Faculty	Contact	Primary Research Focus
	Person	
Aikens, Deane	Dr. Aikins	Understanding deployment stress risk and resilience for military families and physiological and
		hormone profiles of high stress combat engagement
Arfken, Cynthia	Dr. Arfken	Epidemiology and health services, meta-analysis
Diwadkar, Vaibhav		Neuroimaging in health and psychotic disorders, research on prodromal symptoms in youth.
Greenwald, Mark	Dr. Greenwald	Substance use disorders, pain, behavioral pharmacology
Javanbakht, Arash	Dr. Javanbakht	PTSD and anxiety: refugee trauma, genetics, epigenetics, inflammation, treatment, augmented reality, brain imaging, clinical outcomes, media
Jovanovic, Tanja	Online	Trauma - for full information on all projects and how to join the lab: <u>https://www.detroittraumaproject.com</u>
Kuhn, Donald	Dr. Kuhn	Neuropsychiatric complications associated with traumatic brain injury and neurodegenerative diseases;
		Substance abuse disorders and the gut microbiome
Ledgerwood, David	Dr. Ledgerwood	Nicotine/Tobacco, Substance use disorders, Gambling disorder and behavioral addictions.
Luhndahl, Leslie	Dr. Lundahl	Cannabinoids, Substance use disorders
Marusak, Hilary	Dr. Marusak	the THINK lab (www.wsuthinklab.com) – studies the effects of childhood adversity and trauma (e.g., violence, medical-related adversity such as cancer) on brain development, and neurobiological correlates of anxiety and posttraumatic stress disorder in children and adolescents.
Michalopoulou,	Dr.	TFCO research - The project focuses on the implementation of the TFCO evidence based treatment program
Georgia	Michalopoul	and on the evaluation of its efficacy and outcomes
	ou	
Mischel, Nick	Ms. Carly	My goal is to establish an integrated clinical/translational research program and clinical service, focusing on
	Brin	electromagnetic and other new interventions for treatmentresistant depressive disorders (TRD). I will first
		focus on establishing repetitive transcranial magnetic stimulation (rTMS) treatments for TRD, and then using
		rTMS as a neuroscience tool to study subregional prefrontal cortex (PFC) involvement in autonomic
		physiologic regulation and the psychophysiologic stress response. I plan to expand the program to include on
		and off-label rapid-acting antidepressant (RAAD) treatments using ketamine and esketamine, as well as other
		modes of electromagnetic brain stimulation, including trigeminal nerve stimulation for ADHD, transauricular

		vagal nerve stimulation (taVNS), and re-starting the electroconvulsive therapy (ECT) service within the department of psychiatry. I will use RAAD treatments as a paradigm to study physiologic changes that occur with rapid remission of depression
Morreale, Mary	Dr. Morreale	Medical Student Education
Norrholm, Seth	Dr. Norrholm	Neurobiology of fear-, anxiety-, trauma-, and stressor-related disorders; Psychophysiological assessment of fear; virtual reality treatment for PTSD
Ondersma, Steven	-	Computer-delivered brief interventions for substance use among pregnant & postpartum women
Perrine, Shane	Dr. Perrine	The goal of our research is to better understand the neuronal circuitry and molecular mechanisms that underlie substance use disorders, posttraumatic stress disorder, and their co-occurrence. We use rodent models of these disorders, behavioral tasks, and molecular techniques to identify the brain-behavior relationships that develop after exposure to traumatic stress and/or drugs and ways the brain changes to lead to addiction or PTSD. A major focus of our lab is on the comorbidity between PTSD and substance use disorders and exploration of the neurobiology of the reward and stress-trauma neurocircuitry.
Stanley, Jeffrey	Dr. Stanley	At-risk youth for psychosis and schizophrenia