

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: Justine Lottermoser, Ph.D, Manager of Career and Professional Development, justine.lottermoser@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](#)":

https://downstate.co1.qualtrics.com/jfe/form/SV_74gCT3r0wuTxXo1

Class of 2026, Stanley **Soroka**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Martello-Rooney, Laura
Thesis: Evaluation of Drug-loaded Microparticles and Paclitaxel-based Monotherapy in Human Pancreatic Adenocarcinoma in vitro Models.
Last reported position: Resident, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2025, Erica Y. **Griffith**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Lytton, William
Thesis: Investigating cortical oscillations in a data-driven multiscale model of macaque auditory thalamocortical circuits.
Last reported position: Residence in Psychiatry Research Track, New York University, New York, NY

Class of 2025, Quiana **Jones**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng
Thesis: Effect of phospholipid transfer protein and apolipoprotein M in sphingosine-1-phosphate and chylomicron metabolism.
Last reported position: Postdoctoral Fellow, Weill Medical College of Cornell University, New York, NY

Class of 2025, Aditi A. **Naik**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Hrabetova, Sabina
Thesis: Effect of enzymatic hyaluronan depletion on the structure and function of the brain's extracellular space.
Last reported position: Research Scientist, Institute for Basic Research in Developmental Disabilities, Staten Island, NY

Class of 2025, Veronica **Sebastian Avila**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Hernandez, A. Ivan
Thesis: Sex differences in memory modulation by mTORC1 activation.
Last reported position: Staff Researcher, University of Los Angeles, Los Angeles, CA

Class of 2025, Michael P. **Tekin**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Smith, Sheryl
Thesis: Sex differences in alpha-4-beta-delta GABAA receptor-regulated synaptic pruning in the primary motor cortex during adolescence and its role in motor learning flexibility.
Last reported position: Fellow, SUNY Downstate Medical Center, Brooklyn, NY

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, New York, NY

Class of 2024, Matthew R. **Evvard**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Smith, Sheryl
Thesis: Circuit Breakers: 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, 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, 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, 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, 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, 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, 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, Massachusetts General Hospital, Boston, MA

Class of 2023, Luna N. **Buitrago-Soto**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Alarcon, Juan Marcos
Thesis: Determinants for Alzheimer's disease: An exploration of metabolic and clinical risk.
Last reported position: Researcher, Fujirebio Diagnostics, Malverne, PA

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, Ohio State University, Columbus, OH

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, SUNY Downstate Health Sciences University, Brooklyn, NY

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, SUNY Downstate Health Sciences University, Brooklyn, NY

Class of 2023, Marzia **Spagnardi**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Martello-Rooney, Laura
Thesis: IL-1 β 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, 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, 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, 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, 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, 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, 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, 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, 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, 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, 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, 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, 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, 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: Physician-Scientist in Rheumatology, NYU Langone Health, New York, NY

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, 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: Forensic Pathologist/ Medical Examiner, Onondaga Medical Examiner's Office, Syracuse, NY

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, 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, 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, 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, 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, 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, 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, Columbia University, New York, NY

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, Stony Brook University, Stony Brook, 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, 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, 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, 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, University of Arizona, Tucson, Tucson, AZ

Class of 2018, Alaa A. **Sirwi**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Hussain, M. Mahmood
Thesis: The role of Microsomal Triglyceride Transfer Protein in the Brain and the Pancreas.
Last reported position: Assistant Professor of Cell Biology and Biotechnology, 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, 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, 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, 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, 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 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, 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, 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, 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, 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 Iflavivirus 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, 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, 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, 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, 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: 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, 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, 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, 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, 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, Rutgers-Robert Wood Johnson Medical Center, New Brunswick, NJ

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, University of Pennsylvania, Philadelphia, PA

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: Marketing Manager, Eppendorf Incorporated, Boston, MA

Class of 2014, Marcello M. **di Stasio**, 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, 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: Haplodeficiency 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, 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: n/aHouston 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, 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, 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 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, Tampa, FL

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, 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 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 γ in Dorsal Hippocampus during Long-term Potentiation and Spatial Memory Storage.

Last reported position: Post-doctoral Fellow, 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 TCbLR/CD320: The Gene Encoding the Receptor for Cellular Uptake of Transcobalamin-bound Cobalamin.

Last reported position: Assistant Professor, 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, 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, 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, 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, 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, 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: Physician's Assistant, Sollis Health, New York

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: Senior Biochemist, Siemens Healthineers, 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, 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, University of Maryland School of Medicine, Baltimore, MD

Class of 2012, Calvin **Yeang**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Jiang, Xian-Cheng

Thesis: Identification of functional domains in Sphingomyelin Synthase (SMS) and further investigation into the role of Phospholipid Transfer Protein (PTP) in lipid metabolism atherosclerosis.

Last reported position: n/a

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, New York, NY

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: n/aFMCG 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, Duke University, Durham, NC

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, 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, 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, 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, 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: n/aPfizer 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, 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: n/a Ross Medical College, Barbados

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, 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, New Haven, CT

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, Rochester, NY

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, 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 γ 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? 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, 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, 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, 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 epileptogenesis.

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

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, 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, 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, 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, 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, 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, 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, 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, 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, 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, Metropolitan Hospital, New York, NY

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, Columbia University, NYC, New York, NY

Class of 2007, Katayoun **Shahmiri**, M.S., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: The role of a novel protein, Clp-1, in transcription regulation during cardiac hypertrophy.

Last reported position: n/a

Class of 2007, Dezhi **Tian**, Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Bergold, Peter

Thesis: PKM zeta Regulation of Na/K ATPase: A Potential Endogenous Neuro-protective Mechanism of Ischemic Preconditioning.

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

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, 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: n/a Providence Hood River Memorial Hospital Cancer Center, Hood River, OR

Class of 2006, Bob **Chai**, M.D./Ph.D., Molecular and Cellular Biology, Thesis Sponsor(s): Laurent, Brehon

Thesis: Roles of the RSC Chromatin-Remodeling Complex in DNA Double-Strand Break Repair and Signaling.

Last reported position: Neuroradiology Clinical Fellow, Brigham and Women's Hospital, Boston, MA

Class of 2006, John **Crary**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Sacktor, Todd C.

Thesis: Atypical Protein Kinase C in Alzheimer's Disease.

