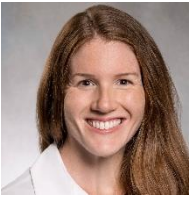


MGB Pathology Fellowship Programs

Cytopathology

Dale Davis, MD, MS



Originally from Maryland and Pennsylvania, I completed my undergraduate and graduate studies in archaeology at Cornell. Following this, I moved to Portland, Oregon and worked as a 911 dispatcher before attending medical school at Oregon Health & Science University where I also completed a post-sophomore fellowship in pathology. I completed AP/CP residency this summer at Brigham & Women's Hospital, where I am excited to stay for cytopathology and dermatopathology fellowships over the next two years.

Hannah Huang, MD, MS



I was born and raised in China, where I earned my MD at Zhongshan School of Medicine, Sun Yat-sen University in Guangzhou, and an MS in Clinical Pharmacology at Peking Union Medical College in Beijing. During my master's studies, I developed solid knowledge in mass spectrometry and gained valuable phase I clinical trial research experience, which helped shape my translational research approach.

I completed an Anatomic Pathology residency at Harbor-UCLA Medical Center in Los Angeles, where I received robust training in diagnostic pathology and cultivated a passion for precision oncology. Currently, I am concluding a Molecular Genetics Pathology fellowship at Stanford University, where I have honed my diagnostic skills through high-volume, hands-on experience with next-generation sequencing, with additional exposure to methylation profiling and whole genome sequencing. This diverse background enriches my approach to cytopathologic evaluation.

I am excited to join the Cytopathology Fellowship at Massachusetts General Brigham, Harvard Medical School, where I look forward to integrating my molecular diagnostic expertise with cytopathologic evaluation to advance personalized patient care and precision medicine research. Outside of the lab, I enjoy spending time with my family, as well as biking, photography, and cooking, and I'm eager to explore all that Boston has to offer.

Nathalie Simoes, MD



I was born and raised in Venezuela in a Portuguese family. I completed my medical degree at the Universidad Central de Venezuela and fulfilled a rural service requirement before moving to the United States to pursue advanced training. In the U.S., I studied Healthcare Management and worked in clinical research at the University of Miami Hospital. I completed my AP/CP residency at Dartmouth-Hitchcock Medical Center, where I developed a strong interest in Cytopathology. I'm excited to move to Boston to begin my Cytopathology fellowship and to experience life in the city. I enjoy watercolor painting, cycling, hiking, visiting museums, and exploring new places and cultures.

Dina Zenezan, MBBCh



I grew up in Port Said, Egypt, a beautiful city on the Suez Canal. I graduated from Suez Canal University School of Medicine and pursued my passion for pathology by joining the Anatomic Pathology residency at the same academic institution.

I relocated with my family to the United States, where I joined the Anatomic and Clinical Pathology residency at Temple University Hospital in Philadelphia. I am now thrilled to continue my journey in cytopathology, my favorite subspecialty, by joining the Mass General Brigham Cytopathology Fellowship Program. Outside of work, I love singing, cooking, and ice skating.

Dermatopathology

Emily Hartsough, MD



I'm originally from Minnesota and went to Arizona State University for college to study Biology and Animation. I returned to the University of Minnesota for medical school and fell in love with the field of Pathology during my post-sophomore fellowship year, but also developed an interest in Dermatology while working in a Dermatology clinic. During residency at MGH, I further cultivated an interest in Hematopathology and cutaneous lymphomas. My hobbies outside of work are cooking, drawing, and exploring new areas/restaurants in Boston!

Mack Su, MD, PhD



I was raised in St. Louis, Missouri and attended Yale University as an undergraduate. I subsequently enrolled in the MD-PhD program at Harvard Medical School and completed my graduate studies in Biophysics with David Fisher studying melanoma immunotherapy and hair follicle biology. I remained in Boston for internship at Brigham and Women's Hospital followed by dermatology residency in the Harvard Combined Dermatology program. I am excited to continue my training as a dermatopathology fellow. My clinical and research interests are in melanocyte and melanoma biology, cutaneous lymphoma, and hair loss.

