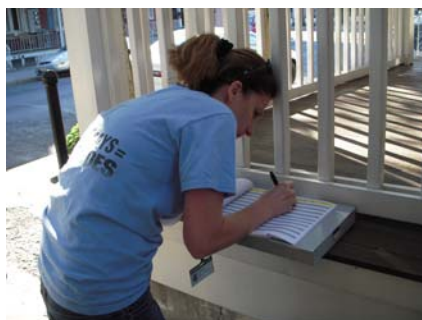


Isik Unlu

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Educational Qualifications:

- Spring 2010- Mosquito Biology, Ecology, Surveillance and Control. The New Jersey Agricultural Experiment Station, Office of Continuing Professional Education.
- August 2003-December 2007 Louisiana State University, Department of Entomology, Medical Entomology, Ph. D.
- 2000-2003 Hacettepe University, Institute of Graduate Studies in Pure and Applied Science, Ecology Section (non-matriculated)
- 17- 31 January 2003 ‘Isolation of DNA from nematodes, amplification of the ribosomal internally transcribed spacer region by PCR, digestion of amplified DNA with restriction enzymes and analysis by RFLP techniques’ Short Course, Institut Für Phytopathologie der Christian- Albrechts- Universität zu Kiel, Germany.
- 1-26 May 2001 ‘Conservation of Biodiversity in Desert Ecosystems’ Summer Course, The Jacob Blaustein Institute for Desert Research Ben Gurion University of the Negev, Sde Boker, Israel. Student Project: ‘Comparison of soil characteristics between crusted outside and subcanopy areas of four dominant shrubs in Negev Highlands’
- 1997-2000 Hacettepe University, Institute of Graduate Studies in Pure and Applied Science, Ecology Section (M.S.).
- 1997 Summer Course: Biology of Mosquitoes and Vector Control Practices
- 1993-1997 Hacettepe University Department of Biology (B.S.)

Professional Experience:

- 21 May 2012 to present Mercer County Mosquito Control. Entomologist.
- August 2010 to May 2012, Rutgers, The State University of New Jersey. Research Associate
- 2008- July 2010 Mercer County Mosquito Control. Entomologist.

- 2003-2007 Louisiana State University Department of Entomology, Baton Rouge, LA. Graduate Assistant.
- 2000-2003 Hacettepe University Department of Biology, Ecology Section, Ankara, Turkey. Research Assistant.
- Teaching assistant: General Biology, Invertebrate Biology, Histology, Entomology, Ecology, and Insects in the Environment laboratories.
- May 2000-July 2000 Ramon Science Center, Mitrani Department of Desert Ecology, Jacob Blaustein Institute for Desert Research, Ben Gurion University of Negev, Israel. Research Assistant.
- Research Project ‘Mechanisms Determining Host Specificity in Two Flea Species on Parasitizing Rock Dwelling Rodents in the Negev Desert’, Prof. Dr. Boris Krasnov, Ramon Science Center, the Blaustein Institute for Desert Research, Ben Gurion University of the Negev, Mizpe Ramon, Israel.

Dissertations:

- Determination of the Bloodmeal Origin of Mosquitoes Collected at Alligator Farms, and West Nile Virus Activity in Mosquitoes Collected from Alligator Farms, Sentinel Chicken Surveillance Sites, and Larval Habitats. Ph.D. 2007.
- Bioecological Studies on Biological Control Agent, Entomopathogen Nematodes *Steinernema feltiae* Filipjev, 1934 (Rhabditida: Steinernematidae), M.Sc. thesis. 2000.

Posters (senior and junior author):

- “Effects of extreme weather on mosquito populations in Mercer County”. 99th Annual meeting of the New Jersey Mosquito Control Association. Atlantic City, New Jersey. 28 March 2012.
- “To kill an Asian tiger mosquito: Using DUET and truck-mounted ULV machines against field populations of *Aedes albopictus*.” 77th Annual Meeting of the American Mosquito Control Association. Anaheim, California. 22 March 2011.
- “Where the tigers at?” 101st New Jersey Mosquito Control Association. Atlantic City, New Jersey. 5 March 2014.
- “The bottled tiger: How to modify a rotating bottle collector for *Aedes albopictus* surveillance” 101st New Jersey Mosquito Control Association. Atlantic City, New Jersey. 5 March 2014.

