

University of Rochester MSTP Graduates (2012-2021)					
Trainee	Degree Program	Thesis Title	Grad Year	Residency	Current Position
Dawling Dionisio-Santos	Neuroscience	Ameliorating Alzheimer's Disease tau pathology through immunomodulation: A novel role for interleukin 4 and glatiramer acetate	2021	Neurology - U Rochester/Strong Memorial-NY	Neurology - U Rochester/Strong Memorial-NY
Scott Friedland	Genetics	Arid1a, a subunit of the SWI/SNG chromatin remodeling complex, is a barrier to KrasG12D-driven tumorigenesis	2021	Internal Medicine/Research - Ohio State University Med Ctr	Internal Medicine/Research - Ohio State University Med Ctr
Allison Li	Pathology (Cell Biology of Disease)	Regulation of hematopoiesis in the bone marrow microenvironment	2021	Internal Medicine - Yale-New Haven Hosp-CT	Internal Medicine - Yale-New Haven Hosp-CT
Hayley Martin	Epidemiology	Assessing the impact of Group Prenatal Care on Breastfeeding Behavior and Motivation	2021	Pediatrics - Childrens Hosp-Philadelphia-PA	Pediatrics - Childrens Hosp-Philadelphia-PA
Andrew Smith	IMV	Role of a polymerase defect in function of the live attenuated influenza A virus	2021	Emergency Medicine - U Rochester/Strong Memorial-NY	Emergency Medicine - U Rochester/Strong Memorial-NY
Emily Wu	IMV	The Role of TNF- $\alpha$ in the Genesis of Inflammatory Interstitial Lung Disease in Rheumatoid Arthritis	2021	Internal Medicine - St Joseph Mercy-Ann Arbor-MI	Internal Medicine - St Joseph Mercy-Ann Arbor-MI
Andrew Allbee	Genetics	Lmx1a is required for Drosophila ovary stem cell niche formation and organogenesis	2020	Pathology-Anatomic and Clinical - Hosp of the Univ of PA	Pathology-Anatomic and Clinical - Hosp of the Univ of PA
Nicolas Goldstein	Health Services Research	Disproportionate Premature Birth in Women of Low Socioeconomic Status: A Psychological and Physiological Stress Explanation of Financial Risk Removal	2020	Pediatrics - Childrens Hosp-Philadelphia	Pediatrics - Childrens Hosp-Philadelphia
Maxime Jean	IMV	The Dichotomy of Curaxin Compounds in HIV-1 Latency	2020	Neurology - U Rochester/Strong Memorial	Neurology - U Rochester/Strong Memorial
Irina Lerman	Cell Biology of Disease (Pathology)	Neutrophil Elastase and SERPINB1 are Critical Regulators of Prostate Cancer Progression	2020	Dermatology; Internal Medicine - U Rochester/Strong Memorial	Dermatology; Internal Medicine - U Rochester/Strong Memorial
Aimee Morris	NBA	Functional Brain Network Structure in Focal Embouchure Dystonia and Related Disorders	2020	Child Neurology - St Louis Childrens Hosp	Child Neurology - St Louis Childrens Hosp
Daniel Savage	Optics	A Novel Non-Ablative Technique for Femtosecond Laser-Based Refractive Correction	2020	Ophthalmology - University of Rochester Flaum Eye Institute / Internal Medicine - U Rochester Strong Memorial	Ophthalmology - University of Rochester Flaum Eye Institute / Internal Medicine - U Rochester Strong Memorial
Stephanie Syc-Mazurek	Neuroscience	The Molecular signaling pathways controlling apoptotic retinal ganglion cell death after axonal injury	2020	Neurology - Mayo Clinic School of Grad Med Educ	Neurology - Mayo Clinic School of Grad Med Educ