Last reported position: Resident, Anatomical Pathology/ Neuropathology, Columbia University College of Physicians and Surgeons, New York, NY

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: n/a Gilbert Dermatology, 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, 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, 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, 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, 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, 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: n/aNorthshore 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, 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, 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: Opthamological 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, Dental School of the University of Michigan, Ann Arbor, Ann Arbor, MI

Class of 2006, Maoli **Yuan**, M.S., Pharmacology, Thesis Sponsor(s): Smith, Sheryl
Thesis: Regulation of GABAA receptor $\alpha 4$ subunit expression.
Last reported position: Research Fellow, SUNY Downstate Medical Center, Brooklyn, NY

Class of 2006, Xiangping **Zhou**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Smith, Sheryl
Thesis: Control of GABAA Receptor $\alpha 4$ Subunit Expression In a Human Neuroblastoma Cell Line.
Last reported position: Research Fellow, Children's Hospital, Boston, Boston, MA

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, University of Medicine & Dentistry, New Jersey, Newark, NJ

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, 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 occuring during transcription by T7 RNA polymerase.

Last reported position: Research Fellow, 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: Research Associate Professor, 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, 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, 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, University of Texas Rio Grande Valley, Edinburg, TX

Class of 2005, Shaohua **Xu**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Chapin, John
Thesis: Neurophysiological and psychophysical effects of microstimulation in somatosensory pathway.

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

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, 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, 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, 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??[PKC?II] a new brain-specific PKC isoform.

Last reported position: Assistant Professor, 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, 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, San Diego, CA

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, 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, 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, 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, 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, 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, The Rockefeller University, New York, NY

Class of 2004, Qizong **Yang**, Ph.D., Pharmacology, Thesis Sponsor(s): Michelson-Law, Hillary

Thesis: Chemical and nonchemical synaptic mechanisms of neuronal synchronization contribute to seizure activity in the Guinea Pig hippocampus.

Last reported position: Assistant Professor, SUNY Downstate Medical Center, Brooklyn, 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, 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 3 α ,5 β -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, 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, NYU Grossman School of Medicine, New York, NY

Class of 2003, Ding **Ding**, Ph.D., Pharmacology, Thesis Sponsor(s): Bergold, Peter
Thesis: A Novel in vitro model of cerebral ischemia.
Last reported position: Equity Research - Major Pharmaceuticals, Lehman Brothers, 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: Private Practice, Advanced Dermatology Associates, Rye Brook, 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, 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, Sparta, NJ

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, 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, FAS Sponsored Research, New York University, New York, NY

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, Shih-Chieh **Chuang**, Ph.D., Pharmacology, Thesis Sponsor(s): Wong, Robert K.S.
Thesis: A novel current generated by the activation of Group I metabotropic glutamate receptors in the hippocampus.
Last reported position: Fellow in Physiology & Pharmacology, SUNY Downstate Medical Center, Brooklyn, NY

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, 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, 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, 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, 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, VA New York Harbor Healthcare System, New York, NY

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, 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, 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, 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, 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, BD Biosciences, Sparks, MD

Class of 2001, Stefan **Bradū**, 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: n/aBay 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, 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, 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, Weill Medical College of Cornell University, New York, NY

Class of 2000, Saihan **Borghjia**, 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, 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, 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: n/a Weill Medical College of Cornell University, New York, NY

Class of 2000, Rong **Li**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Bernd, Paulette

Thesis: The Role of Neurotrophin-3 in chicken neuronal development.

Last reported position: n/a New Stillwell Wines & Spirits, Brooklyn, 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, 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: Senior Virologist, Arrow Therapeutics Ltd., London

Class of 2000, Diane **Parrotta-Imburgio**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis: Alterations in T7 promoter sequence affect the choice of start site and early steps in initiation and evidence that a conserved structural motif T7 RNA polymerase (DX2GR) binds to the RNA:DNA hybrid.

Last reported position: Assistant Professor, CUNY - College of Staten Island, Staten Island, NY

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, 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: n/aTelekurs 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, 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, 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, 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, Wayne State University, Detroit, MI

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

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: n/aCold Spring Harbor Laboratory, Cold Spring Harbor, NY

Class of 1999, Jian **Feng**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Dreizen, Paul
Thesis: A motility model for the actin-myosin-ATP crossbridge cycle : the role of actin flexibility in the crossbridge cycle.
Last reported position: Institutional Support Assistant, SUNY Downstate Medical Center, Brooklyn, 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: Characterization of halted T7 RNA polymerase elongation complexes.
Last reported position: Portal Engagement Specialist, BioIVT, Massapequa, 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, 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, Mingqing **Rong**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.

Thesis: T7 RNA Polymerase : promoter specificity determinants and the ability to utilize non-conventional templates.

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

Class of 1999, Malgorzata **Sobocka**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Kornecki, Elizabeth

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

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

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

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, 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 $\alpha 3$ 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: Professor, New York University, New York, 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, 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, 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: Induction and maintenance of bidirectional activity-dependent synaptic plasticity.

Last reported position: Associate Professor, 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: RAN1+ regulation of meiosis in fission yeast.

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

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

Thesis: Hemin induction of the expression of globin genes in K562 cell line associates with the activation of the transactivation domain but not the DNA binding domain of the hematopoietic transcription factor NF-E2.

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

Class of 1998, Elizabeth **Sublette**, M.D./Ph.D., Pharmacology, Thesis Sponsor(s): Sacktor, Todd C.

Thesis: Purification and characterization of atypical protein kinase C from bovine brain.

