

Alumni Directory SUNY Downstate Health Sciences University School of Graduate Studies

This directory is organized by year, most recent years first, and only includes listings of graduates for which we have information on professional placements (it is not a comprehensive listing of graduates). For any other information about our graduates, please contact the School of Graduate Studies: Ed Throckmorton, Registrar, ed.throckmorton@downstate.edu or 718-270-2739.

This directory will be updated periodically as we get new information. If you would like to enter your information, please follow the link "[Update Your Record](#)":

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September 17, 2024

Class of 2024, Aparajita **Bhattacharya**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Montclare, Jin
Thesis: Engineering Self-Assembling Biomaterials using Protein Block Copolymers for Drug Delivery and Molecular Imaging in Glioblastoma
Last reported position: Field Application Scientist, Nanotemper Technologies, Watertown, MA

Class of 2024, Ernest R. **Cote**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Alarcon, Juan Marcos
Thesis: Impacts of Early Life Stress on Adult Emotive Behavior and the PFC-Amygdala Circuit
Last reported position: Adjunct Faculty, New York University,

Class of 2024, Matthew R. **Evrard**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Smith, Sheryl
Thesis: Circuit Breakers: $\alpha 4\beta\delta$ GABA-A Receptors Drive Adolescent Refinement of Neural Circuits in Prefrontal Cortex
Last reported position: Fellow, Uniformed Services University, Bethesda, MD

Class of 2024, Mulin **He**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng
Thesis: Inhibiting phosphatidylcholine remodeling in adipose tissue increases insulin sensitivity
Last reported position: Postdoctoral Research Fellow, Joslin Diabetes Center, Harvard University, Boston, MA

Class of 2024, Charles **Karrasch**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Danias, John
Thesis: Regulation of retinal development and function by Cellular Communication Network Factor 2 (CCN2)
Last reported position: Post-Doctoral Fellow, Ophthalmology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2024, Craig F. **Kelley**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Lytton, William
Thesis: Multiscale computer modeling of brain excitability: applications to spreading depression and neuronal impedance
Last reported position: Postdoctoral Research Fellow, Biomedical Engineering, Columbia University College of Physicians and Surgeons, New York, NY

Class of 2024, Timothy **Morello**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Orman, Rena, Richard Kollmar and Mark Stewart
Thesis: The architecture of claustrum and related limbic cortical regions in *Carollia perspicillata* revealed by latexin and calcium-binding proteins
Last reported position: Post-Doctoral Fellow, Ophthalmology, The Johns Hopkins Institute, Baltimore, MD

Class of 2024, Alexandra H. **Seidenstein**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Aoizerat, Bradley
Thesis: Gene expression changes in response to PTSD: a multi-cohort approach to discovering the biological correlates of PTSD and exploration of its relationship to HIV Pathogenesis
Last reported position: Orthopedic Surgery Resident, Orthopedics, The Johns Hopkins School of Medicine, Baltimore, MD

Class of 2024, Sofia **Tortora-Morel**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Martello-Rooney, Laura
Thesis: Oral/gut microbiome and inflammatory markers in African American colon cancer patients
Last reported position: Post-Doctoral Fellow, Immunology, Memorial Sloane-Kettering Cancer Center, New York, NY

Class of 2023, Natasha L. **Bobrowski-Khoury**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Quadros, Ed
Thesis: Modeling exposure to folate receptor alpha antibody during neural development to understand its clinical significance.

Last reported position: Landreth Postdoctoral Fellow, Department of Neurology, Massachusetts General Hospital, Boston, MA

Class of 2023, David F. **Havlicek**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bergold, Peter
Thesis: Moderate-to-severe closed head injury induces a chronic oligodendrocytic tauopathy.
Last reported position: Residency, Department of Neurosurgery, Ohio State University,

Class of 2023, Shwetha S. **Phatarpekar**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Hernandez, Ivan
Thesis: The Role of ribosomal RNA in Autism spectrum disorder (ASD).
Last reported position: Post-Doctoral Fellow, Institute for Genomic Health, SUNY Downstate Health Sciences University,

Class of 2023, Milena **Rodriguez-Alvarez**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Alarcon, Juan Marcos
Thesis: Physiological and clinical insights on autonomic modulation of the inflammatory reflex
Last reported position: Clinical Assistant Professor, Department of Medicine, Rheumatology Division, SUNY Downstate Health Sciences University,

Class of 2023, Marzia **Spagnardi**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Martello-Rooney, Laura
Thesis: IL-1beta pathway and Colon Cancer: relationship and therapeutic implications in novel colon cancer cell lines derived from African American patients.
Last reported position: Post-Doctoral Fellow, Department of Microbiology, New York University, Langone Medical Center, New York, NY

Class of 2022, Sheerin **Alandejani**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Norin, Allen
Thesis: Identification and Cytolytic Function of a Novel NK Cell Surface Receptor that Binds Haymaker on the K562 Leukemia Cell Line
Last reported position: Researcher, Saudi National Guard Research Center, Riyadh, Saudi Arabia

Class of 2022, Evan **Austin**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jagdeo, Jared
Thesis: Red Light from Light-Emitting Diodes as a Melanoma Therapy
Last reported position: Resident, Dermatology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2022, Robert G.W. **Colbourn**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Hrabetova, Sabina
Thesis: Rapid Volume Pulsations of the Brain's Extracellular Space Underlying Seizures
Last reported position: Resident, Anatomic Pathology and Neuropathology, University of Pennsylvania, Philadelphia, PA

Class of 2022, William R. **Fyke**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Pietropaolo, Susanna and J-M Alarcon
Thesis: Identifying Therapeutic Targets for the Treatment of Fragile X Syndrome: Implications for Autism Spectrum Disorders
Last reported position: Resident, Pediatrics and Medical Genetics, New York Presbyterian - Columbia, New York, NY

Class of 2022, Sofya **Gindina**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Danias, John
Thesis: Neurocognitive and genetic influences on post-traumatic stress and risky alcohol use in trauma-exposed adolescent and young adult offspring from families enriched with Alcohol Use Disorders
Last reported position: Resident, Montefiore Medical Center, Bronx, NY

Class of 2022, Stacey **Saenz De Viteri**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Meyers, Jacqueline and Bernice Porjesz

Thesis: Neurocognitive and genetic influences on post-traumatic stress and risky alcohol use in trauma-exposed adolescent and young adult offspring from families enriched with Alcohol Use Disorders

Last reported position: Post-Doctoral Research Associate, School of Public Health, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2022, Joseph S. **Thomas**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Montclare, Jin

Thesis: The Use of Supercharged Coiled-Coil Proteins in Combination with Lipid Carriers for Efficient siRNA Delivery

Last reported position: Biopharma Research Associate, Bank of America, New York, NY

Class of 2021, Yeun-po **Chiang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng

Thesis: Effect of Sphingomyelin Synthase Gene Family, as Phospholipase Cs, on liver function

Last reported position: Postdoctoral Fellow, Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2021, Michael **Cupelli**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): El-Sherif, Mohamed

Thesis: Electrophysiological Effects of Cytokines on the Heart: an Exploration of the Multi-Hit Theory in Torsade de Pointes

Last reported position: Service Senior Research Scientist, Clinical Cardiology Research, NY Harbor Healthcare System, Brooklyn, NY

Class of 2021, John P. **Hessburg**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe

Thesis: Reward and Aversion Representation in the Primary Somatosensory, Primary Motor, and Dorsal Premotor Cortices of Non-Human Primates Completing a Motor Task

Last reported position: Resident, Pediatrics, University of Washington Childrens' Hospital, Seattle, WA

Class of 2021, Lindsay K. **Hill**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Montclare, Jin & Youssef Wadghiri, NYU

Thesis: The Design, Characterization, and Utilization of Self-Assembling Biomaterials for Diagnostic and Therapeutic Applications

Last reported position: Resident, Internal Medicine, University of Texas Southwestern, Dallas, TX

Class of 2021, Florenal **Joseph**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Chirico, William

Thesis: The role of yeast PARK9 (YPK9) in oxidative stress and peroxisomal proliferation

Last reported position: Adjunct Assistant Professor, Molecular Biology, Brooklyn College, Brooklyn, NY

Class of 2021, S M Golam **Mohiuddin**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Chaqour, Brahim

Thesis: Connective Tissue Growth Factor: An Important Extracellular Cue in Retinal Progenitor Cell Growth and Differentiation

Last reported position: Postdoctoral Fellow, Obstetrics and Gynecology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2021, Jenny E. **Paredes Sanchez**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Martello-Rooney, Laura

Thesis: Gene Expression, Cytokines and Response to Chemotherapy Differed in Tumors and Cell Lines from African and Caucasian American Colon Cancer Patients

Last reported position: Post-Doctoral Fellow, Immunology, Memorial Sloane-Kettering Cancer Center, New York, NY

Class of 2021, Emiliya M. **Storman**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Gintzler, Alan R.
Thesis: CNS Aromatase and Estrogen Receptors: Subcellular Organization and Its Functional Implications
Last reported position: Resident, Pediatrics, Northwell Cohen Children's Hospital, New Hyde Park, NY

Class of 2020, Abhimanyu **Amarnani**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher
Thesis: Mitf and the MiT Family Restrain B cell Autoreactivity
Last reported position: Resident with ABIM Research Pathway, Rheumatology, University of Southern California,

Class of 2020, Christine N. **Ghobrial**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Stewart, Mark
Thesis: Cardiac Lineage Protein 1 (CLP1) Plays a Distinct Role in Myocardial Infarction
Last reported position: Post-Doctoral Fellow, Microbiology & Immunology, Columbia University College of Physicians and Surgeons, New York, NY

Class of 2020, Yekaterina V. **Merkulova**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Penington, Nick and Keith Williams
Thesis: The Role of Intracellular Calcium and Adenosine Triphosphate in the Modulation of the Canonical Transient Receptor Potential Channels
Last reported position: Resident in Anatomic and Clinical Pathology, Beth Israel Deaconess Medical Center, Boston, MA

Class of 2020, Peiqi **Ou**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Huan, Chongmin
Thesis: SMS2 activates PKCzeta in germinal center B cells to eliminate lupus autoreactivity
Last reported position: Postdoctoral Fellow, Amgen, Inc, Thousand Oaks, CA

Class of 2020, Matthew J. **Regier**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Hernandez, A. Ivan
Thesis: The Role of Ribosome Biogenesis in Learning and Memory
Last reported position: Scientific Program Manager, Taconic Biosciences, Albany, NY

Class of 2020, Mohamed **Sherif**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Lytton, William
Thesis: Multiscale Computer Modeling to Investigate Schizophrenia Risk Genes/Proteins.
Last reported position: Assistant Professor, Psychiatry and Human Behavior, Carney Institute for Brain Science, Brown University, Warren Alpert Medical School, Providence, RI

Class of 2020, Kristen Rose **Whitney**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bergold, Peter
Thesis: Minocycline plus N-acetylcysteine is neuroprotective and improves functional outcomes when dosed at clinically relevant therapeutic time windows after experimental traumatic brain injury
Last reported position: Postdoctoral Fellow, Pathology, The Mount Sinai Medical Center, New York, NY

Class of 2020, Yao **Zhao**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe
Thesis: Sensorimotor Representations of Reward and Punishment and the Influence of Context in Brain Computer Interface Control
Last reported position: Algorithm Engineer, Pascall Systems, Boston, MA

Class of 2019, Olipriya **Das**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Kollmar, Richard
Thesis: The Role Of Otolin1 C1q Domain in Otolith Morphogenesis
Last reported position: Account Coordinator, Russo Partners, LLC, New York, NY

Class of 2019, Arman **Fesharaki-Zadeh**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bergold, Peter
Thesis: Interaction of Traumatic Brain Injury and Posttraumatic Stress Disorder: A Neurobehavioral & Inflammation Based Animal Study
Last reported position: Clinical Instructor in Neurology and Post-Doc, Neurology, Yale University, New Haven, CT

Class of 2019, Roza A. **George**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Coplan, Jeremy
Thesis: The Effects of Early Life Stress on the Kynurenic Pathway Contributing to the Development of Affective Disorders
Last reported position: Vice President of Technical Operations and Initiatives, Firstox, Inc., Irving, TX

Class of 2019, Hui **Jiang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng
Thesis: The Impact of Phospholipid on Lipoprotein Metabolism and Atherosclerosis
Last reported position: Fellow, Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2019, Nanda **Lahiri Mushtaq**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher
Thesis: Regulation of CD4 T Cells by MiT Family of Proteins
Last reported position: Associate, Career Development, Cheeky Scientist, New Hyde Park, NY

Class of 2019, Kristen **Lu**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hellen, Christopher and Tatyana Pestova
Thesis: A Divergent Mechanism of Initiation Mediated by Nedicistrovirus and Related Intergenic Region (IGR) IRESs
Last reported position: Associate Consultant, Pipeline & Launch Strategy, ZS Associates, Boston, MA

Class of 2019, Maria **Munoz-Sagastibelza**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Martello-Rooney, Laura
Thesis: Drug-loaded Microparticles as a Novel Drug Delivery Approach against Pancreatic Cancer
Last reported position: Medical Science Liaison, US Medical Affairs - Hematology, AstraZenica, Gaithersburg, MD

Class of 2019, Julie A. **Parato**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Smith, Sheryl
Thesis: Mechanistic Insight into Dendritic Spine Pruning of the Hippocampus during Adolescence
Last reported position: Postdoctoral Fellow, Pathology & Cell Biology, Columbia University,

Class of 2018, Ankuri **Desai**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Quadros, Ed
Thesis: The role of folate in brain development and function: folate receptor autoimmune disorders
Last reported position: Resident, Dermatology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2018, Rachelle C. **Dugue**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Ling, Douglas
Thesis: The Effect of the Calpain Inhibitor Gabadur on Traumatic Brain Injury
Last reported position: Resident, Neurology, New York Presbyterian-Columbia University Medical Center, New York, NY

Class of 2018, Rafael E. **Flores-Obando**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Abrams, Charles
Thesis: The role of mutations in Connexin47 (Cx47) in myelinating cells of the central nervous system (CNS).
Last reported position: Post-Doctoral Fellow, Neurology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2018, Arjun **Kumar**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Gintzler, Alan
Thesis: Sexually Dimorphic Regulation of the Spinal Endomorphin 2 Antinociceptive System

Last reported position: Resident, Psychiatry, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2018, David **McNiel**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe

Thesis: The Response of Reward Modulated Activity in Primary Somatosensory Cortex Generated During Performance of a Somatosensory Based Psychophysical Task

Last reported position: Resident, Interventional Radiology, University of Arizona, Tucson, Tucson, AZ

Class of 2018, Alaa A **Sirwi**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmooe

Thesis: The role of Microsomal Triglyceride Transfer Protein in the Brain and the Pancreas.

Last reported position: Assistant Professor of Cell Biology and Biotechnology, Department of Alternative Medicine, Faculty of Pharmacy, King Abdulaziz University, Jeddah, Saudi Arabia

Class of 2018, Venkata S. Aditya **Tarigoppula**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe

Thesis: Neural activity in the primary motorcortex is reminiscent of the temporal difference reinforcement learning

Last reported position: Research Scientist, Advanced Bionics LLC, Valencia, CA

Class of 2017, Sara **Abou Merhi Irani**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: MicroRNA-30c Mitigates Hypercholesterolemia and Atherosclerosis in Mice

Last reported position: Embryologist, Advanced Fertility Center of Chicago, Gurnee, IL

Class of 2017, Sergio L. **Angulo Castro**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Moreno, Herman

Thesis: Alzheimer's Disease and Calcium Dynamics in Subicular Pyramidal Neurons

Last reported position: Resident, Neurology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2017, Kamala **Anumukonda**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher AJ

Thesis: Role of the gene regulators TFEB and TFE3 in Macrophages and B cells

Last reported position: Fellow, Physiology & Pharmacology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2017, Kaveri **Arora**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Quadros, Ed

Thesis: The TCbIR/CD320 KO mouse: A model to study the effects of vitamin B12 deficiency.

Last reported position: Fellow, Urology, Weill Cornell Medical Center, New York, NY

Class of 2017, Peng **Gao**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe and Jeffrey Goodman

Thesis: Molecular Changes in the Sensorimotor Cortex During Learning and Recall: Tracking and Manipulating PKMzeta.