Hematopathology

Ioana Capa, MD



I grew up in Michigan and Romania. Before entering medical school, I studied art in New York City and worked as an art educator and at a literary magazine. I completed a postbaccalaureate premedical program at Columbia University and attended medical school at Columbia University, as well. In medical school, I was involved in multiple volunteer clinics. My family and I then moved to Boston, where I completed a residency in anatomic and clinical pathology at Brigham and Women's Hospital. Currently, I am a hematopathology fellow at MGB. I love exploring the outdoors, reading, and spending time with friends.

Tom Harrington, MD



I grew up in Central New York where I developed a lifelong muscle memory for shoveling snow (the plow always comes right when you're finished!) and perfect donut technique in an 80s Volvo brick. After attempting and failing at alternate timelines, I eventually found myself in medicine pursuing the field of Pathology. My residency training took me to the sunny South where I ate an obscene amount of oysters (mostly prior to my Micro rotations), learned why people have car window tint, and became drawn to the subspecialty of Hematopathology. I am excited to be in Boston for fellowship training! Outside of work, I like to explore the many parks and neighborhoods around town with my family, scope out deals at Costco and might even try to catch a game at Fenway!

Haluk Kavus, MD



I grew up in a small rural village in Kadirli, Turkey, before moving to Ankara, the capital city, to attend medical school at the Gulhane Military Medical School. After graduating, I worked as a general practitioner for two years and began my Medical Genetics residency at the Gulhane School of Medicine. During my residency, I spent a month observing CRISPR experiments at the University of Manchester. Additionally, I completed a year of research and PhD courses in Molecular Biology and Genetics at Bilkent University.

Upon finishing my medical genetics residency, I moved to the United States and conducted two years of research in the molecular genetics department at Columbia University in New York. I then completed my anatomic and clinical pathology residency at Geisinger Medical Center, where I further developed my clinical and research interests in Hematopathology and Molecular Pathology.

I am excited to be in Boston for my Hematopathology fellowship, where I plan to focus my research efforts on myeloid neoplasms associated with germline predisposition and underlying molecular changes in hematolymphoid disorders. My hobbies include watching Formula 1 races, hiking, and enjoying outdoor activities with my family. I look forward to exploring Boston's historical and cultural scene!

Derek Loneman, MD



I grew up in central Iowa, attending Iowa State University for undergrad, where I studied biochemistry and developed an interest in metabolomics. After graduation, I continued as a staff researcher within an NSF research thrust exploring production of bio-renewable petrochemical alternatives. During that time, my interest shifted to practical application of scientific principles to human disease, and I received my MD from Case Western Reserve University (CWRU). At CWRU I studied immunophenotypic characterization of gamma/delta T cells by flow cytometry, an experience which directly influenced my decision to pursue training in pathology, and hematopathology. I completed my AP/CP training at Massachusetts General Hospital and am excited to continue my training at Mass General Brigham as a hematopathology fellow. Outside of work, I enjoy spending time with my wife and daughter, often exploring Boston and the surrounding area.

Nadan Padmanabha, MBBS



Nandan joins us after completing his AP/CP residency at Beth Israel Deaconess Medical Center, where he also served as AP chief resident. Now pursuing a fellowship in hematopathology, he is particularly interested in CAR-T resistance in relapsed lymphomas and genomic alterations in myeloid neoplasms.

He earned his medical degree from Kasturba Medical College in Mangalore, India, where his research spanned diverse topics, from HPV immunization rates among medical students to the cytologic interpretation of CT-guided pancreatic aspirates and the role of vitamin D in metabolic derangements. Outside the hospital, Nandan enjoys reading non-fiction, cooking plant-based dishes, and exploring the great outdoors!

Miekan Stonhill, MD



I grew up in Southeastern Idaho before moving to Utah for undergrad and med school. I took a chance and came to Boston for residency at MGH- my first time visiting Boston was the day I moved here! During residency, I developed clinical and research interests in hematopathology (particularly lymphomas- ask me about my spleen collection) and am excited to further develop them in fellowship. My hobbies include cooking, reading, gardening, collecting antiques, and aquarium keeping, and I'm always looking to try interesting new foods!

