### 2022-23 MSTP Students by Year in Program

#### M1
- Anuoluwapo Ajao
- Emily Blaum
- Salvatore Caradonna
- Andy Chen
- Laura Chen
- Alexander Crane
- Alexander Foden
- Benjamin Hauk
- Kayla Klatt
- Victor Pastrana-Gomez
- Iris Peng
- Javier Urcuyo Acevedo
- David Yan

#### G1 (continued)
- Douglas Wu
- Ying Xiong
- Walter Zhao

#### G2
- Alicia Aguilar
- Sarah Barker
- Bijoya Basu
- Razaq Durodoye
- Daniel Feinberg
- Natalie Hong
- Natasha Ingles
- Eshan King
- Emily Klemm
- Katherine Letai
- Kevin Newhall
- Joseph Schindler
- Sabrina Wang
- Jesse Zhan

#### M2
- Olubukola Abiona
- Corynn Appolonia
- Henock Befekadu
- Indrani Das
- Claire Fritz
- Jacob Inger
- Sameeha Jilani
- Hans Leier
- Christina MacAskill
- Marc Scemama de Gialluly
- Brendan Sheehan
- Paulameena Shultes
- Prerna Singh
- Jeehyun Karen You
- Hannah Zamore

#### G1
- Diana Chin
- Sofia Corella
- Himanshu Dashora
- Paul Karell
- Rupleen Kaur
- Thomas Lavin
- Benjamin Mittman
- Michelle Pan
- Kyle Starost
- Stephen Wang

#### G3
- Lucie Ahn
- Melissa Bonner
- Brendan Boylan
- Yi Fan Chen
- Zachary Grimmett
- Emily Hannon
- Brian Kim
- Erik Koritzinsky
- Alexander Lesser
- Angela Liu
- Meghan O'Keefe
- Vanessa Salazar
- Josephine Trichka
- Davis Weaver
- William Wulftange

#### G4+
- Muta Abiff
- James Ahad
- Syrena Bracey
- Erin Cohn
- Michaela Cooley

#### G4+ (continued)
- Michelle Cruz
- Marc Ferrell
- Anniya Gu
- Raza Haider
- Ellen Hong
- Dan Jindal
- Hannah Kondolf
- Emma Kundracik
- George Luo
- Jennings Luu
- Morgan McGrath
- Katrina Piemonte
- Joel Sax
- Preethy Sridharan
- Nicholas Venetos
- Derek Wong
- Soon Yeul Yi

#### M3
- Brendan Barton
- Adrian Gomez-Nguyen
- Adam Lauko
- William Miller-Little
- Jessica Scarborough
- Sydney Song
- Aaron Talsma
- Alicia Vagnozzi
- Sarah Venus
- Xinrui Zhang

#### M4
- Kevin Allan
- Elliot Choi
- Liyan Fan
- Michael McHenry
- Otis Pinkard
- Kathleen Plona
- Peter Qiao
- Avery Sears
- Susie Suh
- David Sweet
- Bryan Webb
- Bowen Zhou
Anuoluwapo Ajao

MSTP Year: M1
Email: axa1581@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of Massachusetts – Boston

Emily Blaum

MSTP Year: M1
Email: emb190@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Boston University of Maryland
Salvatore Caradonna
MSTP Year: M1
Email: sgc48@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: The Ohio State University

Andy Chen
MSTP Year: M1
Email: axc1267@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Emory University
Laura Chen
MSTP Year: M1
Email: lxc732@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Massachusetts Institute of Technology

Alexander Crane
MSTP Year: M1
Email: ajc406@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of Pennsylvania
Alexander Foden
MSTP Year: M1
Email: ajf176@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of California – Irvine

Benjamin Hauk
MSTP Year: M1
Email: bxl462@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: College of William & Mary
Kayla Klatt
MSTP Year: M1
Email: krk110@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Johns Hopkins University

Victor Pastrana-Gomez
MSTP Year: M1
Email: vmp46@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of Illinois at Urbana-Champaign
Iris Peng
MSTP Year: M1
Email: ixp94@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Brown University

Javier Urcuyo Acevedo
MSTP Year: M1
Email: jcu7@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Arizona State University
David Yan
MSTP Year: M1
Email: dfy3@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Case Western Reserve University

