

Mayo Clinic M.D.-Ph.D. Program Current Students *

Junior MD Phase (M1/M2)



Sara Foote, B.S.
University of Notre Dame
Research Interests:
Cancer immunotherapy,
Cell engineering



Douglas Kellar, B.S.
University of Georgia
Research Interests:
Neurotechnology,
brain-computer interfaces



Marli Knox, B.S.
Florida Atlantic University
Research Interests:
Neurobiology, cognition,
neurological surgery



Eugene Liang, B.A.
University of California, Berkeley
Research Interests:
Neurodegeneration, neural
circuits, system crosstalk



Yuri Lin, B.S.
University of California, Los Angeles
Research Interests:
Immunotherapies, CVD,
microbiology, cancer biology



Kate Martinez, B.S.
Loyola University
Research Interests:
Genetics, cardiology, athletes,
sudden death



Taylor McDonald, B.A.
Vanderbilt University
Research Interests:
Neuro-oncology, brain tumor
immunotherapy



Arjun Nair, B.A.
Washington University, St. Louis
Research Interests:
Regenerative sciences,
brain tumors



Nathaniel O, B.S.
Saint Josephs University
Research Interests:
Radiation therapy, imaging,
novel therapeutics



Gillian Pereira, B.S., B.A., M.S.
University of Washington
Research Interests:
Tissue engineering, biomaterials,
bioprinting, medical devices



Makena Rodriguez, B.S.
California Institute of Technology
Research Interests:
Cancer immunology, spatial
biology, computational biology



Elijah Tan, B.S.
University of Notre Dame
Research Interests:
Neuroimmunology, cancer biology



Lauren Teubner, B.S.
University of Southern California
Research Interests:
Musculoskeletal regeneration



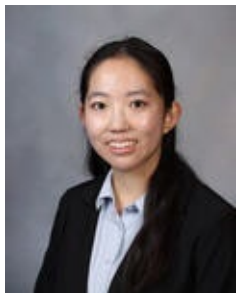
Jayden Vanterpool, B.S.
Oakwood University
Research Interests:
Neuroscience, regenerative
sciences



Jasmine Wallace, B.S.
Oakwood University
Research Interests:
Heart failure, preeclampsia



Journey Wise, B.S.
Cornell University
Research Interests:
Metabolism, Cell signaling



Clara Wong, B.S.

University of California, San Diego

Research Interests:

Cancer drug resistance, mechanisms of action of cancer therapies, cancer therapeutic development



Melody Wu, B.S.

Massachusetts Inst of Technology

Research Interests:

Immunology, immunotherapy, clinical trials, T cells & TCR prediction, single-cell omics



Jared Zheng, B.S., M.Eng.

Massachusetts Inst of Technology

Research Interests:

Computational biology, deep learning

Research Phase (G)



Oluwafunto Akindona, B.A.

Carleton College

TBD

Research Interests:

Substance use disorders, psychosis, trauma disorders



Drake Alton, B.S.

Weber State University

Biochemistry & Molecular Biology

Research Interests:

Aging, glioma



Dallin Ashton, B.S.

Brigham Young University

Immunology

Dr. Haidong Dong

Research Interest:

T cell cytotoxicity in the tumor microenvironment



Maria Astudillo Potes, B.S.

Baylor University

Regenerative Sciences

Dr. Lichun Lu, Advisor

Research Interests:

Biomaterials and biomechanics



Angad Beniwal, B.S.
 University of California, Los Angeles
Immunology
 Dr. Nhan Tran, Advisor
 Dr. Borges Da Silva, Co-Advisor
 Research Interests:
 Immunotherapy for high
 Grade gliomas



Sunny Bobori, B.S.
 Illinois College
Regenerative Sciences
 Dr. Esther Lutgens, Advisor
 Research Interests:
 Developing novel therapies that
 target chronic inflammation in
 atherosclerosis



Likem Boney, B.A.
 Vanderbilt University
TBD
 Research Interests:
 Immunology, regenerative
 sciences