Oral Presentations: (senior and junior author):

- Bioecological Studies on Biological Control Agent, Entomopathogen Nematodes *Steinernema feltiae* Filipjev, 1934 (Rhabditida: Steinernematidae), XVI. National Biology Congress, 4- 7 September, Malatya Turkey, 2002.
- Laboratory and field testing the efficacy of a monomolecular film and (S)-methoprene in tandem against *Aedes albopictus* immature. 2008. ESA Annual

Meeting, November 16-19, SVPHS1 Ten-Minute Papers, Structural, Veterinary, and Public Health Systems.

- “Area-wide control of the Asian tiger mosquito in NJ: ongoing research and control.” Northeastern Mosquito Control Association 55th Annual Meeting. Sturbridge, Massachusetts. 2 December 2009.
- Efficacy of a monomolecular film and (S)-methoprene against *Aedes albopictus*. American Mosquito Control Association 75th Annual Meeting. New Orleans, Louisiana. 7 April 2009.
- “Suppressing *Aedes albopictus* by a novel combination of a monomolecular film and an insect growth regulator.” Utah Mosquito Abatement Association 62nd Annual Conference. 5 October 2009.
- Use of BG-sentinel traps as a surveillance tool in an area-wide management program for *Aedes albopictus*.” American Mosquito Control Association 75th Annual Meeting. New Orleans, Louisiana. 7 April 2009.

- “Use of BG-sentinel traps for surveillance of *Aedes albopictus* in Mercer and Monmouth counties.” New Jersey Mosquito Control Association 96th Annual Meeting. Atlantic City, New Jersey. 11 March 2009.
- “Overview of the Asian tiger mosquito project.” New Jersey Mosquito Control Association 96th Annual Meeting. Atlantic City, New Jersey. 11 March 2009.
- “Hit ‘em twice: tandem use of insecticides against immature *Aedes albopictus*.” International Symposium on the Asian Tiger Mosquito. New Brunswick, New Jersey. 13 February 2009.
- “Area-wide program for the control of *Aedes albopictus*.” Southeast Regional Public Health Pest and Vector Management Conference 14th Annual Meeting. Florida. 23 February 2010.
- “Area-wide management of the Asian tiger mosquito: control strategies.” ATM National Review Board Meeting. New Brunswick, New Jersey. 11 February 2009.
- Area-wide surveillance and control of *Aedes albopictus*, an effort to find, catch, and tame the tiger. 2010. 76th Annual Meeting. Lexington, Kentucky. 31 March 2010.
- Utilization of artificial and natural container habitats by *Aedes albopictus* in urban, suburban, and rural areas of New Jersey. 76th Annual Meeting. Lexington, Kentucky. 31 March 2010.
- Urban field spray characterization and habitat penetration of DUET™ via truck-mounted ULV equipment against *Aedes albopictus*. 76th Annual Meeting. Lexington, Kentucky. 31 March 2010.
- Container bioassay(s) with Spinosad and *Aedes albopictus* under an operational setting. 76th Annual Meeting. Lexington, Kentucky. 31 March 2010.
- The effects of microclimate on *Aedes albopictus* trap abundance in New Jersey” 76th Annual Meeting. Lexington, Kentucky. 31 March 2010.
- “Area-wide impact of DUET dual-action adulticide against field populations of *Aedes albopictus*.” For Clarke Mosquito Control. Center for Vector Biology, New Brunswick, New Jersey. 30 November 2011.

