Strategies for active eDNA aggregation to detect invasive insects. *Molecular Ecology Resources*. [10.1111/1755-0998.13151](https://doi.org/10.1111/1755-0998.13151)
14. Acebes-Doria, A.L., A.M. Agnello, D.G. Alston, H. Andrews, E.H. Beers, J.C. Bergh, R. Bessin, B.R. Blaauw, G.D. Buntin, E.C. Burkness, S. Chen, T.E. Cottrell, K.M. Daane, L.E. Fann, S.J. Fleischer, C. Guédot, L.J. Gut, G.C. Hamilton, R. Hilton, K.A. Hoelmer, W.D. Hutchison, P. Jentsch, G. Krawczyk, T.P. Kuhar, J.C. Lee, J.M. Milnes, A.L. Nielsen, D.K. Patel, B.D. Short, A.A. Sial, L.R. Spears, K. Tatman, M.D. Toews, J.D. Walgenbach, C. Welty, N.G. Wiman, J. Van Zoeren, T.C. Leskey. 2019. Season-long monitoring of the brown marmorated stink bug, *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae), throughout the United States using commercially available traps and lures. *Journal of Economic Entomology*. [10.1093/jee/toz240](https://doi.org/10.1093/jee/toz240)
15. Gemmellaro*, M.D., C. Bucolo, E. Musumeci, **G.C. Hamilton** and L.M. Weidner. 2018. First observation of initial blow fly (Diptera:Calliphoridae) activity on lava fields and in subterranean environments in Sicily in cool temperatures. *Journal of Medical Entomology*. Doi:10.1093/jme/tjy099.
16. Abrams, P.K., K.A. Hoelmer, A. Acebes-Doria, H. Andrews, E.H. Beers, J.C. Bergh, R. Bessin, D. Biddinger, P. Botch, M.L. Buffington, M.L. Cornelius, E. Costi, E.S. Delfosse, C. Dieckhoff, R. Dobson, Z. Donais, M. Grieshop, **G. Hamilton**, T. Haye, C. Hedstrom, M.V. Herlihy, M.S. Huddle, C.R.R. Hooks, P. Jentsch, N.K. Joshi, T.P. Kuhar, J. Lara, J.C. Lee, A. Legrand, T.C. Leskey, D. Lowenstein, L. Maistrello, C.R. Mathews, J.M. Milnes, W.R. Morrison, A.L. Nielsen, E.C. Ogburn, C.H. Pickett, K. Poley, J. Pote, J. Radl, P.M. Shrewsbury, E. Talamas, L. Tavella, J.F. Walgenbach, R. Waterworth, D.C. Weber, C. Welty, and N.G. Wiman. 2017. Indigenous arthropod natural enemies of the invasive brown marmorated stink bug in North America and Europe. *Journal of Pest Science*.
17. Cambridge*, J.E, L. Francouer*, and **G.C. Hamilton**. 2017. Brown Marmorated Stink Bug (Hemiptera: Pentatomidae) Attraction to Different Light Stimuli. *Florida Entomologist* 100: 583-588. <https://doi.org/10.1653/024.100.0315>
18. Nielsen, A., S. Fleischer, **G. Hamilton**, T. Hancock, G. Krawczyk, J. Lee, E. Ogburn, J. Pote, A. Raudenbush, Amy, A. Rucker, M. Saunders, V. Skillman, J. Sullivan, J. Timer, J. Walgenbach, N. Wiman, and T. Leskey. 2017. Phenology of the Brown Marmorated Stink Bug Described Using Female Reproductive Development. *Ecology and Evolution*. Doi: 10.1002/ece3.3125
19. Rice, K.B., R.B. Bedoukian, **G.C. Hamilton**, P. Jentsch, A. Khramian, P. MacLean, W.R. Morrison, B.D. Short, P. Shrewsbury, D.C. Weber, N. Wiman, and T.C. Leskey. 2017. Enhanced response of *Halyomorpha*