Last reported position: Fellow, Neuroscience, University of Connecticut Health Center, Farmington, CT

Class of 2017, Danielle Flore **Joseph**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Blain, Stacy

Thesis: Regulation of Multiple Myeloma Cancer Cells Plasticity and Stemness by MIF-1

Last reported position: Researcher, Miltenyi Biotec, Boston, MA

Class of 2017, Inamul **Kabir**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng

Thesis: Impact of Cellular Lipid Composition Changes on Intestine Functions

Last reported position: Fellow, Yale Cardiovascular Research Center, Yale University School of Medicine, New Haven, CT

Class of 2017, Syed Faraz **Kazim**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bianchi, Riccardo

Thesis: Beneficial Effects of Early Treatments Promoting Neural Regeneration and Suppressing Network Hyperexcitability in Mouse Models of Alzheimer's Disease

Last reported position: Fellow, Neurosurgery, University of Louisville, Louisville, KY

Class of 2017, Benjamin B. **Lee**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Fenton, Andre

Thesis: Out-of-Context Activation of Memory: Limits of Stress-Induced Memory Enhancement

Last reported position: Resident, Epilepsy, Massachusetts General Hospital, Cambridge, MA

Class of 2017, Priyank P. **Patel**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Blain, Stacy

Thesis: The role of p27 Tyrosine phosphorylation in the G1-S phase cell cycle transition

Last reported position: Scientist, Concarlo Holdings, Brooklyn, NY

Class of 2017, Michael A. **Sangobowale**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bergold, Peter

Thesis: Minocycline plus N-acetylcysteine: A Novel therapeutic to treat traumatic brain injury

Last reported position: Fellow, Neurology, Pennsylvania Presbyterian Medical Center, Philadelphia, PA

Class of 2017, Emma Jane Claire **Wallace**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Fenton, Andre

Thesis: Experience Dependent Modulation of Hippocampal Synaptic Function

Last reported position: Resident, Psychiatry, Montefiore Medical Center/Albert Einstein College of Med, Bronx, NY

Class of 2017, Liye **Zhou**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: Identification of MicroRNAs Regulating Apolipoprotein Secretion

Last reported position: Principal Scientist, Novartis Pharmaceuticals, Cambridge, MA

Class of 2016, Mukta **Asnani**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Pestova, Tatiana and Christopher Hellen

Thesis: Investigation of the Mechanism of Translation Initiation on Divergent Type I Cadicivirus-A 5'UTR IRES and the two members of Iflavirus family

Last reported position: Senior Research Scientist, Memorial Sloane Kettering Cancer Center, New York, NY

Class of 2016, John Stephen **Choi**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe

Thesis: Model-based design of microstimulation encoders for somatosensory prostheses

Last reported position: Fellow, Center for Neuroscience, New York University, New York, NY

Class of 2016, Dino **Dvorak**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Fenton, Andre

Thesis: Measuring Neural Discoordination

Last reported position: Senior Director, Gilgamesh Pharmaceuticals, New York, NY

Class of 2016, Gavriel E. **Feuer**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Saha, Subrata

Thesis: Time-Dependent Flexural Properties of Cortical Bone

Last reported position: Senior Project Engineer, AM Surgical, Smithtown, NY

Class of 2016, Jordan Christopher **Iordanou**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe

Thesis: Examining the effects of PKMzeta Inhibition on Primary Sensory (S1) cortex in Rat and Non-Human Primate.

Last reported position: Resident, Surgery, SUNY Stony Brook University Hospital, Stony Brook, NY

Class of 2016, Usman Ali **Khan**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Moreno, Herman and Scott Small

Thesis: Imaging the Hippocampal Formation in Alzheimer's Disease

Last reported position: Resident, Neurosurgery, University of California San Diego Medical Center, San Diego, Ca

Class of 2016, Luis Martin **Pendola**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Saha, Subrata

Thesis: Microwave Sintering of Glass Ceramics

Last reported position: Fellow, New York University College of Dentistry, New York, NY

Class of 2016, Douglas S. **Pfeil**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Barbour, Randall and Daniel Lee

Thesis: High Density Near-Infrared Cerebral Monitoring in Cardiac Surgery: Prediction of Perioperative Cognitive Decline

Last reported position: Residence, Anesthesiology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2016, Carrie Chi-Hay **Poon**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Moreno, Herman

Thesis: Thrombopoietin Increases Peri-infarct Angiogenesis in Restoring Post-Stroke Sensory-Motor and Cognitive Functioning

Last reported position: Scientist, Amgen Corporation, San Francisco, CA

Class of 2016, Meghan **Walsh**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: Structure-Function Analysis of Microsomal Triglyceride Transfer Protein using Human Mutations

Last reported position: CDx Regulatory Affairs Manager, Amgen, Thousand Oaks, CA

Class of 2016, Meghan **Walsh**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: Structure-Function Analysis of Microsomal Triglyceride Transfer Protein using Human Mutations

Last reported position: Lead Scientist, Q2 Solutions, Morrisville, NC

Class of 2016, Fred **Xavier**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Saha, Subrata

Thesis: Regional variations in microstructure and biomechanical properties of the human vertebral endplate and trabecular bone

Last reported position: Fellow, Hospital for Special Surgery, New York, NY

Class of 2015, Konstantin **Astafurov**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Danias, John

Thesis: The Roles of Peripheral Inflammation and the Complement System in Glaucoma

Last reported position: Resident, Department of Ophthalmology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2015, Debapriya **Basu**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jin, Weijun

Thesis: Physiological role of hepatic Site-1 Protease in plasma and liver lipid homeostasis

Last reported position: Post-Doctoral Fellow, Department of Medicine, Division of Endocrinology, Diabetes and Metabolism, New York University, New York, NY

Class of 2015, Sally L. **Dricks**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Perkins, Katherine

Thesis: Effects of neonatal stress on gamma oscillations in hippocampus

Last reported position: Chief Executive Officer, BuntaPrises LLC, Brooklyn, NY

Class of 2015, Margalit **Haber**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bergold, Peter

Thesis: Minocycline plus N-acetylcysteine repairs the injured brain by modulating neuroinflammation and inducing remyelination

Last reported position: Transformation, Strategy and Operations, Precision Medicine, Amgen, Inc., Apex, NC

Class of 2015, Brandi T. **Marsh**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joe

Thesis: An Autonomous Brain Machine Interface

Last reported position: Resident, Department of Radiology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2015, Isaac C. **Naggar**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Stewart, Mark G.

Thesis: Acute and chronic autonomic and cardiac consequences of epileptic seizures in a rat model

Last reported position: Resident, Department of Neurology, Rutgers-Robert Wood Johnson Medical Center,

Class of 2015, Ang D. **Sherpa**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Hrabetova, Sabina

Thesis: Diffusive tortuosity can differentiate physiological and pathological changes in astrocytic volume

Last reported position: Senior Analyst, EM Partners, Newtown, PA

Class of 2015, Lindsay K. **Silva**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Dow-Edwards, Diana

Thesis: Effects of delta-9-tetrahydrocannabinol during the peripubertal period in the rat with a focus on early life experience

Last reported position: Research Scientist, PPD, Richmond, VA

Class of 2015, James **Soh**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: MicroRNA-30c Reduces Hyperlipidemia and Atherosclerosis by Decreasing Lipid Synthesis and Lipoprotein Secretion

Last reported position: Resident, Neurocritical Care, University of Pennsylvania,

Class of 2014, Sonia **Afroz**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Smith, Sheryl

Thesis: A Role for alpha 4 beta 2 delta GABA-A Receptors during the Critical Pubertal Period on Post-Pubertal Spine Pruning and Behavioral Flexibility

Last reported position: Post-Doctoral Fellow, University of California, Riverside, Riverside, CA

Class of 2014, Marcello M. **DiStasio**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Francis, Joseph T.

Thesis: Application of hemodynamic prefrontal cortex desirability signals as reinforcers in machine learning.

Last reported position: Resident in Pathology, Pathology, Beth Israel Deconess Medical Center, Boston, MA

Class of 2014, Peng **Hong**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Haploinsufficiency of Hexim1 Enhances Skeletal Muscle Regeneration by Promoting Satellite Cell Post-Injury Expansion

Last reported position: Research Scientist, Brooklyn VA Medical Center, Brooklyn, NY

Class of 2014, Stephanie N. **Ishack**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Ricci, John

Thesis: The Use of Three-Dimensionally Printed beta-Tricalcium Phosphate/Hydroxyapatite to Understand the Regulation of Adenosine Receptors in Osteoclast Formation and Promotion in Bone Regeneration

Last reported position: Post-Doctoral Fellow, NYU Medical Center, New York, NY

Class of 2014, Joby **Josekutty**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: Treating Hyperlipidemias by Targeting the Microsomal Triglyceride Transfer Protein.

Last reported position: Resident in Emergency Medicine, Emergency Medicine, Long Island Jewish Medical Center, New Hyde Park, NY

Class of 2014, Maria **Lopez-Ocasio**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher A.J.

Thesis: MiT Family of Transcription Factors Regulates B cell Development and Immune Tolerance

Last reported position: Post-Doctoral Fellow, National Institute of Allergy and Infectious Diseases, Bethesda, MD

Class of 2014, Svetlana **Rabinovich**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Parks, Christopher and Chiuchulo and Lindsay

Thesis: Design of replicating VSV vectors expressing HIV Envelope trimers and Preclinical Evaluation of Immune Responses Elicited by Candidate Vaccines

Last reported position: , Dermatology, Houston Dermatology Associates, Houston, TX

Class of 2014, Perry J. **Tiberio**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Jurgens, Christy and Christopher Parks

Thesis: ENVolution: Immunoselection of Novel HIV Envelope Immunogens for HIV Vaccine Development.

Last reported position: Resident in Medicine - HIV Primary Care, Yale New Haven Hospital, New Haven, CT

Class of 2014, Shweta **Varshney**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Brunken, William J.

Thesis: Role of laminins containing beta2 and gamma3 chains in regulating retinal neurogenesis and morphogenesis

Last reported position: Post-Doctoral Research Fellow, Cell Biology, Albert Einstein College of Medicine, Bronx, NY

Class of 2014, Jian **Zhuang**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Barone, Frank

Thesis: Early thrombopoietin intervention in stroke: Requirement for thrombopoietin receptor for brain and behavioral protection.

Last reported position: Scientist, Avatar Biotechnologies,

Class of 2013, Rabah **Al Abdi**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Barbour, Randall

Thesis: Optomechanical imaging system for breast cancer detection.

Last reported position: Associate Professor and Chairman, Biomedical Engineering, Jordan Institute of Science and Technology, Irbid 22110

Class of 2013, Patricia L. **Bettinger**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher A.J.

Thesis: The role of TFE3 and TFEB in the differentiation of the CD4+ T cells and the development of autoimmunity.

Last reported position: Immunologist, Precision Biosciences, Durham, NC

Class of 2013, Kevin A. **Bolding**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Muller, Robert U.

Thesis: Effects of altered activity on local field potential oscillations and place-coding in the hippocampus

Last reported position: Assistant Member, Monell Chemical Senses Center, Monell Center Advancing Discovery in Taste and Smell, Philadelphia, PA

Class of 2013, Mark **Farber**, M.D./Ph.D., Biomedical Engineering, Thesis Sponsor(s): Fox, Steven

Thesis: Simultaneous functional diffuse optical tomography and EEG in freely moving rats

Last reported position: Resident, University of South Florida, Tampa,

Class of 2013, Gopalan **Gnanaguru**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Brunken, William
Thesis: Role of laminins containing beta2 and gamma3 chains in regulating retinal angiogenesis
Last reported position: Post-doctoral Fellow, Ophthalmology, Harvard Medical School, Boston, MA

Class of 2013, Marine **Grigoryan**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Teitelman, Gladys
Thesis: Regulation of Mouse Intestinal L Cell Progenitor Proliferation by the Glucagon Family of Peptides
Last reported position: Post-doctoral Fellow, National Institute of Biomedical Imaging and Bioengineering, National Institutes of Health, Bethesda, MD

Class of 2013, Changchi **Hsieh**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Sacktor, Todd C.
Thesis: The Role of de novo Synthesis of PKM ζ in Dorsal Hippocampus during Long-term Potentiation and Spatial Memory Storage.
Last reported position: Post-doctoral Fellow, Physiology & Pharmacology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2013, Shao-Chiang **Lai**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Quadros, Edward
Thesis: Biological effects of Inactivating TCbIR/CD320: The Gene Encoding the Receptor for Cellular Uptake of Transcobalamin-bound Cobalamin
Last reported position: Assistant Professor, Department of Microbiology and Molecular Cell Biology, Eastern Virginia Medical School, Norfolk, VA

Class of 2013, Fanli **Meng**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Kass, Ira
Thesis: Mechanisms by which volatile anesthetics improve the recovery of hippocampal slice CA1 pyramidal neurons after hypoxia
Last reported position: Associate Researcher, Genetics and Genomic Sciences, The Mount Sinai School of Medicine, New York, NY

Class of 2013, Hanh T. **Nguyen**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Parks, Christopher
Thesis: Characterization of the HIV-1 membrane-proximal external region broadly neutralizing antibodies and their epitopes
Last reported position: Post-doctoral Fellow, Cancer Immunology and AIDS, Harvard Medical School, Boston, MA

Class of 2013, Nora K. **Silverman**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Dow-Edwards, Diana
Thesis: The Role of delta-containing GABAA Receptors in Sexually Dimorphic Responses to Cocaine Sensitization
Last reported position: Resident, Ophthalmology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2013, Lee M. **von Kraus**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Chapin, John and Joe Francis
Thesis: Short and Long Term Maintenance of Sensorimotor Memories and Maps by PKMzeta Dependent LTP
Last reported position: Co-Founder and Chief Scientist, Rocean, Brooklyn, NY

Class of 2013, Amirfarbod **Yazdanyar**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng
Thesis: The Role of Hepatic Phospholipid Transfer Protein in Lipoprotein Metabolism
Last reported position: Resident, Ophthalmology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2012, Michaelangelo G. **Fuortes**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Merlin, Lisa
Thesis: Group I mGluR-driven ictogenesis and epileptogenesis.

Last reported position: Resident, Diagnostic Radiology, University of Iowa, Carver School of Medicine, Iowa City, IA

Class of 2012, Natalia M. **Grin'kina**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Wadgaonkar, Rajendra
Thesis: Sphingosine kinase 1 in septic brain injury.

Last reported position: Scientific Associate, NomoCan Pharmaceutical LLC, Brooklyn, NY

Class of 2012, Haekyung **Lee**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Zhang, Ming
Thesis: The critical link between intracellular responses and innate autoimmunity in ischemia-reperfusion injury.

Last reported position: Post-doctoral Fellow, The Icahn School of Medicine at Mount Sinai, New York, NY

Class of 2012, Samuel **Neymotin**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Lytton, William

Thesis: Oscillations and information transfer in neocortex and hippocampus.

Last reported position: Research Scientist, Center for Biomedical Imaging & Neuromodulation, Nathan Klein Institute, Orangeburg, NY

Class of 2012, Paula **van de Nes**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Sacktor, Todd C.

Thesis: Long-term stabilization of PKMzeta in dendritic spines _in vitro_ and differential PKMzeta protein regulation in environmental enrichment _in vivo_.

Last reported position: EVP, Group Director, Medical Strat & Scientific Affairs, Light the Way, Neon, and IPG Health Company, New York, NY

Class of 2012, Jennifer L. **Winkler**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Teitelman, Gladys

Thesis: Inhibition of Connective Tissue Growth Factor prevents increase in extracellular matrix modules in a rodent model of Diabetic Retinopathy.

Last reported position: Clinical Research Nurse Coordinator, Center for Vaccine Development and Global Health, University of Maryland School of Medicine, Baltimore, MD

Class of 2011, Bani Mekishaesk **Azari**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Marmur, Jonathan and Anna Babinska

Thesis: The Role of the Cellular Adhesion Molecule F11R/JAM-A in Atherosclerosis

Last reported position: Residency in Internal Medicine, St. Luke's Roosevelt,

Class of 2011, Marc Justin **Braunstein**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Batuman, Olcay

Thesis: Vascular Progenitor Cells in Multiple Myeloma: Genomic Characterization and Clinical Significance

Last reported position: Residency in Internal Medicine (Heme-Onc), NYU Langone, New York, NY

Class of 2011, Mahua **Chakraborty**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng

Thesis: Reduced Serine palmitoyltransferase activity in macrophages ameliorates atherosclerosis in mouse model.

