

University of Rochester MSTP Graduates (2000-2019)

Trainee	Degree Program	Thesis Title	Grad Year	Residency	Current Position
Eugene Storozynsky	Microbiology & Immunology	Role of cytokines in the development of dendritic cells and the generation of tumor-specific T lymphocytes	2000	Internal Medicine, University of Rochester	Associate Professor, Medicine (Program in Heart Failure and Transplantation, Cardiology Division) University of Rochester
Jin Kim	Biochemistry	Mechanisms of viral recombination by Human Immunodeficiency Virus type I reverse transcriptase	2000	Cardiology, University of California, Irvine	Health Sciences Associate Clinical Professor of Medicine; Researcher, Edwards Lifesciences Ctr. For Advanced Cardiovascular Technology, Univ. Calif. - Irvine
John Kimbrough	Physiology	Interactions of a quaternary ammonium ion with an intrapore local anesthetic receptor in rat skeletal muscle sodium channels	2000	Internal Medicine, Vanderbilt University Medical Center	Fellowship in Clinical Informatics, NIH Clinical Center (Cardiologist and researcher in addition), NIH
Jeffrey Rumbaugh	Biochemistry	Biochemical mechanisms of DNA replication and repair and of HIV replication using mammalian enzymes	2000	Neurology, Johns Hopkins University, Bayview	Assistant Professor of Neurology, CFAR (Ctr. for AIDS Research) Investigator, Emory University
Michael Milano	Biophysics	Migration of electrons and holes in DNA exposed to low LET irradiation: a study of free radical trapping in DNA and DNA model systems	2000	Radiation Oncology, University of Chicago Hospital	Associate Professor, Radiation Oncology, University of Rochester
Jamie Adam	Microbiology & Immunology	Identification of the region of HPV-16 that mediates binding to the 16-kDa pore-forming subunit of the vacuolar -ATPase	2001	Pathology, University of Virginia, Charlottesville	Pathologist, Williamsport Pathology Associates, PA
Sophie Deng	Microbiology & Immunology	Autoantibodies enter live cells and translocate into the nucleus: implications and mechanism	2001	Ophthalmology University of Illinois, Chicago	Associate Professor of Ophthalmology; Director, Corneal Cell Biology Lab, Jules Stein Eye Institute, UCLA
Alan Kenny	Biology	SpSoxB1, an early transcriptional regulator of differentiation along the animal-vegetal axis in the sea urchin embryo	2002	Pediatrics - University of Rochester	Associate Professor and Research Instructor, Pediatrics; Cincinnati Children's Hospital Medical Center
Christopher Grimsrud	Microbiology & Immunology	The roles of bone morphogenetic protein-6 and bone morphogenetic protein-7 in chondrocyte maturation	2002	Orthopaedics, University of California, San Francisco	Orthopaedic Surgeon, private practice
Mark Burkard	Chemistry	Thermodynamics of RNA folding and structural modeling using constraints from NMR	2002	Internal Medicine, New York Weill Cornell Medical Center	Associate Professor, Medicine, Hematology/Oncology; Univ. Wisconsin School of Medicine and Public Health, Madison, WI; Associate Director, MSTP