- halys* (Stål) (Hemiptera: Pentatomidae) to its aggregation pheromone with ethyl decatrieonate. Journal of Economic Entomology <https://doi.org/10.1093/jee/tox316>
20. Weidner*, L., J. Tomberlin, D. Gemmellaro* and **G.C. Hamilton**. 2017. Evaluation of bait traps as a means to predict initial blow fly (Diptera: Calliphoridae) communities associated with decomposing swine remains in New Jersey, USA. Forensic Science International 278: 95-100.
 21. Hahn*, N.G., M.C. Hwang, and **G.C. Hamilton**. 2017. Circuitry and coding used in a flight mill system for the study of flight performance of *Halyomorpha halys*. Florida Entomologist 100: 195-198.
 22. Hahn*, N.G., C. Rodriguez-Saona and **G.C. Hamilton**. 2017. Characterizing the Spatial Distribution of Brown Marmorated Stink Bug, *Halyomorpha halys* Stål (Hemiptera: Pentatomidae), Populations in Peach Orchards. PLoS ONE. <http://dx.doi.org/10.1371/journal.pone.0170889>
 23. Maslo, B., R. Valentin, K. Leu, K. Kerwin, **G.C. Hamilton**, A. Bevan, N.F. Fefferman and D.M. Fonseca. 2017. Chirosurveillance: The use of native bats to detect invasive agricultural pests. PLoS ONE 12:1-10. e017332. doi.org/10.1371/journal.pone.0173321
 24. Rodriguez-Mozo*, L., S. McKamey, J.L. Ware and **G. Hamilton**. 2017. Two new species of Darnini (Hemiptera: Membracidae) from Colombia and Peru. ZooTaxa 4281: 108-114.
 25. Fraga*, D.F., J. Parker, A.C. Busoli, **G.C. Hamilton**, A.L. Nielsen, and C. Rodriguez-Saona. 2016. Behavioral responses of the predaceous minute pirate bug (Hemiptera: Anthocoridae) to tridecane, a volatile emitted by the brown marmorated stink bug. Journal of Pest Science. 12 pp. DOI 10.1007/s10340-016-0825-9
 26. Rosen*, S., J. Cambridge* and **G.C. Hamilton**. 2016. Regular Rearing Protocol and Density Trials of the Brown Marmorated Stink Bug (Hemiptera: Pentatomidae) in a Laboratory Setting. Florida Entomologist 99: 808-810.
 27. Hahn*, N.G., A.J. Kaufman, C. Rodriguez-Saona, A.L. Nielsen, J. LaForest and **G.C. Hamilton**. 2016. Exploring the spread of brown marmorated stink bug in New Jersey through the use of crowdsourced reports. American Entomologist 62:36-45.
 28. Philips, C.R., T.P. Kuhar, G.P. Dively, **G. Hamilton**, J. Whalen, and K. Kamminga, 2016. Seasonal abundance and phenology of the brown marmorated stink bug, *Halyomorpha halys* (Stål) on different pepper cultivars in the mid-Atlantic (US). Journal of Economic Entomology 9 pp. doi: 10.1093/jee/tow256.
 29. Weidner*, L.M., M. Monzon and **G.C. Hamilton**. 2016. Death eaters respond to the dark mark of decomposition by day and night: observations of initial insect activity on pig carcasses. International Journal of Legal Medicine. DOI 10.1007/s00414-016-1371-y
 30. Cambridge* J., A. Payenski* and **G.C. Hamilton**. 2015. The Distribution of Overwintering Brown Marmorated Stink Bugs (Hemiptera: Pentatomidae) in College Dormitories. Florida Entomologist, 98: 1257-1259.
 31. Weidner*, L.M., D.E. Jennings, J.K. Tomberlin, and **G.C. Hamilton**. 2015. Seasonal and Geographic Variation in Biodiversity of Forensically Important Blow Flies (Diptera: Calliphoridae) in New Jersey, USA. J. Medical Entomology 52: 1-10. DOI: 10.1093/jme/tjv104.
 32. Leskey, T.C., J.A. Agnello, C. Bergh, G.P. Dively, **G.C. Hamilton**, P. Jentsch, A. Khimian, G. Krawczyk, T.P. Kuhar, D-H. Lee, W.R. Morrison III, D.F. Polk, C.Rodriguez-Saona, P.W. Shearer, B.D. Short, P.M. Shrewsbury, J.F. Walgenbach, C. Welty, J. Whalen, D.C. Weber and N. Wiman. 2015. Attraction of the invasive *Halyomorpha halys* Stål (Hemiptera: Pentatomidae) to traps baited with pheromonal and kairomonal stimuli across the United States. Economic Entomology: 1-11. DOI: 10.1093/ee/nvv049
 33. Bartlett-Healy, K., **G.C. Hamilton**, T. Crepeau, S. Healy, I. Unlu, A. Farajollahi, and D. Fonseca. 2014. Integrating the Public in Mosquito Management: Active Education by Community Peers Can Lead to Significant Reduction in Peridomestic Container Mosquito Habitats. PLoS ONE 9(9): e108504. doi:10.1371/journal.pone.0108504
 34. CABI, 2014. *Halyomorpha halys* (brown marmorated stink bug [original text by Leskey TC, **GC Hamilton**, D Biddinger, ML Buffington, C Dieckhoff, GP Dively, H Fraser, T Garipey, C Hedstrom, DA Herbert, KA Hoelmer, CRR Hooks, D Inkley, G Krawczyk, TP Kuhar, DH Lee, AL Nielsen, DG Pfeiffer, C Rodriguez-Saona, PW. Shearer, E Talamas, E Tomasino, J Tooker, PD Venugopal, J Whalen, V Walton, N Wiman] In: Invasive Species Compendium. Wallingford, UK: CAB International. www.cabi.org/isc.
 35. Rice, K.B., C.J. Bergh, E.J. Bergmann, D.J. Biddinger, C. Dieckhoff, G. Dively, H. Fraser, T. Garipey, **G. Hamilton**, T. Haye, A. Herbert, K. Hoelmer, C.R. Hooks, A. Jones, G. Krawczyk, T. Kuhar, H. Martinson, W. Mitchell, A.L. Nielsen, D.G. Pfeiffer, M.J. Raupp, C. Rodriguez-Saona, P. Shearer, P. Shrewsbury, P.D.

- Venugopal, J. Whalen, N.G. Wiman, T.C. Leskey, and J.F. Tooker. 2014. Biology, Ecology, and Management of Brown Marmorated Stink Bug (Hemiptera: Pentatomidae). *J. Integ. Pest Mngmt.* 5(3): 1-13; DOI: <http://dx.doi.org/10.1603/IPM14002>
36. Wallner AM, **Hamilton GC**, Nielsen AL, Hahn* N, Green EJ, Roriguez-Saona C. 2014. Landscape Factors Facilitating the Invasive Dynamics and Distribution of the Brown Marmorated Stink Bug, *Halyomorpha halys* (Hemiptera: Pentatomidae), after Arrival in the United States. *PLoS ONE* 9(5): e95691. doi:10.1371/journal.pone.0095691.
 37. Weidner*, L.M., J.K. Tomberlin and **G.C. Hamilton**. 2014. Development of *Lucilia coeruleiviridis* (Diptera: Calliphoridae) in New Jersey, USA. *Florida Entomologist* 97: 849-851.
 38. Williams GM, Faraji A, Unlu I, Healy SP, Farooq M, R. Gaugler, **G. Hamilton**, and D.M. Fonseca. 2014. Area-Wide Ground Applications of *Bacillus thuringiensis* var. *israelensis* for the Control of *Aedes albopictus* in Residential Neighborhoods: From Optimization to Operation. *PLoS ONE* 9(10): e110035. doi:10.1371/journal.pone.0110035
 39. Fonseca, D., I. Unlu, T. Crepeau, A. Farajollahi, S. Healy, K. Bartlett-Healy*, D. Strickman, R. Gaugler, **G. Hamilton**, D. Kline and G.G. Clark. 2013. Area-wide management of *Aedes albopictus*: II. Gauging the efficacy of traditional integrated pest control measures against urban container mosquitoes. *Pest Management Science* 69:1351-1361. [10.1002/ps.3511](https://doi.org/10.1002/ps.3511)
 40. Nielsen, A.L, K. Holmstrom, **G.C. Hamilton**, J. Cambridge and J. Ingerson-Mahar. 2013. Use of black light traps to monitor the abundance and spread of the brown marmorated stink bug. *Journal of Economic Entomology* 106(3): 1495-1502. <https://doi.org/10.1603/EC12472>
 41. Xu, J., D.M. Fonseca, **12**, K.A. Hoelmer, and A.L. Nielsen. 2013. Tracing the origin of US brown marmorated stink bugs, *Halyomorpha halys*. *Biological Invasions*. DOI 10.1007/s10530-013-0510-3
 42. Bickerton*, M. and **G.C. Hamilton**. 2012. Effects of intercropping with flowering plants on predation of *Ostrinia nubilalis* (Lepidoptera: Crambidae) eggs by generalist predators in bell peppers. *Environmental Entomology* 41: 612-620. <https://doi.org/10.1603/EN11249>
 43. Kuhar, T. P., Kamminga, K. L., Whalen, J., Dively, G. P., Brust, G., Hooks, C. R. R., **Hamilton, G.**, and Herbert, D. A. 2012. The pest potential of brown marmorated stink bug on vegetable crops. Online. *Plant Health Progress* doi: 10.1094/PHP-2012-0523-01-BR.
 44. Leskey, T.C., **G.C. Hamilton**, A.L. Nielsen, D.F.Polk, C.Rodriguez-Saona, J.C. Bergh, D.A. Herbert, T.P. Kuhar, D.P., G.P. Dively, R.R.C. Hooks, M.J. Raupp, P.M. Shrewsbury, G. Krawczyk, P.W. Shearer, J. Whalen, C. Koplinka-Loehr, E. Myers, D. Inkley, K.A. Hoelmer, D. Lee, and S.E. Wright. 2012. Pest Status of the Brown Marmorated Stink Bug in the USA. *Outlooks on Pest Management* 23: 218-226. <https://doi.org/10.1564/23oct07>
 45. Zhang*, J., J. Lashomb, A. Gould, and **G. Hamilton**. 2011. Relationship between Cicadomorpha Insect Populations and Bacterial Leaf Scorch of Oak in Central New Jersey. *Environmental Entomology* 40: 1131-1143. <https://doi.org/10.1603/EN10083>
 46. Nielsen*, A.L., **G.C. Hamilton** and P.W. Shearer. 2011. Seasonal phenology and monitoring of the non-native *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae) in soybean. *Environmental Entomology* 40: 231-238. DOI: [10.1603/EN10187](https://doi.org/10.1603/EN10187)
 47. Gouli, V., S. Gouli, M. Skinner, **G. Hamilton**, J.S. Kim and B.L. Parker. 2011. Virulence of Select Entomopathogenic Fungi to the Brown Marmorated Stink Bug, *Halyomorpha halys* (Stål), (Heteroptera: Pentatomidae). *Pest Management Science*. DOI10.1002/ps.2310
 48. Bartlett-Healy*, K., S. Healy and **G.C. Hamilton**. 2011. A model to predict evaporation rates in containers most used by *Aedes albopictus* and *Aedes japonicas*. *J. Medical Entomology* 48:712-716. [10.1603/me10168](https://doi.org/10.1603/me10168)
 49. Bartlett-Healy*, K., **G. Hamilton**, S. Healy, T. Crepeau, I. Unlu, A. Farajollahi, D. Fonseca, R. Gaugler, G. Clark, and D. Strickman. 2011. Source Reduction Behavior as an Independent Measurement of the Impact of a Public Health Education Campaign in an Integrated Vector Management Program for the Asian Tiger Mosquito. *International J. of Environmental Research and Public Health* 8:1358-1367. [10.3390/ijerph8051358](https://doi.org/10.3390/ijerph8051358)
 50. Nielsen*, A.L. and **G.C. Hamilton**. 2009. Life-History of the Invasive Species *Halyomorpha halys* (Hemiptera: Pentatomidae) in the Northeastern United States. *Annals of the Entomological Society of America* 102: 608-616. <https://doi.org/10.1603/008.102.0405>
 51. Nielsen*, A.L., and **G.C. Hamilton**. 2009. Seasonal Occurrence and Impact of *Halyomorpha halys* (Hemiptera: Pentatomidae) in tree fruit. *Economic Entomology* 102: 1133-1140. [10.1603/029.102.0335](https://doi.org/10.1603/029.102.0335)