Olubukola Abiona
MSTP Year: M2
Email: oma11@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of Maryland – Baltimore County
Corynn Appolonia
MSTP Year: M2
Email: cna24@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of Pittsburgh

Henock Befekadu
MSTP Year: M2
Email: hbb34@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Carleton College
Indrani Das

MSTP Year: M2
Email: ixd63@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Harvard University

Claire Fritz

MSTP Year: M2
Email: cef78@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Case Western Reserve University
Jacob Ingber

MSTP Year: M2
Email: jji20@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Washington and Lee University

Sameeha Jilani

MSTP Year: M2
Email: sxj671@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of Washington
Hans Leier
MSTP Year: M2
Email: hcl25@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Reed College

Christina MacAskill
MSTP Year: M2
Email: cj191@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Case Western Reserve University
Marc Scemama de Gialluly

MSTP Year: M2
Email: mas608@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: University of Richmond

Brendan Sheehan

MSTP Year: M2
Email: bks60@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Oberlin College
Paulameena Shultes

MSTP Year: M2  
Email: pvs13@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of California - Berkeley

Prerna Singh

MSTP Year: M2  
Email: pxs524@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Johns Hopkins University
Jeehyun Karen You

MSTP Year: M2
Email: jxy953@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: SUNY Stony Brook

Hannah Zamore

MSTP Year: M2
Email: hhz24@case.edu
Mentor: Undecided
PhD Program: Undecided
Research Topic: Undecided
Undergrad: Bryn Mawr College
Diana Chin
MSTP Year: G1
Email: dhc64@case.edu
Mentor: Berkley Gryder
PhD Program: Genetics & Genome Sciences
Research Topic: Undecided
Undergrad: Princeton University

Sofia Corella
MSTP Year: G1
Email: sgc65@case.edu
Mentor: Andrew Pieper
PhD Program: Pathology/Molecular & Cellular Basis of Disease
Research Topic: Undecided
Undergrad: University of North Carolina – Chapel Hill
Himanshu Dashora
MSTP Year: G1
Email: hrd14@case.edu
Mentor: Jennifer Yu
PhD Program: Cancer Biology
Research Topic: Undecided
Undergrad: Johns Hopkins University

Paul Karell
MSTP Year: G1
Email: pek35@case.edu
Mentor: Thaddeus Stappenbeck
PhD Program: Immunology
Research Topic: Undecided
Undergrad: University of Pittsburgh
Rupleen Kaur

MSTP Year: G1
Email: rxk614@case.edu
Mentor: Ruth Keri
PhD Program: Systems Biology & Bioinformatics
Research Topic: Undecided
Undergrad: University of California – Davis

Thomas Lavin

MSTP Year: G1
Email: tkl19@case.edu
Mentor: John Tilton
PhD Program: Pathology/Molecular & Cellular Basis of Disease
Research Topic: Undecided
Undergrad: University of Maine
Benjamin Mittman

MSTP Year: G1
Email: bgm37@case.edu
Mentor: Michael Rothberg
PhD Program: Clinical Translational Science
Research Topic: Undecided
Undergrad: Hamilton College

Michelle Pan

MSTP Year: G1
Email: mjp238@case.edu
Mentor: Derek Abbott
PhD Program: Immunology
Research Topic: Undecided
Undergrad: Franklin & Marshall College
Kyle Starost
MSTP Year: G1
Email: kas265@case.edu
Mentor: Seth Field
PhD Program: Cancer Biology
Research Topic: Undecided
Undergrad: Case Western Reserve University

Stephen Wang
MSTP Year: G1
Email: slw105@case.edu
Mentor: Peter Scacheri
PhD Program: Genetics & Genome Sciences
Research Topic: Undecided
Undergrad: Yale University
Douglas Wu

MSTP Year: G1
Email: dhw45@case.edu
Mentor: Samuel Senyo
PhD Program: Biomedical Engineering
Research Topic: Undecided
Undergrad: University of Michigan

Ying Xiong

MSTP Year: G1
Email: yxx685@case.edu
Mentor: Paul Tesar
PhD Program: Genetics & Genome Sciences
Research Topic: Undecided
Undergrad: University of Pennsylvania
Walter Zhao
MSTP Year: G1
Email: wxz485@case.edu
Mentor: Dan Ma
PhD Program: Biomedical Engineering
Research Topic: Undecided
Undergrad: Johns Hopkins University