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

Class of 1998, Congxiao **Wang**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Lewis, John
Thesis: Aberrant induction of Interferon-responsive genes by transient transfection of mammalian cells.
Last reported position: n/a

Class of 1998, Su **Wang**, Ph.D., Physiology and Biophysics, Thesis Sponsor(s): Kavalier, Frederick
Thesis: Myocardial stiffness during acute ischemia.
Last reported position: Fellow, National Institutes of Health, Bethesda, MD

Class of 1997, Eirikur **Benediktz**, 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, 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: Pediatrician, 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: n/aPrivate 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: Subclasses of receptor neurons and segregated pathways in the vomeronasal system.
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: The effect of response cost on human operant behavior under a fixed-interval schedule of reinforcement.
Last reported position: Assistant Director, 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, 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: Regulation of phosphoprotein p18 during cellular proliferation, differentiation and transformation.
Last reported position: Assistant Professor, 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: Role of intraepithelial lymphocytes of small intestine in regulation of peak homocytotropic antibody (IgE, IgG1) responses in benzylpenicilloyl 24-keyhole limpet hemocyanin sensitized mice.
Last reported position: Chief Resident, Neuropathology, The Mount Sinai School of Medicine, New York, NY

Class of 1997, Tamar **Smith-Norowitz**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Durkin, Helen
Thesis: Role of CD8+CD60+ T cells in peripheral blood of atopic humans in regulation of allergic (IgE) responses.
Last reported position: Associate Professor, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1997, Gregory Warwick **Taylor**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Wong, Robert K.S.
Thesis: Synchronized activities in the hippocampus : a role for metabotropic glutamate receptors.
Last reported position: Resident in Neurology, University of California, Los Angeles, Los Angeles, CA

Class of 1997, Lie **Yang**, Ph.D., Pharmacology, Thesis Sponsor(s): Benardo, Larry
Thesis: Laminar properties of local circuits in rat somatosensory neocortex and their role in epileptogenesis.
Last reported position: Research Assistant Professor, 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: Associate Provost and Dean of Health Programs, 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, 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: n/aUniversity 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, Miami, FL

Class of 1996, Lan **Ko**, Ph.D., Biochemistry, Thesis Sponsor(s): Makowske, Mary
Thesis: Protein kinase C C-terminus is critical for function.
Last reported position: Research Fellow, Harvard Medical School, Boston, MA

Class of 1996, Yin **Lin**, Ph.D., Biochemistry, Thesis Sponsor(s): Feuerman, Miriam
Thesis: Identification of cis-acting elements of the alpha-fetoprotein gene required for expression during liver regeneration.
Last reported position: Fellow, Beth Israel Deaconess Medical Center, Boston, MA

Class of 1996, Lihua Yao **Marmorstein**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Bernd, Paulette
Thesis: The possible role of neurotrophins in avian embryonic development.
Last reported position: Fellow, 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, 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, 1st Medical Faculty of Charles University, Prague 2, Czech Republic

Class of 1996, Andrew Thomas **Parsa**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Lewis, John
Thesis: Transcriptional regulation of the interferon responsive gene BS4.
Last reported position: Chair, Northwestern University Feinberg School of Medicine, Chicago, IL

Class of 1996, Lena Shnayder **Shapiro**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Halpern, Mimi
Thesis: Studies of the developing and adult olfactory and vomeronasal systems of Brazilian gray short-tailed opossums, *monodelphis domestica*, with special emphasis on the heterogeneity of the adult opossum accessory olfactory system.
Last reported position: Sr. Medical Writer, Organon, Inc.,

Class of 1996, Nancy **Wang**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Chirico, William
Thesis: The role of Hsp70 molecular chaperones in post-translational translocation of presecretory proteins into the endoplasmic reticulum.
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: The expression of neurotrophin receptors during embryonic development.
Last reported position: Research Associate, 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, Brookdale Hospital, Brooklyn, NY

Class of 1995, Giuseppe **Conдеми**, 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 **de Voti**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McLeod, Maureen
Thesis: Identification and immunologic characterization of two antigenic core proteins of vaccinia virus.
Last reported position: Assistant Professor, AECOM, Long Island Jewish Medical Center, Queens, NY

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

Class of 1995, Lyndon **Gross**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): McAllister, William T.
Thesis: Characterization of bacteriophage T7 RNA polymerase by linker insertion mutagenesis.
Last reported position: n/a Orthopedic Center of St. Louis, Chesterfield, MO

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: Associate Professor, Director of Pediatric Allergy & Immunol, 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: Copurification of casein kinase II with 20 S proteasomes and phosphorylation of a 30 KDa proteasome subunit.
Last reported position: Surgeon, Kaiser Permanente, Clackamas, OR

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

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

Class of 1995, Annette **Schettino**, M.S., Microbiology and Immunology, Thesis Sponsor(s): McLeod, Maureen
Thesis: The role of the mei3 gene in sexual differentiation in the fission yeast *Schizosaccharomyces pombe*.
Last reported position: Submission Medical Writer (Vaccines), Pfizer, Gladstone, NJ

Class of 1995, Claude Beresford **Scott**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Cramer, Eva
Last reported position: Assistant Professor, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1995, Hao **Shi**, Ph.D., Pharmacology, Thesis Sponsor(s): Stelzer, Armin
Thesis: Mechanisms of regulation of GABA_A and AMPA receptor function by intracellular calcium in CA1 hippocampal pyramidal cells.
Last reported position: Associate Scientist, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1995, Yan **Zeng**, M.S., Biochemistry, Thesis Sponsor(s): Rushbrook, Julie
Thesis: NAD-dependent isocitrate dehydrogenase from bovine heart : primary structure of subunit 3/4.
Last reported position: Post-Doctoral Fellow, Duke University, Durham, NC

Class of 1995, Shirong **Zhang**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Volkert, Fredric
Thesis: Studies on GLC7, a type 1 protein phosphatase in *Saccharomyces cerevisiae*.
Last reported position: Fellow, National Cancer Institute, NIH, Frederick, MD

Class of 1994, Khaled **Abu-lawi**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Sultzter, Barnet
Thesis: Signal transduction in murine macrophages activated by endotoxin associated protein.
Last reported position: Principle Research Scientist, Kings County Hospital Center, Brooklyn, NY

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, NYU-Langone, New York, NY

Class of 1994, Patrizia **Casaccia-Bonnet**, 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, 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: n/aUniversity of California, San Diego, La Jolla, CA

Class of 1994, Li (Lee) **Jia**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: Effects of sulfhydryl compounds on nitric oxide and endothelium-derived relaxing factor.
Last reported position: Project Director, National Cancer Institute, NIH, Rockville, MD

Class of 1994, Sean-Bong **Lee**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Esteban, Mariano
Thesis: Characterization of interferon-induced, double-stranded RNA-activated protein Kinase.
Last reported position: n/aMGH Cancer Center, Charlestown, MA

Class of 1994, Bo **Liu**, Ph.D., Biochemistry, Thesis Sponsor(s): Gick, Gregory
Thesis: Regulation of Na, K-ATPase [beta]1 subunit gene expression by thyroid hormone.
Last reported position: Fellow, Memorial Sloan-Kettering Cancer Center, New York, NY

Class of 1994, Yongquan **Luo**, Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Halpern, Mimi
Thesis: Chemical signal transduction in the vomeronasal epithelium of garter snakes : identification of chemoattractant receptors and G proteins, and evidence for receptor-effector coupling.
Last reported position: Staff Scientist, 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: Termination by T7 RNA polymerase.

