

## 2020-21 MSTP Students by Year in Program

### M1

[Diana Chin](#)  
[Sofia Corella](#)  
[Himanshu Dashora](#)  
[Paul Karell](#)  
[Rupleen Kaur](#)  
[Thomas Lavin](#)  
[Benjamin Mittman](#)  
[Michelle Pan](#)  
[Kyle Starost](#)  
[Stephen Wang](#)  
[Douglas Wu](#)  
[Ying Xiong](#)  
[Walter Zhao](#)

### M2

[Alicia Aguilar](#)  
[Sarah Barker](#)  
[Bijoya Basu](#)  
[Razaq Durodoye](#)  
[Daniel Feinberg](#)  
[Natalie Hong](#)  
[Natasha Ingles](#)  
[Eshan King](#)  
[Katherine Letai](#)  
[Kevin Newhall](#)  
[Joseph Schindler](#)  
[Michael Shi](#)  
[Sabrina Wang](#)  
[Jesse Zhan](#)

### G1

[Lucie Ahn](#)  
[Melissa Bonner](#)  
[Brendan Boylan](#)  
[Yi Fan Chen](#)  
[Zachary Grimmett](#)  
[Emily Hannon](#)  
[Brian Kim](#)  
[Erik Koritzinsky](#)  
[Alexander Lesser](#)

### G1 (continued)

[Angela Liu](#)  
[Meghan O'Keefe](#)  
[Vanessa Salazar](#)  
[Josephine Trichka](#)  
[Davis Weaver](#)  
[William Wulftange](#)

### G2

[Syrena Bracey](#)  
[Erin Cohn](#)  
[Michaela Cooley](#)  
[Anniya Gu](#)  
[Ellen Hong](#)  
[Hannah Kondolf](#)  
[Adam Lauko](#)  
[Joel Sax](#)  
[Jessica Scarborough](#)  
[Nicholas Venetos](#)  
[Derek Wong](#)  
[Soon Yeul Yi](#)

### G3

[Muta Abiff](#)  
[Michelle Cruz](#)  
[Marc Ferrell](#)  
[Raza Haider](#)  
[Dan Jindal](#)  
[Emma Kundracik](#)  
[George Luo](#)  
[Jennings Luu](#)  
[Morgan McGrath](#)  
[Michael McHenry](#)  
[William Miller-Little](#)  
[Katrina Piemonte](#)  
[Otis Pinkard](#)

### G4+

[James Ahad](#)  
[Kevin Allan](#)  
[Brendan Barton](#)

### G4+ (continued)

[Elliot Choi](#)  
[Liyan Fan](#)  
[Adrian Gomez-Nguyen](#)  
[Daniel Leonard](#)  
[Kathleen Plona](#)  
[Peter Qiao](#)  
[Avery Sears](#)  
[Sydney Song](#)  
[Preethy Sridharan](#)  
[Susie Suh](#)  
[David Sweet](#)  
[Aaron Talsma](#)  
[Alicia Vagnozzi](#)  
[Sarah Venus](#)  
[Bryan Webb](#)  
[Xinrui Zhang](#)  
[Bowen Zhou](#)

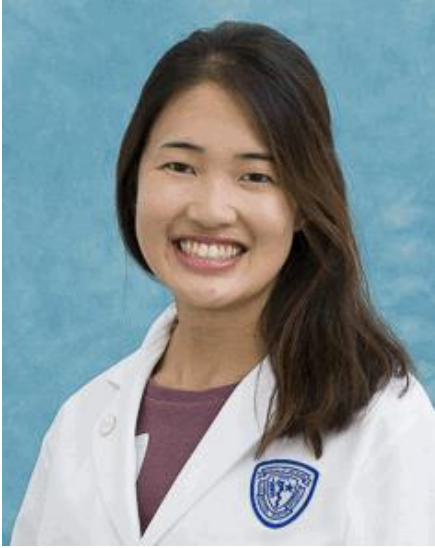
### M3

[Michael Babinchak](#)  
[Brian Fort](#)  
[Ryan Gimple](#)  
[Zita Hubler](#)  
[Uriel Kim](#)  
[Claire Mazahery](#)  
[Andrew Morton](#)  
[Briana Prager](#)  
[Anisha Rastogi](#)  
[Nathaniel Robinson](#)  
[Yorlenny Vicioso](#)

### M4

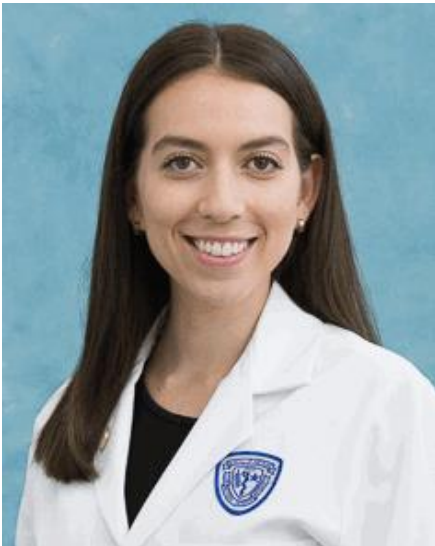
[Awuri Asuru](#)  
[Stevephen Hung](#)  
[Leo Kim](#)  
[John Li](#)  
[Evelyn Ojo](#)  
[Colin Stomerski](#)  
[Gloria Tavera](#)  
[Sarah Taylor](#)

M1



Diana Chin

MSTP Year: M1  
Email: [dhc64@case.edu](mailto:dhc64@case.edu)  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Princeton University



Sofia Corella

MSTP Year: M1  
Email: [sgc65@case.edu](mailto:sgc65@case.edu)  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of North Carolina – Chapel Hill



Himanshu Dashora

MSTP Year: M1  
Email: hrd14@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Johns Hopkins University



Paul Karell

MSTP Year: M1  
Email: pek35@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of Pittsburgh



Rupleen Kaur

MSTP Year: M1  
Email: rxk614@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of California – Davis



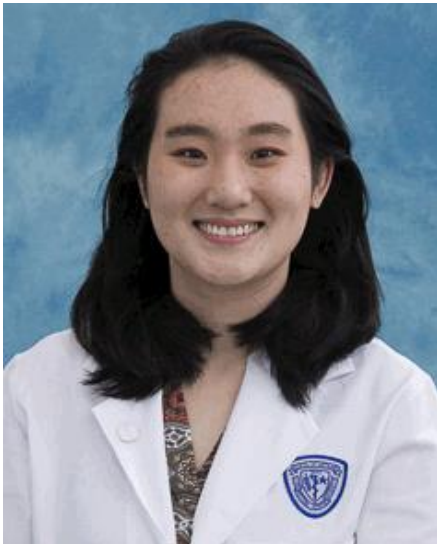
Thomas Lavin

MSTP Year: M1  
Email: tk119@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of Maine



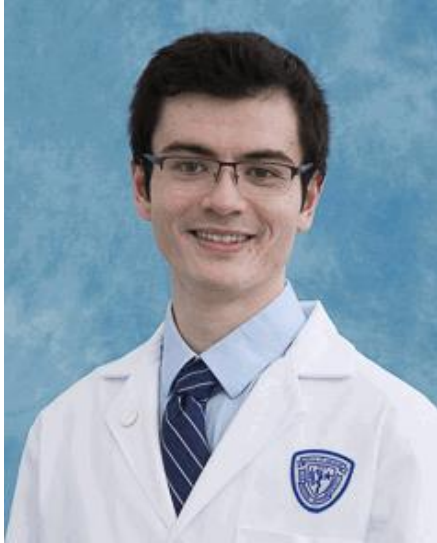
Benjamin Mittman

MSTP Year: M1  
Email: bgm37@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Hamilton College