Alicia Aguilar
MSTP Year: G2
Email: axa1059@case.edu
Mentor: Alex Huang
PhD Program: Pathology/Immunology
Research Topic: The effects of Piezo1 calcium flux on T cell activation, differentiation, and memory cell development
Undergrad: Oklahoma State University
Sarah Barker

MSTP Year: G2
Email: sxb878@case.edu
Mentor: Andrew Pieper
PhD Program: Pathology/Molecular and Cellular Basis of Disease
Research Topic: The role of tau acetylation in the increased risk for Alzheimer's disease after traumatic brain injury
Undergrad: Colorado College

Bijoya Basu

MSTP Year: G2
Email: bxb424@case.edu
Mentor: Atul Chopra
PhD Program: Genetics & Genome Sciences
Research Topic: The role of asprosin in anxiety-like behavior
Undergrad: Washington University in St. Louis
Razaq Durodoye
MSTP Year: G2
Email: rod10@case.edu
Mentor: Scott Williams
PhD Program: Epidemiology & Biostatistics
Research Topic: Evaluating ApoE risk variant effect modification due to global and local ancestry in Non-Hispanic African American, Hispanic, and Non-Hispanic White populations in the United States
Undergrad: The University of Texas at Dallas

Daniel Feinberg
MSTP Year: G2
Email: daf93@case.edu
Mentor: Reshmi Parameswaran
PhD Program: Pathology/Immunology
Research Topic: Understanding factors regulating NK cell cytotoxicity and improving NK cell adoptive therapy
Undergrad: Washington University in St. Louis
Natalie Hong

MSTP Year: G2
Email: neh47@case.edu
Mentor: Andrei Maiseyeu
PhD Program: Biomedical Engineering
Research Topic: Investigating the use of itaconate for the following: 1) to reduce cholesterol absorption from the gastrointestinal tract, and 2) to modulate inflammation in the setting of multiple sclerosis
Undergrad: Carnegie Mellon University

Natasha Ingles

MSTP Year: G2
Email: nxi53@case.edu
Mentor: Ruth Keri
PhD Program: Pathology/Cancer Biology
Research Topic: Elucidating the role of YES1 in taxane-resistant triple negative breast cancer
Undergrad: University of Puerto Rico – Mayaguez
Eshan King

MSTP Year: G2
Email: esk81@case.edu
Mentor: Jacob Scott
PhD Program: Systems Biology & Bioinformatics
Research Topic: A novel computational model for predicting drug resistance
Undergrad: Washington University in St. Louis

Emily Klemm

MSTP Year: G2
Email: emk147@case.edu
Mentor: Sudha Chakrapani
PhD Program: Physiology & Biophysics
Research Topic: Understanding the structural mechanisms of glycine receptors expressed during neurodevelopment
Undergrad: University of Michigan
Katherine Letai

MSTP Year: G2
Email: kcl68@case.edu
Mentor: Peter Scacheri
PhD Program: Genetics & Genome Sciences
Research Topic: Enteric glial cells drive colorectal cancer progression via epigenomic changes
Undergrad: Princeton University

Kevin Newhall

MSTP Year: G2
Email: kpn11@case.edu
Mentor: Thaddeus Stappenbeck
PhD Program: Pathology/Immunology
Research Topic: Innate immune mechanisms that facilitate Debargomyces hansenii persistence
Undergrad: Vassar College
Joseph Schindler

MSTP Year: G2
Email: jcs186@case.edu
Mentor: Jonathan Stamler
PhD Program: Biochemistry
Research Topic: Regulation of alternative splicing via S-nitrosylation
Undergrad: Middlebury College

Sabrina Wang

MSTP Year: G2
Email: szw7@case.edu
Mentor: Justin Lathia
PhD Program: Pathology/Cancer Biology
Research Topic: Identifying the function of lipocalin 2 in glioblastoma
Undergrad: Johns Hopkins University
Jesse Zhan

MSTP Year: G2
Email: jjz46@case.edu
Mentor: Paul Tesar
PhD Program: Genetics & Genome Sciences
Research Topic: Investigating the circadian aspect of oligodendroglia biology
Undergrad: Johns Hopkins University