Jomy Varghese	BME	Salivary Gland Radiation Protection	2020	Anesthesiology - U Michigan Hosps-Ann Arbor	Anesthesiology - U Michigan Hosps-Ann Arbor
Jimmy Zhang	CMPP	Mitochondrial Metabolism in Cardiac Ischemia-Reperfusion Injury	2020	Internal Medicine - Icahn SOM at Mount Sinai	Internal Medicine - Icahn SOM at Mount Sinai
William Alexander	Genetics	Oncogenic mutations and injury in the mouse liver	2019	Internal Medicine - University at Buffalo School of Medicine	Internal Medicine - University at Buffalo School of Medicine
Katherine Herman	IMV	Spontaneous Immune Dysregulation in the Skin in the Absence of Wiskott-Aldrich Syndrome Protein	2019	Pediatrics - Boston Children's Hospital	Pediatrics - Boston Children's Hospital
Justin Komisarof	Genetics	Patterns in dysregulated, non-mutated cancer mediator gene expression	2019	Internal Medicine - University of Rochester/Strong Memorial Hospital	Internal Medicine - University of Rochester/Strong Memorial Hospital
Nguyen Mai	Neuroscience	Lung-brain immunological coupling mediates neutrophil de-priming and neuroprotection following cerebral ischemia-reperfusion	2019	Preliminary Medicine - Univ. Rochester/Strong Memorial Hospital Neurology Residency - UC San Francisco	Preliminary Medicine - Univ. Rochester/Strong Memorial Hospital Neurology Residency - UC San Francisco
Evan McConnell	Neuroscience	The role of astrocytes in noradrenaline mediated attenuation of motor tics	2019	Preliminary Medicine - Rochester Regional Health/Unity; Radiology-Diagnostic Residency - Univ. Rochester/Strong Memorial	Preliminary Medicine - Rochester Regional Health/Unity; Radiology-Diagnostic Residency - Univ. Rochester/Strong Memorial
Salvador Pena	Cell Biology of Disease (Pathology)	Hypoxia and the Mitochondrial Unfolded Protein Response	2019	Anesthesiology - Wake Forest Baptist Medical Center	Anesthesiology - Wake Forest Baptist Medical Center
Benjamin Plog	Cell Biology of Disease (Pathology)	Novel Insight into Regulation of Glymphatic Flow with Implications for Traumatic Brain Injury	2019	Neurological Surgery - Barnes-Jewish Hospital	Neurological Surgery - Barnes-Jewish Hospital
Samuel Carrell	Genetics	Testing the limits of antisense oligonucleotide treatment for myotonic dystrophy Type 1	2018	Neurology - Hospital of the University of PA	Neurology - Hospital of the University of PA
Amit Chowdhry	Statistics	Missing data in Meta-Analysis	2018	Radiation Oncology - Univ. Rochester/Strong Memorial Hospital	Intern in Preliminary Medicine (SUNY Upstate Univ.)
Andrew Cox	IMV	Increasing the safety of the Live Attenuated Influenza Virus Vaccine	2018	Pediatrics - Cincinnati Children's Hospital MC-OH	Pediatrics - Cincinnati Children's Hospital MC-OH

Alison Gaylo	IMV	Mechanisms of CD4+ T cell motility in the inflamed dermal interstitium	2018	Dermatology – UPMC Medical Education – PA	Intern, Preliminary Medicine, UPMC Medical Education, PA
Andrew Shubin	BME	Poly(ethylene glycol) Hydrogels for Salivary Gland Regeneration	2018	General Surgery – U. Texas Southwestern Med Sch.-(Dallas)	General Surgery – U. Texas Southwestern Med Sch.-Dallas
