

Student Award Winners and Institutions – 2005-2008

Place	Name	Abbreviated Title of Winning Abstract	Institution	Advisor
<i>Post-Doctoral 2005 Group 1</i>				
1	Ambuja Bale	"Evaluating the NMDA-Glutamate Receptor as a Site of Action for Toluene Using Pattern Elicited Visual Evoked Potentials"	Neurotoxicology Division, US EPA	Timothy J. Shafer, PhD
2	Tal Kenet	"The Influence of Environmental Factors on Critical Period Plasticity in Rats Auditory Cortex – Implications for Developmental Disorders"	Univ of California San Francisco	Michael Merzenich, PhD
<i>Pre-Doctoral 2005 Group 2: Neurotoxicity of Metals</i>				
1	Blair C. Weig	"Cellular Repopulation of the Murine Hippocampus Following Trimethyltin Injury"	Rutgers Univ	Kenneth Reuhl, PhD
2-co	Christina J. Herden	"Time Course of Methylmercury Block of GABA _A Receptor Currents is not Changed by Flumazenil in Rat Cortical Cells in Culture"	Michigan State Univ	William Atchison, PhD
2-co	Miranda Reed	"Motor Function and Tissue Levels in Dams Chronically Exposed to Methylmercury and Selenium"	Auburn Univ	M. Christopher Newland, PhD
<i>Pre-Doctoral 2005 Group 3: Neurotoxicity of Pesticides and PCBs</i>				
1	Tram-Anh N. Ta	"Ryanodine Receptor Type 1 (RYR1) Possessing Malignant Hyperthermia Mutation R615C Exhibits Heightened Sensitivity to Dysregulation by Noncoplanar PCB 95"	Univ of California Davis	Isaac N. Pessah, PhD
2	Josh A. Harrill	"Deltamethrin Induced Alterations in the Transcription of Calcium Responsive and Immediate Early Genes In Vivo"	Univ of North Carolina, Chapel Hill	Kevin Crofton, PhD
<i>Pre-Doctoral 2005 Group 4: Other Compounds/General Neurotoxicology</i>				
1	Jinghong Kou	"Potentiating Effect of the K ⁺ _{ATP} Channel Blocker Glibenclamide on the Neurotoxicity of Mitochondrial Complex I Inhibitors"	Virginia Polytechnic Inst and State Univ	Jeffrey R. Bloomquist, PhD
2	Elizabeth Gribble	"Association of Cell Cycle Regulatory Proteins with cell Cycle Exit and Differentiation in Mouse Embryonic Midbrain Neuronal Precursor Cells"	Univ of Washington	Kevin Crofton, PhD
<i>Pre-Doctoral 2006</i>				
1	Victor Wang	"Age-Dependant Impairments of Chronic Estrogen Exposure on DSA and DRL Operant Tasks"	Univ of Illinois, Urbana-Champaign	Susan Schantz, PhD
2	Lisa Miyatake	"Utilization of Behavioral Testing, Atomic Absorption Spectroscopy (AAS) and Isoprostane Analysis to Determine the Effects of Brain Manganese (MN) Accumulation in Male C57BL/6J Mice"	Vanderbilt Univ	Vanessa Fitsanakis, PhD & Michael Aschner, PhD
3	Derek Drechsel	"1-Methyl-4-Phenylpyridinium-Induced Alterations of Glutathione and Redox Environment in Immortalized Rat Dopaminergic Neurons"	Univ of Colorado, Denver	Manisha Patel, PhD
<i>Post-Doctoral 2006</i>				
1	Ruth Jameson, PhD	"Are Nonenzymatic Functions of Acetylcholinesterase (ACHE) Involved in the Developmental Neurotoxicity of Organophosphates? Effects of Chlorpyrifos and Diazinon on Expression of ACHE Splice Variants In Vitro and In Vivo"	Duke Univ Medical Center	Ted Slotkin, PhD
2	Tin Tin Win Shwe, PhD	"T Cell-Mediated Neuroprotective Response in Toxic Chemical Induced Memory-Related Gene Expressions in a Mouse Hippocampus"	National Institute for Environmental Studies, Japan	Hidekazu Fujimaki, PhD
3	Sarah Owens, PhD	"Genetic Susceptibility in Autism"	Vanderbilt Univ School of Medicine	Michael Aschner, PhD
<i>Pre-Doctoral 2007</i>				
1	Daniel Braunschweig	"Autism: Maternally Derived Antibodies Specific for Fetal Brain Proteins."	University of California, Davis, Davis, California	Judy Van de Water, PhD
2	Chia-Jung Hsieh	"Cotinine in Umbilical Cord Blood, Genetic Polymorphisms, and Neurodevelopment at the Age of Two Years."	National Taiwan University College of Public Health, Taipei, Taiwan	Pau-Chung Chen, PhD
3	Angela J. Monahan	"Prenatal LPS Exposure Alters the Fate of Developing Dopamine Projections."	Rush University, Chicago, Illinois	Paul Carvey, PhD
<i>Post-Doctoral 2007</i>				
1	Jesse Rodriguez, PhD	"The Effects of Methylphenidate on Rhesus Monkey Performance in an Operant Test Battery."	National Center for Toxicological Research, Jefferson, Arkansas	Merle Paule, PhD