Last reported position: Executive Director, Regeneron Pharmaceuticals, Tarrytown, NY

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

Thesis: The regulation of globin gene transcription by metalloporphyrins or phorbol esters.

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: Characterizing a promoter specificity determinant of bacteriophage T7 and T3 RNA polymerases.

Last reported position: n/a 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, University of California, San Francisco, San Francisco, CA

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

Thesis: Ionic channel functions in smooth myocytes of lower urinary tract of guinea-pigs.

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

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

Thesis: Magnesium as a physiological regulator of cardiac function.

Last reported position: Section Chief, Clinical Microbiology, 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, 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: Retired, 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, New York Blood Center, New York, NY

Class of 1993, Brendan **Lee**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Esteban, Mariano

Thesis: Molecular characterization of homotrimeric types II and III collagen disorders.

Last reported position: Associate Professor, HHMI Investigator, Baylor College of Medicine, Houston, TX

Class of 1993, Yibing **Li**, Ph.D., Pharmacology, Thesis Sponsor(s): Friedman, Stanley

Thesis: The Methylation patterns of bovine papillomavirus DNA in L-M(tk)cells.

Last reported position: n/a

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

Thesis: Construction of Sfi I jumping libraries.

Last reported position: Research Scientist, 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: Functional analysis and development modulation of a transcription factor that recognizes two activator elements of divergent sequence: implication of gene control.

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

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

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

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

Thesis: Regulation of tissue-specific expression of the chicken myosin light chain-2 gene: molecular dissection of the proximal promoter.

Last reported position: n/aUniversity of California, La Jolla, San Diego, CA

Class of 1992, James Joseph **Celentano**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Farb, David

Thesis: Molecular interactions at the GABA_A receptor: functional studies on voltage-clamped chick spinal cord neurons.

Last reported position: Research Scientist - part time, SUNY Downstate Medical Center, Brooklyn, NY

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, Biovest International, Worcester, Mass

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

Thesis: Identification and characterization of a novel lymphocyte plasma membrane antigen involved in high endothelial cell recognition defined by monoclonal antibody IMA-51.

Last reported position: Associate Professor, 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

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

Class of 1992, Ruo Quan **Shen**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Siddiqui, M.A.Q.

Thesis: Mechanism of tissue specific transcription of cardiac myosin light chain-2 gene.

Last reported position: n/a

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

Thesis: Loss of ganglion cells and the return of vision during optic nerve regeneration: comparison with normal parameters.

Last reported position: Asst. Professor and Milton and Muriel Division Chief, 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: Characterization and comparison of two forms of proteasome from human erythrocytes.

Last reported position: n/aNortheast Neurosurgery, Bangor, ME

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

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

Class of 1992, Hong **Xu**, Ph.D., Biochemistry, Thesis Sponsor(s): Gintzler, Alan

Last reported position: CEO, United Trucking Association,

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, 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, U.S. Food and Drug Administration, Bethesda, MD

Class of 1991, Beiru Jia **Chen**, Ph.D., Biochemistry, Thesis Sponsor(s): Feinman, Richard
Thesis: The Mechanism of the reaction of alpha2-macroglobulin with proteases and methylamine.
Last reported position: Resident, New England Deacovers Hospital, Boston, MA

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): Sultzter, Barnet
Thesis: Structural and functional studies of the vaccinia virus nucleic acid-dependent ATPase.
Last reported position: Professor, University of Texas Southwestern Medical Center at Dallas, Dallas, TX

Class of 1991, Chingfeng **Lai**, Ph.D., Biochemistry,
Thesis: Structural and functional characterization of the vaccinia virus14KDa envelope protein synthesized in eschericia coli.
Last reported position: n/a

Class of 1991, Simon Xiaoching **Lee**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Etlinger, Joseph
Last reported position: Research Associate, 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: Regulation of the gaba[alpha]receptor : effects of chronic gaba, benzodiazepines and methylxanthines.
Last reported position: n/aPulmonary 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: Identification and characterization of interferon-regulated genes.
Last reported position: Research Director, Amgen, South San Francisco, CA

Class of 1991, Mark **Speziale**, M.D./Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.
Thesis: The thiols in platelet thrombospondin : evidence of intramolecular thiol-disulfide exchange.
Last reported position: Physician, Rady Children's Hospital San Diego (RCHSD), San Diego, CA

Class of 1991, Hyacinth **Sterling**, Ph.D., Biochemistry, Thesis Sponsor(s): Stracher, Alfred
Last reported position: n/a

Class of 1991, Mark **Stewart**, M.D./Ph.D., Neural and Behavioral Science, Thesis Sponsor(s): Fox, Steven
Thesis: The Medial septal nuclei: an investigation into the pacemaker mechanism for the hippocampal theta rhythm.
Last reported position: Professor, 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.
Last reported position: n/aBristol-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, SUNY Geneseo, Geneseo, NY

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

Thesis: Isolation and characterization of two bioactive compounds from electric shock-induced earthworm secretion: a chemoattractant to garter snakes and an alarm pheromone to conspecifics.

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

Class of 1990, Yan **Li**, M.S., Pharmacology, Thesis Sponsor(s): Shied, Bertrum

Thesis: Identification, partial purification and characterization of a shad roe derived endothelial cell growth factor.

Last reported position: n/a

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, 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, Cambridge Antibody Technology, Inc., Palo Alto, CA

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

Thesis: A Possible mechanism of vaccinia virus-induced shut-off of host protein synthesis.

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

Class of 1990, Il-Je **Yu**, Ph.D., Pathology, Thesis Sponsor(s): Michl, Josef

Thesis: Leishmania major parasite interaction with monocyte-derived human macrophages.

Last reported position: Director, Toxicology division, HCTm, Icheon-si, Gyeonggi-do

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, 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

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: In vitro studies of B16 melanoma cell migration and its haptotactic stimulation by fibronectin.

Last reported position: Associate Professor, 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: Biochemical and genetic characterization of immunodominant proteins of vaccinia virus.