Samantha Bouchal
 Arizona State University
**Molecular Pharmacology &
 Experimental Therapeutics**
 Dr. Kaufmann / Dr. Fryer, Advisors
 Research Interests:
 Neurobiology, neuroinflammation,
 cancer



Sachi Chaudhari, B.S.
 The Ohio State University
Immunology
 Dr. Esther Lutgens, Advisor
 Research Interests:
 Immunology, atherosclerosis



Victor Collins, B.S.
 University of Akron
 Research Interests:
 Tissue engineering, 3D bioprinting,
 medical devices



Pedro Del Cioppo Vasques, B.S.
 University of Chicago
Biochemistry & Molecular Biology
 Dr. Darren Baker, Advisor
 Research Interests:
 Neurodegeneration, glial cells



Caroline Doherty, B.S.
 Georgetown University
**Molecular Pharmacology &
 Experimental Therapeutics**
 Dr. L. James, III, Advisor
 Research Interests:
 Experimental therapeutics,
 pediatric oncology



Mihai Dumbrava, B.M.S.
University of Western Ontario
Regenerative Sciences
Dr. Alexandre Maia
Research Interests:
Cancer Biology, immunotherapy,
regenerative medicine



Ejlal Elalaoui, B.S.
Johns Hopkins University
Clinical & Translational Science
Dr. Sarosh Irani, Advisor
Research Interests:
Epigenetics, molecular biology



J. Pedro F. Safi, B.S., M.S.
Carnegie Mellon University
Clinical & Translational Science
Dr. Rory Smoot, Advisor
Research Interests:
Cell and gene therapy,
regenerative medicine



Matthew Flick, B.A.
University of California, Berkeley
Neuroscience
Dr. Leland Hu, Advisor
Dr. Nhan Tran, Co-Advisor
Research Interests:
Neuro-oncology, neuroradiology



Elijah Garcia, B.S.
University of California,
San Diego
Immunology
Dr. Robin Patel, Advisor
Research Interests:
Host-microbe interaction in
periprosthetic joint infections



Sophia Goldberg, B.A.
Princeton University
Immunology
Dr. Saad Kenderian, Advisor
Research Interests:
Neuroimmunology, autoimmune
disease, immunotherapies



Caleb Grenko, B.S.
Davidson College
**Molecular Pharmacology &
Experimental Therapeutics**
Dr. Aadel Chaudhuri, Advisor
Research Interests:
Genetics/genomics, statistics,
computational biology, machine
learning



Yooree Ha, B.S.
Harvard University
Neuroscience
Dr. Marissa Schafer, Advisor
Research Interests:
Spatial transcriptomic and proteomic
profiling of brain cell senescence in
human aging



Enmar Harfoush, B.A.
Rutgers University
Molecular Pharmacology & Experimental Therapeutics
Dr. Aadel Chaudhuri, Advisor
Research Interest:
Liquid biopsy, glioma biology



Robin Heider, B.S.
Johns Hopkins University
Clinical & Translational Science
Research Interests:
Behavioral genetics, molecular psychiatry, endocannabinoid biology



Axel Hidalgo, B.S., M.S., M.S.
University of Southern California
Molecular Pharmacology & Experimental Therapeutics
Dr. Aadel Chaudhuri, Advisor
Research Interests:
Cell-free multi-omics, translational oncology, ML



Elliana Huffman, B.S., M.S.
Drake Univ/ Iowa State Univ
Molecular Pharmacology & Experimental Therapeutics
Dr. Michael Ackerman, Advisor
Research Interests:
Biochemistry and molecular biology, genetic cardiology



Trung Huynh, B.S.
University of Alabama at Birmingham
Molecular Pharmacology & Experimental Therapeutics
Dr. Michael Ackerman, Advisor
Research Interests:
Regenerative sciences, stem cells



Lucien Jay, B.A.
College of Charleston
Regenerative Sciences
Dr. Leigh Griffiths, Advisor



Kevin Le, B.S.
University of Texas, Austin
Biochemistry & Molecular Biology
Dr. Cornelia Weyand, Advisor
Research Interests:
Human immunology, vascular inflammation, atherosclerosis, macrophage biology