Molecular Genetic Pathology

Avash Das, MBBS, PhD



After finishing my medical school from NRS Medical College, India, my scientific journey continued at the Cardiovascular Research Center at Massachusetts General Hospital/Harvard Medical School before the completion of my PhD at UT Southwestern Medical Center. My research explored the genetic and molecular mechanisms of metabolic and cardiovascular diseases. Physician-scientist by training, I aim to leverage my basic science skillset and amalgamate it with clinical skills towards a translational objective. My research interest rests at the intersection of metabolism and genetics, to realize their potential for diagnostics and therapeutics. I enjoy spending time with my wife, learning about the history of medicine, visiting museums and finding relaxation through cooking.

Melissa Gildenberg, MD, PhD



I grew up in the suburbs of Detroit and went to the University of Michigan where I studied Biochemistry as an undergrad. I then moved to Iowa City where I received my MD and PhD through the University of Iowa's MSTP. In grad school I studied the structure and function of a DNA repair protein called Rad5 and really developed my love for structural biology. After finishing medical school, I moved to Boston to start my training as an AP/CP resident at BWH. I am super excited to be staying in Boston as an MGP fellow at MGB! My hobbies include spending time with my dog, kayaking, painting, and exploring Boston!

Jonathan Young, MD, PhD



I grew up in Tampa, Florida and earned my undergraduate degree in microbiology at the University of Florida. I then moved to Texas, where I would spend many years, starting with a PhD in the Computational Science, Engineering and Mathematics program at the University of Texas at Austin. My experience there led me to pursue medical school. After defending, I moved to a lab in the chemistry department and spent a rewarding year working on machine learning applications in mass spectrometry before starting medical school at Texas Tech University. During a summer research program at Memorial Sloan Kettering, I found a mentor who would ultimately lead me to pathology. I completed my anatomic pathology residency at BWH/MGB, where I also did an intercalated fellowship in hematopathology. I am currently in the lab of Gabriel Griffin at DFCI working on nanopore sequencing for leukemia diagnosis. My hobbies/interests include motorsport (especially Formula 1), electronic music, art museums, and spending time with my wife.

Neuropathology

Elizabeth Conner, MD, MPH



Elizabeth C. Conner, MD, MPH is currently a neuropathology fellow at Massachusetts General Hospital. She grew up in Sevierville, TN and completed her undergraduate degree at the University of Tennessee, where she also received a Master of Public Health degree with a focus on community health education and epidemiology. While applying to medical school, Elizabeth worked on clinical research at Vanderbilt University Medical Center. She completed her medical training at the University of Tennessee Health Science Center and completed her anatomic pathology training at Massachusetts General Hospital. Elizabeth enjoys attending musicals, plays, and the symphony and has enjoyed exploring the arts scene in Boston.

Alicia Kenyon, MD



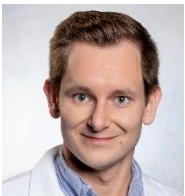
I am from Wayne, Pennsylvania, a suburb of Philadelphia, and attended Bryn Mawr College for undergraduate school where I majored in biology and minored in anthropology. I lived in Philadelphia while I attended medical school at Sidney Kimmel Medical College at Thomas Jefferson University. During medical school, I became interested in neuroanatomy, neurology, and the pathophysiology of disease. Ultimately, I decided to pursue neuropathology, as the field encompassed all my interests. I matched into AP/NP at Mass General Brigham, and I am very excited to begin my neuropathology fellowship. My hobbies include painting landscapes and pet portraits, crafting, and antiquing.

Marshall Lukacs, MD, PhD



I grew up in Ohio and pursued Biochemistry and Evolutionary Biology at Case Western Reserve University. I worked for a few years at NIAID/NIH on primary immunodeficiencies/XMEN disease. I then completed my MD/PhD at University of Cincinnati with my PhD focus on post-translational modifications in brain development. I came to Boston for residency in Pathology at BWH and chose to pursue a Neuropathology fellowship. I currently work on identifying new genes involved in grey matter heterotopias in children. I like to design, sew, read & love retro gaming.