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

Last reported position: n/aNew York Presbyterian Hospital Cornell Medical Center, New York, NY

Class of 1989, Joseph **Miller**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Last reported position: n/a

Class of 1989, Ramaswamy **Viswanathan**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s): Friedman, Steven
Thesis: Communication about death -- an ethical dilemma for physicians?
Last reported position: Professor, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1988, Marshall **Balish**, M.D./Ph.D., Biophysics, Thesis Sponsor(s): Dreizen, Paul
Thesis: Ligand effects on myosin and acto-myosin subfragment-1 ATPase, and the functional role of fast-muscle myosin isozymes.
Last reported position: Assistant Chief of Neurology, Washington Veterans Administration Medical Center, Washington, DC

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.
Last reported position: n/a White Plains High School, White Plains, NY

Class of 1988, Adolph **Christ**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s): Barroso, Felix
Thesis: Social area analysis : relationship of health area population parameters to child adolescent psychiatric hospitalization rates across three decades--Kings County Hospital, Brooklyn, New York, 1960--1970--1980.
Last reported position: Clinical Professor Emeritus, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1988, Dinko **Podrug**, D.M.Sc., Research Training in Psychology and Clinical Behavior,
Thesis: Patient's work on his core conflictual relationship them (CCRT-W) as a measure of change in psychotherapy.
Last reported position: Acting Director, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1988, Bronislaw **Pytowski**, Ph.D., Pathology, Thesis Sponsor(s): Nowakowski, Maja
Thesis: Distribution of a human neutrophil differentiation antigen and receptors for Fc Gamma and C3bi on locomoting cells.
Last reported position: Group Leader, Imclone Systems Incorporated, New York, NY

Class of 1987, Lorraine **Clarke**, Ph.D., Pathology, Thesis Sponsor(s): Woodruff, Judith
Thesis: Studies of human endothelial binding factor in lymphocyte-high endothelial cell adhesion.
Last reported position: Clinical Assistant Professor of Pathology, SUNY Downstate Medical Center, Brooklyn, 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, 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, University of Texas at San Antonio, San Antonio, TX

Class of 1987, June **Ruszkowski**, Ph.D., Biophysics, Thesis Sponsor(s): Bablanian, Rostom
Thesis: MRI Angiography of the carotid artery.
Last reported position: n/a

Class of 1987, Yatien **Zhang**, Ph.D., Biophysics, Thesis Sponsor(s): Shafiq, Saiyid
Thesis: Studies on development and heterogeneity of striated muscles.

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

Class of 1986, Evelyn **Huang**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis: Stimulus-response coupling in platelets.

Last reported position: Post-Doctoral Fellow, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1986, Annette Lorraine **Kirchgessner**, Ph.D., Biological Psychology, Thesis Sponsor(s): Sclafani, Anthony

Thesis: Medial hypothalamic-hindbrain pathways and feeding behavior.

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

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

Thesis: Epithelial permeability and the transepithelial migration of human neutrophils.

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, 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: n/a Cornell University Medical Center, New York, NY

Class of 1985, John B. **Nobiletti**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: Nonreutilization of adrenal chromaffin granule membranes following secretion.

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: Lymphocyte recognition of lymph node high endothelium : cell surface molecules involved in adhesion defined by monoclonal anti-HEBF LN (A.11) antibody.

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

Last reported position: Research Associate Professor, Sylvester Comprehensive Cancer Center, Miami, FL

Class of 1985, Geri **Silver**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Carriere, Rita

Thesis: Calcium-dependent regulation of myofibrillar accumulation in chick muscle cultures : involvement of lysosomes in non-uniform turnover of contractile proteins.

Last reported position: Research Associate, 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, 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: n/a CUNY - City College Medical School, New York, NY

Class of 1984, Lee Mark **Cohen**, Ph.D., Microbiology and Immunology,

Thesis: Schistosoma mansoni : cloning and its applications.

Last reported position: n/a

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: Peroxidation products from lysozyme treated with Cu(II) and hydrogen peroxide.

Last reported position: Associate Professor, 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: Control of protein synthesis in L929 mouse fibroblast cells infected with vesicular stomatitis virus.

Last reported position: Assistant Attending Physician, Catholic Medical Center, Mary Immaculate Hospital, Jamaica, NY

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

Thesis: Regulation of the synthesis and degradation of mouse L-cell plasma membrane proteins.

Last reported position: n/aHarvard Medical School, Beth Israel Hospital, Boston, MA

Class of 1983, Martin Bruce **Brecher**, D.M.Sc., Research Training in Psychology and Clinical Behavior,

Thesis: Vascular progenitor cells in multiple myeloma : genomic characterization and clinical significance.

Last reported position: n/aJanssen 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, 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, Anthony F. **Martino**, M.D./Ph.D., Biophysics,

Thesis: Sodium-23 NMR scanning.

Last reported position: n/a

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

Thesis: Fast and slow muscles of normal and dystrophic mice : amino acid transport and sarcolemma integrity.

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

Class of 1983, Rawhi A. **Omar**, Ph.D., Pathology,

Thesis: Phenotypic characteristics and protein synthesis patterns in clones of mouse embryo cells and their SV 40-transformants.

Last reported position: Assistant Professor of 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: ATP-dependent proteolysis in red cells : studies on the mechanism of action and changes with cell maturation.

Last reported position: Assistant Professor, Nassau Community College,

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

Thesis: Characterization of the binding of alpha-thrombin to platelets and the fate of the platelet-bound thrombin.

