



**HARVARD MEDICAL SCHOOL  
MINORITY FACULTY DEVELOPMENT PROGRAM  
2017-2019 TRAINING DIRECTORY**



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April 2017

Dear Student, Prospective Resident or Fellow:

Our office is proud to present this Training Directory which we hope will be useful to you in your search for training opportunities. The first section of the Directory briefly describes each of the Harvard-affiliated teaching hospitals and research facilities; a further section lists residency training programs by area of specialty.

Harvard Medical School and its affiliated hospitals and research institutions offer excellent residency opportunities in most medical specialties. Many of the area's leading hospitals are located within walking distance of each other and all are convenient to public transportation. In addition to its reputation for patient care, Boston is known as a center for biomedical research, education and training.

For those of you who may be seeking other training opportunities for post internship and residency, the Directory lists Office for Diversity Inclusion and Community Partnership fellowships and other training programs, as well as training and fellowship opportunities from Harvard Catalyst | The Harvard Clinical and Translational Science Center.

If you wish further information about the Harvard Medical School Office for Diversity Inclusion and Community Partnership, the Minority Faculty Development Program, or the Harvard Catalyst Program for Faculty Development and Diversity Inclusion, please contact our office at (617) 432-4422 or visit our website at <http://mfdp.med.harvard.edu/>.

Sincerely,

A handwritten signature in black ink that reads "Joan Y. Reede". The signature is fluid and cursive, with a long horizontal line extending from the end.

Joan Y. Reede, MD, MPH, MS, MBA

Professor of Medicine

Dean for Diversity Inclusion and Community Partnership

Director, The Program for Faculty Development and Diversity Inclusion, Harvard Catalyst | The Harvard Clinical and Translational Center

Harvard Medical School





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## BETH ISRAEL DEACONESS MEDICAL CENTER

East Campus, 330 Brookline Avenue, Boston, Massachusetts 02215, Phone: (617) 667-7000  
Website: [www.bidmc.harvard.org](http://www.bidmc.harvard.org)

Beth Israel Deaconess Medical Center (BIDMC) is a major teaching hospital of Harvard Medical School, renowned for excellence in patient care, medical education, biomedical research, and community service. BIDMC was established in 1996 with the merger of two neighboring Harvard teaching hospitals: Beth Israel Hospital (founded in 1916) and New England Deaconess Hospital (established in 1896). Today, BIDMC has more than one million patient encounters annually, including 40,217 inpatient discharges, and 682 licensed beds (473 medical/ surgical; 77 critical care; 60 OB/GYN). BIDMC is a designated Level 1 Trauma Center.

BIDMC is the heart of an integrated health care system that includes three affiliated hospitals serving Eastern Massachusetts: Beth Israel Deaconess-Needham (BID-Needham), Beth Israel Deaconess-Plymouth (BID-Plymouth), and Beth Israel Deaconess-Milton (BID-Milton). BIDMC also has clinical affiliations with Anna Jaques Hospital, Cambridge Health Alliance, Lawrence General Hospital, MetroWest Medical Center, Signature Healthcare, Beth Israel Deaconess HealthCare, Community Care Alliance, Atrius Health, Joslin Diabetes Center, New England Baptist Hospital, and Hebrew Rehabilitation Center.

BIDMC offers a robust medical education program, with more than 80 training programs for interns, residents and fellows; several of these are integrated with other Harvard-affiliated programs. The Center for Education and the Carl J. Shapiro Institute for Education and Research offer specialized programs in faculty development, simulation and skills training, and educational research for learners at all levels throughout the medical center and Harvard communities. Together, the Center for Education and the Shapiro Institute form the nation's most elaborate and productive resource housed within an academic medical center for the support of faculty committed to medical education.

BIDMC is home to a leading academic research program, and consistently ranks as a national leader among independent hospitals in National Institutes of Health funding. Our investigators lead more than 850 sponsored projects and more than 500 funded and non-funded clinical trials. BIDMC is a leader in "bench to bedside" translational research, with 264 principal investigators from across 13 clinical departments leading investigative work in a collaborative environment.

BIDMC employs more than 8,000 diverse employees, including more than 900 full-time staff physicians, 1,927 registered nurses, and 2,730 non-clinical staff. BIDMC is also the official hospital of the Boston Red Sox.