- “Larval control strategies in the area-wide management of *Aedes albopictus*.” American Mosquito Control Association 77th Annual Meeting. Anaheim, California. 23 March 2011.
- “Nataral and *Aedes albopictus* in container habitat continued: investigation low and mid label range application rates in the field against container breeding mosquitoes.” American Mosquito Control Association 77th Annual Meeting. Anaheim, California. 23 March 2011.
- “The effects of BG-Sentinel trap location in *Aedes albopictus* catch in New Jersey.” American Mosquito Control Association 77th Annual Meeting. Anaheim, California. 23 March 2011.
- “Where does the spray go? Penetration and droplet characterization of an adulticide application using DUET via truck-mounted ULV equipment in an urban environment.” American Mosquito Control Association 77th Annual Meeting. Anaheim, California. 22 March 2011.
- “Area-wide management of *Aedes albopictus*: lessons learned.” American Mosquito Control Association 77th Annual Meeting. Anaheim, California. 22 March 2011.
- “Area-wide management of *Aedes albopictus*: gauging the efficacy of multiple control measures during 2010.” American Mosquito Control Association 77th Annual Meeting. Anaheim, California. 22 March 2011.
- “Where does the spray go? II. Urban penetration and droplet characterization of DUET adulticide via truck-mounted ULV equipment.” New Jersey Mosquito Control Association 98th Annual Meeting. Atlantic City, New Jersey. 11 March 2011.
- “Larval control strategies in the area-wide management of *Aedes albopictus*.” New Jersey Mosquito Control Association 98th Annual Meeting. Atlantic City, New Jersey. 11 March 2011.
- “Area-wide management of *Aedes albopictus*: lessons learned.” New Jersey Mosquito Control Association 98th Annual Meeting. Atlantic City, New Jersey. 10 March 2011.
- “Area-wide management of *Aedes albopictus*: gauging the efficacy of multiple control measures during 2010.” New Jersey Mosquito Control Association 98th Annual Meeting. Atlantic City, New Jersey. 10 March 2011.
- “Nataral G30 efficacy in common artificial larval habitats.” New Jersey Mosquito Control Association 98th Annual Meeting. Atlantic City, New Jersey. 10 March 2011.
- “Tire removal strategies.” New Jersey Mosquito Control Association 98th Annual Meeting. Atlantic City, New Jersey. 10 March 2011.
- “The use of predictive models in an IPM approach to container inhabiting mosquito control.” Northeastern Mosquito Control Association 57th Annual Meeting. Plymouth, Massachusetts. 6 December 2011.
- “Trials and tribulations with DUET ULV adulticide applications against *Aedes albopictus*.” ATM National Review Board Meeting. New Brunswick, New Jersey. 6 January 2011.
- “Area-wide integrated pest management for the Asian tiger mosquito.” Southeast Regional Public Health Pest & Vector Management, Florida A&M University,

College of Engineering Sciences, Technology, and Agriculture. Panama City Beach, Florida. 22 February 2011.

- “Efficacy of area-wide larviciding techniques in urban areas.” Mid-Atlantic Mosquito Control Association 37th Annual Meeting. Gettysburg, Pennsylvania. 21 February 2012.
- “Truck-mounted ultra-low volume success using DUET dual-action adulticide against field populations of *Aedes albopictus*.” Mid-Atlantic Mosquito Control Association 37th Annual Meeting. Gettysburg, Pennsylvania. 21 February 2012. Invited.
- “*Aedes albopictus*: lessons learned (control).” ATM National Review Board Meeting. Center for Vector Biology, New Brunswick, New Jersey. 6 January 2012.
- “Adulticide control progress.” ATM National Review Board Meeting. Center for Vector Biology, New Brunswick, New Jersey. 6 January 2012.
- “Using ArcGIS to identify Asian tiger hot spots.” New Jersey Mosquito Control Association 99th Annual Meeting. Atlantic City, New Jersey. 30 March 2012.
- “The ability of demographic variables to predict the presence of *Aedes albopictus*.” New Jersey Mosquito Control Association 99th Annual Meeting. Atlantic City, New Jersey. 30 March 2012.
- “Current update on *Aedes albopictus* and the Asian tiger mosquito project.” New Jersey Mosquito Control Association 99th Annual Meeting. Atlantic City, New Jersey. 29 March 2012.
- “Surveys of immature stages.” *Aedes albopictus* Symposium. American Mosquito Control Association 78th Annual Meeting. Austin, Texas. 1 March 2012.
- “The pros and cons of egg counts.” *Aedes albopictus* Symposium. American Mosquito Control Association 78th Annual Meeting. Austin, Texas. 1 March 2012.
- “Demographic variables and their predictive ability for assessing presence.” *Aedes albopictus* Symposium. American Mosquito Control Association 78th Annual Meeting. Austin, Texas. 1 March 2012.
- “Efficacy of area-wide larviciding techniques in urban areas.” American Mosquito Control Association 78th Annual Meeting. Austin, Texas. 29 February 2012.
- “Truck-mounted ultra-low volume success using DUET dual-action adulticide against field populations of *Aedes albopictus*.” Mid-Atlantic Mosquito Control Association 37th Annual Meeting. Gettysburg, Pennsylvania. 21 February 2012. Invited.
- “*Aedes albopictus*: lessons learned (control).” ATM National Review Board Meeting. Center for Vector Biology, New Brunswick, New Jersey. 6 January 2012.
- “Area-wide Asian tiger mosquito project: Early season control measures” Integrated Vector Management Training. New York City Health Department, New York City, New York. 10 May 2012.
- “Area-wide Asian tiger mosquito project: early season control measures.” New York City Department of Health & Mental Hygiene, Mosquito Integrated Pest Management Training. New York City, New York. 16 May 2013. Invited