Lucie Ahn

MSTP Year: G3
Email: yxa133@case.edu
Mentor: Ashleigh Schaffer
PhD Program: Genetics & Genome Sciences
Research Topic: Mapping IER3IP1 epistasis to understand its function and MEDS pathogenesis
Undergrad: Duke University
Melissa Bonner
MSTP Year: G3
Email: mrb194@case.edu
Mentor: Alex Huang
PhD Program: Pathology/Cancer Biology
Research Topic: PIEZO1’s impact on the phenotype and effector functioning of tumor-associated myeloid cells
Undergrad: University of Southern California

Brendan Boylan
MSTP Year: G3
Email: btb47@case.edu
Mentor: Cornelia Bergmann
PhD Program: Neurosciences
Research Topic: B cell and stromal cell interactions in the CNS
Undergrad: University of Wisconsin – Madison
Yi Fan Chen
MSTP Year: G3
Email: yxc1272@case.edu
Mentor: Drew Adams
PhD Program: Genetics & Genome Sciences
Research Topic: Activity-based protein profiling identifies new drug targets and mechanisms in inflammatory diseases
Undergrad: Cornell University

Zachary Grimmett
MSTP Year: G3
Email: zxg198@case.edu
Mentor: Jonathan Stamler
PhD Program: Pathology/Immunology
Research Topic: S-nitrosylation in regulation of signaling through beta-adrenergic receptors and impact on cardiovascular function
Undergrad: University of California – Berkeley
Emily Hannon
MSTP Year: G3
Email: erh90@case.edu
Mentor: James Kazura
PhD Program: Epidemiology & Biostatistics
Research Topic: Epigenetics during acute malaria infection
Undergrad: University of Colorado at Boulder

Brian Kim
MSTP Year: G3
Email: bxk342@case.edu
Mentor: Atul Chopra
PhD Program: Genetics & Genome Sciences
Research Topic: Investigating TGF-B1 signaling and asprosin transcription of adipose tissue in obesity
Undergrad: University of Pennsylvania
Erik Koritzinsky

MSTP Year: G3
Email: ehk44@case.edu
Mentor: Robert Fairchild
PhD Program: Pathology/Immunology
Research Topic: TLR9 and type I interferons in allograft ischemia reperfusion injury
Undergrad: Cornell University

Alexander Lesser

MSTP Year: G3
Email: afl36@case.edu
Mentor: Mukesh Jain
PhD Program: Pathology/Molecular and Cellular Basis of Disease
Research Topic: The role of brown adipose tissue KLF15 in coordinating nutrient switching in the face of different metabolic demands
Undergrad: Cornell University
Angela Liu

MSTP Year: G3
Email: ard91@case.edu
Mentor: Parameswaran Ramakrishnan
PhD Program: Pathology/Immunology
Research Topic: Role of NF-kappaB c-Rel and O-GlcNAcylation in B cell function in autoimmune diabetes
Undergrad: Case Western Reserve University

Meghan O’Keefe

MSTP Year: G3
Email: meo72@case.edu
Mentor: Derek Abbott
PhD Program: Pathology/Immunology
Research Topic: Investigating the role of RIPK2 in the innate immune response
Undergrad: Northeastern University
Vanessa Salazar

MSTP Year: G3  
Email: vxs313@case.edu  
Mentor: Xiaoxia Li  
PhD Program: Pathology/Immunology  
Research Topic: Host and microbe-dependent mechanisms of enhanced autoimmune susceptibility driven by checkpoint inhibitors  
Undergrad: Washington University in St Louis

Josephine Trichka

MSTP Year: G3  
Email: jjt78@case.edu  
Mentor: Stanley Adoro  
PhD Program: Pathology/Immunology  
Research Topic: The ESCRT protein CHMP5 as a critical mediator of peripheral tissue homeostasis  
Undergrad: Middlebury College
Davis Weaver
MSTP Year: G3
Email: dtw43@case.edu
Mentor: Jacob Scott
PhD Program: Systems Biology & Bioinformatics
Research Topic: Network science approaches to design precision therapies for treatment of cancer
Undergrad: Duke University

William Wulftange
MSTP Year: G3
Email: wjw61@case.edu
Mentor: Umut Gurkan
PhD Program: Biomedical Engineering
Research Topic: Modeling the blood-brain barrier using an organoid-on-a-chip device
Undergrad: University of Nevada – Reno
Muta Abiff