Olivia Liseth, B.S.
University of Florida
Immunology
Dr. Richard Vile, Advisor
Research Interests:
Immunology, immunotherapies, biomedical engineering



Jordan Marks, B.S.
Northeastern University
Neuroscience
Dr. Leonard Petrucelli, Advisor
Research Interests:
Neurodegenerative disease
pathogenesis, gene therapy



Malavika Nair, B.S.
University of Florida
Neuroscience
Dr. Isobel Scarisbrick, Advisor
Research Interests:
Neuroscience and
regenerative medicine



David Nascari, B.A.
University of Pittsburgh
Biochemistry & Molecular Biology
Dr. Nhan Tran, Advisor
Dr. John Fryer, Co-Advisor
Research Interests:
Regenerative medicine, extracellular
matrix biomaterials, tumor
microenvironment



Kianna Nguyen, B.S.
University of Colorado-Boulder
Regenerative Sciences
Dr. Alexander Revzin, Advisor
Research Interests:
Engineering biomaterial platforms
for regenerative medicine



Praveen Pallegar, B.S.
Stanford University
Neuroscience
Dr. Gregory Worrell, Advisor
Dr. Long-Jun Wu, Co-Advisor
Research Interests:
Glia, neurodegeneration



Lindsey Randall, B.S.
University of Oklahoma
Clinical & Translational Science
Dr. Victor Montori, Advisor
Research Interests:
Autoimmune diseases,
pathology



Juan Rojas Cabrera, B.S.
Winona State University
Clinical & Translational Science
Dr. Kendall Lee, Advisor
Research Interests:
Neuromodulation, movement
disorders, neuropsychiatric
conditions



Peter Rosen, B.S.
Brigham Young University
Biochemistry & Molecular Biology
Dr. Aadel Chaudhuri, Advisor
Dr. Jacob Orme, Co-Advisor
Research Interests:
Neuroblastoma, circular RNA



Samantha Shao, B.A.

Harvard University

TBD

Research Interests:

Mood disorders, substance abuse disorder, chronic pain, synaptic plasticity



Jennifer Shin, B.A.

Yale University

Clinical & Translational Science

Dr. Kendall Lee, Advisor

Research Interests:

Optimization of functional neurosurgery; Neurophysiology of addiction, depression, OCD



Vanessa Stubbs, B.S.

Florida Atlantic University

Clinical & Translational Science

Dr. Esther Lutgens, Advisor

Research Interests:

Immunology, gene therapy



Caitlin VanLith, B.S.

St. Olaf College

Clinical & Translational Science

Dr. Lewis Roberts, Advisor

Research Interests:

Genetic epidemiology, public and global health



John Vu, B.S.

The Ohio State University

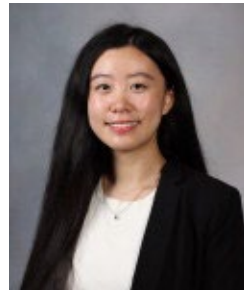
Clinical & Translational Science

Dr. Andrew Haak, Advisor

Dr. D. Tschumperlin, Co-Advisor

Research Interests:

Lung development, alveolar organoids, congenital pulmonary disorders



Jessica Weng, B.S.

Rice University

Clinical & Translational Science

Dr. Sylvie Girard, Advisor

Research Interests:

Reproductive immunology, Women's health, cancer



Taylor Witter, B.S.

California Polytechnic State Univ

Molecular Pharmacology & Experimental Therapeutics

Dr. Michael Ackerman, Advisor

Research Interests:

Immunology, cancer biology



Sherry Zhou, B.S.

