

Melissa L. Partyka

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Journal Articles

Chase, J. A., E. R. Atwill, **M. L. Partyka**, R. F. Bond, and D. Oryang. 2017. Inactivation of *E. coli* O157:H7 in a fecal slurry matrix when inoculated onto romaine lettuce grown in the Salinas Valley, CA. *J Food Prot*, *in press*.

Partyka, M. L., R. F. Bond, J. A. Chase, and E. R. Atwill. 2017. [Monitoring bacterial indicators of water quality in a tidally influenced delta: A Sisyphean pursuit](http://dx.doi.org/10.1016/j.scitotenv.2016.10.179). *Science of The Total Environment* 578: 346-356. doi:<http://dx.doi.org/10.1016/j.scitotenv.2016.10.179>.

Partyka, M.L., R.F. Bond, J.A. Chase, L. Kiger and E.R. Atwill. 2016. [Multistate Evaluation of Microbial Water and Sediment Quality from Agricultural Recovery Basins](https://doi.org/10.1016/j.jeq.2015.06.0323). *Journal of Environmental Quality* 45: p. 657-665. doi:10.2134/jeq2015.06.0323.

Karp, D. S., S. Gennet, C. Kilonzo, **M. L. Partyka**, N. Chaumont, E. R. Atwill, and C. Kremen. 2015. [Comanaging fresh produce for nature conservation and food safety](https://doi.org/10.1126/science.1261131). *Proceedings of the National Academy of Sciences* 112:11126-11131.

Partyka, M.L., R.F. Bond, J. Farrar, A. Falco, B. Cassens, A. Cruse, and E.R. Atwill. 2014. [Quantifying the Sensitivity of Scent Detection Dogs to Identify Fecal Contamination on Raw Produce](https://doi.org/10.1016/j.jfp.2013.12.009). *Journal of Food Protection* 77: 6-14. doi:10.4315/0362-028X.JFP-13-249.

Quattrini, A. M., **M. L. Partyka**, and S. W. Ross. 2009. [Aspects of the Reproductive Biology of the Skate *Fenestraja plutonia* \(Garman\) off North Carolina](https://doi.org/10.1086/605570). *Southeastern Naturalist* 8:55-70.

Partyka, M. L., and M. S. Peterson. 2008. [Habitat Quality and Salt-Marsh Species Assemblages along an Anthropogenic Estuarine Landscape](https://doi.org/10.1086/605570). *Journal of Coastal Research*:1570-1581.

Partyka, M.L., S.W. Ross, A.M. Quattrini, G.R. Sedberry, T.W. Birdsong, J. Potter, S. Gottfried. 2007. [Southeastern United States Deep-Sea Corals \(SEADESC\) Initiative: A Collaborative Effort to Characterize Areas of Habitat-Forming Deep-Sea Corals](https://doi.org/10.1086/605570). NOAA Technical Memorandum OAR OER 1. Silver Spring, MD. 176 pp.

Peterson, M. S., M. R. Weber, **M. L. Partyka**, and S. T. Ross. 2007. [Integrating *in situ* quantitative geographic information tools and size-specific, laboratory-based growth zones in a dynamic river-mouth estuary](https://doi.org/10.1086/605570). *Aquatic Conservation: Marine and Freshwater Ecosystems* 17:602-618.

Peterson, M., W. Slack, G. Waggy, J. Finley, C. M. Woodley, and **M. L. Partyka**. 2006. [Foraging in Non-Native Environments: Comparison of Nile Tilapia and Three Co-Occurring Native Centrarchids in Invaded Coastal Mississippi Watersheds](https://doi.org/10.1086/605570). *Environmental Biology of Fishes* 76:283-3

Peterson, M. S., and **M. L. Partyka**. 2006. [Baseline mapping of *Phragmites australis* \(Common Reed\) in three coastal Mississippi estuarine basins](https://doi.org/10.1086/605570). *Southeastern Naturalist* 5:747-756.

Books

Atwill, E. R., **M. L. Partyka**, R. F. Bond, X. Li, C. Xiao, B. Karle, and L. Kiger. 2012. An introduction to waterborne pathogens in agricultural watersheds. 2nd edition. Nutrient Management Technical Note No. 9. National Resource Conservation Service, United States Department of Agriculture.
https://efotg.sc.egov.usda.gov/references/public/NJ/NMTN_9_Waterborne_Pathogens.pdf

Conference Presentations

Partyka, M.L. and R. F. Bond. 2016. [Agricultural Water Testing under FSMA-Where to Start](#): Washington State Tree Fruit Association Annual Meeting, Wenatchee, WA. December 5th-8th.