MSTP Year: G4+
Email: mxa605@case.edu
Mentor: Alex Huang
PhD Program: Pathology/Immunology
Research Topic: T-cell anti-tumor activity is dependent on functional PIEZO1 expression
Undergrad: SUNY Binghamton

James Ahad

MSTP Year: G4+
Email: jna27@case.edu
Mentor: Nicole Seiberlich
PhD Program: Biomedical Engineering
Research Topic: MR applications in heart and prostate
Undergrad: Washington University in St. Louis
Syrena Bracey

MSTP Year: G4+
Email: smb274@case.edu
Mentor: Tsan Sam Xiao
PhD Program: Pathology/Molecular and Cellular Basis of Disease
Research Topic: Molecular mechanisms of Caspase-1-mediated Pro-IL-1β processing
Undergrad: University of Maryland – Baltimore County

Erin Cohn

MSTP Year: G4+
Email: efc35@case.edu
Mentor: Paul Tesar
PhD Program: Genetics & Genome Sciences
Research Topic: Pathological mechanotransduction by oligodendrocytes after traumatic brain injury
Undergrad: Wesleyan University
Michaela Cooley

MSTP Year: G4+
Email: mbc84@case.edu
Mentor: Agata Exner
PhD Program: Biomedical Engineering
Research Topic: Assessing vascular permeability and nanobubble extravasation with contrast-enhanced ultrasound imaging
Undergrad: Case Western Reserve University

Michelle Cruz

MSTP Year: G4+
Email: mac386@case.edu
Mentor: Alan Levine
PhD Program: Pathology/Molecular and Cellular Basis of Disease
Research Topic: Bidirectional communication between circulating and mucosal T cells and the intestinal epithelium
Undergrad: Rensselaer Polytechnic Inst
Marc Ferrell

MSTP Year: G4+
Email: maf167@case.edu
Mentor: Stanley Hazen
PhD Program: Systems Biology & Bioinformatics
Research Topic: Niacin metabolites enhance cardiovascular disease risk via endothelial activation
Undergrad: University of Florida

Anniya Gu

MSTP Year: G4+
Email: axg826@case.edu
Mentor: Yan Li
PhD Program: Genetics & Genome Sciences
Research Topic: Single-cell genomics identifies disease-relevant genes in pancreatic islets
Undergrad: Syracuse University
Raza Haider
MSTP Year: G4+
Email: rxh376@case.edu
Mentor: Witold Surewicz
PhD Program: Physiology & Biophysics
Research Topic: Phosphorylation as a mechanism to modulate TDP-43 phase separation and aggregation
Undergrad: Emory University

Ellen Hong
MSTP Year: G4+
Email: esh81@case.edu
Mentor: Peter Scacheri
PhD Program: Genetics & Genome Sciences
Research Topic: Dissecting the role of intercellular heterogeneity of extrachromosomal DNA in glioblastoma
Undergrad: Cornell University
Dan Jindal

MSTP Year: G4+
Email: daj49@case.edu
Mentor: Heather Broihier
PhD Program: Neurosciences
Research Topic: Defining the role of glia in regulating synapse number in the Drosophila antennal lobe
Undergrad: Stanford University

Hannah Kondolf

MSTP Year: G4+
Email: hck23@case.edu
Mentor: Derek Abbott
PhD Program: Pathology/Immunology
Research Topic: Contributions of gasdermin family members to pyroptotic cell death
Undergrad: Cornell University
Emma Kundracik

MSTP Year: G4+
Email: ecs120@case.edu
Mentor: Arne Rietsch
PhD Program: Molecular Biology & Microbiology
Research Topic: Mapping protein-protein interactions in the Pseudomonas aeruginosa type III secretion system translocon
Undergrad: University of Michigan

George Luo

MSTP Year: G4+
Email: gxl263@case.edu
Mentor: John Letterio
PhD Program: Pathology/Cancer Biology
Research Topic: CDDO-2P-Im induces unfolded protein response and apoptosis in multiple myeloma cells
Undergrad: University of Wisconsin
Jennings Luu
MSTP Year: G4+
Email: jxl1574@case.edu
Mentor: Yoshikazu Inamishi, Krzysztof Palczewski
PhD Program: Pharmacology
Research Topic: Molecular mechanisms and therapeutic approaches in neurodegenerative disorders of the retina
Undergrad: University of California – Los Angeles