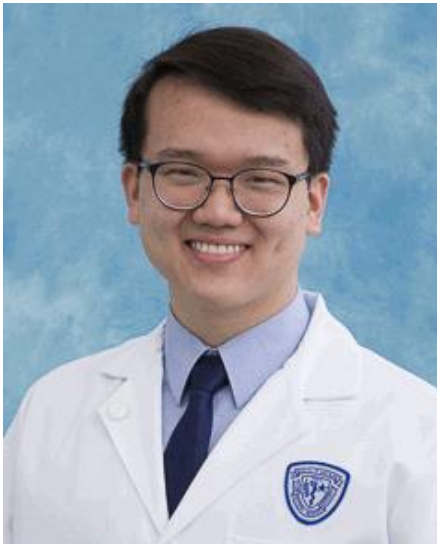
Michelle Pan

MSTP Year: M1  
Email: mjp238@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Franklin & Marshall College



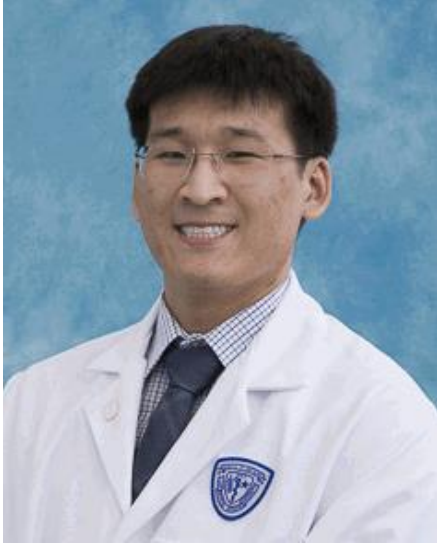
Kyle Starost

MSTP Year: M1  
Email: kas265@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Case Western Reserve University



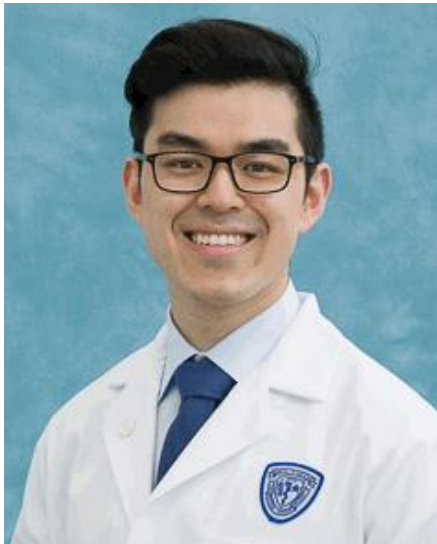
Stephen Wang

MSTP Year: M1  
Email: slw105@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Yale University



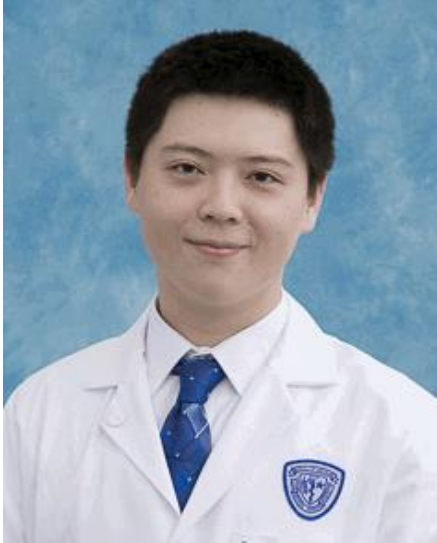
Douglas Wu

MSTP Year: M1  
Email: dhw45@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of Michigan



Ying Xiong

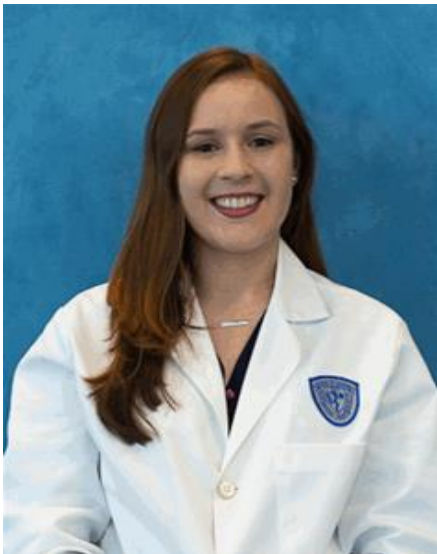
MSTP Year: M1  
Email: yxx685@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of Pennsylvania



Walter Zhao

MSTP Year: M1  
Email: wxz485@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Johns Hopkins University

M2



Alicia Aguilar

MSTP Year: M2  
Email: axa1059@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Oklahoma State University





Sarah Barker

MSTP Year: M2  
Email: [sxb878@case.edu](mailto:sxb878@case.edu)  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Colorado College



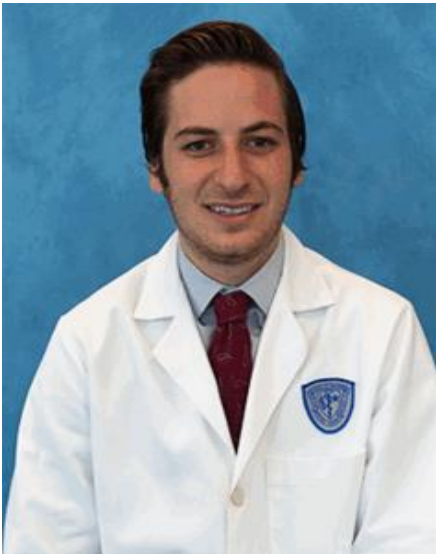
Bijoya Basu

MSTP Year: M2  
Email: [bx424@case.edu](mailto:bx424@case.edu)  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Washington University in St. Louis



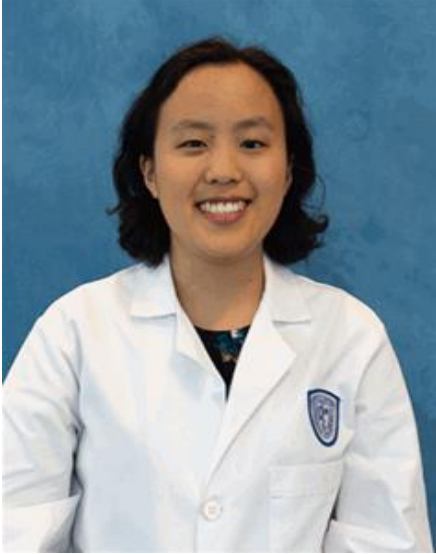
Razaq Durodoye

MSTP Year: M2  
Email: rod10@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: The University of Texas at Dallas



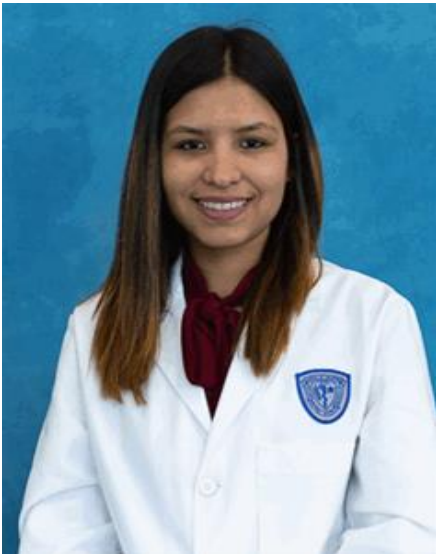
Daniel Feinberg

MSTP Year: M2  
Email: daf93@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Understanding what (if any) role Spink1 has in natural killer (NK) cells  
Undergrad: Washington University in St. Louis



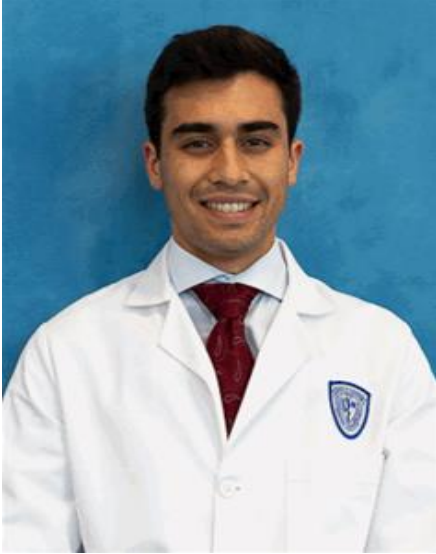
Natalie Hong

MSTP Year: M2  
Email: meh47@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Carnegie Mellon University