- “Killing tigers in a concrete jungle: effectiveness of a nighttime ULV adulticide against diurnal *Aedes albopictus*.” American Mosquito Control Association 79th Annual Meeting. Atlantic City, New Jersey. 27 February 2013.
- “Outcomes from the USDA/ARS area-wide project for management of Asian tiger mosquito, *Aedes albopictus*” American Mosquito Control Association 80th Annual Meeting. Seattle, Washington. 4 February 2014.
- Managing overgrown vegetation to tame the Asian tiger mosquito in an urban jungle” American Mosquito Control Association 80th Annual Meeting. Seattle, Washington. 4 February 2014. **Invited.**
- “Are tigers in a concrete jungle really diurnal? Diel activity of *Aedes albopictus* determined through human sweep net and rotating trap collections”. American Mosquito Control Association 80th Annual Meeting. Seattle, Washington. 5 February 2014.

Refereed Publications:

- Krasnov, B, Khokhlova, I., **Işık Oğuzoğlu** and Burdelova, N. 2002 ‘Are fleas able to discriminate between host species using an odour cue?’ *Animal Behaviour*, 64:33-40.
- Susurluk, A. **Isik O. Unlu**, Ilker Kepenekci. Host Finding Behavior of Two Different Turkish Isolates of Entomopathogenic Nematode Species, *Heterorhabditis bacteriophora*, Poinar 1976 (Rhabditida: Heterorhabditidae).2003. *Turk. J. Biol.*, 27: 203-207.
- **Isik Oguzoglu Unlu**, Ozer, N. 2003. Evaluation of the Reproductive Potential and Competition between Two Entomopathogenic Nematodes, *Steinernema feltiae* Filipjev, 1934 (Rhabditida: Steinernematidae) and *Heterorhabditis bacteriophora*, Poinar 1976 (Rhabditida: Heterorhabditidae). *Turk. J. Biol.*, 27: 149-155.
- **Isik Oguzoglu Unlu**, Ozer, N. 2007. Bioassays of Entomopathogen Nematode *Steinernema feltiae* All Type (Rhabditida: Steinernematidae) and *Heterorhabditis bacteriophora* Tur-H2 (Rhabditida: Heterorhabditidae). *Hacettepe J. Biol. & Chem.*35 (1), 39-44.
- **Isik Oguzoglu Unlu**, Ehlers, R. U., Susurluk, A. 2007. Additional data and first record of the entomopathogenic nematode *Steinernema weiseri* from Turkey. 9: 739-741.
- **Unlu**, I. Roy, A. F., Yates, M., Garrett, D., Bell, H., Harden, T. and Lane D. Foil. 2009. Evaluation of Surveillance Methods for Detection of West Nile Virus Activity in East Baton Rouge Parish, Louisiana, 2004–2006. *Journal of the American Mosquito Control Association* 25: 126-133.
- **Unlu**, I. Mackay, A. J., Roy, A., Yates, M. M. and Foil, L. D. 2010. Evidence of vertical transmission of West Nile virus in field-collected mosquitoes. *Journal of Vector Ecology*. 35: 95-99.