Last reported position: , FMCG R&D Experience, Bengaluru, Karnataka, India

Class of 2011, Pratik Yashvant **Chhatbar**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Chapin, John and Joe Francis

Thesis: Towards implementing impedance control in sensorimotor neuroprostheses

Last reported position: Research Assistant Professor, Neurology, Duke University,

Class of 2011, Michael Anthony **Dattilo**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Williams, Keith and Nicholas Penington

Thesis: Regulation of TRPC5 Channels by Intracellular ATP

Last reported position: Assistant Professor, Ophthalmology, Emory University College of Medicine, Atlanta, GA

Class of 2011, Lauren C. **Harte-Hargrove**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Dow-Edwards, Diana

Thesis: Spontaneous Withdrawal from THC during Adolescence: Sex Differences in Locomotor Activity and Anxiety

Last reported position: Post-Doctoral Fellow, Child Study Center, New York University, New York, NY

Class of 2011, Wenxia **Jiang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Quadros, Ed

Thesis: The structural and functional characterization of TCbIR/CD320, the receptor for the cellular uptake of transcobalamin-bound vitamin B12

Last reported position: Postdoctoral Research Scientist, Herbert Irving Cancer Center, Columbia University College of Physicians and Surgeons, New York, NY

Class of 2011, Hsin-Yi **Kao**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Fenton, Andre

Thesis: Association between neural discoordination and impaired cognitive control in a schizophrenia-related animal model

Last reported position: Postdoctoral Research Scientist, Center for Neural Science, New York University, New York, NY

Class of 2011, Irani **Khatun**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: Role of Phospholipid Transfer Activity of MTP in Promoting Lipoprotein Assembly, Molecular Mechanisms and Structural Implications

Last reported position: , Pfizer Incorporated, Cambridge, MA

Class of 2011, Farinaz **Safavi**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Mokhtarian, Foroozan

Thesis: Antibody to / immunization with a peptide of Semliki Forest Virus(SFV) promotes remyelination in SFV and in experimental autoimmune encephalomyelitis (EAE) models of Multiple Sclerosis (MS) -Role of gamma delta T cells

Last reported position: Postdoctoral Research Fellow, Neurology, Thomas Jefferson University, Philadelphia, PA

Class of 2011, Jacob **Samba**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Stewart, Mark

Thesis: Polyamines and the N-Methyl-D-Aspartate receptor: functional studies of receptor modulation in Xenopus oocytes and rat hippocampal slices

Last reported position: , Ross Medical College,

Class of 2011, Ehsun **Sarafraz-Yazdi**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Pincus, Matthew and Josef Michl

Thesis: Mechanism of Action of Novel Anti-Cancer Peptide, PNC-27, that Selectively Kills Cancer Cells

Last reported position: Clinical Assistant Instructor, Division of Gynecologic Oncology, Department of OB/GYN, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2011, Sadeaqua S. **Scott**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Batuman, Olcay

Thesis: Progenitor Cells in Multiple Myeloma: In vivo Characterization and Clinical Significance

Last reported position: Founder and CEO, Urban Health Science Initiative, Inc., Brooklyn, NY

Class of 2011, Mulugeta **Semework**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Francis, Joseph T.

Thesis: Microstimulation for Somatosensory Neuroprosthesis: Mapping direct responses and afferent modulation in somatosensory cortex and ventral posterolateral thalamus subnuclei

Last reported position: Postdoctoral Fellow, Columbia University College of Physicians and Surgeons, New York, NY

Class of 2011, Rachna **Sondhi**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Sacktor, Todd C.

Thesis: PKMzeta Maintains Postsynaptic Structures in Dissociated Hippocampal Neurons: A Mechanism for Memory Maintenance

Last reported position: Dermatologist, Bucay Center for Dermatology and Aesthetics, San Antonio, TX

Class of 2010, Giuseppina **Galatioto**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Cardiac Lineage Protein 1 (CLP-1), an Inhibitor of Positive Transcription Elongation Factor b (P-TEFb), Plays a Regulatory Role in Skeletal Muscle Cell Differentiation

Last reported position: Fellow, The Mount Sinai College of Medicine, New York, NY

Class of 2010, Eddy **Karnabi**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Boutjdir, Mohamed

Thesis: Autoimmune Associated Congenital Heart Block: Pathogenic Cross Reactivity With Cardiac L-Type Calcium Channels

Last reported position: Residency in Internal Medicine, Hospital of St. Raphael,

Class of 2010, Ajay Ramesh **Kashi**, Ph.D., Biomedical Engineering, Thesis Sponsor(s): Saha, Subrata

Thesis: Microwave Sintering of Esthetic Dental Materials

Last reported position: Dental Resident, Eastman Institute for Oral Health, University of Rochester,

Class of 2010, Hai **Lin**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Muller, Robert U.

Thesis: Recurrent Seizures Lead to Progressive Silencing of Hippocampal Neuronal Activity, Slowing of Theta Oscillations and Coarsening of Spatial Navigation Precision

Last reported position: Postdoctoral Fellow, Neuroscience, Harvard Medical School, Boston, MA

Class of 2010, Jing **Liu**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng

Thesis: The Role of Sphingomyelin in the Lipid Metabolism and Atherosclerosis.

Last reported position: Fellow, Columbia University College of Physicians and Surgeons, New York, NY

Class of 2010, Sarah Elizabeth **Nataraj**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Blain, Stacy

Thesis: Characterization of G1 Phase Entry and Progression and the Cyclin-Dependent Kinases that Regulate these Processes

Last reported position: Research Assistant, Memorial Sloane-Kettering Cancer Center, New York, NY

Class of 2010, Omar M. **Ramadan**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Boutjdir, Mohamed

Thesis: Molecular and Functional Mechanisms of PKA and PKC Phosphorylation of α_1D L-type Calcium Channel

Last reported position: Fellow, George Washington University Medical Center, Washington, DC

Class of 2010, Yingpu **Yu**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hellen, Christopher

Thesis: Interaction of eukaryotic initiation factors eIF1A and eIF4G with the ribosome and assembly of ribosomal initiation complexes on Picornavirus IRESs

Last reported position: Fellow in Virology and Infectious Disease, The Rockefeller University, New York, NY

Class of 2009, Kezhi **Dai**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: Microsomal triglyceride transfer protein regulated by NR2F1 and IRE1 β determines chylomicron production

Last reported position: Postdoctoral Fellow, Weill Cornell Medical College, New York, NY

Class of 2009, Jorge A. **Espinoza-Derout**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Siddiqui, M.A.Q.
Thesis: Pivotal role of Cardiac Lineage Protein-1 (CLP-1) in Positive Transcriptional Elongation Factor b complex activity in cardiac hypertrophy.

Last reported position: Assistant Professor (CDU) Adjunct Assistant Professor (UCLA), Charles R. Drew University, David Geffen School of Medicine, Los Angeles, CA

Class of 2009, Farid **Hamzei-Sichani**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Traub, Roger
Thesis: Gap junctions in hippocampal principal neurons

Last reported position: Assistant Professor, Neurological Surgery, UMass Memorial Medical Center, Worcester, MA

Class of 2009, Melissa K. **James**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Blain, Stacy
Thesis: Tyrosine phosphorylation of p27KIP1 affects its ability to inhibit cyclin D-CDK4

Last reported position: Research Associate, Medicine, Albert Einstein College of Medicine, Bronx, NY

Class of 2009, Eduard **Kelemen**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Fenton, Andre
Thesis: Hippocampal neuronal mechanisms of coordination of two concurrently relevant spatial representations

Last reported position: Post-doctoral Fellow, Institut of Medical Psychology and Behavioral Neurobiology, Tubingen, Germany

Class of 2009, Heng **Liu**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Teitelman, Gladys

Thesis: Identification of adult pancreatic β precursor cells and their role in islet neogenesis

Last reported position: Scientist, HD Biosciences, Shanghai, PRC

Class of 2009, Irena **Manukyan**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Calcineurin and Jak2 Signaling Induce Expression of Cardioprotective β -crystallin Gene in Response to Cardiac Hypertrophic Signals

Last reported position: Clinical Fellow, National Institutes of Health, Bethesda, MD

Class of 2009, Arpita **Ray**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Blain, Stacy

Thesis: Structural and Biochemical Characterization of the p27-cyclin D-cdk4 complex

Last reported position: Fellow, The Mount Sinai Medical Center, New York, NY

Class of 2009, Anna **Rozenboym**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Chapin, John

Thesis: Effects of microstimulation and ketamine anesthesia on neural responses in somatosensory system: a case for pairwise correlation method for data analysis

Last reported position: Professor, Biological Sciences, Kingsborough Community College, Brooklyn, NY

Class of 2009, Alejandro **Salah**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Perkins, Katherine

Thesis: Effect of group I metabotropic glutamate transmission on in vitro interictal- and ictal-like epileptiform activity and characterization of a new in vitro model of eliptogenesis.

Last reported position: Fellow, Physiology and Neuroscience, NYU Medical Center, New York, NY

Class of 2009, Michael **Shy**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Gintzler, Alan

Thesis: Plasticity of opioid adaptations to chronic morphine

Last reported position: Resident, Baylor College of Medicine, Houston, TX

Class of 2009, Jonathan **Silverberg**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Durkin, Helen and Mark Stewart

Thesis: Immune responses in murine brain early after seizure induction by frontal electric stimulation

Last reported position: Associate Professor, Dermatology, George Washington U. School of Medicine and Health Sci.s, Washington, DC

Class of 2009, Brendan P. **Smith**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher A.J.

Thesis: The Surrogate Light Chain differentially utilizes its Ig and non-Ig domains to screen IgHCs for structural integrity

Last reported position: Anesthesiologist, Anesthesiology, Highline Medical Center, Galveston, TX

Class of 2009, Domenico **Viterbo**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Zenilman, Michael

Thesis: Functional Characterization of Pancreatitis Associated Protein 2 In Acute Pancreatitis and Its Effect on Macrophages

Last reported position: Resident, Internal Medicine, Yale University Medical Center, New Haven, CT

Class of 2008, Jeremy M. **Barry**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Muller, Robert U.

Thesis: Rapid updating of the hippocampal representation of space

Last reported position: Associate Professor, Neurological Sciences, University of Vermont, Burlington, VT

Class of 2008, Dov Berish **Ginsburg**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Durkin, Helen

Thesis: Increases in activated microglia/macrophages in murine brain early after a seizure induced by electrical stimulation.

Last reported position: Instructor, Anesthesiology, Nassau University Medical Center, Cedarhurst, NY

Class of 2008, Tiruneh **Hailemariam**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng

Thesis: The Role of Sphingomyelin Synthases in Cellular Sphingomyelin Metabolism and NF κ B Activation

Last reported position: Senior Clinical Project Leader, BD Life Sciences, Franklin Lakes, NJ

Class of 2008, Daisy **Lin**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Tiedge, Henri

Thesis: Dendritic BC1 RNA Inhibits Translation by Targeting Initiation Factors eIF4A and PABP

Last reported position: Project Manager, Neurosurgery, Weill-Cornell Medical Center, New York, NY

Class of 2008, Susanna **Popp**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Kass, Ira

Thesis: Effects of low-dose lidocaine administration on recovery after transient global cerebral ischemia in rats.

Last reported position: Research Fellow, AbbVie Deutschland GmbH & Co KG, Weisbaden, Germany

Class of 2008, Paul Stephen **Rava**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: The Evolution of Microsomal Triglyceride Transfer Protein and its Role During the Assembly of ApoB-lipoproteins

Last reported position: Assistant Professor, Radiation-Oncology, UMass Memorial Medical Center, Boston, MA

Class of 2007, Kamran **Anwar**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood

Thesis: Vitamin E Transport: Dual Pathways Contribute to Intestinal Absorption

Last reported position: Research Associate, Vascular Biology Institute, Winthrop University Hospital, Mineola, NY

Class of 2007, Ewa Beata **Bajor**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher A.J.
Thesis: Enforced Expression of the Surrogate Light Chain alters B Cell Development
Last reported position: Physician, Anatomic Pathology, Clinical and Laboratory Pathology, Hematologic Pathology, Emory Healthcare Network, Atlanta, GA

Class of 2007, Mark Joseph **Bluth**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Norin, Allen
Thesis: Characterization of Haymaker-DNAJB6 Protein Interaction by Two -hybrid Analysis.
Last reported position: Fellow in Dermatology, Weill-Cornell Medical College, New York, NY

Class of 2007, Getaw Worku **Hassen**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Mokhtarian, Foroozan
Thesis: A Novel calpain inhibitor for the treatment of experimental autoimmune encephalomyelitis (EAE)
Last reported position: Resident, Emergency Medicine, Metropolitan Hospital, New York, NY

Class of 2007, Yin-Yao **Lin**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Zenilman, Michael
Thesis: Pancreatitis Associated Protein (PAP) and acute pancreatitis
Last reported position: Fellow, Viral Pathology, Beth Israel Deaconess Medical Center, Boston, MA

Class of 2007, Ruijie **Liu**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng
Thesis: The role of phospholipid transfer protein (PLTP) in lipoprotein metabolism and atherosclerosis
Last reported position: Postdoctoral Research Scientist, Otolaryngology / Head and Neck Surgery, Columbia University, NYC,

Class of 2007, Gang Eric **Wang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Gick, Gregory
Thesis: Regulation of Na,K-ATPase alpha1 and beta1 subunit gene expression by low external K in neonatal rat cardiac myocytes
Last reported position: Fellow, Pharmacology Department, Weill Medical College of Cornell University, New York, NY

Class of 2006, Eric C. **Anderson**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Feuerman, Miriam
Thesis: Identification and Characterization of MCM8 as a Candidate for Afr2:A Regulator of Gene Expression During Liver Regeneration
Last reported position: Assistant Professor of Medicine, Medicine, Oregon Health and Science University (OHSU), Portland, OR

Class of 2006, Erin **Gilbert**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bergold, Peter
Thesis: The Effects of Exogenous Lactate on Hippocampal Intermediary Metabolism
Last reported position: , Private Practice, New York, NY

Class of 2006, Fatma Betul **Guloglu**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher A.J.
Thesis: Regulation of early B cell development by Immunoglobulin and surrogate light chain structure
Last reported position: Research Fellow, Molec Microbio & Immunology, University of Missouri - Columbia, Columbia, MO

Class of 2006, Raquibul **Hannan**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Michl, Josef
Thesis: PaCa-Ag1, a candidate pancreatic cancer - specific tumor marker
Last reported position: Professor of Radiation Oncology, Urology and Immunology, Radiation Oncology, UT Southwestern Medical Center, Dallas, TX

Class of 2006, Mohammad R. **Hojjati**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng
Thesis: The effect of serine palmitoyltransferase on sphingolipid metabolism and atherosclerosis
Last reported position: Cardiologist, Gilbert Cardiology, Gilbert, AZ

Class of 2006, Chongmin **Huan**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Roman, Christopher A.J.
Thesis: TFE3 and TFEB are E-cadherin and CD40 Ligand transcription activators
Last reported position: Research Scientist, Transgenic Facility, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2006, Jian **Huang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Laurent, Brehon
Thesis: The roles of yeast RSC chromatin-remodeling complex in genomic transmission and genome stability
Last reported position: Research Fellow, Medicine and Cell and Developmental Biology, University of Pennsylvania, Philadelphia, Philadelphia, PA

Class of 2006, Wenfei **Kang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McLeod, Maureen
Thesis: Regulation of Ste11, a Pivotal HMG Box Transcription Factor for Differentiation in *Schizosaccharomyces pombe*
Last reported position: Research Fellow, Neuroscience, Albert Einstein College of Medicine, Bronx, NY

Class of 2006, Petru Codrin **Nemes**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Wershil, Barry
Thesis: An alternative pathway of mast cell activation in gastrointestinal inflammation
Last reported position: , Northshore Long Island Jewish Medical Center, Forest Hills, NY

Class of 2006, James **Park**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Feuerman, Miriam
Thesis: Models of Afr2 Regulation of Alpha-Fetoprotein Gene Expression during Liver Regeneration
Last reported position: Resident, General Surgery, Saint Barnabus Medical Center, Livingston, NJ

Class of 2006, Richard **Pomerantz**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McAllister, William T.
Thesis: Studies of Transcription Fidelity by T7 RNA Polymerase, and the Potential Applications of T7 RNA Polymerase as a Molecular Motor
Last reported position: Assistant Professor, Medical Genetics and Molecular Biochemistry; Fels Inst. for Cancer Res. & Mole. Bio, Lewis Katz School of Medicine, Temple University, Philadelphia, PA

Class of 2006, Marjorie **Rico**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Merlin, Lisa
Thesis: Phospholipase D and group I mGluR-mediated epileptogenesis.
Last reported position: Ophthalmological Surgery, Staten Island Physician Practice, Staten Island, NY

Class of 2006, Min **Wang**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Wong, Robert K.S.
Thesis: Group I mGluR activation-induced TRPC trafficking in hippocampal neurons.
Last reported position: Research Fellow, Material and Biology, Dental School of the University of Michigan, Ann Arbor,

Class of 2005, Avraham Yakov **Bluestone**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Hielsher, Andreas
Thesis: Three Dimensional Optical Tomographic Imaging of the Brain
Last reported position: Radiologist, SUNY Stony Brook, Stony Brook, NY

Class of 2005, Kun **Cai**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McLeod, Maureen

Thesis: The Sak1 RFX-like transcription factor is an important regulator of cell cycle progression and meiotic development in *Schizosaccharomyces pombe*

Last reported position: Fellow in Physiology, Weill Medical College of Cornell University, New York, NY

Class of 2005, Jing-mei **Hsu**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Laurent, Brehon

Thesis: Budding yeast ATP-dependent chromatin-remodeling complex RSC functions in chromosome transmission.