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Marc Halterman	Microbiology & Immunology	Hypoxia-dependent control of gene expression and its influence on neuronal programmed cell death	2002	Neurology, University of Rochester	Associate Professor, Neurology, Pediatrics and Center for Neurological Development & Disease, University of Rochester; Associate Director, MSTP
Minh-Doan Nguyen	Microbiology & Immunology	The role and regulation of fibrinogen in pulmonary inflammation	2002	Surgery, University of Illinois	Assistant Professor of Surgery, University of Cincinnati College of Medicine
Nikolaus McFarland	Neurobiology	Anatomic evidence indicating a dual role for specific thalamic relay nuclei in basal ganglia circuitry	2002	Neurology, University of Virginia, Charlottesville	Assistant Professor, Neurology, Ctr. Translational Research in Neurodegenerative Disease, Univ. Florida, Gainesville
David Mathews	Chemistry	Prediction of RNA secondary structure	2003	N/A	Associate Professor, Biochemistry & Biophysics, Biostatistics & Computational Biology & of Cancer Center, Univ. Rochester
Paul Burkat	Pharmacology	Dominant gating governing transient GABA _A receptor activity	2003	Anesthesiology, Hershey/Penn State Medical Center	Assistant Professor of Psychiatry, Crozer-Chester Medical Center, Chester, PA
Julie Gunzler (formerly Richards)	Microbiology & Immunology	Identification & functional characterization of novel receptor ligands of CD-40 & alpha(v) beta(3) integrin implications for gene delivery	2004	Pediatrics, Oregon Health & Science University, Portland, Oregon	Pediatrician, Pediatriccenter of Greater Cleveland, Cleveland, OH
Marc Dubin	Neuroscience	The effects of behavioral tasks on optic flow responses of MST neurons	2004	Psychiatry, NY Presbyterian Hospital	Assistant Professor of Psychiatry and Neuroscience, Weill Cornell Medical College; Assistant Attending Psychiatrist, NY Presbyterian Hospital
Michael Froehler	Neurobiology	Spatial and temporal integration of cognitive mapping in area MST	2004	Neurology, Johns Hopkins University	Assistant Professor, Stroke Center and Cerebrovascular Service for Depts. of Neurology, Neurosurgery & Radiology; P.I. for NIH-sponsored StrokeNet, Vanderbilt University
Jason Mendler	Biochemistry	The role of Alpha6 integrin in malignant transformation	2005	Internal Medicine (Chief Resident 2008-09), University of Rochester	Assistant Professor of Medicine (Hematology/Oncology Div.), Univ. of Rochester
Ryan Hoefen	Pharmacology	The role of G Protein-Coupled Receptor Kinase-Interacting Protein 1 in endothelial function	2005	Internal Medicine, University of Rochester	Clinical Instructor in Medicine (Cardiology), University of Rochester

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Ricardo Roda	Biochemistry	Recombination contributes to the structural diversity that occurs during rapid evolution of HIV	2005	Neurology, Johns Hopkins University	Assistant Professor, Neurology (Neuromuscular/Neurogenetics Divisions), NYU Langone Medical Center, NYC, NY
Willis Huang	Microbiology & Immunology	Accelerated bone remodeling by T-cell dependent inflammation; a murine model of prosthesis-related osteomyelitis	2005	Diagnostic Radiology, UCLA Medical Center, Los Angeles, CA	Attending Radiologist & Co-Director, Mt. View Site-Valley Radiology Consultants (private practice), San Jose, CA
Antonia Eyssalenne	Cell Biology of Disease (Pathology)	The influence of leukemogenic fusion proteins p190 BCR-ABL and E2A-PBX1 on B-lymphopoiesis	2006	Med/Peds, Jackson Memorial Hospital, Miami, FL	Assistant Professor, Internal Medicine & Pediatrics (Univ. Miami/Jackson Memorial Hosp., Miami, FL); Chief Medical Officer, Hospital Bernard Mevs Project Medishare (Port au Prince, Haiti)
Anthony Flores	Microbiology & Immunology	Mechanisms of resistance to β -lactam antibiotics in <i>Mycobacterium tuberculosis</i> and <i>M. smegmatis</i>	2006	Pediatrics, Baylor College Medical Center, Houston, TX	Associate Professor of Pediatrics (Infectious Diseases), McGovern Med Sch., UT Health Science Center (Houston, TX)
Jason Homsy	Cell Biology of Disease (Pathology)	Basic mechanisms of embryonic morphogenetic events using the dorsal closure (DC) process in <i>Drosophila melanogaster</i> as a model	2006	Internal Medicine, Boston University Medical Center	Fellowship in Medicine (Cardiology), Massachusetts General Hospital, Boston, MA
Kuei-Cheng Lim	Neuroscience	Activity-dependent secretion, localization and proteolytic processing of nerve growth factor in hippocampal neurons	2007	Neurology, NYU School of Medicine	Fellowship in Epilepsy; Dept. of Neurology, Univ. Pennsylvania School of Medicine
Matthew Bellizzi	Neuroscience	Reversible impairment of synaptic transmission in inflamed brain	2007	Neurology, University of Rochester	Assistant Professor, Neurology, Neuroscience, Ctr. Neural Development & Disease, Univ. Rochester School of Medicine
Tara Wenger (formerly Arndt)	Toxicology	Eyeblink Conditioning in Autism and Fetal Valproate Syndrome	2008	Pediatrics, Children's Hospital of Philadelphia	Assistant Professor, Pediatrics, Craniofacial Dept., Seattle Children's Hospital, Seattle, WA
Cindy Duke	Microbiology & Immunology	Optimization of a Herpes Simplex Virus Type 1 Amplicon Vecteded HIV-1 Vaccine Candidate	2009	Obstetrics-Gynecology, Johns Hopkins Hospital	Medical Director, Nevada Fertility Institue, Las Vegas, NV
Christine Gorman Zanghi	Microbiology & Immunology	Design of a New Lambda Bacteriophage Vector System: Rational Improvement of Phage-Mediated Gene Transfer in Mammalian Cells Through Multiple Modifications to the Phage Surface	2009	Anesthesiology, University of Rochester Medical Center	Assistant Professor, Department of Anesthesiology, University of Colorado