Aisha Siebert	Translational Biomedical Science	Parasitoid wasp (Nasonia) venoms: high throughput approach to functional characterization and translational application to drug discover	2018	Urology – Northwestern Univ. – Feinberg School (Chicago)	Urology – Northwestern Univ. – Feinberg School (Chicago)
Adrienne Chesser	Neuroscience	Selectively Enhancing Clearance of Pathological Tau Through the Use of Phytochemical Compounds	2017	Family Medicine - Allina Family Residency Program, Minnesota	Family Medicine – Allina Family Residency Program, Minnesota
Youssef Farhat	BME	Identification of PAI-1 as a Biological Target for the Promotion of Scarless Flexor Tendon Healing	2017	Pathology – Medical College of Wisconsin Affiliated Hospitals - Wisconsin	Pathology – Medical College of Wisconsin Affiliated Hospitals
Jonathan Langdon	BME	Development of Single Track Location Shear Wave Viscoelasticity Imaging for Real-Time Characterization of Biological Tissues	2017	Radiology – Diagnostic, Yale-New Haven Hosp-CT	Resident, Diagnostic Radiology, Yale-New Haven Hosp., CT
Rialnat Lawal	Cell Biology of Disease (Pathology)	Osteolineage Notch Ligand Jagged 1 Regulates Bone Homeostasis and Parathyroid Hormone-Dependent Long-Term Hematopoietic Stem Cell Function	2017	Internal Medicine, University of Rochester/Strong Memorial Hospital	Fellow, Hematology/Oncology—National Institutes of Health
Emily Walters	Genetics	Non-Mutated Mediator Genes in Diverse Epithelial Cancer Types	2017	Anesthesiology – UCLA Medical Center, CA	Anesthesiology – UCLA Medical Center, CA
Danielle deCampo	Neuroscience	An Extended Amygdala Path with Implications for Early Life Stress	2016	Child Neurology, Johns Hopkins Hospital, MD	Resident, Child Neurology, Johns Hopkins Hospital, Baltimore, MD
Laura Fornarola	Pharmacology & Physiology	The Role of PIN1 in Neuronal Programmed Cell Death Following Trophic Factor Deprivation	2016	Anesthesiology, University of Rochester, Rochester, NY	Anesthesiologist, Rochester Regional Health
Natasha Golub	Epidemiology	Longitudinal Health Outcomes in Former Refugees	2016	General Preventive Medicine, Johns Hopkins/Bloomberg, MD	Resident, General Preventive Medicine, Johns Hopkins/Bloomberg, MD
Kevin Makino	Health Services Research	Income, Public Health Insurance Eligibility, and Children's Insurance Status: Implications for Parental Distress, Parenting Behaviors and Child Socio-Emotional Health	2016	Pediatrics, University of Hawaii	Resident in Pediatrics, University of Hawaii
Lisa Niswander	Cell Biology of Disease (Pathology)	Microenvironmental Regulation of Megakaryopoiesis and Thrombopoiesis by SDF-1	2016	Pediatrics, Children's Hospital of Philadelphia	Resident in Pediatrics, Children's Hospital of Philadelphia
Imran Punekar	Neuroscience	Impulsivity in Parkinson's Disease	2016	Anesthesiology, University of Rochester	Resident, Anesthesiology, University of Rochester
Drew Scoles	BME	Expanding the Application of Adaptive Optics Scanning Light Ophthalmoscopy	2016	Ophthalmology, Scheie Eye Institute, University of Pennsylvania.	Resident, Ophthalmology, Scheie Eye Institute, University of Pennsylvania.
Helen Wei	Neuroscience	Functional Hyperemia in Cerebral Capillaries	2016	General Surgery, University of Rochester/Strong Memorial Hospital	Resident, Surgery, University of Rochester/Strong Memorial Hosp.