52. Johnson, M.P. and **G.C. Hamilton**. 2009. Invasive Species: Real Threats to the Homeland. *American Entomologist* 55: 14.
53. **Hamilton, G.C.** 2009. Brown Marmorated Stink Bug. *American Entomologist* 55: 19-20.
54. Nielsen*, A.L., P.W. Shearer and **G.C. Hamilton**. 2008. Toxicity of Insecticides to *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae) Using Glass-Vial Assays. *J. Economic Entomology* 101:1439-1442. DOI: [10.1603/0022-0493\(2008\)101\[1439:toithh\]2.0.co;2](https://doi.org/10.1603/0022-0493(2008)101[1439:toithh]2.0.co;2)
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2. **Hamilton, G.C.** [ed.]. 2007. Forest Pest Control – Category 2. 140 pgs.
3. **Hamilton, G.C.** [ed.]. 2005. Turf, Ornamentals and Interior Plantscape Pest Control - Category 3ABC. Revision. 200 pgs.
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Proceedings

1. Lashomb, J., Gould, A. B., and **Hamilton, G.** (eds). 2002. Proceedings of Conference on Bacterial Leaf Scorch, 2001. Rutgers University, Sept. 11-12.
2. Atanassov, A., P. W. Shearer, **G. Hamilton**, & D. Polk. 2001. Reducing OP and carbamate use in NJ peach orchards. 75th Annual Western Orchard Pest & Disease Management Conference. Portland, OR.
3. Atanassov, A., P. W. Shearer, **G. Hamilton**, & D. Polk. 2001. Reduced risk peach arthropod management program. Proc. 76th Cumberland-Shenandoah Fruit Workers Conference. Winchester, VA.
4. **Hamilton, G.C.** 2001. 87th Annual Meeting Proceedings of the New Jersey Mosquito Control Association. [ed.]. 80 pgs. Atlantic City, NJ.
5. **Hamilton, G.**, P. Shearer, D. Polk, R. Meyer and A. Rush. 2001. The impact of two pest management practices on peach pesticide residues. 76th Cumberland-Shenandoah Fruit Workers Conference. Winchester, VA.

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13. Walker, S., **G. Hamilton**, W. Kline, **G. Ghidui**, and K. Holmstrom. 1999. The effect of planting date on insect infestations in bell peppers. *In* 1999 New Jersey Annual Vegetable Meeting Proceedings. pp 62. Atlantic City, NJ.
14. **Hamilton, G.C.** 1998. 84th Annual Meeting Proceedings of the New Jersey Mosquito Control Association. [ed]. 110 pgs. Atlantic City, NJ.
15. **Hamilton, G.C.** 1997. 83rd Annual Meeting Proceedings of the New Jersey Mosquito Control Association. [ed]. 95 pgs. Atlantic City, NJ.
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17. **Hamilton, G.C.** and J.H. Lashomb. 1993. A comparison of the pesticides used in conventional and IPM grown eggplant. *In* Weigmann, D.L. [ed.]. *New Directions in Pesticide Research, Development, Management and Policy*. pgs 590-595. VPI University.
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20. Lewis, J.B., M.G. Robson and **G.C. Hamilton**. 1989. New Jersey pesticide use survey. Pesticides in Terrestrial and Aquatic Environments. VPI University.
21. Springer, J., J.A. Hopfinger, and **G.C. Hamilton**. 1988. Effect of post harvest calcium hypochlorite treatment on peach quality in storage. 1987 Proceedings Southeast Professional Peach Workers Conference, 1987. Clemson University.
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Symposia Organized

1. Wiman, N.G., K. Rice, T.C. Leskey and **G.C. Hamilton**. 2015. Brown Marmorated Stink Bug Working Group: Synergizing IPM Research to Deliver Solutions. Annual Meeting of the Entomological Society of America. Minneapolis, MN.
2. Hollingsworth, R.G. and **G.C. Hamilton**. 2001. Quarantine Law and Practice: How Effectively Is American Agriculture Being Protected? Annual Meeting of the Entomological Society of America. San Diego, CA.
3. **Hamilton, G.C.** and J.J Jenkins. 1989. New Perspectives on Pesticides and Food Safety. 61st Annual Meeting Entomological Society America - Eastern Branch. Baltimore, MD.