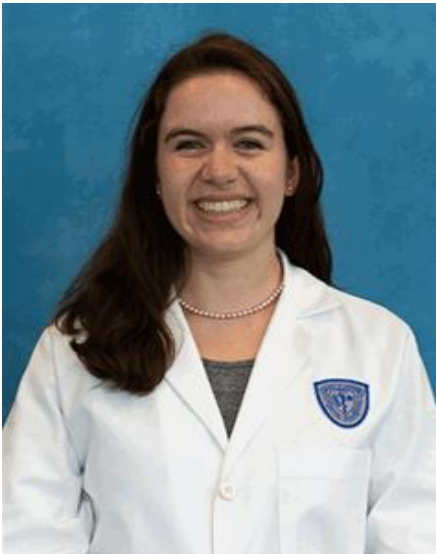
Natasha Ingles

MSTP Year: M2  
Email: nxi53@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of Puerto Rico – Mayaguez



Eshan King

MSTP Year: M2  
Email: esk81@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Washington University in St. Louis



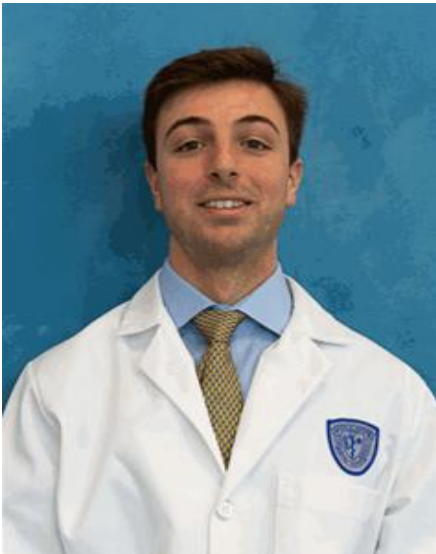
Katherine Letai

MSTP Year: M2  
Email: kcl68@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Princeton University



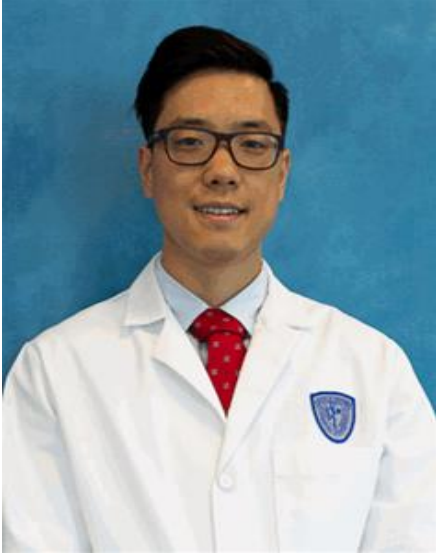
Kevin Newhall

MSTP Year: M2  
Email: [kpn11@case.edu](mailto:kpn11@case.edu)  
Mentor: Thaddeus Stappenbeck  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Vassar College



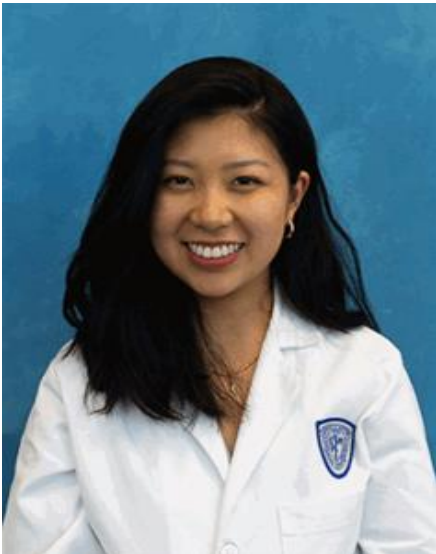
Joseph Schindler

MSTP Year: M2  
Email: [jcs186@case.edu](mailto:jcs186@case.edu)  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Middlebury College



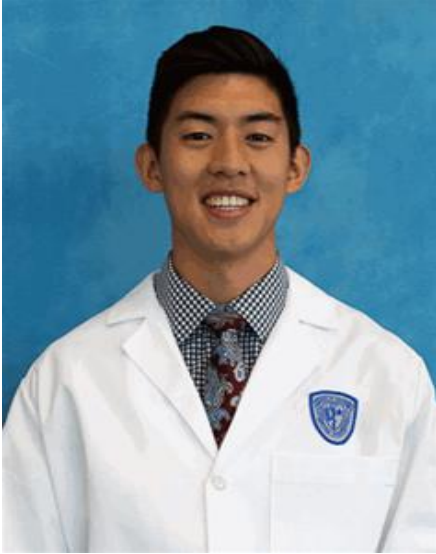
Michael Shi

MSTP Year: M2  
Email: mxs1570@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: University of Massachusetts



Sabrina Wang

MSTP Year: M2  
Email: szw7@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Johns Hopkins University



Jesse Zhan

MSTP Year: M2  
Email: jjz46@case.edu  
Mentor: Undecided  
PhD Program: Undecided  
Research Topic: Undecided  
Undergrad: Johns Hopkins University

G1



Lucie Ahn

MSTP Year: G1  
Email: yxa133@case.edu  
Mentor: Ashleigh Schaffer  
PhD Program: Genetics & Genome Sciences  
Research Topic: Undecided  
Undergrad: Duke University



## Melissa Bonner

MSTP Year: G1

Email: [mrb194@case.edu](mailto:mrb194@case.edu)

Mentor: Alex Huang

PhD Program: Pathology/Cancer Biology

Research Topic: Undecided

Undergrad: University of Southern California



## Brendan Boylan

MSTP Year: G1

Email: [btb47@case.edu](mailto:btb47@case.edu)

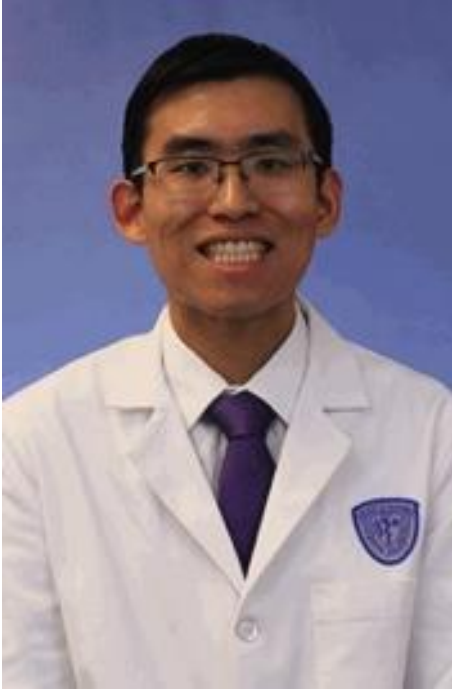
Mentor: Cornelia Bergmann

PhD Program: Neurosciences

Research Topic: Undecided

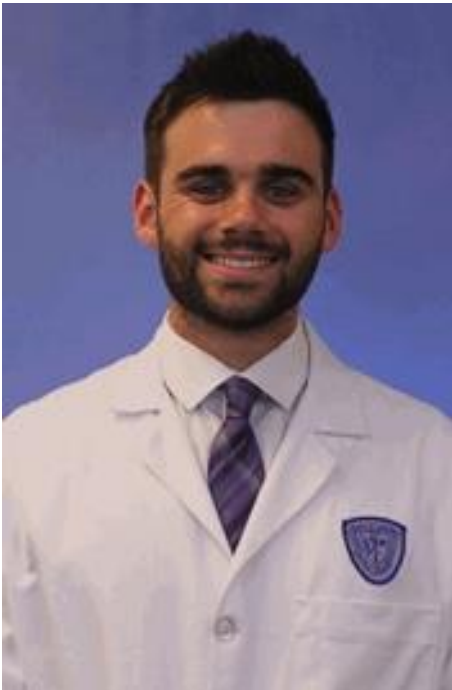
Undergrad: University of Wisconsin – Madison





