

T32 HL082610 TRANSLATIONAL RESEARCH TRAINING IN SLEEP AND CIRCADIAN SCIENCE
PREDOCTORAL PROGRAM FACULTY MENTORS

Faculty Member	Department/Program	Research Focus
Colleen McClung, PhD ^{1,4,7-8}	Center for Neuroscience (CNUP)	Molecular mechanisms by which circadian genes control mood, anxiety and reward-related behavior using mouse models
Yanhua Huang, PhD ^{5,7-8}	Center for Neuroscience (CNUP)	Cellular and circuit mechanisms by which sleep regulates natural or drug reward, using mouse and rat models
Fabio Ferrarelli, MD, PhD ^{3,4,7-8}	Center for Neuroscience (CNUP)	Role of sleep spindles in psychosis; neuromodulation effects on sleep and cognition
Marquis Hawkins, PhD ^{5,7-8}	Epidemiology	The joint effects of physical activity and sleep on maternal health during and after pregnancy
Sanjay Patel, MD, MPH ^{1,4,7-8}	Epidemiology	Sleep epidemiology; sleep in minority populations
Christopher E. Kline ⁵⁻⁸	Health and Human Development	Interactions of sleep, physical activity, and sedentary behavior on cardiovascular outcomes; combined sleep-physical activity interventions
Martica Hall, PhD ^{1,2,6-8}	Psychology	Naturalistic, clinical experimental, and animal experimental models of stress-sleep-health relationships; cohort and population studies of sleep and cardiometabolic health
Brant Hasler, PhD ^{1,6-8}	Psychology	Circadian rhythms and sleep in relation to neural reward systems and substance use disorders; sleep in adolescence
Kathryn Roecklein, PhD ^{5,7-8}	Psychology	Sleep and circadian rhythms in mood disorders; retinal sensitivity & the effects of environmental light on mood and behavior; seasonal affective disorder
Bokai Zhu, PhD ^{5,7}	Psychology	Cell-autonomous mammalian 12h ultradian clock, independent from the 24h circadian clock and its regulation and function; crosstalk with circadian and other ultradian rhythms

¹Served as mentor/co-mentor for T32 trainee. ²Served as research collaborator for trainee during current funding period. ³Provides educational/ resources and eligible to serve as mentor/collaborator. ⁴New training faculty, senior investigator. ⁵New training faculty, junior investigator. ⁶Former Pitt T32 postdoc. ⁷Serves on University graduate faculty, ⁸