Invited Presentations

1. Fraga, D., C. Rodriguea-Saona, **G.C. Hamilton**, A. Nielsen and A.C. Busoli. 2015. O papel de voláteis de *Halyomorpha halys* na capacidade de localização e predação de ovos de *Orius insidiosus*. Brazilian Entomological Society Biological Control Symposium
2. **Hamilton, G.C.** 2006. Brown Marmorated Stink Bug: Nuisance or Potential Pest. Eastern Branch – Entomological Society of America Annual Meeting. Charlottesville, VA.
3. **Hamilton, G.C.** 2005. Educating Children and Youth Using Extension. Eastern Branch – Entomological Society of America Annual Meeting. Harrisburg, PA.
4. **Hamilton, G.C.** 2005. Invasive species – New Threats to Urban Landscapes. PA Nursery and Landscape Association Annual Meeting. State College, PA.
5. **Hamilton, G.C.** 2002. Pesticide Applicator Training in New Jersey. Congressional Briefing. Agriculture Committee – United States House of Representatives. Washington, DC
6. **Hamilton, G.C.** 2002. Pesticide Applicator Training in New Jersey. Program Briefing. United State Department of Agriculture. Washington, DC
7. **Hamilton, G.C.** 2002. Pesticide Applicator Training in New Jersey. Program Briefing. Office of Pesticide Programs, EPA. Washington, DC
8. Lashomb, J. and **G.C. Hamilton**. 2002. Video Production Techniques for Teaching and Extension Delivery. Symposium – Distributed Education and Technology. Annual Meeting of the Entomological Society of America - Eastern Branch. Ocean City, MD.
9. **Hamilton, G.C.** 2000. Eggplant Pest Control in the U.S. Seminar Series - Office of Pesticide Programs, EPA. Washington, DC.
10. **Hamilton, G.C.** 1999. Coping With the Reality of Specialty Categories: Lumpers vs. Splitters. National Pesticide Applicator Certification and Training Workshop. Portland, ME.
11. Shrewsbury, P, J. Lashomb, **G. Hamilton**, and R. Casagrande. 1999. Influence of Flowering Plants on Natural Enemy and Azalea Lace Bug Populations. Annual Meeting of the Entomological Society of America. Atlanta, GA.
12. **Hamilton, G.C.** 1998. Pesticide Record Keeping by Computer. Agricultural Computing and Electronics Expo. Lancaster, PA.
13. **Hamilton, G.C.** 1998. Eggplant IPM in New Jersey. Symposium - Vegetable Integrated Pest Management: Now and In the Future. 69th Annual Meeting of the Entomological Society of America - Eastern Branch. Cherry Hill, NJ.
14. **Hamilton, G.C.** 1998. Registering Insecticides on Minor Use Crops Within the FQPA Framework. Symposium - Ramifications of the Food Quality Protection Act. 69th Annual Meeting of the Entomological Society of America - Eastern Branch. Cherry Hill, NJ.
15. **Hamilton, G.C.** 1997. An Overview of the Pesticide Education Program at Rutgers University. North Carolina State Department of Entomology Fall Seminar Series. Raleigh, NC.
16. **Hamilton, G.C.**, R. Chianese, and M. Mayer. 1997. A Comparison of a Biological Control Intensive (BCI) IPM Program in Eggplant with Traditional Techniques. Symposium - Assessing the Impacts of IPM Programs - Economic, Environmental, Social, Marketing. 68th Annual Meeting of the Entomological Society of America - Eastern Branch. Burlington, VT.
17. **Hamilton, G.C.** 1996. Development and Usage of Sequential Sampling in an Eggplant BCIPM Program. Symposium - An International Perspective of IPM in *Solanum melongena*. XX International Congress of Entomology. Florence, Italy.
18. Patt, J.M., J.H. Lashomb, and **G.C. Hamilton**. 1996. Interplanting with Selected Flowers to Enhance Parasitoid & Predator Abundance. Symposium - An International Perspective of IPM in *Solanum melongena*. XX International Congress of Entomology. Florence, Italy.
19. **Hamilton, G.C.** 1994. Spreadsheet Applications for Office Management and Administration: Demonstration Program - Excel. 1994 New Jersey Mosquito Control Association Annual Meeting. Atlantic City, NJ.
20. **Hamilton, G.C.** 1994. Problems Associated with Mixing & Loading of Aerial Application Equipment. 1994 Northeast Aerial Applicators Association Annual Meeting & Educational Conference. Harrisburg, PA.
21. **Hamilton, G.C.** 1993. EPA Pesticide Safety Regulations. 1993 Annual Gypsy Moth Revue - National Gypsy Moth Management Board. Harrisburg, PA.
22. **Hamilton, G.C.** 1990. How Pesticide Records are Collected in New Jersey. 1990 NE NAPIAP Conference. Portsmouth, NH.
23. **Hamilton, G.C.** 1989. Implementing the New SARA Title III Law in New Jersey. 1989 NE Pesticide Applicators Training Conference. Boston, MA.

24. **Hamilton, G.C.** 1989. How to Respond to the Concerned Citizen. American Registry of Professional Entomologists Symposia, 61st Annual Meeting Entomological Society America - Eastern Branch. Baltimore, MD.

