

Denise A. Gordon, Biologist, in EPA's National Exposure Research Laboratory

Exposure Methods and Measurements Division

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Area of Expertise: My formal training is in reproductive and developmental toxicology and gene expression/proteomics with emphasis on mammalian and fish species. Aside from my own scientific investigations, I am also a support member for other teams within IEIB and EMMD. In addition, my responsibilities include managing Blanket Purchase Agreement contracts for the Branch and Division, serving as Work Assignment Contract Officer Representative (WACOR) and Alternate WACOR on Division wide contracts, instructing current protocols to academic and regional personnel, and managing or serving as team QA/QC representative.

Select Publications:

- Gordon, D.A., M.E. Smith, M. Wratschko, D. Agard, L. Holden, S. Wilcox, and J.M. Lazorchak. 2014. A new approach for the laboratory culture of the fathead minnow, *Pimephales promelas*. *Environmental Toxicology and Chemistry*, 33(1): 126–133.
- Meier, J.R., S. Snyder, V. Sigler, D. Altfater, M. Gray, B. Batin, P. Baumann, D. Gordon, P. Wernsing, and J. Lazorchak. 2013. An integrated assessment of sediment remediation in a midwestern U.S. stream using sediment chemistry, water quality, bioassessment, and fish biomarkers. *Environmental Toxicology and Chemistry*, 32 (3): 653–661.
- Leet, J.K., L.S. Lee, H.E. Gall, R.R. Goforth, S. Sassman, D.A. Gordon, J.M. Lazorchak, M.E. Smith, C.T. Jafvert, and M.S. Sepúlveda. 2012. Assessing impacts of land-applied manure from concentrated animal feeding operations on fish populations and communities. *Environmental Science and Technology*, 46(24):13440–13447.
- Gordon, D.A., G.P. Toth, D.W. Graham, J.M. Lazorchak, T.V. Reddy, C.W. Knapp, F. deNoyelles, Jr., S. Campbell, and D.L. Lattier. 2006. Effects of eutrophication on vitellogenin gene expression in male fathead minnows (*Pimephales promelas*) exposed to 17 α -ethynylestradiol in field mesocosms. *Environmental Pollution*, 142(3):559-566.
- Chang, L.W., G.P. Toth, D.A. Gordon, D.W. Graham, J.R. Meier, C.W. Knapp, F.J. DeNoyelles, Jr., S. Campbell, and D.L. Lattier. 2005. Responses of molecular indicators of exposure in mesocosms: Common carp (*Cyprinus carpio*) exposed to the herbicides alachlor and atrazine. *Environmental Toxicology and Chemistry*, 24(1):190-197.
- Lattier, D.L., T.V. Reddy, D.A. Gordon, J.M. Lazorchak, M.E. Smith, D.E. Williams, B. Wiechman, R.W. Flick, A.L. Miracle, and G.P. Toth. 2002. 17 α -ethynylestradiol-induced vitellogenin gene transcription quantified in livers of adult males, larvae, and gills of fathead minnow (*Pimephales promelas*). *Environmental Toxicology and Chemistry*, 21(11):2385-2393.

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Education:

- M.S. in Molecular Biology, 1995, University of Cincinnati
- B.S. in Animal Sciences, 1984, University of Kentucky
- A.S. in Law Enforcement, 1978, Clark State College

Professional Experience:

- Biologist, USEPA, ORD/NERL, 1992 to Present
- Biological Science Laboratory Technician, USEPA, ORD, 1988 to 1992