Denis Smirnov, MD, PhD



I was born in Yaroslavl, Russia, and moved to Seattle before the age of 10, where I spent most of my formative years. I completed my undergraduate studies at the University of Washington, where I developed a passion for neuroscience. This led me to pursue a combined MD/PhD program at the University of California, San Diego, in sunny Southern California. My research focus is on the clinicopathologic relationship in Alzheimer's disease and related dementias, as well as the development of novel fluid biomarkers and diagnostic approaches. Currently, I am completing my clinical training as a neuropathology fellow at Mass General Brigham and continuing to pursue my research interests in the vibrant research community in Boston. Outside of my professional life, I enjoy scuba diving, kayaking, and spending time at the dog beach with my Great Dane.

Transfusion Medicine

Daniel Chang, MD, PhD



I grew up in the Tampa Bay area and attended Emory University and Georgia Tech for my MD/PhD. My PhD work focused on CD8 T cell differentiation and memory formation in settings of chronic antigenic stimulation (chronic viral infections, and cancer). I completed my clinical pathology residency at MGB, and am excited to be sticking around for the transfusion medicine fellowship. I am also conducting post-doctoral research in human immunology at the Ragon Institute. I am broadly interested in dissecting how T cells adapt to HIV, HCV, HBV infections, and cancer, and how we can harness these adaptation mechanisms to develop novel immunotherapies, particularly cellular therapies. I am also fascinated by immune tolerance and alloimmunization. Outside of science and medicine, I enjoy going to the gym, running, sailing, hiking, skiing, eating, and traveling the world.

Aswath Chandrasekar, MBBS



I grew up in the southern-most state in India, Tamil Nadu, before moving to Mangalore, Karnataka, where I attended medical school at K.S. Hegde Medical Academy. Following graduation, I did a three-year post-doctoral fellowship in HIV/Immunology at the Mayo Clinic before applying to residency. I completed a residency in AP/CP at the Mayo Clinic in 2025, having also spent a year training at UNMC in Omaha, and had the opportunity to serve as chief resident for the Mayo Clinic program. I am excited to be moving to Boston for my fellowship in Blood Bank and Transfusion Medicine! In my free time I love playing tennis and following both Tennis and Soccer. Music is a very serious passion of mine; I play the guitar and sing and enjoy writing original music. I am also an avid reader and love pursuing the random Wikipedia rabbit hole.

Sam Pakyari, MD, PhD



I came to Boston after completing my Ph.D. at UBC, where I focused on the immunology of wound healing and immune cell engineering. I then joined the Reconstructive Transplantation Laboratory at MGH as a postdoctoral fellow. Subsequently, I completed my residency in Anatomical and Clinical Pathology at Brigham, during which I developed a strong interest in molecular diagnostics. I recently finished a Molecular Genetic Pathology fellowship at Mass General Brigham, where my research focuses on developing molecular diagnostics, and next-generation cellular therapies, particularly CAR-T cell approaches for autoimmune conditions. In this role, I was fortunate to serve as a co-investigator on several exciting projects. I am passionate about translating laboratory discoveries into clinical applications and look forward to contributing to the future of molecular pathology and transfusion medicine. Outside of medicine, I enjoy martial arts, playing tennis, and astrophotography. I am grateful to be part of the vibrant academic community in Boston and am committed to advancing both clinical and translational research in my field.

Max Roth, MD

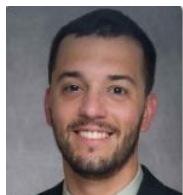


I attended Albert Einstein College of Medicine in The Bronx, NY, and completed my residency in Anatomic and Clinical Pathology at The Massachusetts General Hospital, Boston, MA. My research interests include information systems, hematology, and systems biology. My hobbies include puzzles, cooking, and spending time with friends and family.

MGH Pathology Fellowship Program

GI Signout

Nicholas Caldwell, MD



I grew up in Southwest Florida prior to moving to Wisconsin for undergrad at the University of Wisconsin in Madison. I then completed medical school at the University of Iowa Carver College of Medicine. During medical school, I also completed a year as a Post-Sophomore Fellow within their Department of Pathology. I moved to Boston in the summer of 2022 for anatomic pathology residency, where I found my interest in Gastrointestinal Pathology. I enjoy swimming, cycling, cooking, and trying new restaurants!