Last reported position: Professor of Pathology and Director, 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: Chief, National Institute of Mental Health, 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: n/aSource 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, 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: Professor Emeritus, 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: Selective in vitro adherence of lymphocytes to Myelinated areas of rat brain : characterizaton of the reaction and relationship to lymphocyte binding to high endothelial venules.
Last reported position: Physician, Integrated Dermatology of West Palm Beach, West Palm Beach, FL

Class of 1982, Peter Francis **Lenahan**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Dornfest, Burton
Thesis: An analysis of the complement system in a rat myelogenous leukemia.
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.
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: The mechanism of in vitro ATP-dependent matrix vesicle calcification.
Last reported position: Chief Operating Officer, Ezone Sciences Incorporated, Pine Brook, NJ

Class of 1982, Vincent K. **Tuohy**, Ph.D., Pathology, Thesis Sponsor(s): Durkin, Helen
Thesis: A study of functional and phenotypic changes of mouse splenic T lymphocyte subpopulations after allograft sensitization.
Last reported position: Staff and Professor, Cleveland Clinic Foundation, Cleveland, OH

Class of 1981, Steven O. **Franklin**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.
Thesis: Characterization of platelet glycogen phosphorylase.
Last reported position: Associate Professor, North Carolina Central University, Durham, NC

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, New York Medical College, Valhalla, NY

Class of 1981, Richard **Kalish**, M.D./Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Brody, Neil
Last reported position: Professor & Acting Chair, SUNY Stony Brook, Stony Brook, NY

Class of 1981, Efthiamios J. **Kasambalides**, Ph.D., Pathology,

Thesis: Effects of low molecular weight nutrients on the pattern of proteins synthesized by non proliferating murine L cell.

Last reported position: n/a

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

Thesis: Isolation and characterization of neuroblastoma clonal variants.

Last reported position: n/aHackensack University Medical Center, Hackensack, NJ

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

Thesis: Some computer applications and digital image processing in nuclear medicine.

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

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

Thesis: The organization of the lateral thalamus of the hooded rat.

Last reported position: Professor, 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, 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, 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: n/aKaiser 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: n/aRetired,

Class of 1980, John R. **McCollough**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Last reported position: n/a

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

Thesis: Neurological soft signs in schizopherina with premorbid asociality.

Last reported position: n/aNew York State Psychiatric Institute, New York, NY

Class of 1980, Linda **Siemankowski**, Ph.D., Biochemistry, Thesis Sponsor(s): Stracher, Alfred

Thesis: Developmental changes in the contractile proteins of rabbit skeletal muscle.

Last reported position: n/a

Class of 1980, Steven Edward **Walker**, M.S./Ph.D., Pharmacology,

Thesis: Structure-activity relations of some saxitoxin analogs.

Last reported position: n/a

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

Thesis: A chicken liver glutathione S-transferase : its purification, characterization, and potential role in the regulation of intracellular hepatic heme pools.

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: n/aStaten 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: Effect of guanidine on release of norepinephrine.

Last reported position: Clinical Neuropsychologist, Pace University, New York, NY

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

Thesis: High resolution 31p NMR studies of normal and malignant tissues.

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

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

Thesis: On the mechanism of strophanthidin-induced electrical and mechanical toxicity in cardiac purkinje fibers.

Last reported position: Professor of Pharmacology and Bioengineering, Chairman, 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, University of Miami School of Medicine, Miami, FL

Class of 1979, Hsin-Hsiang **Lu**, Ph.D., Physiology, Thesis Sponsor(s): Brooks, Chandler McCuskey

Thesis: Sinoatrial node activity and its response to some influencing factors.

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: Study of an endopeptidase from the uterine secretion of the rat.

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.

Last reported position: n/aAlbany Medical College, Albany, NY

Class of 1979, Richard Anthony **Sorace**, M.D./Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo

Thesis: Lysosomotropic approach to cancer chemotherapy.

Last reported position: Medical Director of Radiation Oncology, University Community, Tampa, FL

Class of 1979, Sang William **Tam**, Ph.D., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.

Thesis: Interaction of thrombin with human platelets.

Last reported position: Senior Director, Clinical Program Development, 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 life.

Last reported position: Clinical Assistant Professor, NYU Psychoanalytic Institute, NYU School of Medicine, New York, NY

Class of 1978, David R. **Colman**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Stempak, Jerome and Frank Scalia

Thesis: A light and electron microscopic study on the endocytosis and transport of an exogenous macromolecule by retinal ganglion cells.

Last reported position: Professor, The Mount Sinai 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, Wright State University, School of Medicine, Dayton, OH

Class of 1978, Hellen C. **Greenblatt**, Ph.D., Microbiology and Immunology, Thesis Sponsor(s): Eveland

Thesis: Complement : its role in tail loss during in vitro conversion of schistosoma mansoni cercariae to schistosomula.

Last reported position: Vice President, DCV Biologics, L.P., Wilmington, DE

Class of 1978, Jacqueline Frances **McGinty**, Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Riss, Walter

Thesis: The effects of prenatal methadone exposure on growth, sensorimotor development, and brain catecholamines in rats.

Last reported position: Professor, Medical University of South Carolina, Charleston, SC

Class of 1978, Harvey **Reisine**, Ph.D., Neuroscience, Thesis Sponsor(s): Ranck, James B., Jr.

Thesis: Electrophysiological analysis of evoked activity in the mammillary complex of the cat.

Last reported position: n/a 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: A comparison of the neuronal regenerative response and axonal sprout outgrowth at various intervals after facial nerve crush injury in saline treated and acute and chronic morphine treated rats.

Last reported position: Professor, 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: The role of the vomeronasal organ in garter snake prey trailing and courtship.

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

Class of 1977, Steven Louis **Lansman**, M.D./Ph.D., Biophysics, Thesis Sponsor(s): Dreizen, Paul

Thesis: Structural and enzymatic properties of canine cardiac myosin, as related to experimentally induced volume overload hypertrophy.

Last reported position: Professor, Chief, Cardiothoracic Surgery, New York Medical College, Valhalla, NY

Class of 1977, Jerod M. **Loeb**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario

Thesis: Studies on the uptake of calcium by cardiac sarcoplasmic reticulum fragments and the action of ouabain on this uptake.