Massachusetts Institute Technology

Biochemistry & Molecular Biology

Dr. L. James Maher, III, Advisor

Research Interests:

Endocrine tumors, biochemistry and chemical biology, oncogenesis, cancer metabolism

Senior MD Phase (M3/M4)



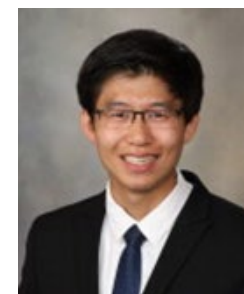
Jacob Anderson, B.S.
University of Minnesota-Rochester
Molecular Pharmacology & Experimental Therapeutics
Dr. David Daniels, Advisor
Research Interest:
Development of novel chemical tools for study and treatment of primary CNS neoplasms



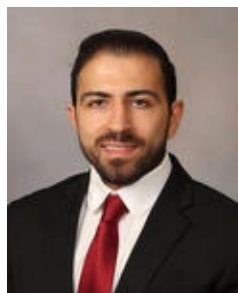
Sahej Bains, B.S.
Purdue University
Molecular Pharmacology & Experimental Therapeutics
Dr. Michael Ackerman, Advisor
Research Interest:
Suppression-replacement *KCNH2* gene therapy for type 2 Long QT Syndrome



Shreya Bellampalli, B.S.
University of Arizona
Neuroscience
Dr. Arthur Beyder, Advisor
Research Interests:
Neuronal signaling and ion channel physiology



Justin Choe, B.S.
University of California-Berkeley
Immunology
Dr. Virginia Shapiro, Advisor
Research Interest:
Immunomodulatory approaches for autoimmunity



Armin Garmany, B.S.
Marshall University
Regenerative Sciences
Dr. Andre Terzic, Advisor
Research Interest:
Optimizing regenerative biotherapies for cardiovascular disease



Ramin Garmany, B.S.
Marshall University
Molecular Pharmacology & Experimental Therapeutics
Dr. Michael Ackerman, Advisor
Research Interest:
Leveraging -omic technologies to identify novel therapeutic targets for hypertrophic cardiomyopathy



Abhinav Goyal, B.S. (Hon)
Columbia University
Biomedical Engineering & Physiology
Dr. Kendall Lee, Advisor
Research Interests:
Electrochemistry, artificial intelligence, computational neuroscience



Harvey Huang, B.A.S.
University of Pennsylvania
Clinical & Translational Science
Dr. Dora Hermes, Advisor
Research Interests:
Vision science, epilepsy, intracranial EEG, neurostimulation, computational neuroscience, machine learning



Michael Jensen, B.S.
Oregon State University
Neuroscience
Dr. Kai Miller, Advisor
Research Interests:
Brain-computer interface; using
depth electrodes to understand
functional interconnectivity of
distributed motor networks



Jake Kloeber, B.S.
University of Rochester
**Molecular Pharmacology &
Experimental Therapeutics**
Dr. Zhenkun Lou, Advisor
Research Interests:
Genomic instability, chromosome
segregation, and DNA repair



Kit (Catherine) Knier, B.S.
Marquette University
Clinical & Translational Science
Dr. Anthony Windebank, Advisor
Research Interest:
Promoting children's social
and emotional health in the
community



Stella Ma, B.S.
University of Wisconsin, Madison
TBD
Research Interests:
Immunopathology



Arnaldo Mercado-Perez, B.S.
Johns Hopkins University
Biomedical Engineering &
Physiology
Dr. Arthur Beyder, Advisor
Research Interest:
Linking Piezo2 to Actomyosin in
GI Epithelial Mechanoreceptors



Asfia Numani Goldberg, B.S.
Arizona State University
Immunology
Dr. Saranya Wyles, Advisor
Research Interest:
Immunology



Cecile Riviere-Cazaux, B.S.
University of California, Los Angeles
**Molecular Pharmacology &
Experimental Therapeutics**
Dr. Terence Burns, Advisor
Research Interests:
Neuro-oncology experimental
therapeutics, clinical trial
development



Victoria Stevens, B.S.
Yale University
TBD
Research Interests:
Computationally-based research



Taylor Trentadue, B.S.
Duke University
**Biomedical Engineering &
Physiology**
Dr. Kristin Zhao, Advisor
Research Interests:
Orthopedic biomechanics
and musculoskeletal imaging



Grace Yu, B.S.
McGill University
Clinical & Translational Science
Dr. Saranya Wyles, Advisor
Dr. James Kirkland, Co-Advisor
Research Interests:
Computational biology, genetics,
aging/ regeneration, dermatology

*Student participation is voluntary