



## Robert H. Lipsky, PhD

Professor, Department of Neuroscience

### Education

PhD, Genetics, Cornell University

### Key Interests

Health Outcomes | Health Disparities | Genetic Interactions | Environmental Interactions |  
Healthy Communities | Neuroethics

### CONTACT

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### SELECT PUBLICATIONS

- › Lolak, S., *et al.* (2014). Epigenetics of depression. *Progress in Molecular Biology and Translational Science*, 128: 103-137.
- › Lipsky, R. H. (2013). Epigenetic mechanisms regulating learning and long-term memory. *International Journal of Developmental Neuroscience*, 31: 353-358.
- › Jiang, X., *et al.* (2005). BDNF and mood disorders: a novel functional promoter polymorphism and Val66Met are associated with anxiety but have opposing effects. *Neuropsychopharmacol*, 30: 1253-1361.
- › Krueger, F., *et al.* (2012). Oxytocin receptor genetic variation promotes human trust behavior. *Frontiers in Human Neuroscience*, 6:4.

### Research Focus

My research interests center on determining the etiology of complex disorders of the brain through an understanding of genetics and its intersection with the patient's environment, namely epigenetic effects. I take a functional approach, applying genetic and epigenetic information from patients that will lead to new treatment approaches and improved targeting of existing therapies.

### Current Projects

- Epigenetic mechanisms in health and disease.
- Genetic factors and trauma injury patient outcomes.
- Genetic factors affecting addictive behaviors.