Laura DiChiacchio	Biochemistry & Biophysics	Computational Prediction of RNA Secondary Structure with Applications to RNA Viruses	2015	Surgery-General, University Maryland Medical Center	Academic Surgery Residency (2 yrs. research as PGY3 in 2nd yr of residency), Univ. Maryland
Anat Kohn	Genetics	The Role of RBPjk-Dependent Notch Signaling During Cartilage Development of the Limb Skeleton	2015	Internal Medicine, University of Rochester/Strong Memorial Hospital	Fellow, Pulmonary and Critical Care, Boston University
Daniel Marker	Cell Biology of Disease (Pathology)	URMC-099, a Novel Kinase Inhibitor with Drug-like Properties, is Neuroprotective in Models of Human Immunodeficiency Virus Associated Neurocognitive Disorders	2015	Pathology, Univ. Pennsylvania Medical Center (Pittsburgh)	Fellow, Pathology, U. Pitt
Tristan Nicholson	Cell Biology of Disease (Pathology)	Estrogen receptor-alpha is a key mediator and therapeutic target in benign prostatic hyperplasia	2015	Urology, Univ. Washington Affiliated Hospitals, Seattle	Resident, Urology (Research Track), Univ. Washington Affiliated Hospitals
Salvatore Priore	Chemistry	Discovery and Characterization of Influenza Virus RNA Secondary Structure	2015	Pathology, Hospital of the Univ. of PA (Philadelphia)	Assistant Professor, Clinical Pathology and Laboratory Medicine, Univ. of Pennsylvania
Jharon Silva	Microbiology & Immunology	Modeling the Effect of HIV-1 Induced Neuroinflammation on the Cerebral Vasculature: Acute Intracranial Exposure to HIV-1 Tat Leads to Dysregulation of Cerebrovascular Reactivity, While Chronic Tat Exposure Results in Reduced Vascular Density	2015	Emergency Medicine, Univ. Connecticut School of Medicine	Emergency Medicine Physician, Hospital of Central Connecticut

Melissa Carrasco	Neuroscience	Cognitive Role of Medial PFC in Error Processing: Lessons Learned from Healthy Children and Pediatric OCD, Anxiety, and ASD	2014	Pediatrics-Preliminary: Univ. Maryland Med. Ctr.; Child Neurology Residency: Johns Hopkins University	Fellow, Pediatric Neurology, University of Michigan
Scott Peslak	Cell Biology of Disease (Pathology)	Erythropoiesis: Injury and Recovery	2014	Internal Medicine-ABIM Research Pathway, Hospital of the Univ. of Pennsylvania	Fellowship in Hematology/Oncology, ABIM Research, Hospital of the Univ. of PA, Philadelphia, PA
Phillip Rappold	Neuroscience	Pathogenic Mechanisms and novel Therapeutic Strategies in Parkinson Disease	2014	Surgery-Preliminary/Urology, University of Rochester	Fellowship in Oncology, Memorial Sloan-Kettering Cancer Center
Danny Rogers	Neuroscience	Novel Approaches for Targeting Undifferentiated Cells in Neuroblastoma	2014	Pediatrics-Preliminary/Child Neurology, Univ. of New Mexico, Albuquerque, NM	Child Neurologist, University of Mexico Hospitals
Mercedes Szpunar	Cell Biology of Disease (Pathology)	Evidence for Sympathetic Nervous System Regulation of Breast Cancer Progression	2014	Psychiatry (Research Track), UCSD, San Diego	Psychiatrist, Hoag Hospital
Joanna Touger Olsen	Microbiology & Immunology	SEVI, A Natural Enhancer of HIV Infection, as a Novel Target to Prevent HIV Transmission	2014	Anesthesiology/Critical Care Medicine, Oregon Health & Science University, Portland	Resident, Anesthesiology/Critical Care Medicine, Oregon Health & Science University, Portland
Edward Vuong	Genetics	lep-5: a long noncoding RNA is a novel heterochronic regulator in C. elegans	2014	Internal Medicine, North Shore-LIJ Health System, Manhasset, NY	Assistant Professor, Internal Medicine, Donald and Barbara Zucker School of Medicine
Ethan Winkler	Neurobiology & Anatomy	Vascular-mediated neuronal injury: the role of blood-spinal cord barrier disruption in the pathogenesis of amyotrophic lateral sclerosis	2014	Neurological Surgery, UCSF, San Francisco, CA	Resident, Neurological Surgery, UCSF
