

MIDUS GENE EXPRESSION WORKSHOP

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.

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



Instructor:
Steve Cole,
PhD



Director, UCLA Social Genomics Core Laboratory
Professor of Psychiatry and Medicine, UCLA School of
Medicine
Norman Cousins Center for Psychoneuroimmunology
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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. Registration is required.

MIDUS
Midlife in the United States

A National Study of Health & Well-Being