Last reported position: Resident in Internal Medicine, Robert Wood Johnson Medical School, University of Medicine & Dentistry, New Jersey,

Class of 2005, Matthew **Kelly**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Sacktor, Todd C.

Thesis: Characterization of atypical Protein Kinase C and its phosphorylation state in Long-Term Potentiation

Last reported position: Preclinical Study Director, Medtronic Physiologic Research Laboratories, Minneapolis, MN

Class of 2005, Jie **Ma**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Kirchgessner, Annette

Thesis: Mechanisms of glucose sensing in the enteric nervous system

Last reported position: Fellow, General Clinic Center, North Shore General, New Hyde Park, NY

Class of 2005, Kaiyu **Ma**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McAllister, William T.

Thesis: Characterization of conformation changes occurring during transcription by T7 RNA polymerase

Last reported position: Research Fellow, Internal Medicine, University of Michigan, Ann Arbor, Ann Arbor, MI

Class of 2005, Na **Ma**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McAllister, William T.

Thesis: RNA displacement in transcription by T7 RNAP; Effects of mutations that affect refolding of the N-terminal subdomain of T7 RNA polymerase on the transition from initiation to elongation; What happens when two RNA polymerases collide head-on

Last reported position: Physician, Private Practice, Syosset, NY, Syosset, NY

Class of 2005, Rena **Orman**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Stewart, Mark

Thesis: Learning-related changes in the levels of protein kinase C beta II in rat lateral/basolateral amygdala in vivo and in vitro: effects of conditioning and laterality.

Last reported position: Assistant Professor, Physiology and Pharmacology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2005, Quan **Sha**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Jacobs, David

Thesis: The Interaction of IGF-1 and Estradiol on Na^+-K^+ -ATPase in Vascular Smooth Muscle Cells

Last reported position: Fellow, Biochemistry Department, New York Blood Center, New York, NY

Class of 2005, Zhi **Sheng**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Chirico, William

Thesis: 18-kDa fibroblast growth factor-2 directly regulates ribosomal RNA transcription in the nucleolus.

Last reported position: Assistant Professor, Department of Internal Medicine, Virginia Tech Carilion Research Institute, Department of Biomedical Sciences and Pathobiology, College of Veterinary Medicine, Virginia Tech, Roanoke, VA

Class of 2005, Annelyn **Torres-Reverón**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Dow-Edwards, Diana

Thesis: Prenatal cocaine exposure: evaluation of behavioral and functional effects in adolescent rats in response to methylphenidate administration

Last reported position: Assistant Professor of Research, Biomedical Sciences, University of Texas Rio Grande Valley,

Class of 2004, Daniel Lincoln **Beckles**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.
Thesis: The role of Janus kinase-2 in cardiac hypertrophy and apoptosis
Last reported position: Fellow, Cardiothoracic Surgery, University of Texas Southwestern Medical Center at Dallas, Dallas, TX

Class of 2004, Lili **Deng**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): El-Sherif, Nabil
Thesis: Post-infarction signal transduction pathways-as targets for novel therapeutic interventions
Last reported position: Fellow, Immunology, University of Calgary, Calgary, Alberta, CANADA

Class of 2004, Fuqiang **Geng**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Laurent, Brehon
Thesis: Coordinated Actions of the Yeast SWI/SNF chromatin remodeler and histone Acetyltransferases in transcription.
Last reported position: Fellow, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

Class of 2004, Yueling **Guo**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.
Thesis: Activation of Jak/STAT pathway is essential for the regulation of angiotensinogen gene expression: A mechanism for control of renin-angiotensin system in liver.
Last reported position: Fellow, Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, MA

Class of 2004, Alejandro Ivan **Hernandez**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Sacktor, Todd C.
Thesis: Mechanisms of the distribution and formation of PKM β [PKC β II] a new brain-specific PKC isoform
Last reported position: Assistant Professor, Pathology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2004, Manli **Jiang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McAllister, William T.
Thesis: Studies of the transition from an unstable initiation complex to a stable elongation complex during transcription by T7 RNA polymerase
Last reported position: Resident, Physical Medicine and Rehabilitation, Einstein/Montefiore Medical Center, Bronx, NY

Class of 2004, Zhe **Peng**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McLeod, Maureen
Thesis: Dynamic Localization of Mei3, a Protein Kinase Inhibitor, Facilitates Meiosis in Fission Yeast
Last reported position: Fellow, University of California, San Diego,

Class of 2004, Yi **Tang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McLeod, Maureen
Thesis: Isolation of ksg1, the fission yeast ortholog of mammalian PDK1.
Last reported position: Fellow, Institute of Cancer Genetics, Department of Pathology, Columbia University Institute of Cancer Genetics, New York, NY

Class of 2004, Robyn Lynne **Temple-Smolkin**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Norin, Allen
Thesis: Characterization of Haymaker gene expression in mitogen activated human T lymphocytes: Effect of costimulation and signal transduction inhibitors
Last reported position: Director, Clinical & Scientific Affairs, Association for Molecular Pathology (AMP), Washington, DC

Class of 2004, Sumy Mathew **Thaiparambil**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.
Thesis: Cardiac-specific and hypertrophy induced expression of myosin light chain-2v is mediated by the transcription factor, Nished.
Last reported position: Fellow, Genetics, Harvard Medical School, Boston, MA

Class of 2004, Qingchun **Tong**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Kirchgessner, Annette
Thesis: Group III Metabotropic Glutamate Receptors in the Pancreas and Enteric Nervous System.
Last reported position: Professor, Health Science Center at Houston, McGovern Medical School University of Texas, Houston, TX

Class of 2004, Miriam **Vincent**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Teitelman, Gladys
Thesis: The Effect of Islet Cell Hormones on Islet Growth and Differentiation
Last reported position: Departmental Chair, Family Practice, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2004, Hui-dong **Wang**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Tiedge, Henri
Thesis: Dendritic BC1 RNA: Role in Translational Repression
Last reported position: Fellow, Neuro-Oncology, The Rockefeller University, New York, NY

Class of 2004, Yudong **Yao**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Penington, Nicholas
Thesis: Study of a CA2+-dependent agonist-induced desensitization of 5-HT1A receptors of dorsal raphe serotonergic neurons.
Last reported position: Fellow, Physiology and Pharmacology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2004, Yanai **Zhan**, M.S., Pharmacology, Thesis Sponsor(s): Williams, Keith and Sheryl Smith
Thesis: Actions of the Neurosteroid 3alpha,5beta-THP on GABA sub-A Receptors Expressed in Xenopus Oocytes.
Last reported position: Institute Research Scientist, The University of Texas MD Anderson Cancer Ctr, Houston, TX

Class of 2004, Wangfa **Zhao**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Wong, Robert K.S.
Thesis: Role of extracellular signal-regulated kinase 1/2 signaling in group I metabotropic glutamate receptor-mediated epileptogenesis in the hippocampus
Last reported position: Research Scientist, Physiology and Pharmacology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2003, Nancy **Blace**, M.D./Ph.D., Pharmacology, Thesis Sponsor(s): Sacktor, Todd C.
Thesis: Characterization of atypical protein kinase C from rat hippocampus
Last reported position: Clinical Associate Professor, Ophthalmology, NYU Grossman School of Medicine, New York, NY

Class of 2003, Valerie **Goldburt**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Durkin, Helen and Barry Wershil
Thesis: The Role of Stem Cell Factor Receptor and Its Ligand in Host Defense Against Salmonella typhimurium
Last reported position: Resident in Internal Medicine, Lenox Hill Hospital, New York, NY

Class of 2003, Victor Hugo **Guaiquil**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.
Thesis: Role of dehydroascorbic acid in hypoxia-induced damage in cardiac cells and ischemic hearts.
Last reported position: Fellow, Department of Hematology/Oncology, Memorial Sloane-Kettering Cancer Center, New York, NY

Class of 2003, Elana **Harris**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Stewart, Mark
Thesis: The intrinsic organization of the subiculum
Last reported position: Director, Anxiety Disorders Clinic, Assistant Professor, Division of Child and Adolescent Psychiatry, Cincinnati Children's Hospital, Cincinnati, OH

Class of 2003, Yaron Aharon **Moshel**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Durkin, Helen and Vahe Amassian

Thesis: Lateralized changes in blood lymphocyte subpopulations after Temporo-Parieto-Occipital (TPO) cortical stimulation

Last reported position: Neurosurgeon, Atlantic Neurosurgical Specialists,

Class of 2003, Jian **Qin**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McLeod, Maureen

Thesis: Regulation of Ste11p, an HMG-domain protein in meiotic differentiation of fission yeast

Last reported position: Research Scientist II, R&D, Gen-Probe Transplant Diagnostics, Inc., Stamford, CT

Class of 2002, Hasan Orhan **Akman**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Batuman, Olcay and Siddiqui, MAQ

Thesis: Signalling by Smad proteins: A novel mechanism that regulates vascular endothelial function in response to hypoxia in humans

Last reported position: Research Scientist, Neurology, Columbia University College of Physicians and Surgeons, New York, NY

Class of 2002, Helene **Bach-Mizrachi**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Scalia, Frank and Rothenberg, Sheldon

Thesis: Expression of the ephrin-A family members in the visual system of ranid frogs

Last reported position: Director, Research and Sponsored Programs, Research and Graduate Education, Rutgers University, New Brunswick, NJ

Class of 2002, Darryl **Bing**, Ph.D., Biochemistry, Thesis Sponsor(s): Stracher, Alfred

Thesis: The effects of phosphorylation on the actin binding capacity of ABP-190

Last reported position: Associate Professor of Medicine, St. Augustine's College, Raleigh, NC

Class of 2002, Daya Shankar **Gupta**, Ph.D., Biochemistry, Thesis Sponsor(s): Gintzler, Alan

Thesis: Ovarian sex steroids activate spinal opioid antinociception via disinhibitory mechanisms: Asymmetrical and independent regulation of spinal dynorphin and enkephalin systems

Last reported position: Assistant Professor, Pharmaceutical Sciences, Southern University, Savannah, GA

Class of 2002, Facan **Huang**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Structure, expression, and functional characterization of the mouse CLP-1 gene: Studies with CLP-1 Gene Knock-out mice

Last reported position: Fellow, Cardiology Division, University of Pennsylvania, School of Medicine, Philadelphia, PA

Class of 2002, Lalitha **Jayant**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Mills, Donald

Thesis: Different ribosome-accessing sites on a single mRNA molecule influence the translation of each other in cis

Last reported position: Assistant Professor, Biology, Borough of Manhattan Community College, New York, NY

Class of 2002, Volker **Nimmrich**, Ph.D., Pharmacology, Thesis Sponsor(s): Tiedge, Henri

Thesis: Expression of dendritic RNAs in rat hippocampus during synaptic activation

Last reported position: Research Scientist in Neurophysiology, Abteilung Neurophysiologie, Johannes-Müller-Institut für Physiol. (Charité), Berlin, Germany

Class of 2002, Yongxia **Qu**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Boutjdir, Mohammed
Thesis: Mechanisms of autoimmune associated congenital heart block
Last reported position: Fellow, Research and Development Service, VA New York Harbor Healthcare System,

Class of 2002, Boris **Shor**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): McLeod, Maureen
Thesis: Functional analysis of RACK1 homologue from fission yeast
Last reported position: Principal Scientist, Oncology Research Unit, Pfizer Incorporated,

Class of 2002, Tomasz **Sobocki**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Rushbrook, Julie and Kornecki, Elizabeth
Thesis: Genomic organization of human F11R/JAM and identification of two types of mRNAs regulated by alternative promoters
Last reported position: Fellow, Developmental Neuroscience/Chemistry, College of Staten Island (CUNY)/Institute for Basic Research, Staten Island, NY

Class of 2002, Abeba **Tesfaye**, Ph.D., Biochemistry, Thesis Sponsor(s): Gick, Gregory
Thesis: Regulation of rat Na, K-ATPase $\alpha 3$ subunit expression by low K^+ and ouabain
Last reported position: Fellow, Pediatric Oncology, Johns Hopkins University, Baltimore, MD

Class of 2002, Guang-Qian **Xiao**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Boutjdir, Mohammed
Thesis: The involvement of calcium channels in the pathogenesis of autoimmune congenital heart block
Last reported position: Fellow and Resident, Pathology, The Mount Sinai Medical Center, New York, NY

Class of 2001, Subha Brata **Basu**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bergold, Peter
Thesis: Analysis of cell death and inflammatory mediators in in vitro chronic degeneration
Last reported position: Market Analysis Manager, Global Marketing, Advanced Bioprocessing, BD Biosciences, Sparks, MD

Class of 2001, Stefan **Bradu**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Michl, Josef
Thesis: An in vitro model of pancreatic carcinogenesis: Characterization of transformation-associated biological and molecular alterations induced by the tobacco smoke carcinogen NNK in rat pancreatic BMRPA1 cells
Last reported position: , Bay Ridge Skin and Cancer, Brooklyn, NY

Class of 2001, Jenny **Libien**, M.D./Ph.D., Pharmacology, Thesis Sponsor(s): Kass, Ira
Thesis: PKC Isoforms in neuronal anoxia
Last reported position: Assistant Professor and Acting Chair, Pathology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2001, Shaye Isaac **Moskowitz**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bergold, Peter
Thesis: The role of inflammation in in vitro chronic neurodegeneration
Last reported position: Physician, Neurosurgery, Neurological Associates of Cleveland, Cleveland, OH

Class of 2001, Squire Matthew **Stead**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Muller, Robert U.
Thesis: Responses of single CA1 neurons to minimal stimulation of Schaffer collaterals in behaving rats
Last reported position: Resident, Mayo Clinic, MN

Class of 2001, Yong **Zhuang**, Ph.D., Biochemistry, Thesis Sponsor(s): Gick, Gregory
Thesis: Regulation of Na, K-ATPase β 1 subunit gene expression by low K
Last reported position: Post-Doctoral Fellow, Pharmacology, Weill Medical College of Cornell University, New York, NY

Class of 2000, Saihan **Borghjid**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.
Thesis: Chick homeobox-containing gene cDlx: Cloning and developmental expression in the forebrain anlage and in the neural crest during early embryogenesis
Last reported position: Assistant Professor, Biology, Chemistry and Environmental Science, Molloy College, Rockville Center, NY

Class of 2000, Bruce **Hundley**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Gootman, Phyllis
Thesis: Maturation of the preganglionic sympathetic system in piglets
Last reported position: Associate Professor, Saba University School of Medicine, Department of Neuroscience/Physiology, Saba, Netherlands-Antillies

Class of 2000, David Kin **Jin**, M.D./Ph.D., Biochemistry, Thesis Sponsor(s): Feuerman, Miriam
Thesis: AFR2 Regulation of Alpha-Fetoprotein Gene Expression during Liver Regeneration
Last reported position: , Genetic Medicine, Weill Medical College of Cornell University, New York, NY