Conference Presentations

1. Wooby, J., Y. Ben-Zvi, G. Hamilton, & C. Hawkings. 2022. Physiological and behavioral mechanisms of age-based host selection in *Halyomorpha halys* (Hemiptera: Pentatomidae). Entomological Society of America - Eastern Branch Annual Meeting. Vancouver, BC.
2. Wooby, J., Y. Ben-Zvi, G. Hamilton, & C. Hawkings. 2022. Physiological and behavioral mechanisms of age-based host selection in *Halyomorpha halys* (Hemiptera: Pentatomidae). Entomological Society of America - Eastern Branch Annual Meeting. Philadelphia, PA.
3. Monzon, M., L. Weidner, S. Nehrozoglu, and G.C. Hamilton. 2021. Incubator high temperature biology of two adult blow flies including egg hatch under 12 hours. Annual NEFS Graduate Student Conference. Virtual.
4. Ben-Zvi, Y., C. Hawkings, and G.C. Hamilton. 2021. Influence of common plant volatile, decanal, on host location in the parasitic wasp *Trissolcus japonicus* (Hymenoptera: Scelionidae). Annual Meeting of the Entomological Society of America – Eastern Branch. Virtual.
5. Monzon, M., G.C. Hamilton, and L. Weidner. 2021. High temperature mortality and survivorship of two forensically important blow flies from New Jersey under laboratory conditions. Annual Meeting of the Entomological Society of America – Eastern Branch. Virtual.
6. Kreitman, D., M.A. Kenna, A.L. Nielsen and G.C. Hamilton. 2020. The effect of host plant on *Lycorma delicatula* nymphal development. Annual Meeting of the Entomological Society of America. Virtual.
7. Hamilton, G.C. and P. Girod. 2020. *Halyomorpha halys* in New Jersey: The more we know, the more we know we don't know?— Monitoring, adventive population of *Trissolcus japonicus* and biological control. Annual Meeting of the Entomological Society of America. Virtual.
8. Monzon, M., G.C. Hamilton, and L.M. Weidner. 2020. High temperature thermal biology of the central New Jersey population of *Phormia regina* under laboratory conditions. Annual Meeting of the Entomological Society of America. Virtual.
9. Girod, P. and G.C. Hamilton. 2019. *Halyomorpha halys* and *Trissolcus japonicus* in New Jersey - What's next? Annual Meeting of the Entomological Society of America. St. Louis, Mo.
10. Hamilton, G.C. 2018. Entomology for anglers: Bringing fly fishing to college students. Annual Meeting of the Entomological Society of America. Vancouver, B.C.
9. Gemmellaro, M.D. and **G.C. Hamilton**, Rutgers. 2018. First record of *Cochliomyia macellaria* (Fabricus) (Diptera: Calliphoridae) and a new forensic Stratiomyidae species in Northern New Jersey. Annual Meeting of the Entomological Society of America – Eastern Branch. Annapolis, MD.
10. Gemmellaro, D. and **G.C. Hamilton**. 2017. Food preferences of *Calliphora vicina* among human and non-human trophic substrates. Entomological Society of America Annual Meeting. Denver, CO.
11. Kaser, J., A.L. Nielsen and **G.C. Hamilton**. 2017. Pentatomid diversity in mid-Atlantic blacklight traps post-*Halyomorpha halys* invasion. Entomological Society of America Annual Meeting. Denver, CO.
12. Valentin, R., J. Lockwood, A. Nielsen, **G.C. Hamilton**, T.C. Leskey and D. Fonseca. 2017. Utility of eDNA based surveillance of invasives in terrestrial systems. Entomological Society of America Annual Meeting. Denver, CO.
5. Blaauw, B., C. Rodriguez, **G.C. Hamilton** and A. Nielsen. 2016. When stink bugs react: Host stimuli and the brown marmorated stink bug. 2016 International conference of Entomology. Orlando, FL
6. Cambridge, J.M. and **G.C. Hamilton**. 2016. National moth week: A growing global event. 2016 International conference of Entomology. Orlando, FL.
7. Condon, G. and **G.C. Hamilton**. Habitat modification for *Ostrinia nubilalis* in North America. 2016 International conference of Entomology. Orlando, FL
8. **Hamilton, G.C.** 2016. Introduction and spread of BMSB in North America. 2016 International conference of Entomology. Orlando, FL.
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69. Lashomb, J.H., S. Johnston, and **G.C. Hamilton**. 1989. Eggplant: A model system for integrating biological control of Colorado potato beetle and *Verticillium* wilt. \$25,000.00. USDA LISA.
70. Swift, F.C., **G.C. Hamilton**, and D. Polk. 1987-89. Monitoring for resistance of European red mites to acaricides. \$12,514.00. USDA CSRS.

External Non-Competitive Grants Funded

1. **Hamilton, G.C.** and P. Hastings. 2020. Pesticide Safety Education Program Support. \$75,000. New Jersey Department of Environmental Protection.
2. **Hamilton, G.C.** and P. Hastings. 2019. Pesticide Safety Education in New Jersey. \$19,375.00. eXtension Foundation.
3. **Hamilton, G.C.** and P. Hastings. 2018. Pesticide Safety Education Program Support. \$50,000. New Jersey Department of Environmental Protection.
4. **Hamilton, G.C.** and P. Hastings. 2018. Pesticide Safety Education in New Jersey. \$23,224.00. eXtension Foundation.
5. **Hamilton, G.C.** and P. Hastings. 2018. Pesticide Safety Education Program Support. \$30,000. New Jersey Department of Environmental Protection.
6. **Hamilton, G.C.** and P. Hastings. 2017. Conducting WPS training for New Jersey Farmers. \$25,000.00. NJ Dept. of Environmental Protection.
7. **Hamilton, G.C.** 2002. Nursery/greenhouse crop IPM expansion. \$100,000.00. NJ Dept. of Agriculture Block Grant.
8. **Hamilton, G.C.**, J. Mahar, K. Holmstrom, S. Walker, M. Infante-Casella, R. Samulis and S. Johnston 2001. EPA Demonstration and evaluation of integrated crop scouting on pumpkins in southern New Jersey. \$39,999.00. EPA Food Quality Protection Act Initiative.
9. **Hamilton, G.C.**, J. Ingerson-Mahar, and P. Hastings 1999. Development of crop profiles for apples, peppers and eggplant. USDA NAPIAP Special Grant. \$4,000.00. USDA NAPIAP Special Grant.
10. **Hamilton, G.C.** 1998. Development of crop profiles for high bush blueberry, cranberry, tomato and lettuce. \$5,000.00. USDA NAPIAP Special Grant.
11. **Hamilton, G.C.** and M.G. Robson 1998. Agricultural pesticide training video. \$42,216.00. USDA PAT Special Projects.
12. **Hamilton, G.C.** 1996-99. Improved program support for pesticide impact assessment activities in New Jersey. \$119,852.00. USDA NAPIAP.
13. **Hamilton, G.C.** 1995. Assessing the agricultural use of pesticides in New Jersey during 1994. \$6,252.00. USDA CSRS.
14. **Hamilton, G.C.** 1995. The importance of pesticide and other pest management practices in U.S. tomato production. \$8,000.00. University of California Research Agreement K941575.
15. **Hamilton, G.C.** 1994. Assessing the use of pesticides in New Jersey's eggplant IPM program during 1994. \$6,252.00. USDA CSRS.
16. **Hamilton, G.C.** 1993. Assessing the use of pesticides in New Jersey's eggplant IPM program during 1993. \$6,252.00. USDA CSRS.
17. **Hamilton, G.C.**, and Z. Helsel. 1992. Pesticide reduction and pollution prevention through a supported integrated crop management program for New Jersey. \$272,000.00. NJ DEP.
18. **Hamilton, G.C.**, and R. Meyer. 1992. Assessing the use of agricultural pesticides in New Jersey during 1991. \$6,252.00. USDA CSRS.
19. **Hamilton, G.C.**, and M.G. Robson. 1992. Assessment of regulatory market and financial obstacles to integrated pest management in New Jersey. \$7,500.00. NJ DEP.
20. **Hamilton, G.C.**, and R. Meyer. 1991. Assessing the use of commercial pesticides in New Jersey during 1990. \$6,252.00. USDA CSRS.
21. Heckman, J.R., T.B. Shelton, J.T., Ponessa, and **G.C. Hamilton**. 1991. New Jersey comprehensive water quality plan. \$45,000.00. USDA Special Projects.
22. **Hamilton, G.C.**, and R. Meyer. 1990. Assessing the use of agricultural pesticides in New Jersey during 1988 and 1989. \$6,252.00. USDA CSRS.
23. **Hamilton, G.C.** 1987-2001. Pesticide applicator training grant. \$346,000.00. USDA ES.
24. **Hamilton, G.C.** 1987-1995. Pesticide impact assessment grant. \$190,000.00. USDA ES.

