

Participating Faculty Mentors (alphabetically by name)

Name	Rank	Primary (& Secondary) Appointment(s)	Research Interest
Alfonso, Aixa	Assoc Prof	Biological Sciences (#GPN/LIN)	Regulation of Neuronal Fate in <i>C. elegans</i>
Alford, Simon	Prof	Anatomy & Cell Biology (GPN/LIN)	Synaptic Plasticity in the Nervous System
Bongarzone, Ernesto	Assoc Prof	Anatomy & Cell Biology (GPN)	Axonopathy in Myelin Disease; Oligodendrogenesis
Bosland, Maarten	Prof	Pathology	Prostate Cancer
Burdette, Joanna	Assoc Prof	Med. Chem. & Pharmacognosy	Ovarian Cancer
Colley, Karen	Prof	Biochemistry & Mol. Genetics	Glycobiology
Diamond, Alan	Prof	Pathology	Cancer Prevention
DiPietro, Luisa	Prof	Periodontics	Skin Wound Repair
Eddington, David	Assoc Prof	Bioengineering (GPN)	Microfluids and Diagnostics
Federle, Michael	Assoc Prof	Med. Chem. & Pharmacognosy	Quorum Sensing and Resistance to Antibiotics
Freitag, Nancy	Prof	Microbiology & Immunology	Bacterial Pathogenesis
Gemeinhart, Richard	Assoc Prof	Biopharmaceutical Sciences	Controlled Drug Delivery, Biomaterials, Stem Cells
Hanley, Luke	Prof	Chemistry	Analytical Chem., Mass Spec. Bioengineering
Kay, Brian	Prof	Biological Sciences	Molecular Recognition
Larson, John	Assoc Prof	Psychiatry (GPN)	Synaptic Plasticity, Learning and Memory
Lavie, Arnon	Prof	Biochemistry & Mol. Genetics	Structure-based Design of Novel Therapeutics
Lazarov, Orly	Prof	Anatomy & Cell Biology (GPN)	Molecular Pathogenesis in Alzheimer's Disease
Maki, Pauline	Prof	Psychiatry and Psychology (GPN)	Hormonal Control of Cognitive Function and Mood
Mankin, Alexander	Prof	Med. Chem. & Pharmacognosy	Protein Synthesis; Antibiotic Action and Resistance
Mehta, Dolly	Prof	Pharmacology	Tissue Inflammation and Inflammatory Diseases
Merrill, Brad	Assoc Prof	Biochemistry & Mol. Genetics	Developmental and Stem Cell Biology
Minshall, Richard	Assoc Prof	Anesthesiology, Pharmacology	Endothelial Cell Signaling and Permeability Regulation
Nonn, Larisa	Assoc Prof	Pathology	Prostate Cancer
Park, Thomas	Prof	Biological Sciences (GPN/LIN)	Neurobiology of Sensory Information Processing
Prabhakar, Bellur	Prof	Microbiology & Immunology	Autoimmune Disease; Innate Immunity
Ragozzino, Michael	Prof	Psychology (GPN; LIN)	Neurobiology of Learning and Memory
Rasenick, Mark	Prof	Physiology & Biophysics (GPN)	Neurobiology of Depression; G Protein Signaling
Richmond, Janet	Prof	Biological Sciences (GPN/LIN)	Neurotransmitter Release in <i>C. elegans</i>
Ross, Susan	Prof	Microbiology & Immunology	Immune factors that restrict viral infection.
Royston, Thomas	Prof	Bioengineering (GPN)	Structural Acoustics and Vibration for Medical Diagnostics
Shippy, Scott	Assoc Prof	Chemistry (GPN/LIN)	Neurochemical Signaling in the Tissues of the CNS
Shukla, Deepak	Prof	Ophthalmology/Microbiology & Immunology (GPN)	Viral Invasion of Human Host Cells

Name	Rank	Primary (& Secondary) Appointment(s)	Research Interest
Simonovic, Miljan	Assoc Prof	Biochemistry & Molecular Genetics	Structural/Function of Molecular Complexes
Stocco, Carlos	Assoc Prof	Physiology & Biophysics	Molecular Pathways Controlling Ovarian Gene Expression
Valdez-Jasso, Daniela	Asst Prof	Bioengineering	Soft-Tissue Biomechanics and Vascular Biology
Walden, William	Prof	Microbiology & Immunology	Cellular Iron Regulation
Wang, Z. Jim	Prof	Biopharmaceutical Sciences (GPN/LIN)	Pharmacogenomics of Analgesics

GPN = Graduate Program in Neuroscience, LIN = Laboratory of Integrated Neuroscience.