Class of 2000, Jinming **Liu**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Halpern, Mimi
Thesis: Signal transduction in the vomeronasal system of garter snakes: Ligand-receptor binding-mediated protein phosphorylation
Last reported position: Fellow, Columbia University College of Physicians and Surgeons, New York, NY

Class of 2000, Limin **Liu**, Ph.D., Biochemistry, Thesis Sponsor(s): Makowske, Mary
Thesis: The Pleckstrin N-terminal pH domain interacts with a 30 kDa phosphotyrosine protein
Last reported position: Fellow, Cornell University, New York, NY

Class of 2000, Lloyd S. **Miller**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Durkin, Helen
Thesis: Fc-epsilon receptor II (CD23) and Fc-gamma receptor (CD16, CD32, CD64) expression by monocytes in HIV-1 disease: Role of IL-4, IL-10 and IFN-gamma
Last reported position: Vice President, Immunodermatology Disease Area Stronghold Leader, Janssen Research & Development, Spring House, PA

Class of 2000, Pilar **Najarro**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Lewis, John
Thesis: Impairment of IFN-gamma signaling pathway during vaccinia virus infection
Last reported position: Chief Operating Officer and Laboratory Director, Life Length, Madrid, Spain

Class of 2000, Alexander **Rotenberg**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Muller, Robert U.
Thesis: Hippocampal place cells recorded in wild-type and transgenic mice
Last reported position: Senior Associate in Neurology, Neurology, Boston Children's Hospital, Boston, MA

Class of 2000, Chagnian **Shen**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Dreizen, Paul
Thesis: The functional role of the essential light chains in the actomyosin crossbridge cycle of rabbit fast-muscle myosin subfragment-1 isoforms: The essential light chains are allosteric regulators of S1 nucleotide transition states
Last reported position: , Telekurs USA, Stamford, CT

Class of 2000, Wei **Wang**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McLeod, Maureen
Thesis: Regulation of Meiotic Development in Fission Yeast Through Ran1 Protein Kinase
Last reported position: Director, Microarray Core Facility, Biotechnology, Cornell University, Ithaca, NY

Class of 2000, Zhongmin **Xiang**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Bergold, Peter
Thesis: Analysis of acidosis-induced neuronal death in P25 hippocampal slice cultures
Last reported position: Fellow, The Mount Sinai Medical Center, New York, NY

Class of 2000, Hengtao **Zhang**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Vassalle, Mario
Thesis: Pacemaker mechanisms and their control in the sino-atrial node
Last reported position: Research Associate, Division of Neonatology, Pediatrics, Duke University, Durham, NC

Class of 1999, Shaji **Abraham**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Solomon, William B.
Thesis: Molecular cloning and characterization of TPA-inducible gene-1, a novel glutamine-rich transcriptional coactivator
Last reported position: Fellow, Molecular Genetics, Baylor College of Medicine, Houston, TX

Class of 1999, Martin Heath **Bluth**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Durkin, Helen
Thesis: IgE anti-HIV-1 in serum of HIV-1 infected children inhibits HIV-1 production in vitro and IgE mediates cytotoxicity against lymphoma cells expressing HIV-1 and peripheral blood mononuclear cells from and HIV-1 seropositive patient.
Last reported position: Professor, Pathology, Wayne State University, Detroit, MI

Class of 1999, Yuan **Chen**, Ph.D., Pharmacology, Thesis Sponsor(s): Penington, Nicholas
Thesis:
Last reported position: Fellow in Pharmacology, Pharmacology, University of Washington,

Class of 1999, Jian **Du**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Laurent, Brehon
Thesis: Molecular Genetic Study of Sth1p, an ATPase Component of the Chromatin-Remodeling Complex RSC
Last reported position: , Hannon Laboratory, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

Class of 1999, Boyu **Huang**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): El-Sherif, Nabil
Thesis: Alterations of active and passive membrane properties of rat ventricle after experimental myocardial infarction
Last reported position: Fellow in Cardiovascular Research, Veterans Administration Medical Center,

Class of 1999, Pamela **Karasavas**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.
Thesis:
Last reported position: Fellow in Molecular Genetics and Microbiology, SUNY Stony Brook, Stony Brook, NY

Class of 1999, Qinghuan **Liu**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Norin, Allen
Thesis: Cytolytic activity of interleukin 2-activated killer (LAK) cells: preferential interaction with tumor rejection antigen
Last reported position: Chief, Diagnostic Microbiology Laboratory, Maimonides Medical Center, Brooklyn, NY

Class of 1999, Michael **Pellegrino**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Nowakowski, Maja
Thesis: HIV-1 Envelope Gene and Protein: Differential Tropism Among Viral Strains
Last reported position: Senior Project Director, World Health Communications, New York, NY

Class of 1999, Minqing **Rong**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis:

Last reported position: Scientist, Biology Dept, Amgen, South San Francisco, CA

Class of 1999, Charu **Varshney**, Ph.D., Biochemistry, Thesis Sponsor(s): Gintzler, Alan

Thesis:

Last reported position: Google Answers Coordinator, Google, Inc, Mountain View, CA

Class of 1998, Yixue **Cao**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Laurent, Brehon

Thesis: Characterization of Snf5p and an essential homolog, Sfh1p, components of two distinct chromatin-remodeling complexes in yeast

Last reported position: Fellow, Pharmacology, University of California, San Diego, La Jolla, CA

Class of 1998, Shing **Chin**, Ph.D., Biochemistry, Thesis Sponsor(s): Gick, Gregory

Thesis: Retinoic acid and thyroid hormone regulation of Na,K-ATPase α 3 gene expression.

Last reported position: Fellow, The Mount Sinai Medical Center, New York, NY

Class of 1998, Andre **Fenton**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Muller, Robert U.

Thesis: How two cues conjointly control hippocampal place fields

Last reported position: Assistant Professor, Physiology and Pharmacology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1998, Glen Steven **Frick**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Dow-Edwards, Diana

Thesis: The short- and long-term effects of chronic late postnatal blockade of the dopamine transporter on cerebral glucose utilization and dopamine D1/D2 receptors in the rat brain

Last reported position: Intern, Neurosurgery Research Program, Allegheny Hospitals, Hahnemann, Philadelphia, PA

Class of 1998, Harry L. **Graber**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Barbour, Randall

Thesis: Optical Tomographic Imaging of Highly Scattering Media

Last reported position: Research Assistant Professor, Pathology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1998, Gary Gang **Guo**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Etlinger, Joseph

Thesis: Characterization of a 240 kDa proteasome regulator CF-2

Last reported position: Fellow, New York Medical College, Valhalla, NY

Class of 1998, Sabina **Hrabetova**, Ph.D., Pharmacology, Thesis Sponsor(s): Sacktor, Todd C.

Thesis:

Last reported position: Associate Professor, Anatomy and Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1998, Jianmin **Huang**, Ph.D., Biochemistry, Thesis Sponsor(s): Rushbrook, Julie

Thesis: Analysis of avian fast myosin heavy chain isoforms at the RNA level

Last reported position: Fellow, Cornell University Medical Center, New York, NY

Class of 1998, Peng **Li**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McLeod, Maureen

Thesis:

Last reported position: Associate Professor, Urology and Pathology, NYU Langone Medical Center, New York, NY

Class of 1998, Daliang **Liu**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Solomon, William B.

Thesis:

Last reported position: Fellow, Memorial Sloane Kettering Cancer Center, New York, NY

Class of 1998, Su **Wang**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Kavalier, Frederick

Thesis:

Last reported position: Fellow, NATIONAL INSTITUTE OF AGING, National Institutes of Health, Bethesda, MD

Class of 1997, Eirikur **Benedikz**, Ph.D., Biochemistry, Thesis Sponsor(s): Rushbrook, Julie

Thesis: Trafficking and secretion of the cysteine protease inhibitor human cystatin C and its mutant amyloidogenic variant

Last reported position: Associate Professor, Docent, Department of Molecular Medicine, Neurobiologisk Forskning, 5000 Odense C

Class of 1997, Martina **Bezdicikova**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Volkert, Fredric

Thesis: DNA partitioning by the REP-STB system

Last reported position: , Washingtonville Pediatrics, Washingtonville, NY

Class of 1997, Suzanne **Doud-Galli**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Transcription factors in cardiac hypertrophy : the cloning of Simjang Factor 1

Last reported position: , Private Practice, Plastic Surgery, Reston, VA

Class of 1997, Fanglu **Huang**, Ph.D., Biochemistry, Thesis Sponsor(s): Gick, Gregory

Thesis: Thyroid hormone regulation of Na, K-ATPase alpha-2 subunit gene expression

Last reported position: Fellow, Guangzhou Institute of Chemistry Academia Sinica, P.O.Box 1122, P.R.China.

Class of 1997, Changping **Jia**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Halpern, Mimi

Thesis:

Last reported position: Fellow in Neurobiology, Yale University School of Medicine, New Haven, CT

Class of 1997, Brett **Laurance**, M.S., Pharmacology, Thesis Sponsor(s): Feinman, Richard

Thesis:

Last reported position: Assistant Director, Educational Computing, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1997, Mireya **Marin-Hincapie**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Garofalo, Robert

Thesis: Biochemical and Functional Characterization of the Drosophila Insulin Receptor

Last reported position: Fellow, NEUROSCIENCE AND CELL BIOLOGY, UNDMJ Robert Wood Johnson Medical School, Piscataway, NJ

Class of 1997, Sucharita **Mistry**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Atweh, George

Thesis:

Last reported position: Assistant Professor, Medicine / Hematology And Medical Oncology, The Mount Sinai Medical Center, New York, NY

Class of 1997, Andrew **Oliff**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Durkin, Helen

Thesis:

Last reported position: , ,

Class of 1997, Tamar **Smith-Norowitz**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Durkin, Helen

Thesis:

Last reported position: Associate Professor, Pediatrics, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1996, Mary Elizabeth **Dawson**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Gintzler, Alan

Thesis: Intrinsic modulation of the pain of pregnancy : relevance of sex steroids and endogenous opioid systems

Last reported position: Professor and Chair, Biological Sciences, Kingsborough Community College, Brooklyn, NY

Class of 1996, Manya **Dhar**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Characterization of a composite negative regulatory region, CSS, in the MLC2 gene and the isolation of its binding factor (Nished)

Last reported position: Fellow in Pathology, SUNY Stony Brook, Stony Brook, NY

Class of 1996, Biao **He**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis: A gene expression system based on bacteriophage RNA polymerases and characterization of bacteriophage T7 RNA polymerase

Last reported position: Fred C. Davison Distinguished University Chair, Infectious Diseases, University of Georgia College of Veterinary Medicine, Athens, GA

Class of 1996, Lutz **Hilgenberg**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Miles, Kathryn

Thesis: A protein kinase C isoform localized at the neuromuscular junction and the regulation of its expression in skeletal muscle

Last reported position: , Anatomy and Neurobiology, University of California, Irvine, Irvine, CA

Class of 1996, Asha **Jacob**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Lewis, John

Thesis: Activity of intracellular IFN-gamma and structure-function relationships

Last reported position: Fellow, Northshore Medical Center,

Class of 1996, Lihua Yao **Marmorstein**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Bernd, Paulette

Thesis:

Last reported position: Fellow, Rutenberg Cancer Center, The Mount Sinai Medical Center, New York, NY

Class of 1996, Eduardo Javier **Mascareno-Miranda**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Molecular mechanisms of transcription regulation of myosin light chain 2 and angiotensinogen gene

Last reported position: Research Assistant Professor, Anatomy and Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1996, Zora **Melkova**, Ph.D., Biochemistry, Thesis Sponsor(s): Esteban, Mariano

Thesis: Macrophage antiviral activity : role of IFN γ and nitric oxide in the inhibition of vaccinia virus growth in macrophages

Last reported position: Research Scientist, Immunology and Microbiology, 1st Medical Faculty of Charles University, Prague 2, Czech Republic

Class of 1996, Lena Shnayder **Shapiro**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Halpern, Mimi
Thesis:
Last reported position: Sr. Medical Writer, Clinical Documentation, Organon, Inc.,

Class of 1996, Nancy **Wang**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Chirico, William
Thesis:
Last reported position: Assistant Professor, Institute of Cell and Molecular Biology, Taipei, Taiwan, ROC

Class of 1996, Damin **Zhang**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bernd, Paulette
Thesis:
Last reported position: Research Associate, Neurology, Albert Einstein College of Medicine, Bronx, NY

Class of 1995, Chi **Chen**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Garofalo, Robert
Thesis: Isolation and phenotypic characterization of insulin receptor mutants in Drosophila melanogaster
Last reported position: Post-Doctoral Fellow, Hematology/Oncology, Brookdale Hospital,

Class of 1995, Giuseppe **Condemi**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Gootman, Phyllis
Thesis: Determinants of atrial natriuretic peptide release during hypoxia in neonatal swine
Last reported position: Hematologist, , Englewood, NJ

Class of 1995, James **DeVoti**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McLeod, Maureen
Thesis:
Last reported position: Assistant Professor, Division of Allergy/Immunology, AECOM, Long Island Jewish Medical Center,

Class of 1995, George Alfred **Diaz**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.
Thesis:
Last reported position: Associate Professor, Human Genetics, The Mount Sinai Medical Center, New York, NY

Class of 1995, Gary Ira **Kleiner**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Durkin, Helen
Thesis: Molecular Regulation of IgE Responses
Last reported position: Assistant Professor, Pediatric Immunology, University of Miami Medical Center, Miami, FL

Class of 1995, Robert **Ludemann**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Etlinger, Joseph
Thesis:
Last reported position: Surgeon, Surgery, Kaiser Permanente, Clackamas, OR

Class of 1995, Alan **Marmorstein**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Cramer, Eva
Thesis:
Last reported position: Fellow, Cell Biology and Anatomy, Cornell University Medical Center, New York, NY

Class of 1995, Pavel **Osten**, Ph.D., Pharmacology, Thesis Sponsor(s): Wong, Robert K.S.
Thesis:
Last reported position: Assistant Professor, Michael J. Fox Foundation for Parkinson's Research, Chicago, IL

Class of 1995, Claude Beresford **Scott**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Cramer, Eva

Thesis:

Last reported position: Assistant Professor, Orthopedics & Rehabilitative Medicine, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1995, Shirong **Zhang**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Volkert, Fredric

Thesis:

Last reported position: Fellow, National Cancer Institute, NIH, Frederick, MD

Class of 1994, John **Carucci**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Durkin, Helen

Thesis: Substance P Mediated Isotype Specific Suppression of BPO Specific IgE Antibody Forming Cell Responses In Vivo and In Vitro.

Last reported position: Associate Professor, Dermatology, NYU-Langone, New York, NY

Class of 1994, Patrizia **Casaccia-Bonofil**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Bergold, Peter

Thesis: HSV-mediated gene transfer of the glutamate receptor subunit GLUR6 results in epileptiform discharge and neuronal loss in the cultured hippocampus

Last reported position: Einstein Professor, Biology, Biochemistry, Neuroscience, CUNY Graduate Center, New York, NY

Class of 1994, Jian-Ping **Gao**, Ph.D., Pathology, Thesis Sponsor(s): Lanks, Karl

Thesis: Mechanism of doxorubicin resistance induced by glucose deprivation

Last reported position: Fellow in Pathology, Staten Island University Hospital, Staten Island, NY

Class of 1994, Huaping **He**, Ph.D., Biochemistry, Thesis Sponsor(s): Gick, Gregory

Thesis: Regulation of Na,K-ATPase α 3 subunit gene expression by thyroid hormone

Last reported position: , Medicine, University of California, San Diego, La Jolla, CA

Class of 1994, Li (Lee) **Jia**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis:

Last reported position: Project Director, DTP/Division of Cancer Treatment & Diagnosis, National Cancer Institute, NIH, Rockville, MD

Class of 1994, Sean-Bong **Lee**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Esteban, Mariano

Thesis:

Last reported position: , MGH Cancer Center, Charlestown, MA

Class of 1994, Bo **Liu**, Ph.D., Biochemistry, Thesis Sponsor(s): Gick, Gregory

Thesis:

Last reported position: Fellow, Memorial Sloane-Kettering Cancer Center, New York, NY

Class of 1994, Yongquan **Luo**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Halpern, Mimi

Thesis:

Last reported position: Staff Scientist, Laboratory of Experimental Gerontology, National Institutes on Aging, NIH, Baltimore, MD

Class of 1994, Lynn Elizabeth **MacDonald**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis:

Last reported position: Executive Director, Pain, Neurology & VI Next, Regeneron Pharmaceuticals, Tarrytown, NY

Class of 1994, John **Palma**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Solomon, William B.

