

Scott E. Bowen, Ph.D.

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Institution and Location	Degree (if applicable)	Completion Date	Field of Study
University of Mississippi, Oxford, MS	B.A.	08/1988	Psychology
University of Mississippi, Oxford, MS	M.A.	08/1991	Psychopharmacology
University of Mississippi, Oxford, MS	Ph.D.	08/1993	Psychopharmacology
Medical College of Virginia, Richmond, VA	Postdoctoral Fellow	08/1997	Pharmacology & Toxicology
Wayne State University, Detroit, MI	Postdoctoral Fellow	08/2001	Psychopharmacology

Appointments

- 1997-2001 Research Associate, Department of Psychology, Wayne State University, Detroit, MI
2001-2003 Assistant Professor – Research, Department of Psychology, Wayne State University, Detroit, MI
2003-2007 Assistant Professor, Department of Psychology and Obstetrics and Gynecology, Wayne State University, Detroit, MI
2007-2012 Associate Professor, Department of Psychology and Obstetrics and Gynecology, Wayne State University, Detroit, MI
2012-2017 Associate Professor, Department of Psychology, Wayne State University, Detroit, MI
2017-present Full Professor, Department of Psychology, Wayne State University, Detroit, MI
2018-2019 Chair, Department of Psychology, Wayne State University, Detroit, MI

Other Experience and Professional Memberships

- 1994 Research Training Fellowship in Toxicology (T32ES07087-14)
1994 Research Training Fellowship in Toxicology (T32ES07087-15)
1994 College on Problems of Drug Dependence Travel Award
1995-1997 National Research Service Award Recipient
1996 NIDA Director's Travel Award
2003-2006 Treasurer (Behavioral Toxicology Society)
2004-2005 National Institute of Environmental Health Sciences, Superfund Review Committee.
2006 Ad hoc reviewer, Biobehavioral Regulation, Learning and Ethology Study Section, Center for Scientific Review, National Institutes of Health (October 5-6, 2006).
2007 Reviewer, Rodent Drug Discrimination and Locomotor Activity Testing for NIDA, National Institutes on Health (April 25, 2007).
2007 Reviewer, Toxicological Review of 1,1,1-Trichloroethane Study Section, U.S. Environmental Protection Agency (April 20, 2007).
2009 Fellow, American Psychological Association
2006-2007 President Elect (Behavioral Toxicology Society)
2006-2008 Councillor (Michigan Chapter, Society for Neuroscience)
2007-2008 President (Behavioral Toxicology Society)
2012-2013 President-elect (Michigan Chapter, Society for Neuroscience)
2013-2015 President (Michigan Chapter, Society for Neuroscience)
2014 Reviewer, Toxicological Profile for Toluene, U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry.
2016-2017 Past-President (Michigan Chapter, Society for Neuroscience)

Relevant papers published in the last 5 years (student authors underlined):

1. Apawu, A., Mathews, Tiffany, and **Bowen, S.E.** (2015). Striatal Dopamine Dynamics in Mice Following Acute and Repeated toluene exposure. *Psychopharmacology*, 232, 173-184. PMID: 24994552 <http://link.springer.com/article/10.1007%2Fs00213-014-3651-x>
2. Callan, S.P., Kott, J.M., Cleary, J.P., McCarthy, M.K., Baltes, B.B., Bowen, S.E. (2016). Changes in Developmental Body Weight as a Function of Toluene Exposure: A Meta-Analysis of Animal Studies. *Human & Experimental Toxicology*, 35(4), 341-352. <http://het.sagepub.com/content/35/4/341.full.pdf?ijkey=wnLboE8y2DeUice&keytype=finite>
3. Callan, S.P., Hannigan, J.H., and Bowen, S.E. (2017). Prenatal Toluene Exposure Impairs Performance in the Morris Water Maze in Adolescent Rats. *Neuroscience*, 342, 180-187. PMID: 26318334. <http://dx.doi.org/10.1016/j.neuroscience.2015.08.050>
4. Callan, S.P., Apawu, A.K., Mathews, T.A., and Bowen, S.E. (2017). Toluene's effects on activity and extracellular dopamine in the mouse are altered by GABA_A antagonism. *Neuroscience Letters*, 647, 67-71. DOI: [10.1016/j.neulet.2017.03.004](http://dx.doi.org/10.1016/j.neulet.2017.03.004)
5. **Bowen, S.E.**, Hannigan, J.H., Davidson, C. and Callan, S.P. (2018). Abstinence Following Toluene Exposure Increases Anxiety-Like Behavior in Mice. *Neurotoxicology and Teratology*, 65, 42-50. PMID: 29292231. DOI: <https://doi.org/10.1016/j.ntt.2017.12.010>

Completed Research Support in Last 5 Years:

Betty-Neitzel Research Grant, Dept. Of Psychology, WSU Departmental Research Grant Total direct costs: \$10,000	Bowen (PI)	2016-2017
Betty-Neitzel Research Grant, Dept. Of Psychology, WSU Departmental Research Grant Total direct costs: \$10,000	Bowen and Brummelte (PIs)	2017-2018
CURES Recruited Center Investigator, Career Development Program of the WSU Center for Urban Responses to Environmental Stressors (CURES). Total direct costs: \$80,000	Bowen (PI)	2017-2018