Medical Microbiology

Lauren Donnelly-Morell, MD, PhD



I grew up in Burlington, Vermont, where my interest in microbiology and medicine first began. I remained close to home for my undergraduate studies, earning a Bachelor of Science in Microbiology from the University of Vermont. During that time, I conducted research in the laboratory of Dr. Aimee Shen, focusing on the mechanisms of sporulation and spore germination in *Clostridioides difficile*.

I subsequently moved to Boston to complete my MD/PhD through the Medical Scientist Training Program at Tufts University School of Medicine. My doctoral research expanded on my interest in *C. difficile*, utilizing fluorescent transcriptional reporters to study virulence and transmission gene expression during infection.

I am currently completing the Clinical Microbiology Fellowship at Massachusetts General Hospital, intercalated within Clinical Pathology Residency at Mass General Brigham. During residency, I have also conducted postdoctoral research in the Bhattacharyya Lab, investigating mechanisms of carbapenem resistance, with a particular focus on translating these findings to inform diagnostic practices in clinical microbiology. Through the fellowship, I am excited to gain a clinical perspective within medical microbiology. I am looking forward to gaining experience in laboratory operations, with a focus on developing quality improvement initiatives aimed at enhancing diagnostic algorithms and patient care.

Outside of work, I enjoy spending time outdoors! My hobbies include hiking with my Golden Retriever, Gracie, cross-country skiing, sailing in Boston Harbor, and playing golf with my family.

Clinical Informatics

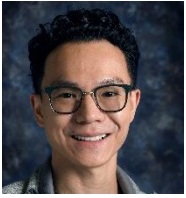
Erik Holbrook, MD, MS



I am from the “hay” capital of the world: Inola, Oklahoma. As an undergraduate, I attended the University of Oklahoma where I majored in Computer Science and Mathematics. I then spent several years in Boulder, Colorado doing research in machine learning and artificial intelligence. After finishing my Master's degree in Computer Science, I returned to Oklahoma City to attend medical school at the University of Oklahoma. I am thrilled to come to the east coast and pursue Clinical Informatics fellowship. My primary research interests are in natural language processing and substance misuse syndromes. In my free time, I like to play video games late into the night and play experimental jazz guitar when I'm not relaxing with my spouse and dog.

Selective Pathology

Stefan Andrianus, MD



I earned my medical degree in Medan, North Sumatra, Indonesia, where I was born and raised. I subsequently moved to the United States to complete my residency in Anatomic and Clinical Pathology at the Hospital of the University of Pennsylvania in Philadelphia. Following residency, I completed a fellowship in Cytopathology at the same institution. I am excited to be joining the Massachusetts General Hospital Pathology Department as a Selective Surgical Pathology Fellow, where I will focus on Head and Neck as well as Breast Pathology. Outside of medicine, I am passionate about health and wellness. I enjoy traveling and exploring new cultures, experimenting with new recipes in the kitchen, and staying active through weightlifting and fitness.

Dana Hariri, MD



I grew up in Arizona where I did my undergrad and medical school at the University of Arizona. I then worked as a teacher for a few years teaching high school students science and math. I have always loved teaching and have become avid in helping my peers learn pathology. My research is mostly in bone and soft tissue which has been my passion in pathology since medical school. My hobbies include hiking, video games, logic puzzles and hanging out with friends. I have a family in Boston and am looking forward to enjoying my fellowship in this wonderful city.

Krisztina Lengyel, MD



I was born in Budapest, Hungary where I attended medical school. Following that, I worked in the UK in clinical medicine where I gained insight into a variety of clinical subspecialties. I came to the US to complete my residency training in pathology at Emory University in Atlanta, GA. In my free time, I enjoy hiking and exploring the beautiful nature that the US has to offer, as well as working my way around the culinary scene in the cities I visit.

Ting Zhao, MD



I received my medical training at a prestigious institution in China. After graduation, I pursued medical and pathological research at Massachusetts General Hospital and the University of Michigan before beginning my residency at Massachusetts General Hospital. My research interests focus on genitourinary and molecular pathology/medicine, and I have authored 28 peer-reviewed journal articles, including 13 as the first author. In recognition of my work, I was honored with a stipend award from the International Society of Urological Pathology (ISUP) in 2024. Beyond medicine, I enjoy jogging, listening to music, and watching TV dramas. Recently, I have also developed an interest in PathTwitter (@TingZhaoPathdoc).