\$2000.00 per year has been awarded to student winners as follows: 1st Place: \$500 plus engraved plaque; 2nd Place \$300 plus certificate; 3rd Place \$200 plus certificate or both Pre- and Post-Doctoral Student Award Categories.

<i>Pre-Doctoral Poster Award 2008</i>				
1	Sarah Latchney	"Multipotent Neural Stem Cells are Targets for TCDD Actions: A Role for AHR in Neurogenesis?"	University of Rochester, Rochester, NY	Lisa Opanashuk, PhD
2	April Neal	"Disruption of Developing Glutamatergic Synapses in Hippocampal Neurons by Lead."	Johns Hopkins Bloomberg School of Public Health, Baltimore, MD	Tomás Guilarte, PhD
3-tie	Deborah Soellner	"Accumulation of Caffeine and its Metabolites in the Fetal Rat Brain Following Low-Dose Chronic Prenatal Exposure."	Michigan State University, East Lansing, MI	Joseph Nunez, PhD and Keith Lookingland, PhD
3-tie	Katie Sokolowski	"Methylmercury (MeHg) Exposure at Low Doses Activates Caspase-3 in Postnatal Rat Hippocampus."	Rutgers & Robert Wood Johnson Medical School, Piscataway, NJ	Emanuel DiCicco-Bloom, MD
<i>Post-Doctoral Poster Award 2008</i>				
1	Mei Cui, MD, PhD	"Gene-environment interactions: Mutation in PINK1 enhances neurotoxicity to parkinsonian toxicants."	University of Rochester, Rochester, NY	Kim Tieu, PhD
2	Maryse Bouchard, PhD	"Manganese exposure through tap water and neurobehavioral functions among primary school children in Québec (Canada)."	Harvard School of Public Health, Boston, MA	David Bellinger, PhD
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<i>Pre-Doctoral Travel Award 2008</i>				
	Kim McDowell	"Development of Progressive, Environmental Neurotoxin-Induced Model of Parkinson's Disease in Rats."	University of Maryland School of Medicine, Baltimore, MD	Paul Yarowsky, PhD & Jessica Mong
	April Neal	"Disruption of Developing Glutamatergic Synapses in Hippocampal Neurons by Lead."	Johns Hopkins Bloomberg School of Public Health, Baltimore, MD	Tomás Guilarte, PhD
<i>Post-Doctoral Travel Award 2008</i>				
	Maryse Bouchard, PhD	"Manganese exposure through tap water and neurobehavioral functions among primary school children in Québec (Canada)."	Harvard School of Public Health, Boston, MA	David Bellinger, PhD
	Sameera Dasari, PhD	"Postnatal Methylmercury Exposure in vivo Alters Developmental Forms of Short-Term Synaptic Plasticity in the Visual Cortex of Rats."	Michigan State University, East Lansing, MI	Yukun Yuan, PhD
<p>Travel Award winners received reimbursement up to \$800 for their travel to the 25th International Neurotoxicology Conference</p>				