- **Isik Unlu**, Kramer, W. L., Roy, A. F. and Foil, L.D. 2010. Detection of West Nile virus RNA in Mosquitoes and Identification of Bloodmeal Origins of Mosquitoes Collected at Alligator Farms in Louisiana. *Journal of Medical Entomology* 47: 625-633.
- Nelder, M., Kesavaraju, B., Farajollahi, A., Healy, S., **Unlu, I.**, Crepeau, T., Ragavendran, A., Fonseca, D., and Gaugler, R. 2010. Suppressing *Aedes albopictus*, an Emerging Vector of Dengue and Chikungunya Viruses, by a Novel Combination of a Monomolecular Film and an Insect-Growth Regulator. *The American Journal of Tropical Medicine and Hygiene*.85: 831- 837.
- Unlu, I., Farajollahi, A., Healy, S. P., Crepeau, T., Bartlett-Healy, K., Williges, E., Strickman, D., Clark, G. G., Gaugler, R., and Fonseca, D. M. 2011. Area-wide management of *Aedes albopictus*: choice of study sites based on geospatial characteristics, socioeconomic factors and mosquito populations. *Pest management science*, 67(8), 965-974.
- Kristen Bartlett-Healy, George Hamilton, Sean Healy, Taryn Crepeau, **Isik Unlu**, Ary Farajollahi, Dina Fonseca, Dan Strickman, Randy Gaugler. Use of temporal and spatial container surveys to examine the efficacy of public health educational campaigns geared towards source reduction of container inhabiting mosquito habitats. *International Journal of Environmental Research and Public Health*. 2011 May;8(5):1358-67. doi: 10.3390/ijerph8051358. Epub 2011 May 3.
- **Unlu, I.** and Farajollahi, A. 2012. To catch a tiger in a concrete jungle: operational challenges for trapping *Aedes albopictus* in an urban environment. *Journal of the American Mosquito Control Association*. 28(4): 334-337.
- Farajollahi, A., Healy, S.P., **Unlu, I.**, Gaugler, R., and Fonseca, D.M. 2012. Effectiveness of ultra-low volume nighttime applications of an adulticide against diurnal *Aedes albopictus*, a critical vector of dengue and chikungunya viruses. *PLoS One*. 7(11): e49181.
- Armstrong, P., Anderson, J., Farajollahi, A., Healy, S.P., **Unlu, I.**, Crepeau, T., Gaugler, R., Fonseca, D., and Andreadis, T. 2013. Isolations of Cache Valley virus from *Aedes albopictus* (Diptera: Culicidae) in New Jersey and evaluation of its role as a regional arbovirus vector. *Journal of Medical Entomology*. Accepted.
- Fonseca, D.M., **Unlu, I.**, Crepeau, T., Farajollahi, A., Healy, S.P., Bartlett-Healy, K., Strickman, D., Gaugler, R., Hamilton, G., Kline, D., and Clark, G.C. 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(12), 1351-1361.
- Crepeau, T., **Unlu, I.**, Healy, S.P., Farajollahi, A., and Fonseca, D.M. 2013. Experiences with the large scale operation of the BioGents Sentinel trap. *Journal of the American Mosquito Control Association*. 29(2): 177-180.
- Crepeau, T., Healy, S.P., Bartlett-Healy, K., **Unlu, I.**, Farajollahi, A., and Fonseca, D.M. 2013. Effects of BioGents Sentinel trap field placement on capture rates of adult Asian tiger mosquitoes, *Aedes albopictus*. *PLoS One*. 8(3): e60524.
- Farajollahi, A., Williams, G.M., Condon, G.C., Kesavaraju, B., **Unlu, I.**, and Gaugler, R. 2013. Assessment of a direct application of two *Bacillus thuringiensis israelensis* formulations for immediate and residual control of *Aedes albopictus*. *Journal of the American Mosquito Control Association*, 29(4), 385-388.

- **Unlu I.**, Farajollahi A., Strickman D. and Fonseca D. 2013. Crouching tiger, hidden trouble: Urban sources of *Aedes albopictus* (Diptera: Culicidae) refractory to source-reduction. *PloS one* ; 8(10):e77999.
- Farajollahi, A., Egizi, A., **Unlu, I.**, Crepeau, T., Healy, S.P., Fonseca, D., and Gaugler, R. Host feeding patterns of *Aedes albopictus* in urban and suburban habitats of northeastern USA and comparisons with *Culex pipiens* mosquitoes. *PLoS Neglected Tropical Diseases*. *In press*.
- Sun, D., Williges, E., **Unlu, I.**, Healy, S., Crepeau, T., Williams, G., Obenauer, P., Hughes, T., Schoeler, G., Gaugler, R., Fonseca, D., and Farajollahi. 2014. A. Taming a tiger in the city: a comparison between motorized backpack applications and door-to-door source reduction efforts against *Aedes albopictus*. *Journal of the American Mosquito Control Association*. 30: (2), 99-105.
- **Unlu, I.**, Farajollahi, A., Rochlin, I., Crepeau, T., Strickman D., and Gaugler, R. 2014. Differences in male-female ratios of *Aedes albopictus* (Diptera: Culicidae) following ultra-low volume adulticide. *Acta Tropica*. 137: 201-205.
- Unlu, I and Farajollahi A. 2014. A Multiyear surveillance for *Aedes albopictus* with Biogents Sentinel trap counts for males and species composition of other mosquitoes. *Journal of the American Mosquito Control Association*. 30: (2), 122-125.
- Sun, D., Indelicato, N., Peterson, J., Williges, E., **Unlu, I.**, and Farajollahi, A. Susceptibility of field-collected mosquitoes in central New Jersey to organophosphates and a pyrethroid. *Journal of the American Mosquito Control Association*. 30: (2), 138-142.
- **Unlu, I.**, Farajollahi, A., Indelicato, N. and Fonseca D. 2014. The hidden world of Asian tiger mosquitoes: immature *Aedes albopictus* (Skuse) dominate in rainwater corrugated extension spouts. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. *Accepted*.