Morgan McGrath
MSTP Year: G4+
Email: mkm126@case.edu
Mentor: Jay Alberts
PhD Program: Clinical Translational Science
Research Topic: Developing a virtual reality assessment tool for instrumental activities of daily living in Parkinson’s Disease
Undergrad: Miami University – Ohio
Katrina Piemonte

MSTP Year: G4+
Email: kmp112@case.edu
Mentor: Ruth Keri
PhD Program: Pharmacology
Research Topic: The Src family kinase, YES1, controls chromosomal stability in triple negative breast cancer
Undergrad: Ithaca College

Joel Sax

MSTP Year: G4+
Email: jls34Q@case.edu
Mentor: Drew Adams
PhD Program: Genetics & Genome Sciences
Research Topic: Understanding the signaling mechanisms of 8,9-unsaturated sterols in enhancing oligodendrocyte formation
Undergrad: University of California – Berkeley
Preethy Sridharan
MSTP Year: G4+
Email: pss46@case.edu
Mentor: Andrew Pieper
PhD Program: Neurosciences
Research Topic: Oxidative stress in TBI
Undergrad: Carnegie-Mellon University

Nicholas Venetos
MSTP Year: G4+
Email: nmv22@case.edu
Mentor: Jonathan Stamler
PhD Program: Biochemistry
Research Topic: The role of S-nitrosylation in non-alcoholic fatty liver disease
Undergrad: The Ohio State University
Derek Wong

MSTP Year: G4+
Email: dpw42@case.edu
Mentor: Reshmi Parameswaran
PhD Program: Pathology/Immunology
Research Topic: Development of novel cancer immunotherapies for the treatment of B cell malignancies
Undergrad: University of Chicago

Soon Yi

MSTP Year: G4+
Email: sxy530@case.edu
Mentor: Eckhard Jankowsky
PhD Program: Biochemistry
Research Topic: Mapping global RNA-binding protein occupancies using femtosecond pulsed UV laser crosslinking
Undergrad: Cooper Union
Brendan Barton
MSTP Year: M3
Email: bmb91@case.edu
Mentor: Stanley Adoro
PhD Program: Pathology/Immunology
Research Topic: The unfolded protein response sensors in T-cell development and effector differentiation
Undergrad: University of Rochester

Adrian Gomez-Nguyen
MSTP Year: M3
Email: adrian.gomez-nguyen@case.edu
Mentor: Fabio Cominelli
PhD Program: Pathology/Immunology
Research Topic: The Microbiome-gut-behavior axis in a mouse model of Crohn's Disease-like ileitis
Undergrad: University of Chicago
Adam Lauko

MSTP Year: M3
Email: ajl202@case.edu
Mentor: Justin Lathia
PhD Program: Pathology/Molecular and Cellular Basis of Disease
Research Topic: SERPINB3 drives cancer stem cell survival in glioblastoma
Undergrad: University of Wisconsin

William Miller-Little

MSTP Year: M3
Email: wam77@case.edu
Mentor: Xiaoxia Li
PhD Program: Pathology/Immunology
Research Topic: Mechanisms of glucocorticoid resistance in T Cells
Undergrad: Kenyon College
Jessica Scarborough

MSTP Year: M3
Email: jas613@case.edu
Mentor: Jacob Scott
PhD Program: Systems Biology & Bioinformatics
Research Topic: An evolutionary-inspired approach to the extraction and translation of biomarkers for the prediction of therapeutic response in cancer
Undergrad: University of San Francisco

Sydney Song

MSTP Year: M3
Email: sss176@case.edu
Mentor: Jeffrey Capadona
PhD Program: Biomedical Engineering
Research Topic: Targeting innate immune system to prolong lifespan of intracortically implanted recording microelectrode
Undergrad: Boston College
Aaron Talsma

MSTP Year: M3  
Email: adt44@case.edu  
Mentor: Richard Zigmond  
PhD Program: Neurosciences  
Research Topic: Investigating the role of two anatomically distinct macrophage populations in peripheral nerve regeneration  
Undergrad: University of Michigan

Alicia Vagnozzi

MSTP Year: M3  
Email: anv7@case.edu  
Mentor: Polyxeni Philippidou  
PhD Program: Neurosciences  
Research Topic: A Hox5-dependent genetic program shapes respiratory motor output  
Undergrad: Northwestern University
Sarah Venus