Thesis:

Last reported position: Manager - Discovery, Veridex, LLC - a Johnson & Johnson Company, San Diego, CA

Class of 1994, Curtis **Raskin**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis:

Last reported position: , Private Practice, Concord, CA

Class of 1994, Joycelyn **Speight**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Bernd, Paulette

Thesis: In situ localization and characterization of the expression of nerve growth factor receptors during development

Last reported position: Assistant Professor, Radiation Oncology, University of California, San Francisco, San Francisco, CA

Class of 1994, Jinliang **Sui**, Ph.D., Pharmacology, Thesis Sponsor(s): Kao, Chien-Yuan

Thesis:

Last reported position: Assistant Professor, Molecular Physiology and Biophysics, The Mount Sinai Medical Center, New York, NY

Class of 1994, Fann **Wu**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Altura, Burton

Thesis:

Last reported position: Section Chief, Clinical Microbiology, Molecular Diagnostics Laboratory, The Mount Sinai Medical Center, New York, NY

Class of 1993, Nike **Cacoullos**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bablanian, Rostom

Thesis: Polyadenylated short RNAs produced in cells under aberrant conditions of infection with vaccinia virus inhibit protein synthesis

Last reported position: Immunology Clinic, Saint Savas Cancer Hospital, 11522 Athens Greece

Class of 1993, Juana **Gonzalez**, Ph.D., Pathology, Thesis Sponsor(s): Michl, Josef

Thesis: Analysis and expression of a plasma membrane antigen identified by MAB IE8 on human eosinophils

Last reported position: Research Associate, Pathology, Albert Einstein College of Medicine, Bronx, NY

Class of 1993, Christina **Herrick**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Durkin, Helen

Thesis: Regulation of Anamnestic IgE Response

Last reported position: Assistant Professor, Dermatology, Yale University School of Medicine, New Haven, CT

Class of 1993, Martin **Irvine**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Esteban, Mariano

Thesis: Identification and Characterization of Mutants of Vaccina Virus with an Increased Sensitivity to Interferon

Last reported position: Post-Doctoral Fellow, Virology and Parasitology, New York Blood Center, New York, NY

Class of 1993, Jian-Min **Lin**, Ph.D., Biochemistry, Thesis Sponsor(s): Quigley, James L.

Thesis: Biochemical and immunological characterization of a metastasis associated HEp-3 cell surface molecule

Last reported position: Senior Director of Pharmacology & Toxicology, Tenaya Therapeutics, South San Francisco, CA

Class of 1993, Sarah Louise **Nolin**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Brown, William Ted

Thesis:

Last reported position: Research Scientist, Genetics Division, NYS Institute for Basic Research, Staten Island, NY

Class of 1993, Pankaj **Qasba**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis:

Last reported position: Laboratory Staff, Blood Diseases and Resources, National Heart, Lung, and Blood Institute, NIH, Baltimore, MD

Class of 1993, Ming-Dong **Zhou**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis:

Last reported position: , Medicine, University of California, La Jolla, San Diego, CA

Class of 1992, Walter **Demkowicz**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Esteban, Mariano

Thesis: Identification and immunologic characterization of two antigenic core proteins of vaccinia virus

Last reported position: Senior Scientist, Vaccine Development, Biovest International, Worcester, Mass

Class of 1992, Henry **Kuerer**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Michl, Josef

Thesis:

Last reported position: Associate Professor, Breast Surgical Oncology Training Program, University of Texas at Houston, M.D. Anderson Cancer Center, Houston, TX

Class of 1992, Joseph Robert **Rivera**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Dreizen, Paul

Thesis:

Last reported position: Resident, Medicine, Thomas Jefferson University, Philadelphia, PA

Class of 1992, Eric Lowell **Singman**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Scalia, Frank

Thesis:

Last reported position: Asst. Professor and Milton and Muriel Division Chief, General Eye Services Clinic, Johns Hopkins Wilmer Eye Institute, Baltimore, MD

Class of 1992, David Matthew **Weitman**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Etlinger, Joseph

Thesis:

Last reported position: , Northeast Neurosurgery, Bangor, ME

Class of 1992, Ye **Wu**, M.S., Anatomy and Cell Biology, Thesis Sponsor(s): Ojakian, George

Thesis:

Last reported position: Senior Research Associate, Gene Trak System, Inc., Framington, MA

Class of 1991, Stephen **Apfelroth**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Nowakowski, Maja

Thesis: The differentiation of human blood monocytes in vitro

Last reported position: Assistant Professor, Pathology, Albert Einstein College of Medicine, Bronx, NY

Class of 1991, Jane **Armstrong**, Ph.D., Pathology, Thesis Sponsor(s): Nowakowski, Maja

Thesis: Control of infectious influenza A virus production by mononuclear phagocytes

Last reported position: Dean, Health and Natural Sciences, County College of Morris, Randolph, NJ

Class of 1991, Andrew Ching **Chang**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.
Thesis: Characterization of thrombin-binding proteins secreted from activated platelets
Last reported position: Senior Staff Fellow, Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Bethesda, MD

Class of 1991, Yicong **Huang**, Ph.D., Pharmacology, Thesis Sponsor(s): Friedman, Stanley
Thesis: The Mechanism of inhibition of RecA-mediated strand exchange by adducts of azacytosine-containing DNA and EcoRII methylase
Last reported position: Post-Doctoral Fellow, Medical Oncology, The Mount Sinai Medical Center, New York, NY

Class of 1991, Jeffrey **Kahn**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Sultzer, Barnet
Thesis:
Last reported position: Professor, Pediatrics and Sarah M. and Charles E. Seay Chair in Pediatric Infectious Diseases, University of Texas Southwestern Medical Center at Dallas, Dallas, TX

Class of 1991, Simon Xiaoching **Lee**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Etlinger, Joseph
Thesis:
Last reported position: Research Associate, Cell Biology and Anatomy, New York Medical College, Valhalla, NY

Class of 1991, Dominic **Roca**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Farb, David
Thesis:
Last reported position: , Pulmonary Associates of Stamford, Stamford, CT

Class of 1991, Denise **Russo**, Ph.D., Pathology, Thesis Sponsor(s): Durkin, Helen
Thesis: Cell Surface Antigens Involved in Human Lymphocytes Adhesion to Lymph Node High Endothelium Defined by Monoclonal Antibody dr1/1
Last reported position: Program Director, AIDS Research, National Institutes of Health, Bethesda, MD

Class of 1991, Bei **Shan**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Lewis, John
Thesis:
Last reported position: Research Director, Biology, Amgen, South San Francisco, CA

Class of 1991, Mark **Speziale**, M.D./Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.
Thesis:
Last reported position: Physician, Neonatology, Rady Children's Hospital San Diego (RCHSD), San Diego, CA

Class of 1991, Mark **Stewart**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Fox, Steven
Thesis:
Last reported position: , Professor, Physiology and Pharmacology and Neurology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1990, Dominick Leo **Auci**, Ph.D., Pathology, Thesis Sponsor(s): Durkin, Helen
Thesis: Studies of IgE bearing B cells in humans and mice: regulation of hapten specific IgE antibody forming cells in mice
Last reported position: Senior Research Scientist, Pall Corp., New York, NY

Class of 1990, Wei-Jia **Chen**, M.S., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis:

Last reported position: , Bristol-Myers Squibb Company, Wallingford, CT

Class of 1990, David **Holtzman**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Halpern, Mimi

Thesis: Embryonic and Neonatal Development of the Vomeronasal and Olfactory Systems in Garter Snakes (Thamnophis SPP).

Last reported position: Visiting Assistant Professor, Neuroscience, SUNY Geneseo, Geneseo, NY

Class of 1990, Xian-Cheng **Jiang**, Ph.D., Biochemistry, Thesis Sponsor(s): Halpern, Mimi

Thesis:

Last reported position: Associate Professor, Anatomy and Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1990, Gregory **Quirk**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Muller, Robert U.

Thesis: A Spatial Analysis of the Firing of Neurons in the Medial Entorhinal Cortex of the Rat

Last reported position: Professor, Psychiatry, University of Puerto Rico School of Medicine, San Juan, PR

Class of 1990, Merle Charles **Smith**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Durkin, Helen

Thesis: Cellular Mechanisms of IgE Isotype Specific Regulation: Studies of Hyper-IgE Syndrome and Development of a Murine Model.

Last reported position: Vice President, Clinical Development, Cancer Research, Cambridge Antibody Technology, Inc., Palo Alto, CA

Class of 1990, Mei-Jhy **Su**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bablanian, Rostom

Thesis:

Last reported position: Vice-President of Quality Assurance, Maxim Biotech, Inc., Rockville, MD

Class of 1990, Youwen **Zhou**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis: Development of a Mammalian Gene Expression System Based on Bacteriophage T3 RNA Polymerase and Lac Repressor

Last reported position: Professor, Division of Dermatology, University of British Columbia, Vancouver, BC, CANADA

Class of 1989, Ming **Chen**, Ph.D., Biochemistry, Thesis Sponsor(s): Stracher, Alfred

Thesis: Regulation of platelet cytoskeleton : a phosphorylation-dephosphorylation mechanism

Last reported position: Researcher, Bay Pines VA Healthcare System, Bay Pines, FL

Class of 1989, Young Sun **Kim**, Ph.D., Pathology, Thesis Sponsor(s): Wisniewski, Henry

Thesis:

Last reported position: Professor of Microbiology and Immunology, Hallym University College of Medicine, South Korea

Class of 1989, Nyoun Soo **Kwon**, Ph.D., Biochemistry, Thesis Sponsor(s): Chan, Phillip C.

Thesis:

Last reported position: Associate Professor, Biochemistry, Chung-Ang University Collge of Medicine, Seoul, 156-756, KOREA

Class of 1989, Juehn-Shi **Maa**, Ph.D., Biochemistry, Thesis Sponsor(s): Bablanian, Rostom

Thesis:

Last reported position: President and CEO, Maxim Biotech, Inc., Rockville, MD

Class of 1989, Daniel C. **Mierlak**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Farb, David

Thesis:

Last reported position: , Psychiatry, New York Presbyterian Hospital Cornell Medical Center, New York, NY

Class of 1989, Ramaswamy **Viswanathan**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis

Sponsor(s): Friedman, Steven

Thesis:

Last reported position: Professor, Psychiatry, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1988, Richard **Bowen**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Brody, Neil

Thesis: A Mouse model to evaluate the effect of ultraviolet light in melanoma : ultraviolet light induced alteration of host resistance

Last reported position: Medical Information Scientist - Gastrointestinal, Astra Merck Inc., Norwalk, CT

Class of 1988, Paul C. **Browne**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis:

Last reported position: , White Plains High School, White Plains, NY

Class of 1988, Bronislaw **Pytowski**, Ph.D., Pathology, Thesis Sponsor(s): Nowakowski, Maja

Thesis:

Last reported position: Group Leader, Cellular and Molecular Biology, Imclone Systems Incorporated, New York, NY

Class of 1987, Cynthia M. **Czajkowski**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Farb, David

Thesis: Transmembrane topology, subcellular distribution and turnover of the gamma-aminobutyric acid/benzodiazepine receptor in chick brain cell cultures

Last reported position: Associate Professor, Physiology, University of Wisconsin - Madison, Madison, WI

Class of 1987, Shantha **Dallo**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Esteban, Mariano

Thesis: Isolation and Characterizations of Spontaneous Deletion Mutants of Vaccinia Virus

Last reported position: Assistant Professor, Microbiology, University of Texas at San Antonio, San Antonio, TX

Class of 1987, Yatien **Zhang**, Ph.D., Biophysics, Thesis Sponsor(s): Shafiq, Saiyid

Thesis:

Last reported position: Coordinator of Gastroenterology Research, Medicine Department, The Brookdale Univ. Hospital Medical Center, Brooklyn, NY

Class of 1986, Linda Christine **Milks**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ojakian, George

Thesis:

Last reported position: The Rev. Dr. Linda C. Milks, Pastor, ,

Class of 1985, Laurence Alan **Borden**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Farb, David

Thesis: Benzodiazepine receptor turnover in embryonic chick brain and spinal cord cell cultures

Last reported position: Post-Doctoral Fellow, Pathology, Columbia University College of Physicians and Surgeons, New York, NY

Class of 1985, George **Coppola**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Lewis, John
Thesis: Discriminatory inhibition of protein synthesis in cell free systems by vaccinia virus transcripts
Last reported position: , Division of Pulmonary Medicine, Medicine, Cornell University Medical Center, New York, NY

Class of 1985, John B. **Nobiletti**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis:
Last reported position: Medical Director, ARC Biomedical Services, Greater Alleghenies Region, Johnstown, PA

Class of 1985, Robert Anthony **Rasmussen**, Ph.D., Pathology, Thesis Sponsor(s): Woodruff, Judith
Thesis:
Last reported position: Assistant Professor, Harvard Medical School, Dana Farber Cancer Institute, Boston, MA

Class of 1985, Gary Gordon **Schwartz**, Ph.D., Biological Psychology, Thesis Sponsor(s): Rosenblum, Leonard
Thesis:
Last reported position: Research Associate Professor, Epidemiology and Public Health, Sylvester Comprehensive Cancer Center, Miami, FL

Class of 1985, Geri **Silver**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Carriere, Rita
Thesis:
Last reported position: Research Associate, Cell Biology, Albert Einstein College of Medicine, Bronx, NY

Class of 1984, Joanne **Burdige-Concato**, M.S., Biological Psychology, Thesis Sponsor(s): Rosenblum, Leonard
Thesis: Phototherapy : biochemical and behavioral considerations
Last reported position: Assistant Clinical Professor of Medicine, Yale University Primary Care Program, Saint Mary's Hospital Family Health Center, Waterbury, CT

Class of 1984, Peter David **Cherry**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: The Role of endothelial cells in the relaxation of vascular smooth muscle by bradykinin and fatty acids
Last reported position: , Physiology, CUNY - City College Medical School, New York, NY

Class of 1984, Ai Hao **Ding**, Ph.D., Biochemistry, Thesis Sponsor(s): Kesner, Leo
Thesis: Copper-catalyzed lipid peroxidation in erythrocyte membranes
Last reported position: Associate Professor of Medicine, Cornell University Medical Center, New York, NY

Class of 1984, Jae O. **Kang**, M.S., Ph.D., Biochemistry, Thesis Sponsor(s): Kishenbaum, Donald
Thesis:
Last reported position: Associate Professor, Clinical Chemistry, University of New Hampshire, Durham, NH

Class of 1984, Richard Alan **Kolchin**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bernheimer, Harriet
Thesis:
Last reported position: Assistant Attending Physician, Catholic Medical Center, Mary Immaculate Hospital, Jamaica, NY

Class of 1984, Grace **Migliorisi**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Easton, Thomas
Thesis:
Last reported position: , ,

Class of 1984, Tet-Kin **Yeo**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ojakian, George

Thesis:

Last reported position: , Department of Pathology, Harvard Medical School, Beth Israel Hospital, Boston, MA

Class of 1983, Martin Bruce **Brecher**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s):

Thesis:

Last reported position: , Janssen Research Foundation, Titusville, NJ

Class of 1983, Kenneth J. **Danishefsky**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis: The Interaction of thrombin with platelet proteins

Last reported position: Chairman, Biology, Lander College for Men, Kew Gardens, NY

Class of 1983, Peter **Leung**, Ph.D., Pharmacology, Thesis Sponsor(s): Gidari, Anthony

Thesis: Modulation of Murine Fetal Liver Erythroid Colony Formation by Glucocorticoids.

Last reported position: Senior Toxicologist, California Environmental Protection Agency, Sacramento, CA

Class of 1983, Vlasta **Molak**, Ph.D., Biochemistry, Thesis Sponsor(s): Stracher, Alfred

Thesis:

Last reported position: President, Gaia Unlimited, Inc., Cincinnati, OH

Class of 1983, Rawhi A. **Omar**, Ph.D., Pathology, Thesis Sponsor(s):

Thesis:

Last reported position: Assistant Professor of Pathology, Pathology, New York Medical College, Valhalla, NY

Class of 1983, Mark T. **Schiavone**, Ph.D., Pharmacology, Thesis Sponsor(s): Kirpekar, Sadashiv M.