Yi Fan Chen

MSTP Year: G1  
Email: [yxc1272@case.edu](mailto:yxc1272@case.edu)  
Mentor: Drew Adams  
PhD Program: Genetics & Genome Sciences  
Research Topic: Undecided  
Undergrad: Cornell University



Zachary Grimmatt

MSTP Year: G1  
Email: [zxc198@case.edu](mailto:zxc198@case.edu)  
Mentor: Jonathan Stamler  
PhD Program: Pathology/Immunology  
Research Topic: Undecided  
Undergrad: University of California – Berkeley



Emily Hannon

MSTP Year: G1

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: G1

Email: bxk342@case.edu

Mentor: Atul Chopra

PhD Program: Genetics & Genome Sciences

Research Topic: Undecided

Undergrad: University of Pennsylvania



## Erik Koritzinsky

MSTP Year: G1

Email: ehk44@case.edu

Mentor: Robert Fairchild

PhD Program: Pathology/Immunology

Research Topic: Regulatory T cell-mediated long-term tolerance of high-risk cardiac allografts

Undergrad: Cornell University



## Alexander Lesser

MSTP Year: G1

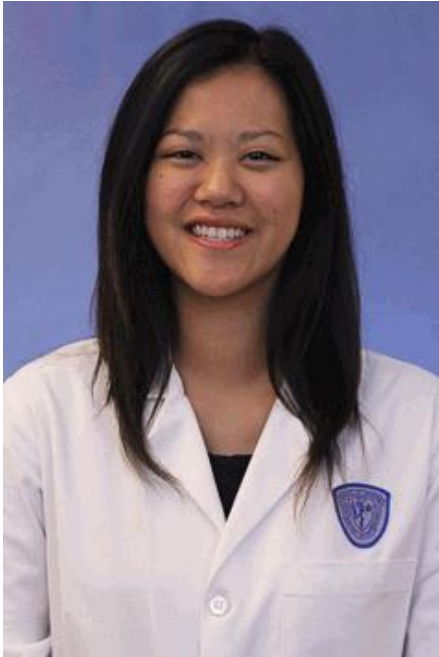
Email: afl36@case.edu

Mentor: Mukesh Jain

PhD Program: Pathology/Molecular and Cellular Basis of Disease

Research Topic: Undecided

Undergrad: Cornell University



Angela Liu

MSTP Year: G1

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: G1

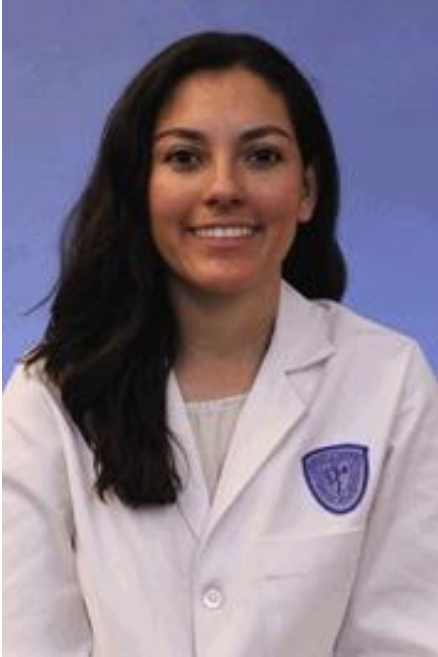
Email: meo72@case.edu

Mentor: Derek Abbott

PhD Program: Pathology/Immunology

Research Topic: Undecided

Undergrad: Northeastern University



## Vanessa Salazar

MSTP Year: G1

Email: [vx313@case.edu](mailto:vx313@case.edu)

Mentor: Xiaoxia Li

PhD Program: Pathology/Immunology

Research Topic: Undecided

Undergrad: Washington University in St Louis



## Josephine Trichka

MSTP Year: G1

Email: [jjt78@case.edu](mailto:jjt78@case.edu)

Mentor: Stanley Adoro

PhD Program: Pathology/Immunology

Research Topic: Undecided

Undergrad: Middlebury College



## Davis Weaver

MSTP Year: G1

Email: dtw43@case.edu

Mentor: Jacob Scott

PhD Program: Systems Biology & Bioinformatics

Research Topic: Network potential identifies therapeutic miRNA cocktails in Ewings Sarcoma

Undergrad: Duke University



## William Wulftange

MSTP Year: G1

Email: wjw61@case.edu

Mentor: Umut Gurkan

PhD Program: Biomedical Engineering

Research Topic: Undecided

Undergrad: University of Nevada – Reno

G2



Syrena Bracey

MSTP Year: G2

Email: [smb274@case.edu](mailto:smb274@case.edu)

Mentor: Maria Hatzoglou

PhD Program: Genetics & Genome Sciences

Research Topic: Redox regulation of PCK2 in pancreatic beta cells promotes metabolic reprogramming and glucose-stimulated insulin secretion

Undergrad: University of Maryland – Baltimore County



Erin Cohn

MSTP Year: G2

Email: [efc35@case.edu](mailto:efc35@case.edu)

Mentor: Paul Tesar

PhD Program: Genetics & Genome Sciences

Research Topic: Undecided

Undergrad: Wesleyan University



Michaela Cooley

MSTP Year: G2

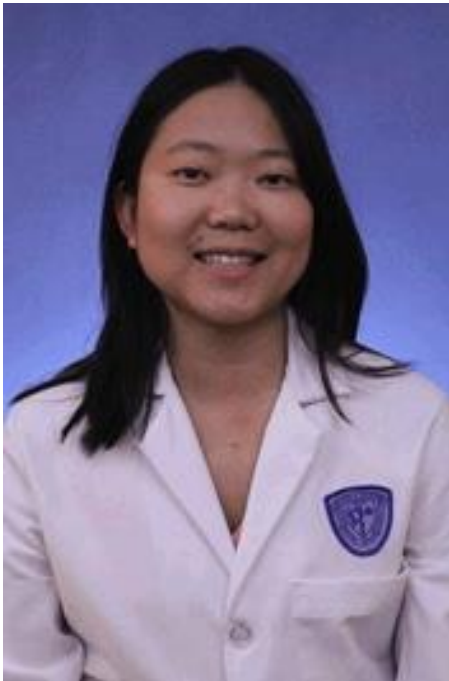
Email: [mbc84@case.edu](mailto:mbc84@case.edu)

Mentor: Agata Exner

PhD Program: Biomedical Engineering

Research Topic: Undecided

Undergrad: Case Western Reserve University



Anniya Gu

MSTP Year: G2

Email: [axg826@case.edu](mailto:axg826@case.edu)

Mentor: Yan Li

PhD Program: Genetics & Genome Sciences

Research Topic: Undecided

Undergrad: Syracuse University





## Ellen Hong

MSTP Year: G2

Email: [esh81@case.edu](mailto: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



## Hannah Kondolf

MSTP Year: G2

Email: [hck23@case.edu](mailto:hck23@case.edu)

Mentor: Derek Abbott

PhD Program: Pathology/Immunology

Research Topic: Undecided

Undergrad: Cornell University



Adam Lauko

MSTP Year: G2

Email: [ajl202@case.edu](mailto:ajl202@case.edu)

Mentor: Justin Lathia

PhD Program: Pathology/Molecular and Cellular Basis of Disease

Research Topic: Role of SerpinB3 in the maintenance of glioblastoma cancer stem cells

Undergrad: University of Wisconsin



Joel Sax

MSTP Year: G2

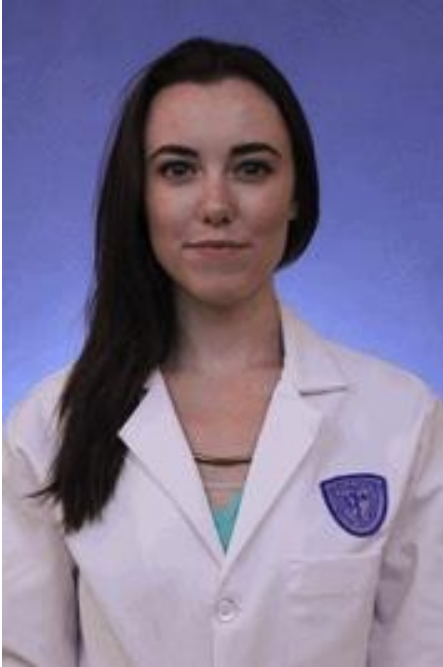
Email: [jls340@case.edu](mailto:jls340@case.edu)

