

Jennifer A. Henke
Coachella Valley Mosquito and Vector Control District
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PROFESSIONAL EXPERIENCE

- Laboratory Manager, Coachella Valley Mosquito and Vector Control District, Indio Ca, 2016-present
- Environmental Biologist, Coachella Valley Mosquito and Vector Control District, Indio Ca, 2011-2015
- Graduate Student Researcher and Teaching Assistant, University of California, Riverside 2006-2011
- Graduate Student Researcher and Teaching Assistant, University of Georgia 2002-2005
- Undergraduate Research Assistant, University of Alabama 2001-2002
- Intern, Research Genetics, Inc. (acquired by Invitrogen, currently ThermoFisher Scientific) Summers, 1999 and 2000

ACADEMIC RECORD

M.S. Entomology University of Georgia	2005
B. S., Biology University of Alabama	2001

SERVICE EXPERIENCE

Entomological Society of America

Representative to the Governing Board, Pacific Branch 2019-2022

Executive Committee 2021

Diversity and Inclusivity Committee 2020-2021

Finance Committee 2020-2021

Pacific Branch of ESA (President-Elect 2018, President 2019, Past President 2020)

Linnaean Games Committee (now Entomology Games) 2012-2019

American Mosquito Control Association

Science and Technology Committee, Chair 2021; Member 2017-Present

Poster Judging Chair 2018-2020

Mosquito and Vector Control Association of California

Regulatory Affairs Committee Chair 2017-2020; Member 2016-present

Health Careers Connection

Mentor for intern 2016-2020

SELECTED PUBLICATIONS

- Yee, D.A., C. Dean, C. Webb, J. A. Henke, G. Perezchica-Harvey, G.S. White, A. Faraji, J. D. Macaluso, and R. Christofferson. 2021. No evidence that salt water ingestion kills adult mosquitoes (Diptera: Culicidae). *J Medical Ent* 58: 767-772.
- Pless, E., K. A. Hopperstad, N. Ledesma, D. Dixon, J.A. Henke, and J. R. Powell. 2020. Sunshine versus gold: The effect of population age on genetic structure of an invasive mosquito. *Ecology and Evolution*. <https://doi.org/10.1002/ece3.6661>
- Britch, S.C., K.J. Linthicum, D.L. Kline, R.L. Aldridge, F.V. Golden, J. Wittie, J. Henke, K. Hung, A. Gutierrez, M. Snelling and C. Lora. 2020. Transfluthrin spatial repellent on US military materials reduces *Culex tarsalis* incursion in a desert environment. *J Am Mosq Control Assoc* 36: 37-42.
- Oi, D., S. Valles, S. Porter, C. Cavanaugh, G. White, and J. Henke. 2019. Introduction of fire ant biological control agents into the Coachella Valley of California. *The Florida Entomologist* 102: 284-286.
- Popko, D. A., J. A. Henke, B. A. Mullens, and W. E. Walton. 2018. Evaluation of two entomopathogenic fungi for control of *Culex quinquefasciatus* (Diptera: Culicidae) in underground stormdrains in the Coachella Valley, California, United States. *J Medical Ent.* 55: 654-665.
- Olson, B. W., J. A. Henke, J. Buettner, M. C. Ball, C. Reis, and W. E. Walton. 2018. Impact of management practices on mosquito abundance in wetlands managed for wildlife. *Proceedings and Papers MVCAC*
- Golden, F. V., S. C. Britch, R. L. Aldridge, J. Wittie, A. Gutierrez, M. Snelling, J.A. Henke, and K. J. Linthicum. 2018. Ultra-low volume application of spinosad (Natular 2EC) as a residual in a hot-arid environment against *Aedes aegypti*. *J Am Mosq Control Assoc* 34 (1): 63-66.
- Henke, J.A. 2015. Expansion of the range of the red imported fire ant in Coachella Valley. *Proc of the 2015 Imported Fire Ant and Pest Ant Conference*.
- Walton, W. E., J. A. Henke, and A. M. Why. 2012. "*Gambusia affinis* (Baird and Girard) and *Gambusia holbrooki* Girard (Mosquitofish)." Chap. 22. Pp. 261-273. In: Handbook of Global Freshwater Invasive Species. Ed: R. A. Francis. Earthscan, London, U.K...
- Henke, J.A. and W.E. Walton. 2009. Effects of Vegetation on the Efficacy of Larval Mosquito (Diptera: Culicidae) Control by a Native Larvivorous Fish. *Proceedings and Papers of the Seventy-Seventh Annual Conference of the Mosquito and Vector Control Association of California* held January 25-28, 2009. 224-9.
- Walton, W., J. Henke, and D. Popko. 2006. Effects of Vegetation Patch Size and Native Larvivorous Fish on West Nile Vectors Inhabiting Constructed Wetlands. Mosquito Control Research Annual Report. Univ. of Calif., Div. of Agric. & Nat. Resources, Berkeley, CA. pp. 32-35.
- Walton, W., D. A. Popko, A. Van Dam, J. Henke and A. Gordillo. 2005. Effectiveness of the Mosquitofish (*Gambusia affinis*) as a Biological Control Agent for Mosquitoes Inhabiting Constructed Wetlands. Mosquito Control Research Annual Report. Univ. of Calif., Div. of Agric. & Nat. Resources, Berkeley, CA. pp. 20-25.
- Henke, J.A. and D.P. Batzer. Efficacy of four different sampling methods of wetland macroinvertebrates. *Proceedings of the 2005 Georgia Water Resources Conference* held April 25-27, 2005. 845-7.