Partyka, M.L. and R. F. Bond. 2016. Agricultural Water Testing under FSMA: Getting There from Here. Washington State University Extension 36th Annual Food Safety and Sanitation, Portland, OR. November 8th-9th.

M.L. Partyka. 2016. [Collaborating for FSMA Compliance- We're all in this together](#). National Water Resources Association, Western Water Seminar. Sun Valley, ID. August 3rd- 5th.

E.R. Atwill, **M. L. Partyka** and R. F. Bond. 2015. Challenges and Opportunities for Implementing FSMA's Irrigation Water Quality Regulations Washington State Water Resources Association 2015 Annual Conference and Membership Meeting. Spokane, Washington. December 4th.

Partyka, M. L., R. F. Bond, J. A. Chase, and E. R. Atwill. [Clamming for bacteria: impacts of human disturbance on sediment microbial quality in two California bays](#). 23rd Biennial Coastal and Estuarine Research Federation Conference. Portland, OR. November 8th-12th.

Bond, R. F., **M. L. Partyka**, and E. R. Atwill. 2010. [The occurrence of indicator bacteria and waterborne zoonotic pathogens in the California Delta](#). 6th Biennial Bay-Delta Science Conference, Sacramento, CA. September 27th-29th

Posters Presentations

R.F. Bond, **M. L. Partyka**, P. Aminabadi, C. M. Rock, K. D. Nolte, E. R. Atwill and M. Jay-Russell. 2014. [Evaluation of indicator *Escherichia coli*, fecal coliforms, *E. coli* O157 and *salmonella* spp. in surface waters of the southwest desert canal network](#). Journal of Food Protection Abstracts. Supplement A, Vol 77. IAFP Annual Meeting, Indianapolis, IN., August 3-6. ISSN: 0362-028X.

M.L Partyka, Bond, R.F., and E.R. Atwill. 2012. [Salmonella in the Delta: Implications for Human Health, Ecosystem Services, and Resource Management](#). 2012 Bay-Delta Science Conference. Sacramento, CA., October 16-18.

Reports and Media

Bond, R. F., **M. L. Partyka**, and J. A. Chase. 2016. [Water Sampling 101](#). Good Fruit Grower Magazine. July 13th 2016. Article by Shannon Dininny-Good Fruit Grower.

Partyka, M.L., R. F. Bond, and I. Hanrahan. 2016. [Water Sampling Done Simply](#). Washington State University Tree Fruit Extension. Washington State University/Washington State Tree Fruit Research Commission/Western Center for Food Safety.

Partyka, M. L., R. F. Bond, and E. R. Atwill. 2016. [Grazing management practice implementation and assessment in one or more targeted watersheds in the Lahontan Region, or “Rivers and Ranches”](#) Final Report prepared for the Lahontan Regional Water Quality Control Board, Agreement Number (BSTP-UCD-11-01).

Partyka, M. L., and E. R. Atwill. 2014. Summary Report for the Western US Irrigation Water Conference. in Western US Irrigation Water Conference, University of California, Davis.

Bond, R. F., **M. L. Partyka,** and E. R. Atwill. 2010. [Source identification, optimized monitoring, and local outreach for reducing animal agricultural inputs of pathogens into the Sacramento-San Joaquin Delta Estuary](#). State Water Resources Control Board, Sacramento-San Joaquin Delta.

Workshops

May 5th-8th 2016, Washington State Tree Fruit Association, FSMA Water Sampling Workshops, Wenatchee, Yakima, and Salish, WA.

February 1st-2nd 2016, Western Institute for Food Safety and Security, 2nd Annual NAU-UC Davis Graduate Education Conference on One Health. Monterey, CA.

August 2013, U.S. Food and Drug Administration, Emergency Response Course 321. Visalia, CA.

June 2013, U.S. Food and Drug Administration, Emergency Response Course 321. Monterey, CA.

March 2013, U.S. Food and Drug Administration, Emergency Response Course 321. Tampa, FL.

January 2013, U.S. Food and Drug Administration, Emergency Response Course 321. Homestead, FL.