Internal Competitive Grants Funded

1. **Hamilton, G.C.** 2002. Detection of a newly introduced insect pest in New Jersey. \$4,500.00. NJAES Rapid Response Grant.
2. **Hamilton, G.C.**, N. Polanin and W. Hlubik. 2002. Internet technologies for pesticide safety education. \$5,000.00. RCE Innovative Technologies Grant.
3. **Hamilton, G.C.** 2002. Internet technologies for pesticide safety education. \$1,000.00. NE Pesticide Applicator Training Grant.
4. **Hamilton, G.C.** 2001. The development of an IPM program for nurseries in southern and central New Jersey. \$4,100.00. NJAES PEG.
5. Shearer, P., **G.C. Hamilton** and W. Tietjen 1998. Tree fruit arthropod phenology model - validation and implementation. \$37,289. NJAES SARE.
6. Lashomb, J.H., **G. Ghidiu, G.C. Hamilton, G. Jelenkovic,** and S. Johnston. 1994. Managing two important pests in eggplant: Colorado potato beetle and verticillium wilt via biological control and genetic engineering. \$18,000.00. NJAES ICM Initiative Grants.
7. Polk, D., **G.C. Hamilton,** B. Majek, J. Frecon, and C. Silcox. 1994. Ecological approaches and multiple control strategies for the peach insect pest complex. \$9,250.00. NJAES ICM Initiative Grants.
8. Rabin, J., R. Van Vranken, P. Nitzsche, and **G.C. Hamilton.** 1994. Establish NJAES/RCE office of crop management communications. \$30,000.00. NJAES ICM Initiative Grants.
9. Lashomb, J.H., **G.C. Hamilton,** and S.A. Johnston. 1993. Expansion of BCIPM of eggplant for insects to include protection from *Verticillium dahliae*. \$10,000.00. Rutgers ICM Initiative.

Internal Non-Competitive Grants Funded

1. Holmstrom, K.E., M. Hughes, **G.C. Hamilton,** D. Robinson, E. Green and W. Strawderman. 2002. Statistical modeling of European corn borer and weather data. 2002. \$47,394.00. NJ AES PEG.
2. **Hamilton, G.C.** 2001. Biological studies of two parasitoids of the euonymus scale, *Unapis diaspidicola*. \$1,250. (Non-Competitive). NJ Hatch Project.
3. Lashomb, J. and **G.C. Hamilton.** 2000. \$1,500. Development of a video on beneficial insects attracted to perennials. NJ SARE.
4. **Hamilton, G.C.** 1989. Mapping the use of agricultural pesticides in New Jersey. \$2,000.00. RCE.

VI. TEACHING

Undergraduate/Graduate Instruction

1. Pesticide Impacts on Human and Environmental Health. 2010 - 2016. Entomology 370:439. Fall Semester. 3 Credit. Average Enrollment: 20 Students.
2. Integrated Pest Management. 2010-2016. Entomology 370:506. Spring Semester. Average Enrollment: 5 Students.
3. Entomology for anglers. 1998 - 2016. Entomology 370:256. Spring Semester. 1 Credit. Average Enrollment: 10 Students.
4. Agricultural entomology and pest management. 1991-2016. Entomology 370:350. Spring Semester. 3 Credits. Average Enrollment: 30 Students.
5. How pesticides are regulated. 1991-1996. Lecture. Entomology 370:309, "Forest and Shade Tree Entomology." Fall Semester. 1 Credit. 15 Students.
6. How pesticides are regulated. 1992, 1994. Lecture. Entomology 370:506, "Insect Pest Management". Spring Semester. 3 Credits. Average Enrollment: 5 Students.
7. Insecticide Classification and Use. 1990. Lecture. Entomology 370:309, "Forest & Shade Tree Entomology." Fall Semester. 1 Credit.
8. Population Dynamics and Regulation. 1990. Lecture. Entomology 370:525, "Insect Ecology." Spring Semester. 3 Credits.
9. The Legal Aspects of Using Pesticides. 1988, 1989, 1990. Lecture. Entomology 370:350, "Agricultural Pest Management." Fall Semester. 3 Credits.
10. Control Methods - Insecticides. 1987, 1988, 1989. Lecture. Entomology 370:202, "Insects and Man." Spring Semester. 3 Credits.

11. Natural Control. 1988. Lecture. Entomology 370:525, "Insect Ecology." Spring Semester. 3 Credits.
12. Silent Spring - Where We've Been and How Far We've Come. 1987. Lecture. "Issues in Agriculture and Environmental Science." Spring Semester. 3 Credits.