BWH Pathology Fellowship Programs

Breast

Andrew Berman, MD



Hailing from the hamlet of Port Henry, NY (population 1,403) in the Adirondack Mountain range, Andrew “Drew” Berman is the grandson of Eastern European immigrants and a first-generation college/medical school graduate. He is overjoyed to have the opportunity to subspecialize in breast pathology at the Brigham and Women’s Hospital and learn from some of the world’s greatest residents, fellows, and faculty.

Feidi Chen, MD, PhD



I earned my MD from Guangzhou Medical University in China, and my PhD from University of Texas Medical Branch at Galveston. After completing my residency at Beth Israel Deaconess Medical Center (just across the street), I am excited to begin my breast pathology fellowship. I have a cat and a passion for toy collecting!

Mariel Molina Nunez, MD



I grew up in Valencia, Venezuela where I completed medical school at "Universidad de Carabobo" earning an M.D degree. I worked as a histology tutor for my Medical School for 5 years. I served a year as a primary care physician in my home country. I completed an anatomic and clinical pathology training at the Medical College of Wisconsin in Milwaukee. I was involved in multiple committees throughout my residency training, including the DEI and the chair of the underrepresented in medicine committee. Additionally, I was a member of the Ethics and Professionalism committee for the College of American Pathologists. I also completed a Selective Surgical Pathology Fellowship at the Mayo Clinic in Rochester. On a personal note, I enjoy hiking with friends, watercolor/acrylic pour painting, and restoring old wood furniture pieces.

Gastrointestinal

Pu Ni, MD



My journey in the U.S. began with pursuing a master's degree in medical genetics, followed by a few years of translational research at Indiana University. I then completed AP/CP residency training at Mount Sinai West Hospital in New York. During residency, I developed my passion for GI and Liver Pathology, which I am eager to further explore during my fellowship at MGB. I look forward to honing my diagnostic skills and engaging in further research opportunities. Outside of work, I enjoy indoor climbing with my husband and am excited to venture into more outdoor activities in Boston.

Deepinder Sharma, MD



I was born in India and came to Canada with my family in middle school. I completed by H. BSc in Molecular Biology and Genetics program following by a M.Sc. degree in Microbiology basic science research at McMaster University, Hamilton, Canada. Following this, I completed medical school at University of Ottawa School of Medicine, Ottawa. This was followed by Anatomical Pathology residency at University of Ottawa/The Ottawa Hospital from 2020 to 2025. All these years I have fallen in love with the field of diagnostic pathology. I am very excited for my GI pathology fellowship in Boston and explore the city! During my free time, I like to engage in endurance running, resistance training, and spending time with family, friends, and pets!

Genitourinary

Cesar Torres Gutierrez, MD



I grew up in Puerto Rico, where I did undergrad before attending medical school at the University of Puerto Rico Medical Sciences Campus. I then completed my anatomic and clinical pathology residency at Brigham and Women's Hospital, where I further developed my interest in genitourinary pathology. My hobbies include reading, exercising, and playing board games.

Ramya Prabhu, MD



I grew up in the Quad Cities prior to moving to Chicago for college and medical school at the University of Illinois at Chicago. I completed anatomic pathology residency at Brigham and Women's Hospital in 2024 and am staying to complete both renal pathology and genitourinary pathology fellowships. I have research and clinical interests in transplant as well as kidney tumors. I also have an interest in education with many years of tutoring experience as well as teaching experience at HMS through the Health Sciences & Technology histology course as well as the course specific to renal pathology.