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Amish Naik	Cell Biology of Disease (Pathology)	The Role of Cyclooxygenase-2 and Parathyroid Hormone in Mesenchymal Progenitor Cell Function during Senescent Fracture Healing	2009	Orthopaedic Surgery, Cleveland Clinic Foundation	Orthopaedic Surgeon, Crystal Run Healthcare, West Nyack, NY
Babak Razavi	Biomedical Engineering	Multi-Sensory Integration: Intra- and Extra-Auditory Factors that Influence Sound Localization	2009	Neurology, University of California, Davis	Clinical Assistant Professor, Neurology & Neurological Sciences, Stanford Neuroscience Health Center, Stanford School of Medicine
Solomon Shaftel	Neurobiology & Anatomy	The Role of Interleukin-1 beta (IL-1 β) in Chronic Neuroinflammation, Alzheimer's Disease and Leukocyte Recruitment to the Mouse Brain	2009	Ophthalmology, University of California, San Diego	Oculoplastic surgeon, Kaiser Permanente, San Diego
Yasser Elshatory	Neuroscience	The LIM-Homeobox Gene Islet-1 is a Key Regulator of Restricted Neuronal Subtypes in the Retina and Forebrain	2010	Ophthalmology, University of Oklahoma, Oklahoma City	Ophthalmologist, Univ. Oklahoma, Oklahoma City
James Hart	Chemistry	NMR-Assisted Prediction of RNA Secondary Structure	2010	N/A	Systems Engineer, Medical Diagnostics Division, Abbott Laboratories, Dallas, TX
Sarita Kishore	Neuroscience	The Attentional Modulation of Navigational Cue Integration by Cortical Neurons	2010	Ophthalmology, University of Louisville, Louisville, KY	Ophthalmologist, Dept. of Veteran Affairs, Boise VA Medical Center, Boise, ID
Marlene O'Brien (formerly Mathews)	Pharmacology & Physiology	PARP-1 Inhibition Transactivates the Vascular Endothelial Growth Factor Receptor-2 and Enhances Endothelial Angiogenesis and Survival	2010	Vascular Surgery Research Track, Strong Memorial Hosp., Univ. of Rochester	Vascular Surgeon, Kennedy Health Alliance, Cherry Hill Voorhees, NJ
Alexander Pearson	Biostatistics	Subset Selection for High Dimensional Data, with Applications to Gene Array Data	2010	Internal Medicine Residency, Hematology/Oncology Research Track, Univ. of Michigan Hospitals, Ann Arbor, MI	Assistant Professor, Dept. of Medicine (Hema/Onc.), Univ. of Chicago
Laurie Robak	Neuroscience	The Structural Basis of the Interaction Between Myelin-Associated Glycoprotein and Nogo Receptor 2: Design of Novel Therapeutic Agents for Spinal Cord Injury	2010	Medical Genetics/Pediatrics Residency, Baylor College of Medicine, Houston, TX	Instructor, Molecular and Human Genetics, Baylor College of Medicine
Robert Ambrosini	Biomedical Engineering	Automated Detection and Growth Rate Determination of Metastatic Tumors in the Brain and Lungs	2011	Diagnostic Radiology, University of Rochester-Strong Memorial Hospital, Rochester, NY	Assistant Professor, Imaging Science, Strong Memorial Hosp., Univ. of Rochester
Abdallah Bitar	Chemistry	Progress Toward the Total Synthesis of Roseophilin	2011	Internal Medicine/Research Track, Scripps Clinic/Green Hospital, San Diego, CA	Fellowship in Cardiology, Scripps Health, San Diego