MSTP Year: M3  
Email: slv19@case.edu  
Mentor: Eckhard Jankowsky  
PhD Program: Biochemistry  
Research Topic: Coordination of phase separation and translation initiation by DEAD-box RNA helicase DDX3X  
Undergrad: University of Cincinnati

Xinrui Zhang

MSTP Year: M3  
Email: xxz4B7@case.edu  
Mentor: Evan Deneris  
PhD Program: Biochemistry  
Research Topic: Regulation of chromatin accessibility and Pet1/FEV binding during serotonergic (5-HT) neuron development  
Undergrad: Harvard University
Kevin Allan

MSTP Year: M4
Email: kxa248@case.edu
Mentor: Paul Tesar
PhD Program: Genetics & Genome Sciences
Research Topic: Oligodendrocyte formation in health and disease
Undergrad: University of Rochester

Elliot Choi

MSTP Year: M4
Email: exc275@case.edu
Mentor: Krzysztof Palczewski
PhD Program: Pharmacology
Research Topic: Retinal physiology and pathophysiology associated with isomerases expressed in the retinal pigment epithelium
Undergrad: Johns Hopkins University
Liyan Fan

MSTP Year: M4
Email: lxf110@case.edu
Mentor: Mukesh Jain
PhD Program: Pathology/Molecular and Cellular Basis of Disease
Research Topic: Role of skeletal muscle Kruppel-like factor 15 (KLF15) in the regulation of systemic metabolism
Undergrad: University of Pittsburgh

Michael McHenry

MSTP Year: M4
Email: mlm261@case.edu
Mentor: Catherine Stein
PhD Program: Epidemiology & Biostatistics
Research Topic: Genomic and co-evolutionary determinants of active TB severity
Undergrad: Emory University
Otis Pinkard

MSTP Year: M4  
Email: owp2@case.edu  
Mentor: Jeffery Coller  
PhD Program: Genetics & Genome Sciences  
Research Topic: The role of tRNA abundance on mRNA  
Undergrad: University of Cincinnati

Kathleen Plona

MSTP Year: M4  
Email: klp65@case.edu  
Mentor: Mitchell Drumm  
PhD Program: Genetics & Genome Sciences  
Research Topic: Exploring molecular pathogenesis to streamline future therapeutics in rare diseases using GSD1a as a model  
Undergrad: Ohio University
Peter Qiao

MSTP Year: M4  
Email: plq2@case.edu  
Mentor: Zheng-Rong Lu  
PhD Program: Biomedical Engineering  
Research Topic: Development of a Extradomain-B fibronectin targeted MRI contrast agent for pancreatic cancer detection  
Undergrad: University of Pennsylvania

Avery Sears

MSTP Year: M4  
Email: aes31@case.edu  
Mentor: Krzysztof Palczewski  
PhD Program: Pharmacology  
Research Topic: Cryo-electron microscopy single particle analysis of interphotoreceptor retinoid binding protein and the Periphein2/ROM1 complex, proteins necessary for the sensation of vision  
Undergrad: Case Western Reserve University
Susie Suh

MSTP Year: M4  
Email: sx1482@case.edu  
Mentor: Krzysztof Palczewski  
PhD Program: Pharmacology  
Research Topic: Gene rescue of nonsense mutation in inherited retinal disease mouse model using adenine base editor  
Undergrad: University of California – Berkeley

David Sweet

MSTP Year: M4  
Email: dxs658@case.edu  
Mentor: Mukesh Jain  
PhD Program: Pathology/Molecular and Cellular Basis of Disease  
Research Topic: Krüppel-like factor 2 regulation of aging and healthspan: a link between the 3D nucleome and disease  
Undergrad: The Ohio State University
Bryan Webb
MSTP Year: M4
Email: bmw79@case.edu
Mentor: Ruth Keri
PhD Program: Pharmacology
Research Topic: Defining super-enhancer landscapes in TNBC subtypes
Undergrad: Washington University in St. Louis

Bowen Zhou
MSTP Year: M4
Email: bxz164@case.edu
Mentor: Derek Abbott
PhD Program: Pathology/Immunology
Research Topic: Gasdermins: a lattice network of cell death effectors
Undergrad: Princeton University