Laboratory Genetics & Genomics

Eirini Christodoulou, PhD, MSc



Originally from the Mediterranean island of Cyprus, I've traveled around the world since I was 18 to pursue a career as a medical geneticist. My first stop was at Swansea University in the UK, where I majored in Biological Sciences for my undergraduate studies, followed by a postgraduate program in Cancer Research and Molecular Biomedicine at the University of Manchester. Intrigued by research and molecular genetics, I then moved to The Netherlands to pursue my PhD training in Cancer Genetics and Genomics at Leiden University Medical Center as part of a Marie-Curie Horizon 2020 scholarship program. While at my PhD position, I was an intern for a few months at the Wellcome Trust Sanger Institute in the UK, where I further developed my cancer genomics research skills. I then moved to the USA and enhanced my clinical skills by developing a diagnostic liquid biopsy test for pediatric solid tumor patients as part of my postdoctoral training program at Children's Hospital Los Angeles. I am now a clinical fellow in laboratory genetics and genomics at Brigham and Women's Hospital. In my free time, I enjoy going to the gym, skiing, hiking and exploring Boston with my husband.

Sadeem Qdaisat, PhD



I was born and raised in Jordan, where I volunteered at the King Hussein Cancer Center (KHCC) in Amman. It was there that I developed a passion for cancer research and medicine. I pursued my medical studies at the Jordan University of Science and Technology and transferred to Houston to complete my degree in Genetics at the UT MD Anderson Cancer Center.

I completed my clinical rotations at the University of Chicago Medical Center and gained valuable clinical experience at Mayo Clinic in Rochester, MN, and research and clinical experience at Baylor College of Medicine in Houston, TX. I then joined the University of Florida's Brain Tumor Immunotherapy Program, for my Ph.D. in Genetics and Genomics with a focus on Clinical and Translational Science. My research centered on developing targeted immunotherapeutic treatments for malignant brain tumors and designing novel mRNA-directed nanomaterials for both pediatric and adult brain and bone tumors.

Currently, I am pursuing my Genetics and Genomics Fellowship at Brigham and Women's Hospital/Pathology. My academic interests include genetics, genomics, cancer research, clinical and translational science, and global health.

Outside of my professional pursuits, I enjoy playing soccer, boxing, and the piano. I also have a passion for traveling, black-and-white photography, and exploring diverse cultures and cuisines.

Medical Microbiology

Mariko Peterson, MD, PhD



I grew up in northern Arizona and southern Minnesota before attending university at Iowa State, where I earned bachelor's degrees in microbiology and genetics and a master's degree in biochemistry. I attended medical school at Emory University in Atlanta, GA, where I earned an MD/PhD. While in Atlanta, I studied a zoonotic primate malaria which took me to Malaysia and CDC for my dissertation work. I completed my residency in Anatomic Pathology at Brigham and Women's Hospital, where I cultivated my love for infectious disease pathology and discovered a passion for gastrointestinal pathology. My hobbies include traveling, photography, quilting, painting, and gardening, and I love spending New England summers exploring with my friends!

Renal

Alcino Pires Gama, MD



Born and raised in Natal, Brazil, I earned my medical degree from Universidade Federal do Rio Grande do Norte. My interest in kidney diseases led me to São Paulo, where I completed internal medicine/nephrology residency at Universidade de São Paulo and subsequently practiced at Hospital Alemão Oswaldo Cruz. My commitment to the scientific advances in renal diseases took me to Université Laval in Québec, where I pursued a research fellowship in immunology of kidney transplantation.

Drawn by the precision of diagnostic medicine, I decided to transition my career to renal/genitourinary pathology - fields where I could integrate my clinical background with histopathologic findings. I completed my anatomic/clinical pathology residency at Northwestern University in Chicago, where I focused my research endeavors on medical education and kidney tumors.

Now, I am thrilled to take my next career step in Boston as a renal (2025-2026) and genitourinary (2026-2027) pathology fellow at Brigham and Women's Hospital/Mass General Brigham. This is a unique opportunity to acquire diagnostic and academic skills in these fields and further contribute to the pathology community.