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Qi Cui	Neurobiology & Anatomy	Cross-Sensory Plasticity and Integration in Human Audio-Visual Spatial Processing	2011	Ophthalmology, University of California, San Francisco	Assistant Professor of Ophthalmology, Hosp. of Univ. of PA, Perelman School of Medicine, Scheie Eye Institute
Katherine Eisenberg	Epidemiology	Lead Exposure in Refugee Children in the United States	2011	Family Medicine/Urban, University of Rochester/Strong Memorial Hospital, Rochester, NY	Assistant Professor, Family Medicine, Strong Memorial Hosp., University of Rochester
Conan Kinsey	Genetics	Autophagy Induced by Cooperating Oncogenic Mutations is Essential for the Cancer Phenotype and Requires the Expression of the Novel Cooperation Response Gene Plac8	2011	Internal Medicine, University of Utah Affiliated Hospitals, Utah	Hematology/Oncology Fellowship in ABIM (American Board Internal Med.) Physician Scientist Program (short-track), Univ. of Utah, Salt Lake City, UT
Kofi Mensah	Microbiology & Immunology	Type I Interferon Effects on Osteoclast Fusion: Insights into Non-Erosive Inflammatory Arthritis	2011	Internal Medicine, Physician-Scientist Research Pathway, then Rheumatology Fellowship, Yale University	Director, Translational Development-Clinical Pharmacology Celgene; Instructor, Section of Rheumatology Allergy, Clin. Imm. Yale School of Medicine
David Meoli	Pharmacology & Physiology	Vascular Cell Migration in Pulmonary Arterial Hypertension	2011	Internal Medicine, Vanderbilt University Med. Ctr., TN	Instructor of Medicine in Cardiology, Vanderbilt Univ.
Michael Moravan	Neuroscience	Irradiation of mouse brain leads to neuroinflammation and delayed infiltration of immune cells: role of interleukin-1 and ccr2 signaling	2011	Radiation Oncology, Univ. Rochester/Strong Memorial Hospital, Rochester, NY	Assistant Professor, Radiation Oncology, Duke University & VA Hospital, Durham, NC
Nancy Ann Oberheim Bush	Neuroscience	The Functional Organization of Astrocytes in Normal and Epileptic Brain	2011	Neurology, UCSF, San Francisco, CA	Assistant Professor, Neurology & Neurological Surgery, UCSF
Debbie Dang (formerly Dao)	Cell Biology of Disease (Pathology)	Chondrocyte-specific β -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	Chief Resident in Orthopaedic Surg./Research Track (PGY6), UCSF
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	Fellowship in Pediatric Critical Care and Clinical Informatics Dept. of Anesthesiology & Critical Care Medicine, Children's Hosp. of Philadelphia, PA
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	Attending Physician, Children's Hosp. of Philadelphia, PA