Last reported position: Executive Vice President, Joint Commission on Accreditation of Healthcare Organization, Oakbrook Terrace, IL

Class of 1977, Ronald John **Lukas**, Ph.D., Biophysics, Thesis Sponsor(s): Dreizen, Paul
Last reported position: Senior Staff Scientist, 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: Genetically restricted transplant-induced immunosuppression of second renal allografts in the rat.
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: Primary in vitro sensitization of murine lymphocytes against simian virus 40 transformed cells.
Last reported position: n/aHarvard 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
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
Last reported position: Professor of Neurological Sciences, Rush University Medical Center, Chicago, IL

Class of 1977, Warren W. **Wasiewski**, M.S., Biochemistry, Thesis Sponsor(s): Detwiler, Thomas C.
Thesis: Characterization of the binding of human α thrombin to platelets.
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: n/aHematology 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, Christopher Lane **Coe**, Ph.D., Biological Psychology, Thesis Sponsor(s): Begleiter, Henri
Thesis: Factors influencing male socio-sexual behavior in the bonnet macaque (*macaca radiata*).
Last reported position: Professor, University of Wisconsin - Madison, Madison, WI

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: The interaction of thrombin and platelets.
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: A study of the effects of amantadine on the uptake and release of catecholamines.
Last reported position: n/aStony 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, Rutgers University, Piscataway, NJ

Class of 1976, Lois Lazarus **Weiss**, M.S., Biological Psychology, Thesis Sponsor(s): Ware, Carolyn
Last reported position: n/aPrivate Practice, Flushing, NY

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, Walter **Dixon**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: Studies on the mechanism of secretion of catecholamines from the adrenal gland.
Last reported position: Associate Professor of Pharmacology and Toxicology, University of Kansas School of Pharmacy, Lawrence, KS

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: Cellular aspects of myelin formation in the spinal cord of the albino rat.
Last reported position: n/aKnobler Institute of Neurologic Disease, Fort Washington, PA

Class of 1975, Michael A. **Levi**, M.D./Ph.D., Anatomy and Cell Biology,
Thesis: The effect of morphine on the movement of 3H-Lysine : from plasma into the free amino acid pool ; from the free amino acid pool into the protein of brain and muscle.
Last reported position: Clinical Associate Professor, NYU Medical Center, New York, NY

Class of 1975, Stephen Lloyd **Lipsius**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario
Thesis: An analysis of the effect of acetylcholine on potassium movements in the sinoatrial node.
Last reported position: Senior Director of Pharmacology & Toxicology, Tenaya Therapeutics, South San Francisco, CA

Class of 1975, Anthony Joseph **Murgo**, M.D./M.S., Pathology, Thesis Sponsor(s): Athanassiades, Thomas
Thesis: A study of the adjuvant effect of Bordetella pertussis vaccine on the in vivo antibody response of mice and the in vitro antibody response of mouse spleen cells to sheep red blood cells.
Last reported position: Head, Dev. Therapeutics Section and Adjunct Investigator, National Cancer Institute, NIH, Bethesda, MD

Class of 1975, Albert L. **Rabinovitch**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Anderson, H. Clarke
Last reported position: Medical Director, Abbott Laboratories, Santa Clara, CA

Class of 1975, William **Warner**, Ph.D., Pharmacology, Thesis Sponsor(s): Rubin, Ronald
Thesis: A study of the steroidogenic responses of cat adrenal cortical cell suspensions.
Last reported position: Associate Professor, 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: Sympathetic innervation of guinea-pig uterus.
Last reported position: Professor of Ophthalmology and Visual Sciences, Kentucky Lions Eye Research Institute, Louisville, Kentucky

Class of 1974, Edward **Laski**, M.D./Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: A study of the phenomenon of desensitization to cholinomimetic drugs in the isolated left atrium of the guinea-pig.
Last reported position: Clinical Assistant Professor, Kings County Hospital Center, Brooklyn, NY

Class of 1974, Lawrence A. **Minkoff**, Ph.D., Biophysics, Thesis Sponsor(s): Damadian, Raymond

Thesis: Isolation of a condensing protein system for selectivity in biological ion exchange resins.

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: A comparative study of brainstem afferents from the spinal cord in three genera of side-necked turtle : (podocnemis unifilis, pelusios subniger, pelomedusa subrufa).

Last reported position: n/aHamilton Medical Center, Dalton, GA

Class of 1974, John J. **Picarelli**, Ph.D., Physiology, Thesis Sponsor(s): Levy, Harold A.

Thesis: Effect of lithium and calcium on thyroidal iodokinetics.

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: A study of the germ line in the Japanese killifish, oryzias latipes : primordial germ cell numbers in embryos of four known sex chromosomal genotypes (XX, XY, YX, and YY).

Last reported position: Professor and Chairman, University of Arkansas Medical School, Little Rock, AR

Class of 1973, Kenneth R. **Kellner**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Hamilton, James B.

Thesis: Development and survival of sex chromosomal genotypes : studies of embryonic killifish (Oryzias latipes) under normal conditions and under environmental stress.

Last reported position: Retired - Professor of Maternal-Fetal Medicine, University of Florida College of Medicine, Gainesville, FL

Class of 1973, Daniel J. **Krellenstein**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario

Thesis: On the mechanism of overdrive suppression of idioventricular pacemakers.

Last reported position: n/a

Class of 1973, Robert John **Lee**, Ph.D., Physiology,

Thesis: Ventricular function in the isovolumic canine left ventricle.

Last reported position: Director of Cardiology, Dupont Pharmaceuticals, Wilmington, DE

Class of 1973, Gerald N. **Levy**, Ph.D., Biochemistry, Thesis Sponsor(s): Kuchinskas, Edward J.

Thesis: Binding sites for benzyl penicillin and ampicillin in escherichia coli.

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: Granuloma formation and its modification by Dactinomycin : a quantitative study.

Last reported position: n/aPortsmouth 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: Characterization of memory cells : detection and modification of memory cells capable of adoptively transferring secondary type eosinophil and antitoxin responses to tetanus toxoid.

Last reported position: Professor, UMDNJ - New Jersey Medical School, Newark, NJ

Class of 1973, Odd Sveinung **Steinsland**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: A study on the effects of cholinomimetic agents on adrenergic neurotransmitter release.

Last reported position: Professor, 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, 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, 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, St. Vincent's Medical Center, Bridgeport, CT

Class of 1972, Oliver J. **David**, D.M.Sc., Research Training in Psychology and Clinical Behavior, Thesis Sponsor(s): Witkin, H.

Thesis: Lead and hyperactivity.

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

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: n/aWashington State Department of Health Medical Center, Seattle, WA

Class of 1972, Carl **Hirsch**, Ph.D., Physiology, Thesis Sponsor(s): Kavalier, Frederick

Thesis: Effects of magnesium on contraction and action potential in frog ventricular muscle.

Last reported position: n/a

Class of 1972, Ronald **Kartzinel**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ford, Donald

Thesis: The accumulation of 3H DL-lysine in the rat brain : the effect of age, sex, and neonatal castration.

Last reported position: n/aDupont Pharmaceuticals, Wilmington, DE

Class of 1972, Matthew **Pincus**, Ph.D., Biochemistry, Thesis Sponsor(s): Carty, Robert P.