Mentor: Drew Adams

PhD Program: Genetics & Genome Sciences

Research Topic: Undecided

Undergrad: University of California – Berkeley



## Jessica Scarborough

MSTP Year: G2

Email: jas613@case.edu

Mentor: Jacob Scott

PhD Program: Systems Biology & Bioinformatics

Research Topic: Exploiting convergent evolution to design biomarker extraction tools for the prediction of therapeutic response in cancer

Undergrad: University of San Francisco



## Nicholas Venetos

MSTP Year: G2

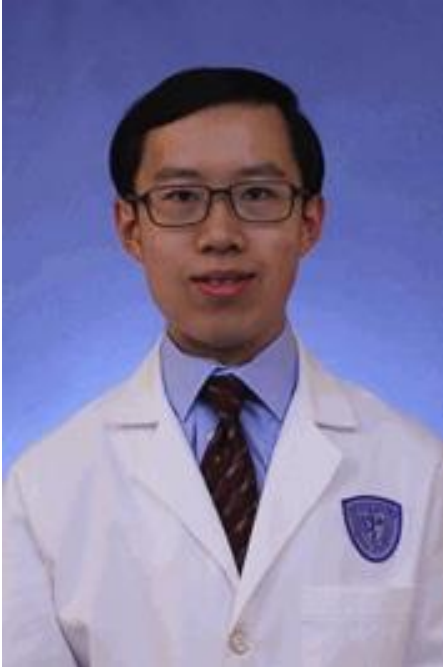
Email: nmv22@case.edu

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: G2

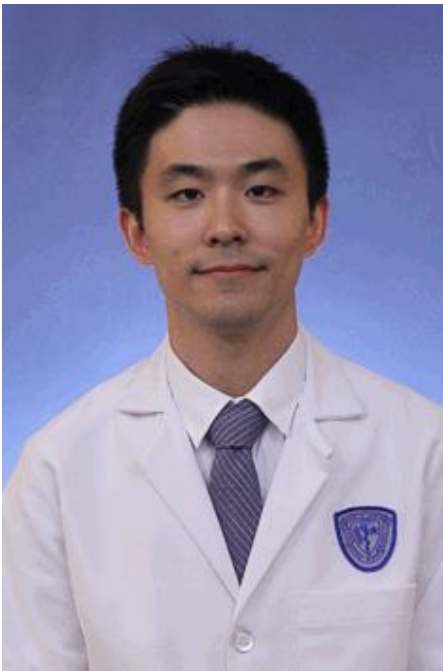
Email: dpw42@case.edu

Mentor: Reshmi Parameswaran

PhD Program: Pathology/Immunology

Research Topic: Investigating the role of Cdk5 in NK cells

Undergrad: University of Chicago



Soon Yi

MSTP Year: G2

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

G3



Muta Abiff

MSTP Year: G3

Email: mxa605@case.edu

Mentor: Alex Huang

PhD Program: Pathology/Immunology

Research Topic: Role of IRF2BP2 in tumor Immune evasion

Undergrad: SUNY Binghamton



Michelle Cruz

MSTP Year: G3

Email: mac386@case.edu

Mentor: Anirban Sen Gupta

PhD Program: Pathology/Molecular and Cellular Basis of Disease

Research Topic: Targeting FXII-uPAR signaling axis in Neutrophils for treatment of thromboinflammatory disease

Undergrad: Ren9sselaer Polytechnic Inst



## Marc Ferrell

MSTP Year: G3

Email: maf167@case.edu

Mentor: Stanley Hazen

PhD Program: Systems Biology & Bioinformatics

Research Topic: Identifying novel metaorganismal metabolites contributing to cardiovascular disease

Undergrad: University of Florida



## Raza Haider

MSTP Year: G3

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



## Dan Jindal

MSTP Year: G3

Email: [daj49@case.edu](mailto:daj49@case.edu)

Mentor: Heather Broihier

PhD Program: Neurosciences

Research Topic: Function of glia in regulating synapse density in the *Drosophila* olfactory circuit

Undergrad: Stanford University



## Emma Kundracik

MSTP Year: G3

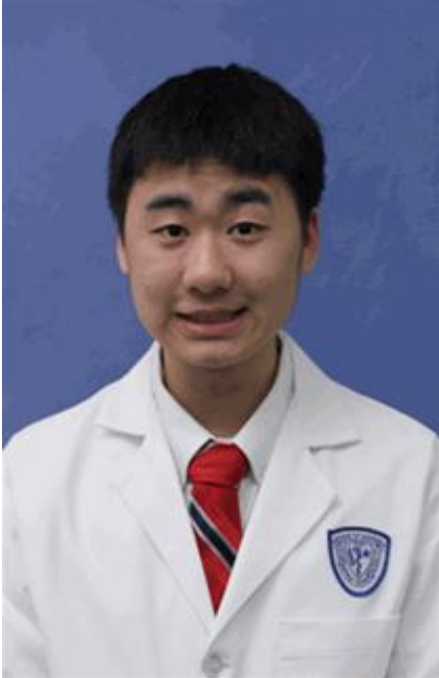
Email: [ecs120@case.edu](mailto:ecs120@case.edu)

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: G3

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: G3

Email: jxl1574@case.edu

Mentor: Yoshikazu Inamishi, Krzysztof Palczewski

PhD Program: Pharmacology

Research Topic: G protein-coupled receptor signaling mediates the severity of light-induced retinal degeneration

Undergrad: University of California – Los Angeles





## Morgan McGrath

MSTP Year: G3

Email: mkm126@case.edu

Mentor: Jay Alberts

PhD Program: Clinical Translational Science

Research Topic: Subconcussive head impacts and neurological change in adolescent athletes

Undergrad: Miami University – Ohio



## Michael McHenry

MSTP Year: G3

Email: mlm261@case.edu

Mentor: Catherine Stein

PhD Program: Epidemiology & Biostatistics

Research Topic: Genetic variation and tuberculosis severity, effect modification by mycobacterial genome

Undergrad: Emory University



## William Miller-Little

MSTP Year: G3

Email: [wam77@case.edu](mailto:wam77@case.edu)

Mentor: Xiaoxia Li

PhD Program: Pathology/Immunology

Research Topic: Effect of IL-1R signaling on steroid resistance in Th17 cells

Undergrad: Kenyon College



## Katrina Piemonte

MSTP Year: G3

Email: [kmp112@case.edu](mailto:kmp112@case.edu)

Mentor: Ruth Keri

PhD Program: Pharmacology

Research Topic: Elucidating the role of GAS2L3 in TNBC fitness

Undergrad: Ithaca College



Otis Pinkard

MSTP Year: G3  
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

G4+



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



## Kevin Allan

MSTP Year: G4+

Email: [kxa248@case.edu](mailto:kxa248@case.edu)

Mentor: Paul Tesar

PhD Program: Genetics & Genome Sciences

Research Topic: Oligodendrocyte formation in health and disease

Undergrad: University of Rochester



## Brendan Barton

MSTP Year: G4+

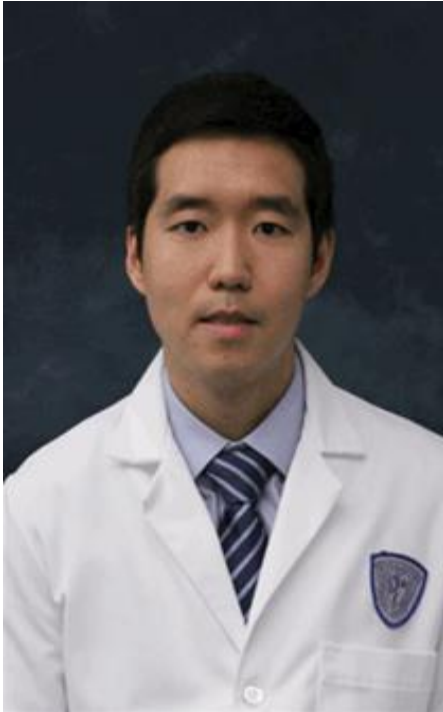
Email: [bmb91@case.edu](mailto:bmb91@case.edu)