Surgical

Andrew Allbee, MD, PhD



I grew up in Glen, NH, which is a tiny town near Mt. Washington. I attended Bartlett Elementary School and Kennett High School alongside my twin brother, Alex. Skiing, hiking, mountain biking, and music are among my top favorite things. I studied microbiology at Miami University, then spent two years nerding out at Cincinnati Children's Hospital as a lab tech studying developmental biology. I then completed med school along with a PhD in genetics at the University of Rochester SMD. I completed my AP/CP pathology residency training at the Hospital of the University of Pennsylvania before heading to Boston for hematopathology/surgical pathology fellowship. I'm fascinated by how organs/tissues develop and maintain themselves. I aim to devote my career as a hematopathologist/surgical pathologist to improving our understanding of organ development and homeostasis, particularly as it applies to diagnostics and therapy guidance. I hope to at some point get heavily involved with routine culturing of patient tumor samples in an effort to better understand tumor diversity, clonal evolution, and susceptibility to complex therapy regimens.

Benjamin Coiner, MD



I grew up in the Midwest and graduated from the University of Chicago before working in functional neuroimaging research at BWH. I then attended medical school at Vanderbilt University and completed residency in anatomic pathology at BWH where I found my interests in genitourinary, gynecologic, and soft tissue pathology. Outside of the hospital I like exploring New England and spending time with friends and family.

Ramya Narasimhan, MBBS



I grew up partly in Oman and then in India, where I also completed medical school at Kasturba Medical College, Manipal. I later moved to Rochester, Minnesota for a postdoctoral clinical research fellowship at the Mayo Clinic. It was there that I developed a passion for renal pathology, while also taking advanced biostatistics and clinical epidemiology courses through the Center for Clinical and Translational Sciences (CCaTS) at the Mayo Graduate School of Biomedical Sciences. During the pandemic, I pursued an MPH at Columbia University's Mailman School of Public Health, focusing on global health. I then completed my anatomic and clinical pathology residency at Boston University Medical Center and am now excited to begin my surgical pathology fellowship at Brigham and Women's Hospital, with a focus on renal, head and neck/endocrine, and soft tissue pathology. Outside of medicine, I enjoy reading fiction, creating art, and have recently taken up the ukulele. As a Boston local, I'm glad that I get to continue to grow in a city I now call home!

Thoracic

Kristen Brao, MD, PhD



I grew up outside Boston and attended Yale University for undergrad before joining the MSTP at University of Maryland, Baltimore. I completed my PhD in the molecular microbiology and immunology department studying biofilm-mediated infections. I joined the anatomic pathology residency program at Brigham and Women's Hospital, where I will be completing fellowship training in thoracic pathology and cytopathology.

Tissue Typing

Fang Li, PhD



I grew up in China and earned my BSc and MSc in Pharmacology from China Pharmaceutical University before moving to the U.S. for my PhD at the University of Tennessee Health Science Center. I then pursued postdoctoral training in immunogenetics at UCLA and St. Jude Children's Research Hospital. After working as a Project Scientist at UCLA and HLA Technical Supervisor at Cedars-Sinai, I am excited to join Brigham and Women's Hospital's Tissue Typing Laboratory as an HLA Director-in-Training, where I aim to develop expertise in compatibility testing and lab leadership to support successful transplantation. In my free time, I enjoy watching Chinese dramas and cooking.

Women's and Perinatal

Blake Flood, MD, PhD



I grew up in Illinois and went to the University of Illinois for college. I began studying biochemistry and working with yeast for basic science research. I then went to the University of Chicago for my MD/PhD work focused on tumor immunology. In medical school I fell in love with pathology and moved to Boston for the Mass General Brigham Pathology Residency. My hobbies include running, basketball, and all things tech!

Steven Smith, MBBS



Originally from Jamaica, I completed medical school at the University of the West Indies in Kingston before pursuing Anatomic and Clinical Pathology residency at Northwestern University in Chicago. During residency, I deepened my clinical and research interests in global health, gynecologic, and reproductive pathology. I look forward to further exploring the intersection of these interests during my fellowship. Outside of work, I enjoy cooking, attending jazz concerts, and playing the guitar.



Valentina Zanfagnin, MD

I grew up in Torino, Italy, where I attended medical school and completed residency training in OB/GYN at the University of Turin. After graduating from residency, I worked as a post-doctoral fellow in Translational Medicine at the Mayo Clinic of Rochester, MN. I then completed AP/CP training at the University of Southern California, Los Angeles, and moved to Boston for fellowship training in Selective Surgical Pathology and Women's and Perinatal Pathology. I like sketching and biking around the city!