

2024 PC RTP Trainee Directory
JHU/UMB Current Trainees 2024-2025 Predoctoral



Shruti Anant

JHSOM MD/SPH
 MPH

sanant1@jhmi.edu

Research Interests:

global ophthalmology,
 diabetic retinopathy,
 corneal
 transplantation,
 refugee health



Preetham Bachina

JHSOM MD/BME
 MSE

pbachin1@jhmi.edu

Research Interests:

machine learning
 driven approaches to
 optimize the clinical
 workflow and reduce
 healthcare
 disparities, in
 radiology



Krista Chen

JHSOM MD/SPH MPH

kchen116@jhmi.edu

Research Interests:

immune oncology,
 cancer genetics,
 health navigation,
 legal and financial
 barriers to care



**Rebecca (Singer)
 Cohen**

JHSON DNP/PhD

rsco@jhu.edu

Research Interests:

children with medical
 complexity, human-
 centered design
 methodologies, mixed
 methodologies, health
 policy, emergency
 medical services



Tran Dang

JHSOM MD/SPH
 MPH

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Research Interests:

healthcare
 accessibility and
 equity, dermatology
 and environmental
 health



Aurora Grutman

JHSOM MD/SPH
 MPH

agrutma1@jhmi.edu

Research Interests:

sexual medicine,
 urology,
 infectious disease



Marcus Henderson

JHSON PhD

mhende35@jhu.edu

Research Interests:

adolescent Mental
 Health, Social
 Determinants of
 Mental Health.



Emma Jagasia

JHSON DNP/PhD

ejagasi1@jhu.edu

Research Interests:

pediatric critical care,
 developmental delays
 and survivors of
 domestic violence



Arjun Menta

JHSOM MD/CBID
MSE

arjun.menta@jhmi.edu

Research Interests:
Neurosurgery +
Biomedical Innovation



Siam Muquit

JHSOM MD/SPH
MPH

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Research interests:
health inequities in
primary care
cardiovascular
disease
outcomes/obesity
medicine

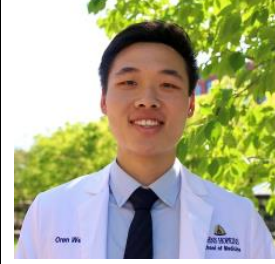


Saket Myneni

JHSOM & SPH
MD/MPH

smyneni1@jhmi.edu

Research Interests:
neurosurgery, neuro-
oncology, quality of
life, trauma, brain
tumors, trigeminal
neuralgia



Oren Wei







JHSOM MD/CBID MSE

owe1@jhmi.edu

Research Interests:

Facial movement
analysis; Medical
imaging computation;
Precision medicine

UMB Current T32 Trainees 2024-25

Post-doctoral Trainees			
 Douglas Tran, MD	Integrated Cardiothoracic Surgery Resident, Department of Surgery University of Maryland School of Medicine <u>email:</u> douglas.tran@som.umaryland.edu Project Title: "Allogenic Re-cellularized Orthotopic Transplantation". Year 2	 Suh Hee Cook, MS, PhD	Post-doctoral Fellow Fischell Department of Bioengineering, University of Maryland College Park <u>email:</u> suhheecook@som.umaryland.edu Project Title: "Leveraging biomaterials for immunoengineering". Year 1
Pre-doctoral Trainees			
 Mary Hackbarth, MS	MD/PhD Student Department of Otorhinolaryngology, Medical Scientist Training Program, and Graduate Program in Biochemistry and Molecular Biology University of Maryland School of Medicine <u>email:</u> mary.hackbarth@som.umaryland.edu Project Title: "Elucidating the role of PCDH15 in the retinal pigment epithelium".	 Alexander Laurenson	MD/PhD Student Center for Vaccine Development and Global Health, Medical Scientist Training Program, and Graduate Program in Molecular Microbiology and Immunology University of Maryland School of Medicine <u>email:</u> al Laurenson@som.umaryland.edu Project Title: "In Silico Prediction of Plasmodium falciparum Epitopes as Vaccine Candidates".
 Katherine Pizano	PhD Student Neuroscience and Cognitive Science Doctoral Program University of Maryland College Park <u>e-mail:</u> kpizano@umd.edu Project Title: "Investigating the role of PACAP in retinorecipient circuits".	 Darby Steinman	PhD Student Engineering/Fischell Department of Bioengineering, University of Maryland College Park <u>e-mail:</u> darbyste@umd.edu Project Title: "Bacterial extracellular vesicles as mediators of placental functions".