Mentor: Stanley Adoro

PhD Program: Pathology/Immunology

Research Topic: Essential role for the unfolded protein response in T-cell-mediated immunity

Undergrad: University of Rochester



## Elliot Choi

MSTP Year: G4+

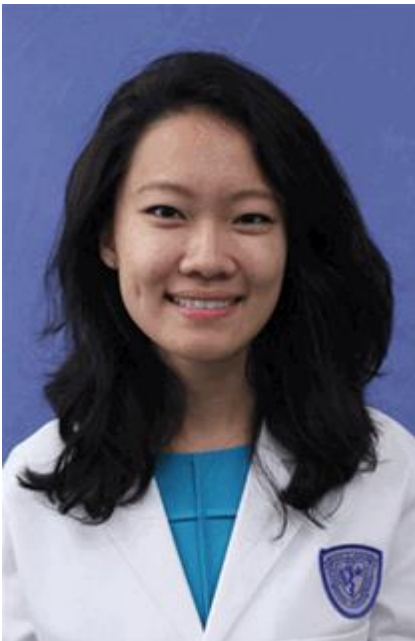
Email: exc275@case.edu

Mentor: Krzysztof Palczewski

PhD Program: Pharmacology

Research Topic: Pathogenesis of dominant retinitis pigmentosa associated with a D477G mutation in RPE65 and CRISPR-Cas9 mediated therapeutic approach

Undergrad: Johns Hopkins University



## Liyan Fan

MSTP Year: G4+

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



## Adrian Gomez-Nguyen

MSTP Year: G4+

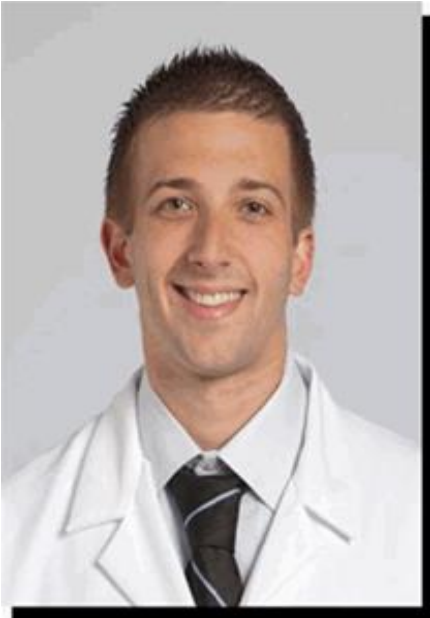
Email: [adrian.gomez-nguyen@case.edu](mailto:adrian.gomez-nguyen@case.edu)

Mentor: Fabio Cominelli

PhD Program: Pathology/Immunology

Research Topic: Stress induced alterations in a mouse model of Crohn's disease

Undergrad: University of Chicago



## Daniel Leonard

MSTP Year: G4+

Email: [djl116@case.edu](mailto:djl116@case.edu)

Mentor: Derek Taylor

PhD Program: Pathology/Cancer Biology

Research Topic: SMAPs enhance tumor suppressive capacity of PP2A through regulation of PP2A-PME interactions

Undergrad: SUNY Albany



## Kathleen Plona

MSTP Year: G4+

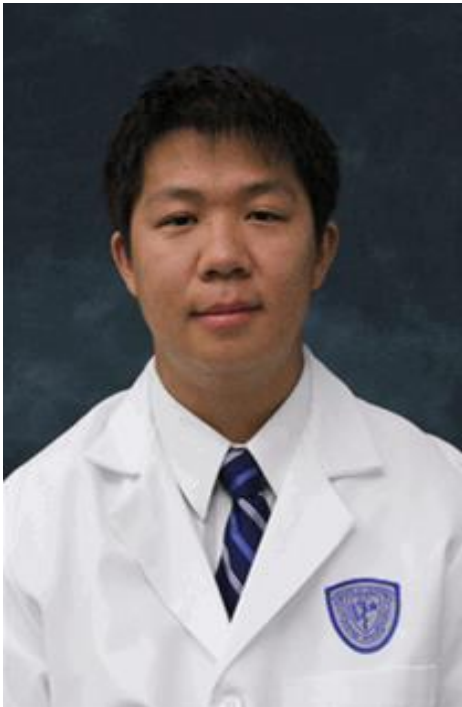
Email: [klp65@case.edu](mailto:klp65@case.edu)

Mentor: Mitchell Drumm

PhD Program: Genetics & Genome Sciences

Research Topic: Classifying mutations in rare disease Glycogen Storage Disease Type 1a

Undergrad: Ohio University



## Peter Qiao

MSTP Year: G4+

Email: [plq2@case.edu](mailto: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: G4+

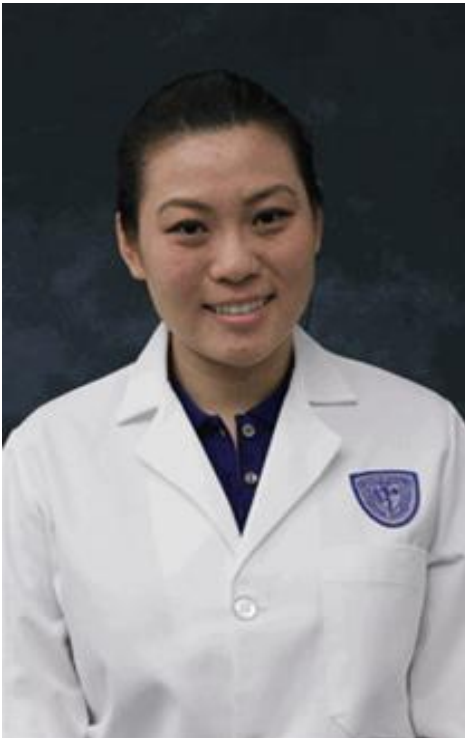
Email: aes31@case.edu

Mentor: Krzysztof Palczewski

PhD Program: Pharmacology

Research Topic: The structure and function of Peripherin-2/ROM1 (Per-2/ROM1)

Undergrad: Case Western Reserve University



## Sydney Song

MSTP Year: G4+

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





## Preethy Sridharan

MSTP Year: G4+

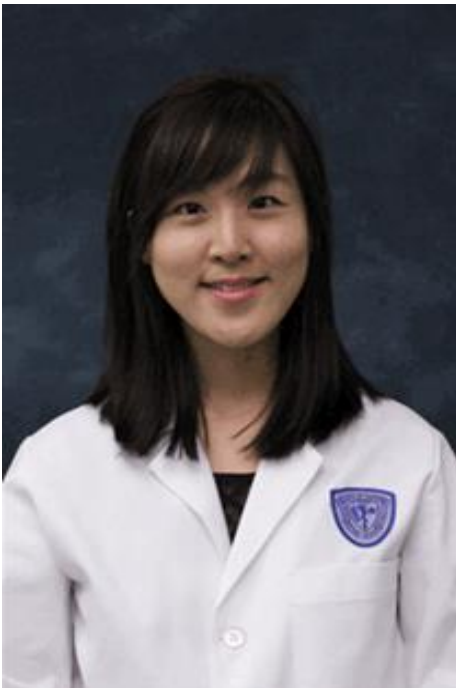
Email: pss46@case.edu

Mentor: Andrew Pieper

PhD Program: Neurosciences

Research Topic: Oxidative stress in TBI

Undergrad: Carnegie-Mellon University



## Susie Suh

MSTP Year: G4+

Email: sxs1482@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: G4+

Email: [dxs658@case.edu](mailto:dxs658@case.edu)

Mentor: Mukesh Jain

PhD Program: Pathology/Molecular and Cellular Basis of Disease

Research Topic: Krüppel-like factor 2 as a novel regulator of the myeloid nucleome: insights into aging and age-associated disorders