Refereed Publications (Submitted and in preparation):

- Farajollahi, A., Healy, S., **Unlu, I.**, Crans, S., Wang, Y., and Gaugler, R. Droplet dynamics and penetration of ultra-low volume aerosols used in mosquito control within an urban environment. *Pest Management Science*. *Submitted*.
- Williams, G., Farajollahi, A., Healy, S., Crans, S., **Unlu, I.**, Crepeau, T., Gaugler, R., and Fonseca, D. Area-wide applications of VectoBac WDG in an urban environment. *In preparation*
- **Unlu, I.**, Nicholas C. I., and Farajollahi, A, and Strickman D. Do tigers have spots? Suppressing populations of *Aedes albopictus*, the Asian tiger mosquito, using a 'hot spot' approach. *The American Journal of Tropical Medicine and Hygiene*. *In preparation*
- **Unlu, I.**, Dow, G., Leisnham P., Williams M. G., Kirchoff, N., Jin, S., and Farajollahi, A. Effects of red marker dye on *Aedes* and *Culex* mosquitoes: Implications for operational mosquito control. *Journal of the American Mosquito Control Association*. *In preparation*
- Healy, K., Hamilton, G., Crepeau, T., Healy, S., Unlu, I., Farajollahi, A., Fonseca, M. D. Evaluating community peer educators in promoting reduction of mosquito

habitat for vectors of dengue, chikungunya, and Zika viruses". PLOS one. Submitted.

Non-refereed Publications:

- **Unlu, I.**, Farajollahi, A., Indelicato, N., Healy, S., Crepeau, T., Gaugler, R., and Fonseca, D. 2012. Using ArcGIS to identify Asian tiger mosquito hot spots. Proceedings of the New Jersey Mosquito Control Association. 99.
- Crepeau, T., Bartlett-Healy, K., Healy, S., Farajollahi, A., **Unlu, I.**, Gaugler, R., and Fonseca, D. 2012. Demographic variables and their ability to predict the presence of *Ae. albopictus*. Proceedings of the New Jersey Mosquito Control Association. 99.
- Farajollahi, A., Healy, S., **Unlu, I.**, Crepeau, T., Egizi, A., Gaugler, R., Crans, S., Williams, G., Bartlett-Healy, K., Hamilton, G., Shepard, D., Clark, G., Strickman, D., and Fonseca, D. 2012. Current update on *Aedes albopictus* and the Asian tiger mosquito project. Proceedings of the New Jersey Mosquito Control Association. 99.
- Farajollahi, A., Healy, S.P., **Unlu, I.**, Crepeau, T., Gaugler, R., Crans, S.C., Williams, G., Bartlett-Healy, K., Hamilton, G., Shepard, D., Kline, D., Clark, G., Strickman, D., and Fonseca, D. 2012. Truck-mounted ultra-low volume success using DUET™ dual-action adulticide against field populations of *Aedes albopictus*. Proceedings of the Mid-Atlantic Mosquito Control Association. 37.
- Healy, S.P., Bartlett-Healy, K., Farajollahi, A., Fonseca, D.M., Gaugler, R., Crepeau, T., **Unlu, I.**, Clark, G.C., and Strickman, D. 2011. The use of predictive models in an IPM approach to container inhabiting mosquitoes. Proceedings of the Northeastern Mosquito Control Association. 57.
- Crepeau, T., Thompson, V., Healy, S.P., Bartlett-Healy, K., **Unlu, I.**, Farajollahi, A., and Fonseca, D.M. 2011. Residential tire removal strategies in Monmouth County, NJ. Proceedings of the New Jersey Mosquito Control Association. 98: 48-49.
- Crans, S.C., Crepeau, T., **Unlu, I.**, Williams, G., Farajollahi, A., Healy, S.P., and Gaugler, R. 2011. Natular G30 efficacy in common artificial larval habitats. Proceedings of the New Jersey Mosquito Control Association. 98.
- **Unlu, I.**, Farajollahi, A., Healy, S.P., Crepeau, T., Bartlett-Healy, K., Strickman, D., Clark, G., Gaugler, R., and Fonseca, D.M. 2011. Area-wide management of *Aedes albopictus*: gauging the efficacy of multiple control measures during 2010. Proceedings of the New Jersey Mosquito Control Association. 98: 59.
- Fonseca, D.M., Healy, S.P., Crepeau, T., **Unlu, I.**, Farajollahi, A., Bartlett-Healy, K., Gaugler, R., Shepard, D., Halasa, Y., Strickman, D., Hamilton G., Kline, D., and Clark, G. 2011. Area-wide management of *Aedes albopictus*: lessons learned. Proceedings of the New Jersey Mosquito Control Association. 98: 60.
- Healy, S.P., Farajollahi, A., Crepeau, T., **Unlu, I.**, Williams, G., Crans, S., Gaugler, R., and Fonseca, D.M. 2011. Larval control strategies in the area-wide management of *Aedes albopictus*. Proceedings of the New Jersey Mosquito Control Association. 98: 85.

