



## ***The Neuroscience of Social Work***

### ***Epigenetics and Trauma***

***9 a.m.-noon  
Friday, Aug. 2, 2019***

**Anne and Henry Zarrow School of Social Work  
700 Elm Avenue  
Norman, OK**

**Facilitator:  
Brandt Wiskur, Ph.D.**

#### ***Epigenetics and Trauma***

The course will utilize course topics and materials developed by or referenced from the National Neuroscience Curriculum Initiative. The course will include a basic anatomical overview of the brain to include basic descriptions of associated sensory, cognitive and/or movement contributions. The session will use a case vignette of a person with borderline personality disorder to introduce the concept of epigenetics and follow it with a detailed overview of epigenetics. The session will discuss recent evidence of the role of epigenetic modifications in anxiety and stress disorders. Participants will be able to describe what epigenetics is, how epigenetic modifications can occur based on environmental factors, and how those modifications in specific brain areas can result in mental health disorders/disease.

#### ***Master Presenter***

**Dr. Brandt Wiskur** served in the U.S. Army from 1994-2003 and was deployed multiple times. He completed a bachelor of science degree in chemistry (cum laude) at the College of the Ozarks in 2003. He graduated with a degree in neuroscience from the OU Health Sciences Center in 2008. He concurrently served as a programs coordinator and post-doctoral fellow at the Oklahoma Center for Neuroscience from 2009-2011. He served as the program manager at the OCNS and later assisted the Graduate College (OUHSC) as a program analyst in 2012. He graduated in 2017 with his master's degree in social work and has 15 peer-reviewed publications. He is the director of Institutional Research at the OUHSC and assistant director of the Oklahoma Center for Mentoring Excellence. He is an assistant professor of research in the Department of Health Sciences Library and Information Management. He holds an adjunct appointment in the Department of Psychiatry and Behavioral Sciences. He is actively utilizing his neuroscience, research, instruction, and social service skills to develop and support institution and community programs.

***Professional Rate \$45.00 / Free to Students  
3 CEUs per session for LCSWs***

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For questions or accommodations please contact  
Diane Freeman (405) 325-2822 or by email [dkfreeman@ou.edu](mailto:dkfreeman@ou.edu)

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