Instructor: Steve Cole, PhD

June 9th – 10th, 2020
8:00 AM – 5:00 PM each day
Memorial Union
University of Wisconsin
Madison

This workshop is designed to provide instruction to social and behavioral scientists interested in learning about functional genomics methods (e.g., gene expression profiling) in research on psychosocial determinants of health. Topics include general psychobiological concepts, research design and strategy, pragmatics of tissue sampling and sample processing, RNA profiling assays, low-level analysis of differential gene expression, and bioinformatic analyses of cellular and transcription factor mechanisms. The workshop includes interactive clinics in which attendees begin implementing these approaches in their own research programs. The larger conceptual focus is on environmental regulation of expression, with MIDUS RNA data as a primary example.

Director, UCLA Social Genomics Core Laboratory
Professor of Psychiatry and Medicine, UCLA School of Medicine
Norman Cousins Center for Psychoneuroimmunology
Jonsson Comprehensive Cancer Center

Lodging will be provided by organizers of the Workshop, and where needed, limited travel grants are available. There is no fee to attend the Workshop.

To apply for the Gene Expression Workshop please go to the following link:

https://uwmadison.co1.qualtrics.com/jfe/form/SV_1SKpd6pprbiXkVf


Please contact Jennifer Sterk at jmsterk@wisc.edu with questions.