- Farajollahi, A., Healy, S.P., **Unlu, I.**, Crepeau, T., Fonseca, D.M., Crans, S., and Gaugler, R. 2011. Where does the spray go? II. Urban penetration and droplet characterization of DUET adulticide via truck-mounted ULV equipment. Proceedings of the New Jersey Mosquito Control Association. 98: 94.
- Healy, S.P., Farajollahi, A., Crepeau, T., **Unlu, I.**, Williams, G., Gaugler, R., and Fonseca, D.M. 2010. Larval control strategies in the area-wide management of *Aedes albopictus*. Proceedings of the Northeastern Mosquito Control Association. 56.
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- Crans, S.C., **Unlu, I.**, Crepeau, T., Healy, S.P., Farajollahi, A., and Gaugler, R. 2010. Natular and the Asian tiger mosquito. Proceedings of the New Jersey Mosquito Control Association. 97.
- **Unlu, I.**, Farajollahi, A., Crepeau, T., Healy, S.P., Gaugler, R., Clark, C.G., Strickman, D., and Fonseca, D.M. 2010. Area-wide surveillance and control of *Aedes albopictus*, an effort to find, catch, and tame the tiger. Proceedings of the New Jersey Mosquito Control Association. 97.
- Crepeau, T., Healy, S.P., Bartlett-Healy, K., **Unlu, I.**, Farajollahi, A., Gaugler, R., and Fonseca, D.M. 2010. The effects of microclimate on the trap abundance of *Aedes albopictus*. Proceedings of the New Jersey Mosquito Control Association. 97.
- Bartlett-Healy, K., Obenauer, P., Hughes, T., Crepeau, T., Healy, S.P., **Unlu, I.**, Farajollahi, A., Gaugler, R., and Fonseca, D.M. 2010. From tires to toilets, the most productive container habitats for *Aedes albopictus*. Proceedings of the New Jersey Mosquito Control Association.
- Farajollahi, A., Healy, S.P., **Unlu, I.**, Crepeau, T., Williams, G., Crans, S., Fonseca, D.M., and Gaugler, R. 2010. Adulticide applications with DUET in an urban environment: where do the droplets go? Proceedings of the New Jersey Mosquito Control Association. 97.
- Crepeau, T., Nelder, M.P., Kesavaraju, B., Farajollahi, A., Healy, S., Clayson, P., **Unlu, I.**, Fonseca, D., and Gaugler, R. 2009. Evaluation of a monomolecular film and (s)-methoprene composite against *Aedes albopictus*. Proceedings of the New Jersey Mosquito Control Association. 96.
- **Unlu, I.**, Crepeau, T., Farajollahi, A., Healy, S., and colleagues. Use of BG-Sentinel traps for surveillance of *Aedes albopictus* in Mercer and Monmouth counties, Phase I: Asian tiger mosquito project. 2009. Proceedings of the New Jersey Mosquito Control Association. 96.
- Slaff, M., Fonseca, D., Gaugler, R., Healy, S., Farajollahi, A., **Unlu, I.**, and colleagues. 2009. Overview of the Asian tiger mosquito project. Proceedings of the New Jersey Mosquito Control Association. 96.