Graduate Students Advised

- 2016 - Present William Reichert. Ph. D. Student. Department of Plant Science. Degree Completion Ongoing. Dissertation: Genetic improvement of catnip for use in repelling insect pests. Member of Dissertation Committee.
- 2016 - Present Denise Gemmalloro. Ph. D. Student. Department of Entomology. Degree Completion Ongoing. Dissertation: Studies on the impact of ecotype and altitude on blow fly diversity. Primary advisor.
- 2015 - Present George Condon. Ph. D. Student. Department of Entomology. Degree Completion Ongoing. Dissertation: The role of spatial design of companion flower planting on the management of European corn borer in peppers. Primary advisor.
- 2011 - 2016 Noel Hahn. Ph. D. Student. Department of Entomology. Degree Completed Expected 10/2016. Dissertation: Studies on the spatial movement of the brown marmorated stink bug, *Halyomorpha halys*. Primary advisor.
- 2011 - 2016 John Cambridge. Ph. D. Student. Department of Entomology. Degree Completed 10/2016. Dissertation: Behavioral Patterns of the Brown Marmorated Stink Bug and the Implications for Monitoring Programs. Primary advisor.
- 2011 - 2015 Lauren Weidner. Ph. D. Student. Department of Entomology. Degree Completed 10/2015. Dissertation: Biology and Ecology of Forensically Important Blow Flies (Diptera: Calliphoridae) in New Jersey With a Focus on the Black Blowfly *Phormia regina*. Primary advisor.
- 2008 – 2011 Matthew Bickerton. Masters Student. Department of Entomology. Degree Completed 7/2011. Thesis: Intercropping for Conservation Biological Control of European Corn Borer in Bell Peppers. Primary Advisor.
- 2003 - 2008 Anne Nielsen. Ph.D. Student. Department of Entomology. Degree Completed 10/08. Dissertation: Studies on the biology and control of the brown marmorated stink bug, *Halyomorpha halys*. Primary advisor.
- 2002 – 2003 Peter Gregory, MPH student. Department of Public Health, UM DMJ. Degree Completed 12/03. Thesis: Evaluation of the potential agricultural bioterrorism threats at the Port of Elizabeth, NJ.
- 2000 – 2003 Jae H. Kwak, Ph.D. student. Department of Food Science. Degree Conferred 5/03. Dissertation: Comparison of pesticide residues in organic and conventional foods. Member of Dissertation Committee.
- 2000 - 2002 Jong Hong. Ph.D. Student. Department of Entomology. Degree Conferred 12/02. Thesis: Gender and Organophosphate Toxicity in Oriental Fruit Moth, *Grapholita molesta* (Busck) (Lepidoptera: Tortricidae). Member of Dissertation Committee.
- 1999 - 2003 Jamey Scott. Ph.D. Student. Department of Entomology. Degree Conferred 5/03. Dissertation: Biology and habits of *Aedes japonicus* in New Jersey. Member of Dissertation Committee.
- 1999 - 2003 Deepak Matadha. Ph.D. student. Department of Entomology. Degree Conferred 5/03. Dissertation: Biological Studies of *Aphytis* Sp. And *Encarsia* sp. Nr. *Diaspidicola* (Aphelinidae: Hymenoptera, parasitoids of euonymus scale. Primary advisor.

- 1999 – 2000 Tadgh Rainey. Masters Student. Department of Entomology. Degree conferred 10/00. Thesis: Emergence patterns of *Culiseta melanura* (Coquillett) (Diptera:Culicidae) in New Jersey and the impact on EEEV Amplification. Member of Thesis Committee.
- 1999 June Zang, Ph.D. student. Department of Food Science. Degree conferred 5/99. Dissertation: Analysis and photochemistry of organic pesticides used by organic farmers. Member of Dissertation Committee.
- 1998 - 2002 Peter Bozak. Ph.D. student. Department of Entomology. Degree conferred 5/02. Dissertation: Behavior and Morphological Aspects of the Cattail Mosquito, *Coqueillettidia perturbans* (Walker) in Relation to Eastern Equine Encephalomyelitis Virus in New Jersey. Member of Dissertation Committee.
- 1994 - 1999 Kristian Holmstrom. Masters student. Department of Plant Pathology. Degree conferred 5/99. Dissertation: The effect of cruciferous amendments with soil solarization on damping-off fungi in greenhouse media. Member of Thesis Committee.
- 1992 - 1996 Michael Olszewski. Masters student. Department of Plant Pathology. Degree completed 5/96. Dissertation: Identification of the possible vectors of *Xylella fastidiosa*, causal agent of oak leaf scorch. Member of Thesis Committee.

Curricula Developed

Pesticides: issues and answers - a curriculum for Cook College freshman. 1993. Lectures for "Perspectives in Agriculture and the Environment." Agriculture. & Environmental. Science 015:101.

Formal Extension Courses/Workshops

1. Pesticide safety for landscape contractors short course. March 28, 2002. Rutgers University.
2. Mosquito control training workshop. March 20, 2001. Rutgers University.
3. Mosquito control training workshop. March 5, 2001. Atlantic City, New Jersey.
4. Pesticide safety for landscape contractors short course. March 1, 2001. Rutgers University.
5. Mosquito control training workshop. March 16, 2000. Atlantic City, New Jersey.
6. Pesticide safety for landscape contractors short course. February 29, 2000. Rutgers University.
7. Mosquito control training workshop. April 4, 1999. Atlantic City, New Jersey.
8. Mosquito control training workshop. March 29, 1999. Rutgers University.
9. Pesticide safety for landscape contractors short course. November 23, 1998. Rutgers University.
10. Mosquito control training workshop. April 14, 1998. Rutgers University.
11. Mosquito control training workshop. April 6, 1998. Atlantic City, New Jersey.
12. Pesticide safety for landscape contractors short course. December 5, 1997. Rutgers University.
13. Mosquito control training workshop. February 27, 1997. Atlantic City, New Jersey.
14. Mosquito control training workshop. February 2, 1997. Rutgers University.
15. Pesticide safety for landscape contractors short course. December 3, 1996. Rutgers University.
16. WPS train the trainer workshop. May 4, 1995. Bergen County Cooperative Extension.
17. WPS train the trainer workshop. April 6, 1995. Hunterdon County Cooperative Extension.
18. WPS train the trainer workshop. March 17, 1995. Burlington County Cooperative Extension.
19. WPS train the trainer workshop. March 16, 1995. Mercer County Cooperative Extension.
20. WPS train the trainer workshop. February 28, 1995. Morris County Cooperative Extension.
21. WPS train the trainer workshop. February 24, 1995. Warren County Cooperative Extension.
22. WPS train the trainer workshop. February 17, 1995. Cumberland County Cooperative Extension.
23. WPS train the trainer workshop. January 26, 1995. Gloucester County Cooperative Extension.
24. Worker protection. January 17, 1995. General Session - 38th Annual New Jersey Vegetable Meeting.
25. WPS worker training session. January 13, 1995. Rutgers Blueberry Cranberry Research and Development Center.
26. Train the trainer certification workshop. December 15, 1994. New Jersey Agribusiness Association 2nd Annual Meeting.