Undergrad: The Ohio State University



## Aaron Talsma

MSTP Year: G4+

Email: [adt44@case.edu](mailto: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: G4+

Email: anv7@case.edu

Mentor: Polyxeni Philippidou

PhD Program: Neurosciences

Research Topic: Molecular mechanisms of phrenic motor neuron development and connectivity

Undergrad: Northwestern University



## Sarah Venus

MSTP Year: G4+

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



## Bryan Webb

MSTP Year: G4+

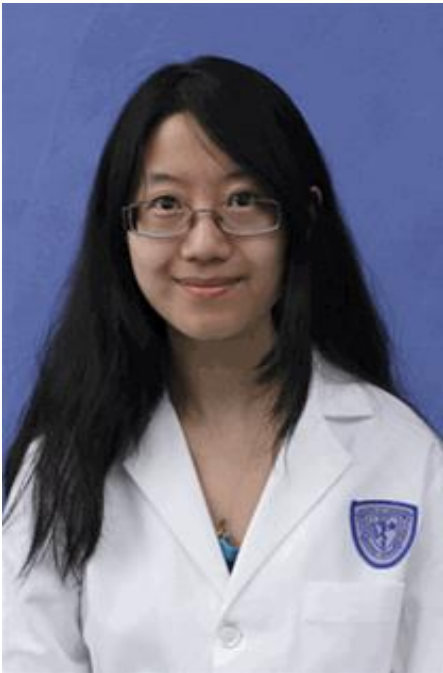
Email: [bmw79@case.edu](mailto:bmw79@case.edu)

Mentor: Ruth Keri

PhD Program: Pharmacology

Research Topic: Defining super-enhancer landscapes in TNBC subtypes

Undergrad: Washington University in St. Louis



## Xinrui Zhang

MSTP Year: G4+

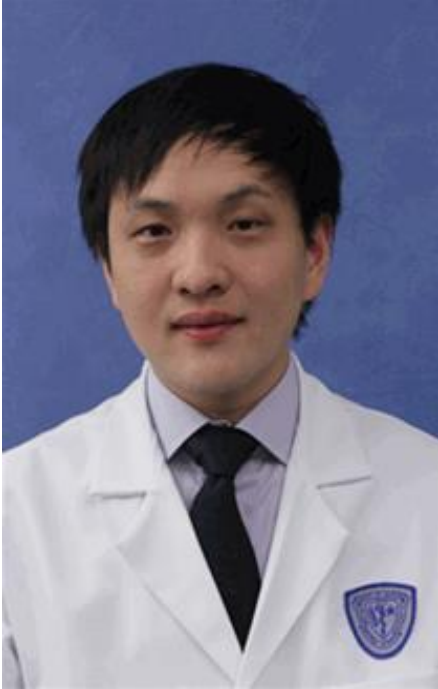
Email: [xxz487@case.edu](mailto:xxz487@case.edu)

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



## Bowen Zhou

MSTP Year: G4+

Email: bxz164@case.edu

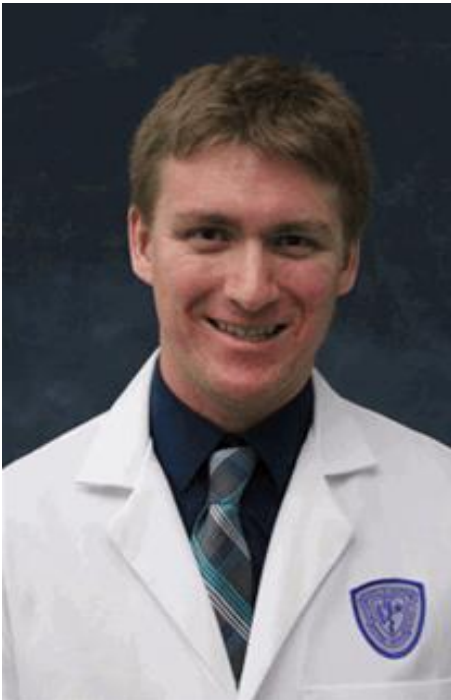
Mentor: Derek Abbott

PhD Program: Pathology/Immunology

Research Topic: Alternative IL-1 $\beta$  release by gasdermin family members

Undergrad: Princeton University

## M3



## Michael Babinchak

MSTP Year: M3

Email: wmb40@case.edu

Mentor: Witold Surewicz

PhD Program: Physiology & Biophysics

Research Topic: The role of liquid-liquid phase separation in the aggregation of the wild type and mutant TDP-43 in neurodegenerative diseases

Undergrad: University of Miami



## Brian Fort

MSTP Year: M3

Email: bpf10@case.edu

Mentor: Edward Greenfield

PhD Program: Pathology/Immunology

Research Topic: The Inflammatory pathways of aseptic loosening

Undergrad: Case Western Reserve University



## Ryan Gimple

MSTP Year: M3

Email: rcg58@case.edu

Mentor: Jeremy Rich

PhD Program: Pathology/Cancer Biology

Research Topic: Epigenetic landscapes identify functional therapeutic vulnerabilities in glioblastoma

Undergrad: Duke University



## Zita Hubler

MSTP Year: M3

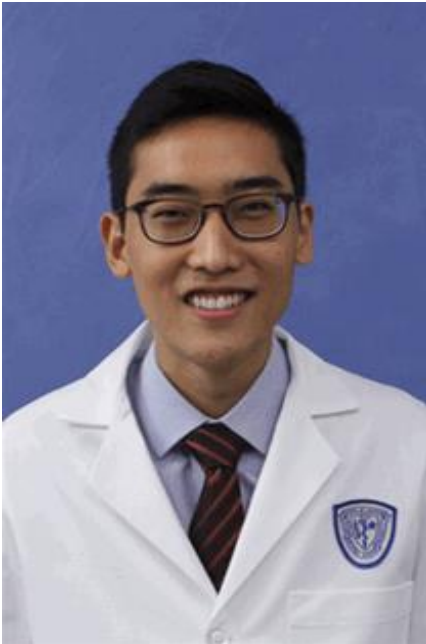
Email: [znh10@case.edu](mailto:znh10@case.edu)

Mentor: Drew Adams

PhD Program: Genetics & Genome Sciences

Research Topic: Enhancing oligodendrocyte formation via inhibition of the cholesterol biosynthesis pathway

Undergrad: University of Illinois



## Uriel Kim

MSTP Year: M3

Email: [uxk13@case.edu](mailto:uxk13@case.edu)

Mentor: Kurt Stange

PhD Program: Clinical Translational Science

Research Topic: Health services access and cancer disparities among low-income Ohioans

Undergrad: University of Southern California



## Claire Mazahery

MSTP Year: M3

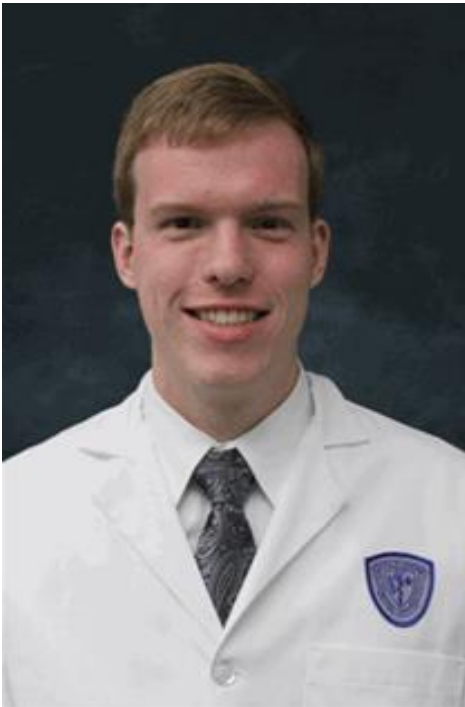
Email: [cxm390@case.edu](mailto:cxm390@case.edu)

Mentor: Alan Levine

PhD Program: Pathology/Immunology

Research Topic: CD8+ T cell mediated immunity is disrupted by ex vivo and in vivo opioid use

Undergrad: Scripps College



## Andrew Morton

MSTP Year: M3

Email: [arm205@case.edu](mailto:arm205@case.edu)

