

**RIMA WOODS, Ph.D.**  
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**EDUCATION**

**Ph.D., Biochemistry & Molecular Biology**, University of California, Davis, September 2012.  
Dissertation: The effects of persistent organic pollutant exposure on neurodevelopment. Advisor:  
Dr. Janine LaSalle.

**Bachelor of Science, Biochemistry & Molecular Biology**, University of California, Davis, June  
2007.

**PROFESSIONAL EXPERIENCE**

**Staff Toxicologist**, Office of Environmental Health Hazard Assessment, California EPA,  
Sacramento, June 2013 – present. *Pesticide risk assessment for human health and the  
environment*

**Postdoctoral Researcher**, Jin Lab, Dept. of Pathology and Laboratory Medicine, UC Davis  
MIND Institute, Sacramento, September 2012 – August 2013. *Research on neurodevelopmental  
and neurodegenerative disorders.*

**Graduate Level Researcher**, LaSalle Lab, University of California, Davis, April 2008 –  
September 2012. *Exploring the role of environmental exposures as risk factors for  
neurodevelopmental disorders.*

**Coordinator**, Student and Faculty Monthly Social, Biochemistry & Molecular, Cellular, and  
Developmental Biology Graduate Group, September 2009 – August 2011.

**Chair**, Annual Biochemistry and Molecular Biology Colloquium Committee, University of  
California, Davis, July 2008 – September 2008.

**Teaching Assistant**, Biochemistry Laboratory, undergraduate course, University of California,  
Davis, under Dr. J. Clark Lagarias, April 2008 – June 2008.

**AWARDS**

**Fellowship** Postdoctoral Trainee, Autism Research Training Program, UC Davis MIND Institute,  
Sacramento, CA. September 2012 – August 2013.

**Scholarship** Recipient, Keystone Symposia Future of Science Fund Travel Scholarship, March  
2011.

**Fellowship** Trainee, NIEHS Training Grant in Environmental Health Sciences, June 2009 – June  
2011.

**Fellowship** Fellow, Eugene Cota-Robles Fellowship for Diversity, University of California, Davis,  
October 2007 – June 2009.

**ACADEMIC INTERESTS**

Pesticide toxicology and risk assessment	Children's environmental health
Genetic susceptibility, genomics, epigenetics	Risk communication

## PROFESSIONAL SKILLS

Academic course planning, instruction  
Windows, Mac OS, Linux  
R statistical software

Endnote  
Microsoft Word, Excel, Powerpoint  
Adobe Acrobat, Photoshop

## PUBLICATIONS

### Peer reviewed

**Woods R**, Vallero RO, Golub M, Suarez JK, Ta TA, Yasui DH, Chi L-H, Kostyniak PJ, Pessah, IN, Berman RF, LaSalle JM. (2012) Long-lived epigenetic interactions between perinatal PBDE exposure and *Mecp2*<sup>308</sup> mutation. *Hum. Mol. Genet.* 21(11): 2399-2411.

Mitchell MM, **Woods R**, Chi LH, Schmidt RJ, Pessah IN, Kostyniak PJ, LaSalle JM. (2012) Levels of select PCB and PBDE congeners in human post-mortem brain reveal possible environmental epigenetic involvement in 15q11-q13 duplication autism spectrum disorder. *Env. and Mol. Mut.* 53(8):589-98.

Lee W, Yun JM, **Woods R**, Dunaway K, Yasui DH, LaSalle JM, Gong Q. *Mecp2* regulates activity dependent transcriptional responses in olfactory sensory neurons. *Hum. Mol. Genet. Accepted manuscript.* doi: 10.1093/hmg/ddu358

Medici V, Schroeder DI, **Woods R**, LaSalle JM, Geng Y, Shibata NM, Peerson J, Hodzic E, Daval S, Tsukamoto H, Kharbanda KK, Tillman B, French SW, Halsted CH. (2014) Methylation and gene expression responses to ethanol feeding and betaine supplementation in the cystathionine beta synthase-deficient mouse. *Alcohol Clin Exp Res.* 38(6):1540-9.

Fang YS, Tsai KJ, Chang YJ, Kao P, **Woods R**, Kuo PH, Wu CC, Liao JY, Chou SC, Lin V, Jin LW, Yuan HS, Cheng IH, Tu PH, Chen YR. (2014) Full-length TDP-43 forms toxic amyloid oligomers that are present in frontotemporal lobar dementia-TDP patients. *Nature Commun.* 5:4828.

Medici V, Shibata N, Kharbanda KK, LaSalle JM, **Woods R**, Liu S, Engelberg J, Cardiff RD, Havel PJ, Torok NJ, Jiang JX, Lonnerdal B, Kyoungmi K, Halsted CH. (2013) Wilson Disease: changes in methionine metabolism and inflammation affect global DNA methylation in early liver disease. *Hepatology.* doi:10.1002/hep.26047.

### Reviews and book chapters

**Woods, R**, and JM LaSalle, "Epigenetic epidemiology of autism and other neurodevelopmental disorders." *Epigenetic Epidemiology.* KB Michels (ed.), Springer Science. January 2012.

## PRESENTATIONS

**Research Poster**, Environmental Epigenomic Symposium, MIND Institute, April 2013.

**Research Poster**, Keystone Symposia: Environmental Epigenomics and Disease Susceptibility, Asheville, North Carolina, March 2011.

**Research Poster**, Keystone Symposia: Epigenetics, Development, and Disease, Breckenridge, Colorado, January 2009.