27. Issues in pesticide safety and use. November 29, 1994. Turf Expo '94.
28. In-service on the EPA worker protection standard law. May 25, 1994. Rutgers University.
29. Workshop on the SARA Title III, the OSHA hazard communication standard and the New Jersey right-to-know laws. January 10, 1992. New Jersey Golf Course Superintendents Association.
30. Right-to-know, how to keep in compliance, developing a compliance program. December 2, 1991. Turf Expo '91.
31. Insects and other animals affecting man. October 26 to November 23, 1991. Co-Coordinator with Coby Schal. Cook College Short Course.
32. Core preparatory course. October 22, 1991. Union County Adult Education School.
33. CPA 7D training school. 1991 to 1996. Cook College Short Course. Summer Semester each year.
34. Core preparatory course. May 3, 1990. Salem County Community College.
35. Core preparatory course. April 26, 1990. Brookdale Community College.
36. Core preparatory course. March 13, 1990. Union County Adult Education School.
37. Core preparatory course. November 14, 1989. Union County Adult Education School.
38. Organic farming and pesticides. October 25, 1989. Monmouth Co. Cooperative Extension Office.
39. Pesticide liability. May 3, 1989. 1989 RCE In-Service Training Series.
40. The Safety of our food supply - issues and answers. April 26, 1989. Kings Supermarkets. Wayne & Short Hills, NJ.
41. Food safety and pesticides. April 19, 1989. Gloucester Co. Cooperative Extension Office.
42. Core training session. April 12, 1988. Hunterdon County Library.
43. Core preparatory course. April 6, 1989. Brookdale Community College.
44. Implementing right-to-know on the farm. March 10, 1989. Camden Co. Cooperative Extension Office.
45. Pesticide applicator core/category training and exam. March 17, 1988. Gloucester County Extension Office.
46. Category 10 training - a half day seminar in pesticide recertification. March 2, 1988. Cook College Short Course.
47. Monthly core training course. June 1987 - 1998. Rutgers University.

Television/Radio Programs

1. Groundwater and pesticides. Program aired on May 31, 1990 on WWBZ Radio Station. Pittman, NJ.
2. Safe food - a panel discussion. Program aired on April 30, 1989 as part of the "New Jersey" series shown on Cable Television Network.

Extension Presentations to Agricultural and other Clientele Groups

Since 1987, an average of 39 talks per year, each lasting normally 1 hour or less, were given to approximately 50,000 people per year on a variety of subjects ranging from pesticide safety and regulations to hazards presented by pesticides to pesticide applicators and the general public, etc.

VII.SERVICE

Professional Service

American Association of Pesticide Safety Educators - Charter Member, 1992 to Present.

Journal of the American Association of Pesticide Safety Educators Editorial Board, 2005 to Present

Governing Board Representative - Northeast, 1997 to 2000.

Nominations Committee – 1997, 1999 (Chair).

Program Committee – 2001 to 2002, 1992 to 1996, Chair - 1995/96.

Record Keeping Committee - 1995 (Chair).

Auditing Committee - 1995 to 2000 (Chair).

C & P Press Advisory Panel. 1991.

Biological Control – Article Reviewer, 2005 to Present.

Entomology Society of America - Member, 1979 to Present.

Board of Governors, 2003 to 2009.

Eastern Branch Past President, 2012

Eastern Branch President, 2011

Eastern Branch President Elect, 2010.
Eastern Branch Archivist/Historian, 2003 to Present.
Eastern Branch Treasurer, 2000 to 2003.
Eastern Branch Meeting Registration Committee - 1998 (Chair).
Eastern Branch Annual Program Editor, 1988-1990
Eastern Branch Representative to the national selection committee for the ESA Distinguished Service to the Certification Program Award, 1998 - 1999.
Section E Nominations Committee, 1996 to 1998.
Section E Student Paper Competition Committee, 1997, 1998 (Chair – 1997).

Article Reviewer - Environmental Entomology, Economic Entomology, 1990 to Present.
Environmental Protection Agency Certification and Training Review Committee. 1997 to 2000.
National Pesticide Impact Assessment Program Technical Committee, Northeast Region. 1989 to 1999.
New Jersey Agribusiness Association, 1994 to Present.
President, 1996.
Vice President, 1995.
Secretary, 1994.
Board of Director, 1994 to 2004.
New Jersey Specialist Association, 1986 to Present.
President, 1990.
Vice President, 1989.
Secretary, 1988.
Northeast Pesticide Coordinators Working Group. 1986 to Present.
Mid-Atlantic Certified Pest Advisor Program
Exam Advisory Panel, 1994 to Present.
Pesticide Association of New Jersey, 1986 to 1993.
Secretary, 1987 to 1993.
Awards Committee, 1987 to 1993.
USDA PIA GPRR Reporting Requirements Committee - 1998.
USDA PAT GPRR Reporting Requirements Committee - 1997.
USDA Carbofuran Pesticide Benefits Assessment Team. 1989.
USDA Diazinon Pesticide Benefits Assessment Team. 1991 to 1994. (Chair).
USDA Leafy Vegetables Pesticide Benefits Assessment Team. 1992 to 1994. (Co-Chair).
USDA Tomato Pesticide Benefits Assessment Team. 1994 to 1999. (Chair - Insecticide Section).

University Service

Cook College, Rutgers University.
NJAES Mission and Programs Strategy Team. 2000 to 2003. (Co-Chair).
Building and Grounds Committee. 1994 to 1996.
Dean's Designate, NJ Department of Agriculture Food Safety Committee. 1993 to 2006.
Dean's Designate, New Jersey Governor's Pesticide Advisory Council. 1987 to 2006.
Governor's Task Force on Structural IPM. 1993 to 1994.
Department of Agriculture State Board Committee on Environmental Regulation. 1991 to 2006.
Department of Environmental Protection IPM Task Force. 1998 to 2006.
Interagency Water Quality Group, 1990 to 2006.
Pest Survey Steering Committee, CASP. 1987 to 2006.
Rutgers Pesticide Advisory Committee, 1986 to 2006.
State Liaison, USDA Pesticide Applicator Training Program, 1986 to 2006.
State Liaison, USDA Pesticide Impact Assessment Program, 1986 to 1999.
School of Environmental and Biological Sciences, Rutgers University.
Dean's Designate, NJ Department of Agriculture Food Safety Committee. 2006 to Present.
Dean's Designate, New Jersey Governor's Pesticide Advisory Council. 2006 to Present.
Department of Agriculture State Board Committee on Environmental Regulation. 2006 to Present.
Department of Environmental Protection IPM Task Force. 2006 to Present.
Pest Survey Steering Committee, CASP. 2006 to Present.

Rules of Procedure Committee, 2007 to Present.
Rutgers Pesticide Advisory Committee, 2006 to Present.
State Liaison, USDA Pesticide Applicator Training Program, 2006 to Present.
Department of Entomology, Rutgers University.
Department Chair. 1998 to 1999, 2007 to Present.
Department Safety Officer. 1987 to Present.
Entomology Ag Day and Visitation Committee, 1986 to 1997 (Chair - 1987, 1990, 1991, 1992, 1995, 1997).
Insect Diagnostic Center Committee. 1997.
Clientele Board Committee. 1997 to 1998.
Department of Extension Specialists, Rutgers University.
Awards Committee, 2001.
Personnel Evaluation Committee, 1999.
Department Secretary. 1994 to 1998.
RCE Directions in Extension Task Force. 1991 to 1992.