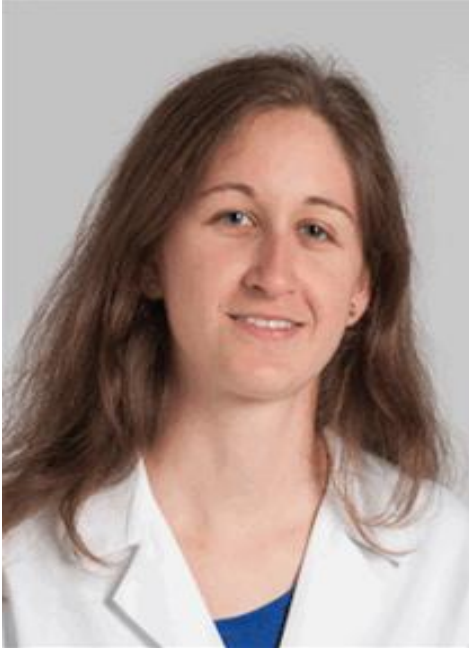
Mentor: Peter Scacheri

PhD Program: Genetics & Genome Sciences

Research Topic: Delineating the role of enhancers in extrachromosomal oncogene amplifications

Undergrad: Michigan State University





Briana Prager

MSTP Year: M3

Email: [bxp182@case.edu](mailto:bxp182@case.edu)

Mentor: Jeremy Rich

PhD Program: Pathology/Cancer Biology

Research Topic: The meningioma enhancer landscape delineates prognostic subgroups and drives druggable dependencies

Undergrad: Harvard University



Anisha Rastogi

MSTP Year: M3

Email: [axr474@case.edu](mailto:axr474@case.edu)

Mentor: A. Bolu Ajiboye

PhD Program: Biomedical Engineering

Research Topic: Effects of hand posture and volitional state on motor cortical force representation in Individuals with tetraplegia

Undergrad: Washington University in St. Louis



## Nathaniel Robinson

MSTP Year: M3

Email: [njr25@case.edu](mailto:njr25@case.edu)

Mentor: William Schiemann

PhD Program: Pathology/Cancer Biology

Research Topic: Function of SLX4-interacting protein (SLX4IP) in breast cancer

Undergrad: The Ohio State University



## Yorlenny Vicioso

MSTP Year: M3

Email: [ymv@case.edu](mailto:ymv@case.edu)

Mentor: Reshmi Parameswaran

PhD Program: Pathology/Cancer Biology

Research Topic: A role for NF- $\kappa$ B c-REL in regulating NK cell anti-tumor functions

Undergrad: SUNY Stony Brook

M4



Awuri Asuru

MSTP Year: M4

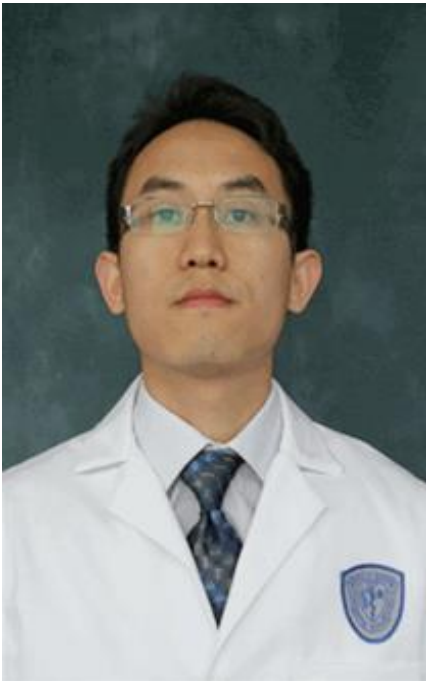
Email: axa662@case.edu

Mentor: Mark Chance

PhD Program: Systems Biology & Bioinformatics

Research Topic: Applications of X-ray hydroxyl radical footprinting

Undergrad: University of Alabama



Stevephen Hung

MSTP Year: M4

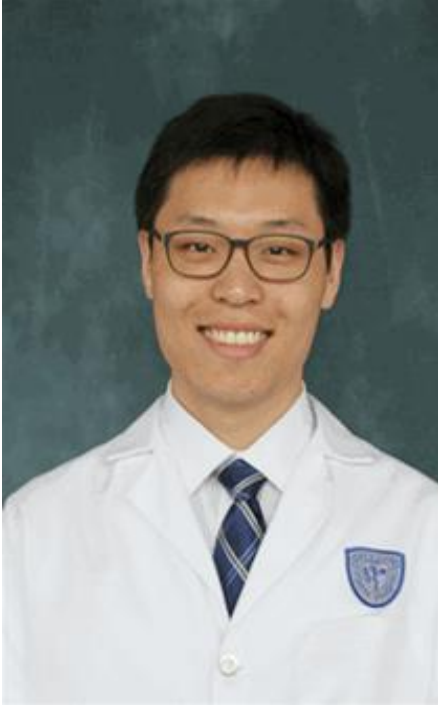
Email: sxh615@case.edu

Mentor: Peter Scacheri

PhD Program: Genetics & Genome Sciences

Research Topic: Genetic determinants of enhancer activation in human colorectal cancer epigenomes

Undergrad: University of Maryland



Leo Kim

MSTP Year: M4

Email: [jyk29@case.edu](mailto:jyk29@case.edu)

Mentor: Jeremy Rich

PhD Program: Pathology/Cancer Biology

Research Topic: Differential expression and regulation of the ACSS gene in Glioblastoma multiforme

Undergrad: Princeton University



John Li

MSTP Year: M4

Email: [jxl1344@case.edu](mailto:jxl1344@case.edu)

Mentor: Julian Stelzer

PhD Program: Physiology & Biophysics

Research Topic: Examining the efficacy of MyBPC based therapies in mouse models of cardiomyopathies

Undergrad: University of Maryland



Evelyn Ojo

MSTP Year: M4

Email: [exo54@case.edu](mailto:exo54@case.edu)

Mentor: David Wald

PhD Program: Pathology/Cancer Biology

Research Topic: Understanding the mechanisms that modulate the cytotoxicity of NK cells

Undergrad: University of Maryland – Baltimore County



Colin Stomberski

MSTP Year: M4

Email: [cxs374@case.edu](mailto:cxs374@case.edu)

Mentor: Jonathan Stamler

PhD Program: Biochemistry

Research Topic: Molecular mechanism and metabolic function of the S-nitroso-coenzyme A reductase AKR1A1

Undergrad: Washington University in St. Louis



## Gloria Tavera

MSTP Year: M4

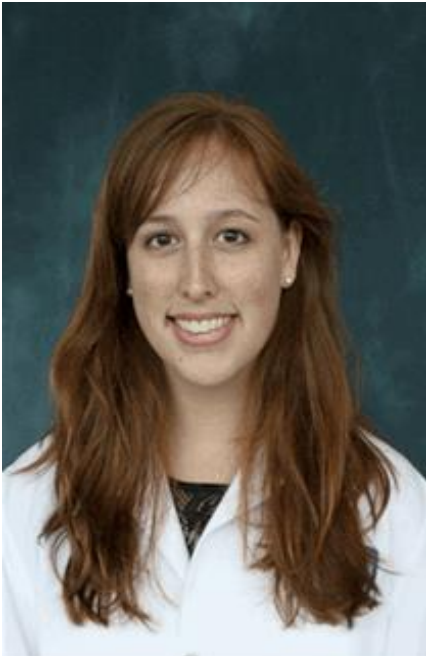
Email: [grt12@case.edu](mailto:grt12@case.edu)

Mentor: Scott Williams

PhD Program: Clinical Translational Science

Research Topic: Helicobacter pylori genetic variation and gastric disease

Undergrad: University of Florida



## Sarah Taylor

MSTP Year: M4

Email: [set45@case.edu](mailto:set45@case.edu)

Mentor: Mark Jackson

PhD Program: Pathology/Cancer Biology

Research Topic: Mutation of the protein phosphatase 2A A $\alpha$  subunit in high-grade endometrial carcinoma

Undergrad: University of Rochester