Thesis: Chatecholamine Secretion from the Adrenal Medulla Evoked by High Potassium, Cholinergic Agonists, and Veratridine

Last reported position: Professor, Biological Sciences, Kent State University, Geauga Campus, Burton, OH

Class of 1983, Sharon **Speiser Ellerton**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Stracher, Alfred

Thesis:

Last reported position: Assistant Professor, Biology, Nassau Community College,

Class of 1983, Kiang-Teck **Yeo**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis:

Last reported position: Professor of Pathology and Director, Clinical Chemistry & Endocrine Laboratory, Dartmouth-Hitchcock Medical Center, Lebanon, NH

Class of 1982, Victoria **Arango**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Scalia, Frank

Thesis: Differential projections of the pretectal nuclei of the rat

Last reported position: Professor of Psychiatry, Neuroscience, NYS Psychiatric Institute, Columbia University, New York, NY

Class of 1982, Michael P. **Bevilacqua**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Broome, John D.

Thesis: Mononuclear phagocytes and plasma fibronectin (cold-insoluble globulin)

Last reported position: , Source Pharmaceuticals, Inc., Boulder, CO

Class of 1982, Jay Alan **Butterman**, Ph.D., Biochemistry, Thesis Sponsor(s): Kesner, Leo

Thesis: Studies on ozone-treated phosphatidylcholine

Last reported position: Senior VP, Product Research and Engineering, Fonar Corporation, Melville, NY

Class of 1982, Myung Hee **Chung**, Ph.D., Biochemistry, Thesis Sponsor(s): Kessner, Leo

Thesis: Degradation of polypeptides by Cu⁺⁺ and H₂O₂

Last reported position: Professor and Vice Dean for Academic Affairs, Pharmacology, Seoul National University, College of Medicine, Seoul 110-799, Korea

Class of 1982, Stephen B. **Heller**, Ph.D., Biological Psychology, Thesis Sponsor(s): Halpern, Mimi

Thesis: The role of the vomeronasal organ in garter snake aggregation and shelter selection

Last reported position: Associate Professor of Psychiatry, Dean of Student Affairs, Saint Matthews School of Medicine, Cayman Islands, British WI

Class of 1982, Doris **Herzlinger**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ojakian, George

Thesis: Identification of a renal distal tubule cell surface antigen

Last reported position: Associate Professor, Physiology and Biophysics, Cornell University Graduate School of Medical Sciences, New York, NY

Class of 1982, Barry J. **Kuttner**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Howe, Michael L.

Thesis:

Last reported position: Physician, Integrated Dermatology of West Palm Beach, West Palm Beach, FL

Class of 1982, Peter Francis **Lenehan**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Dornfest, Burton

Thesis:

Last reported position: Chief Medical Officer, Genetics Squared, Ann Arbor, MI

Class of 1982, Jill **O'Donnell-Tormey**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Quigley, James L.

Thesis:

Last reported position: President and CEO, Cancer Research Institute, New York, NY

Class of 1982, Scott Adam **Siegel**, Ph.D., Biochemistry, Thesis Sponsor(s): Carty, Robert P.

Thesis:

Last reported position: Chief Operating Officer, Ezone Sciences Incorporated, Pine Brook, NJ

Class of 1981, Jan **Geliebter**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bablanian, Rostom

Thesis: In vitro activation of cytotoxic effector cells from tumor-bearing mice

Last reported position: Secretary, AV Therapeutics, New York, NY

Class of 1981, Jan **Geliebter**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bablanian, Rostom

Thesis: In vitro activation of cytotoxic effector cells from tumor-bearing mice

Last reported position: Professor, Microbiology, New York Medical College, Valhalla, NY

Class of 1981, Joseph M. **Lombardo**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Lang, Karl

Thesis:

Last reported position: , Hackensack University Medical Center, Hackensack, NJ

Class of 1981, Thomas **Lowinger**, Ph.D., Physical and Organic Chemistry, Thesis Sponsor(s): Steigman

Thesis:

Last reported position: Radiation Physicist, Radiation Oncology, Brooklyn Hospital, Brooklyn, NY

Class of 1981, Terry Takeshi **Takahashi**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Scalia, Frank

Thesis:

Last reported position: Professor, Institute of Neuroscience, University of Oregon, Eugene, OR

Class of 1981, Angelo **Turturro**, Ph.D., Biophysics, Thesis Sponsor(s): Shafiq, Saiyid

Thesis: Studies to Elucidate the Mechanisms of Senescence in Striated Muscle

Last reported position: Scientific Assistant to Director, NATIONAL CENTER FOR TOXICOLOGICAL RESEARCH, Food and Drug Administration, Jefferson, AK

Class of 1981, Peter Adamec **Valant**, Ph.D., Physiology, Thesis Sponsor(s): Etlinger, Joseph

Thesis: A Study on the Mechanism of Insulin's Action and on the Possible Role of Cellular Free Ca²⁺ in Muscle

Last reported position: Research Associate, Medicine and Hematology/Oncology, University of Miami, School of Medicine, Miami, FL

Class of 1980, Richard **Fortuna**, M.D./Ph.D., Physical and Organic Chemistry, Thesis Sponsor(s): Chan, Philip C.

Thesis: The isolation and partial enzymatic characterization of the chondrocytic and matrix vesicle alkaline phosphatase from bovine fetal epiphyseal cartilage

Last reported position: , Kaiser Permanente Medical Group, San Diego, CA

Class of 1980, May-Kin **Ho**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Morse, Stephen

Thesis: Regulatory Cellular Interactions in the Mitogenic Response of Muring T Lymphocytes to the Lymphocytosis - Promoting Factor of Bordetella Pertussis

Last reported position: , Retired,

Class of 1980, Frederic M. **Quitkin**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s): Grand, Stanley

Thesis:

Last reported position: , New York State Psychiatric Institute, New York, NY

Class of 1980, Tin-Chuen **Yeung**, Ph.D., Pharmacology, Thesis Sponsor(s): Gidari, Anthony

Thesis:

Last reported position: Managing Director, Everst Intellectual Property Law Group, Northbrook, IL

Class of 1979, Israel F. **Charo**, M.D./Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis: Stimulus - response coupling in platelets

Last reported position: Senior Vice President of Research, ChemoCentryx, Mountain View, CA

Class of 1979, Nena W. **Chin**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Krischenbaum, Donald

Thesis: Immobilization of lactoperoxidase on polystyrene and its use to iodinate L-cell proteins involved in substratum attachment

Last reported position: , Staten Island University Hospital, Staten Island, NY

Class of 1979, Ronald Harvey **Goldfarb**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Quigley, James L.

Thesis: Purification of plasminogen activator from culture fluids of rous sarcoma virus transformed chick embryo fibroblasts treated with the tumor promoter phorbol-12-myristate-13-acetate

Last reported position: President, CSO, CEO and Director, Sopherion Therapeutics, Princeton, NJ

Class of 1979, Gail W. **Goodman-Snitkoff**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bablanian, Rostom

Thesis: A study of lymphocyte activation by components of bacterial endotoxins

Last reported position: Associate Professor, Albany College of Pharmacy, Albany, NY

Class of 1979, Alan Joseph **Grant**, Ph.D., Biochemistry, Thesis Sponsor(s): Lerner, Leon

Thesis: The biochemical activity of aldehydes derived from nucleosides

Last reported position: Attorney, Spring, Horn, Kramer and Woods, New York, NY

Class of 1979, Joseph A. **Hirsch**, Ph.D., Pharmacology, Thesis Sponsor(s): Kirpekar, Sadashiv M.

Thesis:

Last reported position: Adjunct Professor, Psychology and Biology, Pace University, New York, NY

Class of 1979, Jason A. **Koutcher**, M.D./Ph.D., Biophysics, Thesis Sponsor(s): Damadian, Raymond

Thesis:

Last reported position: Chief, Imaging and Spectroscopy Physics, Medical Physics, Memorial Sloane-Kettering Cancer Center, New York, NY

Class of 1979, Chang-I **Lin**, Ph.D., Pharmacology, Thesis Sponsor(s): Vassalle, Mario

Thesis:

Last reported position: Professor of Pharmacology and Bioengineering, Chairman, Engineering, National Defense Medical Center, Taipei, Taiwan, R.O.C.

Class of 1979, Irene **Lotosch**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: Studies on Calcium Transport in Sickle Cell Membranes

Last reported position: Associate Professor, Molecular and Cellular Pharmacology, University of Miami School of Medicine, Miami, FL

Class of 1979, Hsin-Hsiang **Lu**, Ph.D., Physiology, Thesis Sponsor(s): Brooks, Chandler McCuskey

Thesis:

Last reported position: Professor of Physiology, National Defense Medical Center, Taipei, Taiwan, R.O.C.

Class of 1979, Melvin Gary **Rosenfeld**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Cramer, Eva

Thesis:

Last reported position: Assistant Professor of Cell Biology, New York University Medical Center, New York, NY

Class of 1979, Michael **Schromm**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): David, Anshel E.

Thesis:

Last reported position: , Microbiology, Albany Medical College, Albany, NY

Class of 1979, Richard Anthony **Sorace**, M.D./Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo

Thesis:

Last reported position: , Dattoli Cancer Center, Sarasota, FL

Class of 1979, Sang William **Tam**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis:

Last reported position: Senior Director, Clinical Program Development, Clinical And Regulatory Affairs, NitroMed Incorporated, Lexington, MA

Class of 1978, Stephanie **Alpert**, Ph.D., Biological Psychology, Thesis Sponsor(s): Rosenblum, Leonard

Thesis: The response of infant monkeys to mothers, familiars, strangers, and peers: development during the first eight months of live

Last reported position: Clinical Assistant Professor, Psychiatry, NYU Psychoanalytic Institute, NYU School of Medicine, New York, NY

Class of 1978, Melvyn Douglas **Goldfinger**, Ph.D., Neuroscience, Thesis Sponsor(s): Amassian, Vahe

Thesis: Studies of the cat forepaw hair follicle afferent unit

Last reported position: Retired, College of Science and Mathematics, Wright State University, School of Medicine, Dayton, OH

Class of 1978, Jacqueline Frances **McGinty**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Riss, Walter

Thesis:

Last reported position: Professor, Physiology and Neuroscience, Medical University of South Carolina, Charleston, SC

Class of 1978, Harvey **Reisine**, Ph.D., Neuroscience, Thesis Sponsor(s): Ranck, James B., Jr.

Thesis:

Last reported position: , Neurology, The Mount Sinai Medical Center, New York, NY

Class of 1978, Raymond S. **Sinatra**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Riss, Walter

Thesis:

Last reported position: Professor, Anesthesiology, Yale University School of Medicine, New Haven, CT

Class of 1977, Nancy **Hazan**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: The effect of phenobarbital on the nucleocytoplasmic transport of ribosomes

Last reported position: Adjunct Assistant Professor, Queensborough Community College, Bayside, NY

Class of 1977, John L. **Kubie**, Ph.D., Biological Psychology, Thesis Sponsor(s): Halpern, Mimi

Thesis:

Last reported position: Associate Professor, Anatomy and Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1977, Steven Louis **Lansman**, M.D./Ph.D., Biophysics, Thesis Sponsor(s): Dreizen, Paul

Thesis:

Last reported position: Professor, Chief, Cardiothoracic Surgery, Department of Surgery, New York Medical College, Valhalla, NY

Class of 1977, Jerod M. **Loeb**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario

Thesis:

Last reported position: Executive Vice President, Research and Performance Measurement, Joint Commission on Accreditation of Healthcare Organization, Oakbrook Terrace, IL

Class of 1977, Ronald John **Lukas**, Ph.D., Biophysics, Thesis Sponsor(s): Dreizen, Paul

Thesis:

Last reported position: Senior Staff Scientist, Division of Neurobiology, St. Joseph's Hospital, Barrow Neurological Institute, Phoenix, AZ

Class of 1977, Richard James **Mahoney**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Howe, Michael L.

Thesis:

Last reported position: Director, Immunogenetics Laboratory, Foundation for Blood Research, Scarborough, ME

Class of 1977, Takashi **Maki**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Quigley, James L.

Thesis:

Last reported position: , Beth Israel Deconess Medical Center, Harvard Medical School, Boston, MA

Class of 1977, Luis Rojas **Marcos**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s): Grand, Stanley

Thesis:

Last reported position: President, NYC Health and Hospitals Corporation, New York, NY

Class of 1977, Elliot **Mufson**, Ph.D., Biological Psychology, Thesis Sponsor(s): Scalia, Frank

Thesis:

Last reported position: Professor of Neurological Sciences, Alla and Solomon Jesmer Chair in Aging, Rush University Medical Center, Chicago, IL

Class of 1977, Warren W. **Wasiewski**, M.S., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis:

Last reported position: Medical Director, Clinical Research, AstraZeneca LP, Wilmington, DE

Class of 1976, Joel William **Abromowitz**, M.D./Ph.D., Biochemistry, Thesis Sponsor(s): Stracher, Alfred

Thesis: Studies of the contractile proteins of platelets : discovery and partial characterization of a second form of platelet actin

Last reported position: , Hematology Oncology Associates of Houston, PA, Houston, TX

Class of 1976, Fred S. **Barash**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Bablanian, Rostom

Thesis: Studies on RNA synthesis and protein phosphorylation in isolated adrenal nuclei of mice

Last reported position: Private Practice, , New Hyde Park, NY

Class of 1976, Anthony John **Giambalvo**, Ph.D., Biophysics, Thesis Sponsor(s): Dreizen, Paul

Thesis: Studies of myofibrillar contractile proteins of rana catesbeiana with special reference to thermal acclimation ; characterization of the thermally potentiated state of actomyosin ATPase

Last reported position: Senior Vice President, Fonar Corporation, Melville, NY

Class of 1976, Bernice Michaelene **Martin**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis:

Last reported position: Assistant Research Professor of Biochemistry, Boston University School of Medicine, Boston, MA

Class of 1976, Daniel **Rubin**, Ph.D., Pharmacology, Thesis Sponsor(s): Kirpekar, Sadashiv M.

Thesis:

Last reported position: , Stony Brook Winthrop University Hospital, Mineola, NY

Class of 1976, John Vincent **Tesoriero**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ward, Robert

Thesis: A Morphological, Histological and Autoradiographic Study of the formation of the Chorion in the Teleost, *Oryzias latipes*

Last reported position: Associate Director for Administration & Outreach, Center for Advanced Information Processing (CAIP), Rutgers University, Piscataway, NJ

Class of 1975, Barry **Baxt**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Bablanian, Rostom

Thesis: Studies on the mechanisms of vesicular stomatitis virus cytopathic effects

Last reported position: Research Biologist, USDA, ARS, Plum Island Animal Disease Center, Greenport, NY

Class of 1975, Ronald **Hellman**, M.D., M.S., Anatomy and Cell Biology, Thesis Sponsor(s): Ford, Donald H.

Thesis: Heterogeneity of growth in hypothalamic neurons as reflected by nuclear size and labelling with ³H-uridine

Last reported position: Staff Psychiatrist, Heights-Hill Mental Health Service, Brooklyn, NY

Class of 1975, Robert Leonard **Knobler**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ford, Ronald H.

Thesis:

Last reported position: , Knobler Institute of Neurologic Disease, Fort Washington, PA

Class of 1975, Michael A. **Levi**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s):

Thesis:

Last reported position: Clinical Associate Professor, Pediatrics, NYU Medical Center, New York, NY

Class of 1975, Stephen Lloyd **Lipsius**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario

Thesis:

Last reported position: Professor, Loyola University Medical Center, Maywood, IL

Class of 1975, William **Warner**, Ph.D., Pharmacology, Thesis Sponsor(s): Rubin, Ronald

Thesis:

Last reported position: Associate Professor, Division of Basic Sciences, New York University College of Dentistry, New York, NY

Class of 1975, Ken Scott **Zaner**, M.D./Ph.D., Biophysics, Thesis Sponsor(s): Schuel, Herbert

Thesis: P31 Nuclear Magnetic Resonance Studies of Normal and Malignant Tissues

Last reported position: Associate Professor of Medicine, Boston University School of Medicine, Boston, MA

Class of 1974, Prasad S. **Kulkarni**, M.S./Ph.D., Pharmacology, Thesis Sponsor(s): Kirpekar, Sadashiv M.