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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
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	Resident in Psychiatry, Yale/New Haven Hospital
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	Fellowship in Endocrinology, Johns Hopkins School of Medicine, Baltimore, MD
Michael Jacob	Neuroscience	The Active Control of Self-Movement Perception: Neuronal Mechanisms and Cognitive Aging	2013	Psychiatry, USCF, San Francisco, CA	Private Practice in Psychiatry, San Francisco, CA
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	Fellowship, Epilepsy, Dept. of Neurology, Johns Hopkins School of Med.
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	Instructor in Psychiatry/Fellowship in Geriatric Psychiatry, Univ. Rochester
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	Resident, Pediatric Neurology, Univ. Maryland/Johns Hopkins
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

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Scott Peslak	Cell Biology of Disease (Pathology)	Erythropoiesis: Injury and Recovery	2014	Internal Medicine-ABIM Research Pathway, Hospital of the Univ. of Pennsylvania	Fellowship, Hematology/Oncology, Hosp. of Univ. of Pennsylvania
Phillip Rappold	Neuroscience	Pathogenic Mechanisms and novel Therapeutic Strategies in Parkinson Disease	2014	Surgery-Preliminary/Urology, University of Rochester	Resident, Urology; University of Rochester
Danny Rogers	Neuroscience	Novel Approaches for Targeting Undifferentiated Cells in Neuroblastoma	2014	Pediatrics-Preliminary/Child Neurology, Univ. of New Mexico, Albuquerque, MN	Resident, Child Neurology, Univ. of New Mexico, Albuquerque, NM
Mercedes Szpunar	Cell Biology of Disease (Pathology)	Evidence for Sympathetic Nervous System Regulation of Breast Cancer Progression	2014	Psychiatry (Research Track), UCSD, San Diego	VA Advanced Fellowship in Women's Health, UCSD
Edward Vuong	Genetics	<i>lep-5</i> : a long noncoding RNA is a novel heterochronic regulator in <i>C. elegans</i>	2014	Internal Medicine, North Shore-LIJ Health System, Manhasset, NY	Resident, Internal Medicine, North Shore-LIJ Health System, Manhasset, NY
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 β	2014	Anesthesiology/Research, UCSF, San Francisco, CA	Critical Care Fellow in the Department of Anesthesia and Perioperative Care
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 2 nd 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	Resident, Internal Medicine University of Rochester/Strong
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)	Resident, Pathology, Univ. Pennsylvania Medical Center
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)	Residency & Research, Anatomic Pathology, Hospital of Univ. of Pennsylvania (HUP)
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	Resident, Emergency Medicine, Univ. Connecticut School of Medicine

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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	Resident, Anesthesiology, University of Rochester
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
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.
Imran Punekar	Neuroscience	Impulsivity in Parkinson's Disease	2016	Anesthesiology, University of Rochester	Resident, Anesthesiology, University of Rochester
Adrienne Chesser	Neuroscience	Selectively Enhancing Clearance of Pathological Tau Through the Use of Phytochemical Compounds	2017	Family Medicine - Allina Family Residency Program, Minnesota	Intern/Resident, 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	Internal Medicine, University of Rochester/Strong Memorial Hospital
Emily Walters	Genetics	Non-Mutated Mediator Genes in Diverse Epithelial Cancer Types	2017	Anesthesiology – UCLA Medical Center, CA	Anesthesiology – UCLA Medical Center, CA
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

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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 (<i>Nasonia</i>) 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)
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

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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	Resident, 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	Resident, Pediatrics - Childrens Hosp-Philadelphia
Maxime Jean	IMV	The Dichotomy of Curaxin Compounds in HIV-1 Latency	2020	Neurology - U Rochester/Strong Memorial	Resident, 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	Resident, 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	Resident, 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	Resident, 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	Resident, Neurology - Mayo Clinic School of Grad Med Educ
Jomy Varghese	BME	Salivary Gland Radiation Protection	2020	Anesthesiology - U Michigan Hosps-Ann Arbor	Resident, Anesthesiology - U Michigan Hosps-Ann Arbor
Jimmy Zhang	CMPP	Mitochondrial Metabolism in Cardiac Ischemia-Reperfusion Injury	2020	Internal Medicine - Icahn SOM at Mount Sinai	Resident, Internal Medicine - Icahn SOM at Mount Sinai

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