Michael Wu	Neurobiology & Anatomy	Inhibition of Adult Hippocampal Neurogenesis by Sustained Interleukin-1 $\beta$	2014	Anesthesiology/Research, UCSF, San Francisco, CA	Critical Care Fellow in the Department of Anesthesia and Perioperative Care
Youngsun Cho	Neuroscience	Defining Limbic Subsystems: Examining a Functional Reward Network and Cortico-Amygdala-Striatal Anatomic Circuits	2013	Psychiatry, Yale/New Haven Hospital, New Haven, CT	Fellow, Child Psychiatry, Yale Child Study Center
Susan Fong (formerly Lee)	Neuroscience	Audiovisual Integration During Language Comprehension: The Neural Basis of Social Communication in Autism and Typical Development	2013	Child Neurology, Cincinnati Children's Hospital, Cincinnati, OH	Asst. Professor, Neurology (Epilepsy Division) - Cincinnati Children's Hospital, Cincinnati, OH
Vincent Fong	Microbiology & Immunology	Novel Targeting Strategies for Adenovirus Vectors: Investigating the Rad51 Promoter and Inducible Elements	2013	Internal Medicine Research Track, Case Western Reserve; Cleveland, OH	Asst. Professor, Endocrinology, Cincinnati Children's Hospital, Cincinnati, OH
Michael Jacob	Neuroscience	The Active Control of Self-Movement Perception: Neuronal Mechanisms and Cognitive Aging	2013	Psychiatry, UCSF, San Francisco, CA	Assistant Professor, Psychiatry, UCSF
Keith Olsen	Microbiology & Immunology	The Role of Transglutaminase 2 in Pulmonary Fibrosis	2013	Preliminary Medicine, Strong Memorial Hosp., Univ. Roch.; Residency in Dermatology, Oregon Hlth. & Sci. Univ.	Dermatologist, Kaiser Permanente, Portland, Oregon
Rebecca Porter	Cell Biology of Disease (Pathology)	Prostaglandin E2 is a Positive Regulator of Hematopoietic Stem and Progenitor Cells under Normal Conditions and in Response to Radiation Injury	2013	Internal Medicine, Brigham & Women's Hospital, Boston, MA	Instructor, Dept of Medical Oncology, Division of Gynecologic Oncology, Dana Farber Cancer Institute
Christopher Richardson	Microbiology & Immunology	A Study of the Molecular Characteristics of 9G4+ Autoantibodies and of B cell Tolerance in Systemic Lupus Erythematosus	2013	Preliminary Medicine, Strong Memorial Hosp., Univ. Roch.; Residency in Dermatology, Strong Memorial Hosp., U. Roch.	Instructor in Dermatology; Instructor in Medicine, Univ. Rochester
Adam Simning	Epidemiology	Anxiety and Depression in Older Adult Public Housing Residents: Prevalence, Correlates and Implications for Care	2013	Psychiatry, Strong Memorial Hosp., Univ. Rochester	Assistant Professor, Psychiatry, Univ. Rochester
Debbie Dang (formerly Dao)	Cell Biology of Disease (Pathology)	Chondrocyte-specific $\beta$ -catenin Expression Drives Cell-Autonomous and Non-Cell-Autonomous Maturation to Promote Growth Plate and Secondary Ossification Center Development	2012	Orthopaedic Surgery, Research, UCSF, San Francisco, CA	Orthopaedic Surgery Specialist, Sutter Health
Adam Dziorny	Biomedical Engineering	Exposure to an Augmented Acoustic Environment (AAE) Improves Neural Correlates of Auditory Processing	2012	Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA	Assistant Professor, Pediatrics (critical care), Univ. Rochester
Candace Gildner	Biomedical Engineering	Effect of Vitronectin on the Deposition, Conformation, and Physiologic Properties of Extracellular Matrix Fibronectin	2012	Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA	Assistant Professor, Pediatrics, Univ. Rochester

Ana Nunes (formerly Tablante)	Pharmacology & Physiology	Chemotherapeutic Agents and the CNS: Damage and Protection	2012	Internal Medicine, Scripps Clinic/Green Hospital, San Diego, CA	Study Physician, Immuno-Oncology, Global Medicine Development (writes & runs Clinical Trials (late-phase in breast ca), AstraZeneca Pharmaceuticals
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