Thesis:

Last reported position: Professor of Ophthalmology and Visual Sciences, Kentucky Lions Eye Research Institute, Louisville, Kentucky

Class of 1974, Lawrence A. **Minkoff**, Ph.D., Biophysics, Thesis Sponsor(s): Damadian, Raymond

Thesis:

Last reported position: President, Minkoff Research Laboratories, Locust Valley, NY

Class of 1974, Robert A. **Pedersen**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Riss, Walter

Thesis:

Last reported position: , Hamilton Medical Center, Dalton, GA

Class of 1974, John J. **Picarelli**, Ph.D., Physiology, Thesis Sponsor(s): Levy, Harold A.

Thesis:

Last reported position: Professor Emeritus of Physiology, SUNY - College of Optometry, New York, NY

Class of 1974, James Gerald **Quirk**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Hamilton, James B.

Thesis:

Last reported position: Professor, Obstetrics and Gynecology, SUNY Stony Brook, Stony Brook, NY

Class of 1973, Kenneth R. **Kellner**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Hamilton, James B.

Thesis:

Last reported position: Professor of Maternal-Fetal Medicine, Obstetrics and Gynecology, University of Florida College of Medicine, Gainesville, FL

Class of 1973, Kenneth R. **Kellner**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Hamilton, James B.

Thesis:

Last reported position: Retired - Professor of Maternal-Fetal Medicine, Obstetrics and Gynecology, University of Florida College of Medicine, Gainesville, FL

Class of 1973, Gerald N. **Levy**, Ph.D., Biochemistry, Thesis Sponsor(s): Kuchinkas, Edward J.

Thesis:

Last reported position: Research Scientist - Pharmacology, University of Michigan Medical School, Ann Arbor, MI

Class of 1973, Steven Dennis **Paul**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Spiers, Robert S.

Thesis:

Last reported position: , Portsmouth Hospital/Harvard Medical School, Portsmouth, NH

Class of 1973, Nicholas Michael **Ponzio**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Spiers, Robert S.

Thesis:

Last reported position: Professor, Pathology, UMDNJ - New Jersey Medical School, Newark, NJ

Class of 1973, Odd Sveinung **Steinsland**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis:

Last reported position: Professor, Pharmacology and Toxicology, University of Texas Medical Branch, Galveston, TX

Class of 1972, Keith John **Baxendale**, Ph.D., Physiology, Thesis Sponsor(s): Ushiyama, J.
Thesis: Cerebellar control of postural reactions : the influence of the cerebellum on motoneurons[sic] involved in the stretch reflex
Last reported position: Lecturer in Physiology, Biological Sciences, Glasgow College of Technology, Glasgow G40BA, Scotland

Class of 1972, Gregory P. **Burke**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Murray, Irwin M.
Thesis: The effect of a continuous exposure to antigen during the primary 19S immune response to sheep erythrocytes in the rat
Last reported position: Vice President, Novartis Pharma AG, East Hanover, NJ

Class of 1972, Robert J. **Campbell**, Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo
Thesis: Calcium ion movements in isolated myocardial cells and intact myocardium from embryonic chick heart
Last reported position: Associate Director, Biochemistry Branch, Chemical and Biological Science Division, Army Research Office, Durham, NC

Class of 1972, Richard Alan **Carchman**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: The action of adrenocorticotropin, adenosine 3', 5'-monophosphate and calcium on adrenal cortical activity
Last reported position: Professor of Pharmacology and Toxicology, Medical College of Virginia, Richmond, VA

Class of 1972, Octavio G. **Choy**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ford, Donald H.
Thesis: The accumulation of 3H DL-Lysine in the rat brain : the effect of ethanol anesthesia and hyperbaric oxygenation
Last reported position: Senior Attending Physician, Neuroradiology and Women's Imaging, St. Vincent's Medical Center, Bridgeport, CT

Class of 1972, Robert M. **Fineman**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Hamilton, James B.
Thesis: Duration of life, reproductive performance, growth and sexual development of male and female phenotypes in three sex chromosomal genotypes (XX, XY, YY) in the Killifish, *Oryzias Latipes*
Last reported position: , Washington State Department of Health Medical Center, Seattle, WA

Class of 1972, Ronald **Kartzinel**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ford, Donald
Thesis:
Last reported position: , Dupont Pharmaceuticals, Wilmington, DE

Class of 1972, Matthew **Pincus**, Ph.D., Biochemistry, Thesis Sponsor(s): Carty, Robert P.
Thesis:
Last reported position: Professor, Pathology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1972, Philip **Posner**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario
Thesis:
Last reported position: Professor and Curriculum Director, Physiology, Florida State College of Medicine,

Class of 1972, Ralph **Rossi**, Ph.D., Biochemistry, Thesis Sponsor(s): Lerner, Leon
Thesis:
Last reported position: Director of Clinical Chemistry, Chemistry Department, Brooklyn VA Hospital, Brooklyn, NY

Class of 1972, John J. **Weisse**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): MacKay, Murray

Thesis:

Last reported position: Associate Professor, Surgery, University of Arkansas Medical School, Fort Smith, AR

Class of 1971, Youngnam **Cha**, Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo

Thesis: Studies on calcium transport in red blood cell membrane fragments

Last reported position: Director, NORTRC, Pharmacology & Toxicology, Medicinal Toxicology Research Center & NORTRC, Inha Univ., Choong-Gu Incheon, 400-712

Class of 1971, Dierdre Arlene **Cohn**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Spiers, Robert S.

Thesis: The influence of neonatal thymectomy on cellular responses to antigen in the mouse peritoneal cavity

Last reported position: Professor of Biology, Biology, CUNY - York College, Jamaica, NY

Class of 1971, Jocelyn Wendy **Dow**, Ph.D., Biochemistry, Thesis Sponsor(s): Stracher, Alfred

Thesis: Developmental changes in the structure and properties of myosin

Last reported position: Associate Director IBL Undergraduate School, University of Glasgow, Scotland, U.K.

Class of 1971, Peter A. **Ostrow**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Hamilton, James B.

Thesis:

Last reported position: Associate Professor Emeritus, Pathology, SUNY Buffalo School of Medicine and Biomedical Sciences, Buffalo, NY

Class of 1970, Arthur B. **Chausmer**, M.D./Ph.D., Physiology, Thesis Sponsor(s): Wallach, Stanley

Thesis: The effect of parathyroid hormone on the cellular transport of calcium in rat liver

Last reported position: Retired, Dorn VA Medical Center, Columbia, SC

Class of 1970, S. Mitchell **Harman**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Talbert, George

Thesis: Studies of factors involved in the decline of reproductive capacity with increased maternal age

Last reported position: Director and President, Kronos Longevity Research Institute, Phoenix, AZ

Class of 1970, Maurice Samuel **Holder**, M.S., Physiology, Thesis Sponsor(s): Vassalle, Mario

Thesis: The role of the vagus nerve in the control of the sinus node

Last reported position: Associate Professor, College of Pharmacy, Florida A & M University, Tallahassee, FL

Class of 1970, Siret Desiree **Jaanus**, Ph.D., Pharmacology, Thesis Sponsor(s): Rubin, Ronald P.

Thesis: A study on the mechanism of action of adrenocorticotrophic hormone on the adrenal cortex

Last reported position: Professor of Pharmacology and Chairperson, Biological Sciences, SUNY College of Optometry, New York, NY

Class of 1970, Doo Hee **Kang**, Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo

Thesis:

Last reported position: Emeritus Professor of Physiology, Physiology, Yonsei University College of Medicine, CPO Box 8044, Seoul, Korea

Class of 1969, Philip Iniziato **Polimeni**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario

Thesis:

Last reported position: Associate Professor of Pharmacology, Retired, University of Manitoba, Winnipeg, Manitoba, Canada

Class of 1969, Robert S. **Zeiger**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Spiers, Robert S.

Thesis:

Last reported position: Division Chief, Allergy and Clinical Immunology, Kaiser Permanente Medical Center, San Diego, CA

Class of 1968, Paula (Goldberg) **Bursztyn**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: Application of a new procedure for determining dissociation constants and relative efficacies of agonists on parasympathetic receptors

Last reported position: , Medicine, Smith, Klein & French, Philadelphia, PA

Class of 1968, Lewis Charles **Gershman**, M.D./Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Dreizen, Paul

Thesis: Subunit structure of myosin

Last reported position: Professor of Medicine and Physiology, Albany Medical School/Veterans Administration Medical Center, Albany, NY

Class of 1968, Anna L. **Kleinhaus**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis:

Last reported position: Professor, Cell Biology and Anatomy, New York Medical College, Valhalla, NY

Class of 1968, George **Paleologos**, Ph.D., Biochemistry, Thesis Sponsor(s): Muntwyler, Edward

Thesis: Free amino acid content of tissues from rats with accelerated and depressed gluconeogenesis

Last reported position: Professor of Biological Chemistry, Laboratory of Biological Chemistry, University of Athens Medical School, GR 11527, Athens, Greece

Class of 1968, Kalman **Rubinson**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Riss, Walter

Thesis:

Last reported position: Associate Professor, Physiology and Neuroscience, New York University College of Medicine, New York, NY

Class of 1967, Stanley L. **Cohan**, Ph.D., Anatomy, Thesis Sponsor(s): Ford, Donald H.

Thesis: A metabolic effect of X-irradiation upon the developmental sequelae of the central nervous system, the uptake and degradation of exogenously administered I131-labeled-1-triiodothyronine

Last reported position: Professor and Chairman of Neurology, Georgetown University, Washington, DC

Class of 1967, Bernard David **Geller**, Ph.D., M.D., Anatomy and Cell Biology, Thesis Sponsor(s): Spiers, Robert S.

Thesis: Alterations in the responses to antigen in mice following treatment with Actinomycin D

Last reported position: , Allergy and Clinical Immunology Medical Group, Santa Monica, CA

Class of 1967, Bert **Spilker**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis:

Last reported position: President, Bert Spilker & Associates, Bethesda, MD

Class of 1967, Arun R. **Wakade**, M.S./Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: An investigation of tyramine tachyphylaxis and the interactions of tyramine and bretylium in the guinea pig isolated left atrium

Last reported position: Professor of Pharmacology, Wayne State University School of Medicine, Detroit, MI

Class of 1967, Michael B. **Wang**, Ph.D., Physiology, Thesis Sponsor(s): Koizumi, Kiyomi

Thesis:

Last reported position: Professor of Physiology, Temple University School of Medicine, Philadelphia, PA

Class of 1967, Arthur Lee **Wollman**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Hamilton, James B.

Thesis:

Last reported position: Urologist, Kaiser Permanente Medical Group - Southern California, San Diego, CA

Class of 1966, Arthur L. **Bassett**, Ph.D., Physiology, Thesis Sponsor(s): Kao, Chien-Yuan

Thesis: Postextrasystolic potentiation at rest and in exercise

Last reported position: Professor of Pharmacology, Molecular and Cellular Pharmacology, University of Miami School of Medicine, Miami, FL

Class of 1966, Arlene **Hoffman**, Ph.D., Physiology, Thesis Sponsor(s): Levy, Harold A.

Thesis: Studies on thyroidal histamine

Last reported position: , Podiatric Medicine, Private Practice, San Francisco, CA

Class of 1966, Herbert **Ladinsky**, Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo

Thesis: Studies on the uptake of calcium by cardiac sarcoplasmic reticulum fragments and the action of ouabain on this uptake

Last reported position: Director, Biochemistry and Molecular Pharmacology, Boehringer Ingelheim Italia, Milan, Italy

Class of 1966, Marion J. **Siegman**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: Energy sources for active sodium and potassium movements in uterine muscle

Last reported position: Professor and Chair, Physiology Department, Sidney Kimmel Medical College, Thomas Jefferson University, Philadelphia, PA

Class of 1965, Barry Paul **Goz**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: Studies on the release of catecholamine from the adrenal medulla

Last reported position: Professor of Pharmacology, Pharmacology, University of North Carolina School of Medicine, Chapel Hill, NC

Class of 1965, Melvyn **Lieberman**, Ph.D., Physiology, Thesis Sponsor(s): Kavalier, Frederick

Thesis: An electrophysiological study of the embryonic chick heart

Last reported position: Professor of Physiology, Cell Biology, Duke University Medical Center, Durham, NC

Class of 1965, Frederick George **Walz, Jr.**, Ph.D., Biochemistry, Thesis Sponsor(s): Chan, Philip C.

Thesis: The adenosine triphosphate-dependent binding of sodium to an adenosine triphosphatase preparation from erythrocyte membrane

Last reported position: Professor, Chemistry, Kent State University, Kent, OH

Class of 1964, Frank R. **Scalia**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Riss, Walter

Thesis: Some central olfactory connections in the brain of a rabbit : an experimental anatomical study
Last reported position: Professor, Anatomy and Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1964, Benjamin J. **Scherlag**, Ph.D., Physiology, Thesis Sponsor(s): Hoffman, Brian
Thesis: Determinants of oxygen consumption by isolated cat heart muscle during rest and activity
Last reported position: Professor of Medicine and Career Research Scientist, Veterans Administration Medical Center, Oklahoma City, OK

Class of 1963, Robert Peter **Carty**, Ph.D., Biochemistry, Thesis Sponsor(s): Kirshenbaum, Donald
Thesis: A kinetic analysis of the papain-catalyzed synthesis of hippuryl anilide
Last reported position: Associate Professor, Biochemistry, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1963, Stewart Joel **Ehrrich**, M.S., Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: The effect of visible and ultraviolet radiation on the contractility of mammalian smooth muscle from different organs
Last reported position: President, Ehrreich Consulting, Inc., Fort Meyers, FL

Class of 1963, Ira **Wexler**, Ph.D., Physiology, Thesis Sponsor(s): Kao, Chien-Yuan
Thesis: Some factors affecting renal blood flow during exercise
Last reported position: Private Practice in Neurology, , Baltimore, MD

Class of 1962, Robert **Cancro**, Med.D.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s):
Bychowsky, Gustav
Thesis: A comparison of process and reactive schizophrenia
Last reported position: Lucius N. Littauer Professor of Psychiatry, Psychiatry, New York University Medical Center, New York, NY

Class of 1962, Arthur A. **Sugerman**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s):
Bychowski, Gustav
Thesis: Prognostic factors in schizophrenia : a developmental approach
Last reported position: Director, Affective Disorders Program, Carrier Foundation, Belle Mead, NJ

Class of 1961, Albert **Grossman**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: The effects of frequency of stimulation, calcium concentration, and various drugs on calcium exchange and contractility of the isolated guinea pig left auricle
Last reported position: Professor of Pharmacology, New York University Medical Center, New York, NY

Class of 1961, Zia David **Penefsky**, Ph.D., Physiology, Thesis Sponsor(s): Hoffman, Brian
Thesis: A comparative study of factors influencing length-tension relationships in heart muscle
Last reported position: Research Professor of Pharmacology, , Syracuse, NY

Class of 1960, Maurice Bernard **Feinstein**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: The effects of experimental congestive heart failure, asphyxia, and ouabain on the high-energy phosphate and creatine content of the guinea pig heart
Last reported position: Professor of Pharmacology, University of Connecticut Health Center, Farmington, CT

Class of 1960, Kalman **Greenspan**, Ph.D., Physiology, Thesis Sponsor(s): Cranefield

Thesis: The oxygen metabolism of the mammalian heart

Last reported position: Professor Emeritus of Physiology and Biophysics, Indiana University School of Medicine, Indianapolis, IN

Class of 1960, Arnold **Schwartz**, Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo

Thesis: Biochemical studies on experimentally induced heart failure

Last reported position: Distinguished Professor, Institute of Molecular Pharmacology and Biophysics, Department of Internal Medicine, University of Cincinnati College of Medicine, Cincinnati, OH

Class of 1960, Burton Stewart **Sherman**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Parnell

Thesis: Studies of epithelia and the adrenal cortex in the vitamin A-deficient albino rat

Last reported position: Dean, School of Health Sciences, Center for Biomedical Education, Touro College, Dix Hills, NY

Class of 1959, Roger Lawrence **Spark**, M.S., Anatomy and Cell Biology, Thesis Sponsor(s): Murray, Irwin M.

Thesis:

Last reported position: Fellow, Obstetrics and Gynecology, American College Of OB/GYN, Arden Hill Hospital, Goshen, NY

Class of 1958, Ali A. **Kawi**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s):

Thesis:

Last reported position: Professor of Clinical Psychiatry, Psychiatry, SUNY Downstate Medical Center, Brooklyn, NY