Thesis: Affinity labelling of the active site of bovine pancreatic ribonuclease A : a study of substrate orientation factors.

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

Class of 1972, Philip **Posner**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario

Thesis: The inhibitory action of norepinephrine on potassium transport in cardiac Purkinje fibers.

Last reported position: Professor, University of Florida College of Medicine, Gainesville, FL

Class of 1972, Ralph **Rossi**, Ph.D., Biochemistry, Thesis Sponsor(s): Lerner, Leon

Thesis: Preparation and biochemical properties of alcohols derived from nucleosides.

Last reported position: Director of Clinical Chemistry, Brooklyn VA Hospital, Brooklyn, NY

Class of 1972, Olive Mary **Soriero**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Ford, Donald H.

Thesis: The Effect of Age and Sex on the Composition of Different Regions in the Neonatal Rat Brain.

Last reported position: n/aPrivate Practice, Indianapolis, IN

Class of 1972, John J. **Weisse**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): MacKay, Murray

Thesis: A study of the relationship of the number of background cells to the height of the primary plaque-forming-cell response in the mouse spleen.

Last reported position: Associate Professor, 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, NORTReC, Medicinal Toxicology Research Center & NORTReC, 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, 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 IBLS 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: Studies on the persistent estrus syndrome in rats as induced by constant light or neonatal treatment with testosterone propionate.
Last reported position: Associate Professor Emeritus, 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: Endocrinologist, 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, 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, SUNY College of Optometry, New York, NY

Class of 1970, Doo Hee **Kang**, Ph.D., Pharmacology, Thesis Sponsor(s): Lee, Kwang-Soo
Thesis: Studies on isolation and calcium binding characteristics of membrane fragments from the rabbit heart.
Last reported position: Emeritus Professor of Physiology, Yonsei University College of Medicine, CPO Box 8044, Seoul, Korea

Class of 1970, Charles **Neville**, D.M.Sc., Research Training in Psychology and Clinical Behavior,
Thesis: A study of the psychological impact of distorted visual feedback from the hand.
Last reported position: n/a

Class of 1969, Jan Marc **Orenstein**, M.D./Ph.D., Pathology, Thesis Sponsor(s): Marsh, Walter H.
Thesis: Metabolism of ethionine and methionine in the rat liver : a comparison of the incorporation of ethionine and methionine into nuclear protein and the ethylation and methylation of nuclear proteins and RNA in vivo and in vitro.
Last reported position: Associate Director, George Washington University Medical Center, Washington, DC

Class of 1969, Philip Iniziato **Polimeni**, Ph.D., Physiology, Thesis Sponsor(s): Vassalle, Mario
Thesis: Transmembrane potassium fluxes in isolated cardiac tissue.
Last reported position: Associate Professor of Pharmacology, Retired, University of Manitoba, Winnipeg, Manitoba, Canada

Class of 1969, Walter Edwin **Tolles**, Ph.D., Physiology,
Thesis: Correlation of morphological and sedimentation characteristics of epithelial cells exfoliated from the human uterine cervix.
Last reported position: n/a

Class of 1969, Robert S. **Zeiger**, M.D./Ph.D., Anatomy and Cell Biology, Thesis Sponsor(s): Spiers, Robert S.
Thesis: A metabolic and cytologic study of the role of nucleic acids in immune responses in mice.
Last reported position: Division Chief, 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: n/aSmith, 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: Electrophysiological actions of oxytocic drugs.
Last reported position: Professor, New York Medical College, Valhalla, NY

Class of 1968, John F. **Mullane**, Ph.D., Physiology, Thesis Sponsor(s): Kao, Chien-Yuan
Thesis: Renal vein constriction : renal function during oliguria, hormone infusion and volume expansion.
Last reported position: n/a

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, 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
Last reported position: Research Professor and Professor Emeritus, New York University Grossman School of Medicine, New York, NY

Class of 1968, Carl H. **Schellenberger**, Ph.D., Physiology, Thesis Sponsor(s): Levy, Harold A.
Thesis: Fat mobilizing effects of adrenal corticosteroids in normal and alloxan-diabetic rats.
Last reported position: n/a

Class of 1968, Lloyd **Townsend**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert
Thesis: Correlation of morphological and sedimentation characteristics of epithelial cells exfoliated from the human uterine cervix.
Last reported position: n/a

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: n/aAllergy and Clinical Immunology Medical Group, Santa Monica, CA

Class of 1967, Bert **Spilker**, Ph.D., Pharmacology, Thesis Sponsor(s): Furchgott, Robert

Thesis: A study of electrical membrane activity and frequency-force relations in normal, denervated and reserpine-pretreated cat heart muscle.

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: A study of the distribution and control of the osmosensitive neurons in the anterior hypothalamus of the opossum (*Didelphis Virginiana*).

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: Studies on the site of action of the anti-androgen cyproterone acetate and on the range of androgenic compounds against which this anti-androgen is effective.

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, 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: n/aPrivate 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, Boehringer Ingelheim Italia, Milan, Italy

Class of 1966, Martin **Morad**, Ph.D., Physiology, Thesis Sponsor(s): Kavalier, Frederick

Thesis: Excitation-contraction coupling as a possible site for the inotropic action of epinephrine in cardiac muscle.

Last reported position: Chairman, Physiology and Biophysics, Georgetown University, Washington, DC

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: Retired, Professor and Chair, 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, 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, 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, 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: Retired Professor, 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: Retired Professor, SUNY Downstate Medical Center, Brooklyn, NY

Class of 1963, Stewart Joel **Ehrlich**, 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, Ehrlich 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, 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, 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, Leo **Kesner**, Ph.D., Biochemistry, Thesis Sponsor(s): Muntwyler, Edward
Thesis: The excretion of non-nitrogenous organic acids in the urine.
Last reported position: Professor Emeritus, SUNY Downstate Medical Center, Brooklyn, 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, 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, Touro College, Dix Hills, NY

Class of 1959, Roger Lawrence **Spark**, M.S., Anatomy and Cell Biology, Thesis Sponsor(s): Murray, Irwin M.

Thesis: Studies of the distribution, localization and clearance of radioactive colloidal gold in experimental alloxan diabetes in the female Albino rat.

Last reported position: Fellow, 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,

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