

Table 2. Participating Faculty Members

Name	Degree(s)	Rank	Primary Department or Program	Research Interest	Training Role	Undergraduates In Training	Undergraduates Graduated	Undergraduates Continued in Research or Related Careers
Abel, Dale	MD, PhD	Professor and Chair	Internal Medicine – Endocrinology & Metabolism	Elucidating the molecular mechanisms that are responsible for cardiac failure in diabetes; Elucidating the role of mitochondrial dysfunction in the pathogenesis of insulin resistance, diabetes and its complications	Preceptor	26	41	11
Abel, Ted	PhD	Professor	Molecular Physiology and Biophysics	Molecular mechanisms of memory storage and the molecular basis of neurodevelopmental and psychiatric disorders	Preceptor	3	45	8
Afifi, Rema	PhD, MPH	Professor	Community and Behavioral Health	Youth health, tobacco prevention and control, and protective and risk factors; Community Based Participatory Research	Preceptor	n/a	n/a	n/a
Blumberg, Mark	PhD	Professor	Psychological & Brain Sciences	Neural bases and functions of sleep; developmental contributions of sleep-related spontaneous motor activity to sensorimotor integration; biological rhythms; development and evolution of behavior	Preceptor	2	20	6

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Casavant, Thomas	MS, PhD	Professor	Biomedical & Electrical Engineering	Bioinformatics, Genomics, Human Disease Mutation, Sequencing and Analysis, High-Perf Computing, System Modeling	Preceptor	34	32	5
Cwiertny, David	PhD	Assoc. Professor	Civil and Environmental Engineering	Materials-based treatment strategies for water and wastewater, chemical transformation pathways for emerging contaminant classes in a natural aquatic system	Preceptor	1	40	6
Engelhardt, John	PhD	Professor	Anatomy & Cell Biology	Molecular basis of inherited and environmentally induced diseases, and using gene therapy to treat	Preceptor	8	31	9
Forbes, Tori	PhD	Assoc. Professor	Chemistry	Synthesis and characterization of novel actinide-based (^{232}Th , ^{238}U , ^{237}Np) nanotubes and molecular clusters; X-ray diffraction and scattering techniques; transport and mobility of nuclear materials in aqueous environmental systems; radiochemistry	Preceptor	7	21	6
Hollingworth, Andrew	PhD	Professor	Psychological & Brain Sciences	Scene perception, attention, eye movements, visual memory, spatial cognition	Preceptor	2	6	2
LaLumiere, Ryan	PhD	Asst. Professor	Psychological & Brain Sciences	Neurobiology of learning and memory in rodents; Neurobiology of addiction in rodents	Preceptor	9	25	1

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Lutgendorf, Susan	PhD	Professor	Psychological & Brain Sciences	Psychoneuroimmunology, Biobehavioral mechanisms in Cancer, Aging, and Inflammatory Diseases, Behavioral Medicine Interventions and Immune Function	Preceptor	7	51	2
Nopoulos, Peggy	MD	Professor	Psychiatry	The structure and function of the brain using imaging tools such as MRI and cognitive / behavioral assessment	Preceptor	3	15	4
Smolikove, Sarit	PhD	Assoc. Professor	Biology	DNA damage repair and chromosome synapsis in <i>C. elegans</i> meiosis	Preceptor	4	25	6
Stone, Elizabeth	PhD	Assoc. Professor	Chemistry	Environmental, organic, and analytical chemistry; emphasis placed on understanding molecular composition, transformation, and sources of atmospheric aerosols; sea spray; combustion	Preceptor	4	21	6
Tranel, Daniel	PhD	Professor	Neurology	Clinical and experimental neuropsychology; Cognitive neuroscience; Lesion method and functional neuroimaging (MRI); Neural basis of higher cognitive functions and personality	Preceptor	2	35	23