## BOSTON CHILDREN'S HOSPITAL

300 Longwood Avenue, Boston, Massachusetts 02115, Phone: (617) 355-6000  
Website: [www.childrenshospital.org](http://www.childrenshospital.org)

Boston Children's Hospital is one of the nation's largest pediatric medical centers, caring for children from across Massachusetts, throughout the United States, and around the world. Boston Children's is also a teaching hospital of Harvard Medical School, where most medical and scientific staff hold faculty appointments.

For more than 20 years, Boston Children's has been ranked among the "Best Children's Hospitals" in the nation by U.S. News & World Report, and has ranked #1 on that list the last 3 years running.

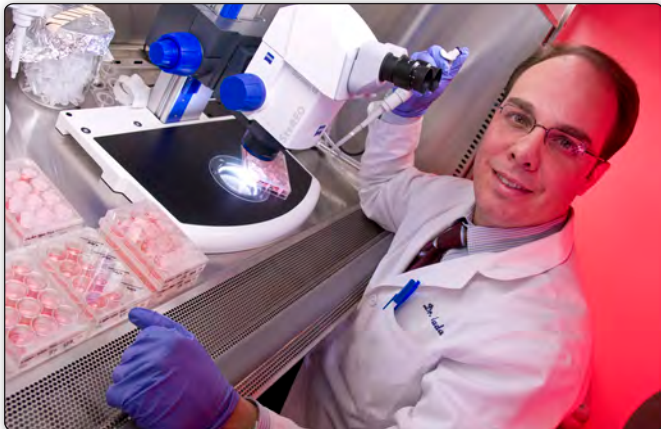
In 1996, Boston Children's and Boston Medical Center merged their pediatric residency programs to form the Boston Combined Residency Program in Pediatrics. The program emphasizes training in general pediatrics as the critical core of all pediatric care. Two tracks are offered: one is primary care, which emphasizes urban pediatrics, public policy and advocacy; the other is categorical, which emphasizes academic medicine and pediatric subspecialties. By training together, sub-specialists and primary care pediatricians will better appreciate the clinical issues each face. Boston Children's also participates in the Harvard Combined Medicine/Pediatrics Residency Program.

Founded in 1869 as a 20-bed hospital for children, Boston Children's today is a 404-bed comprehensive center for pediatric and adolescent health care grounded in the values of excellence in patient care and sensitivity to the complex needs and diversity of children and families.

Boston Children's is home to a 29-bed Medical/Surgical Intensive Care Unit, a 29-bed Cardiac Intensive Care Unit, a 24-bed Neonatal Intensive Care Unit, a 13-bed stem cell transplantation unit and an eight-bed clinical research center. Last year, Boston Children's recorded over 24,000 admissions, nearly 27,000 inpatient and ambulatory surgical cases, and more than 660,000 outpatient visits.

Boston Children's is also home to the world's largest pediatric research enterprise, where its discoveries have benefited both children and adults for over 100 years. More than 1,600 scientists, including nine members of the National Academy of Sciences, 11 members of the Institute of Medicine and 9 Howard Hughes Medical Institute investigators, are based in the John F. Enders Pediatric Research Laboratories, named for the Nobel Prize recipient whose research teams cultured the polio and measles viruses, the Karp Family Research Laboratories and the Center for Life Sciences. They're studying everything from the genetic causes of autism and the promise of stem cells and to the molecular basis of Alzheimer's and the reasons for blindness in premature infants.

The hospital's medical staff includes over 1,500 active medical and dental staff, and its house staff is composed of more than 500 interns, residents and clinical fellows and close to 700 research fellows.



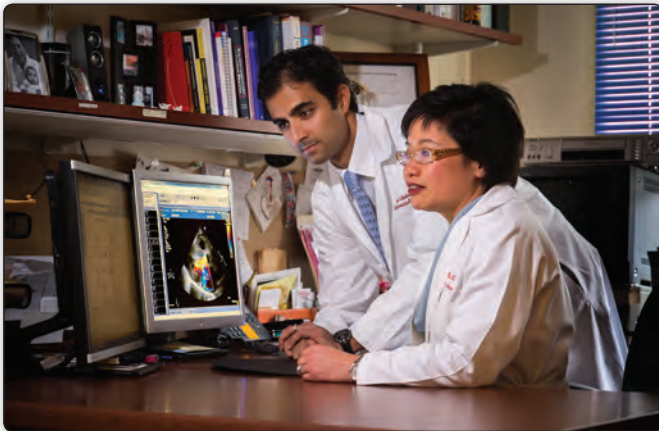


## BRIGHAM AND WOMEN'S HOSPITAL

75 Francis Street, Boston, Massachusetts 02115, Phone: (617) 732-5500  
Website: brighamandwomens.org

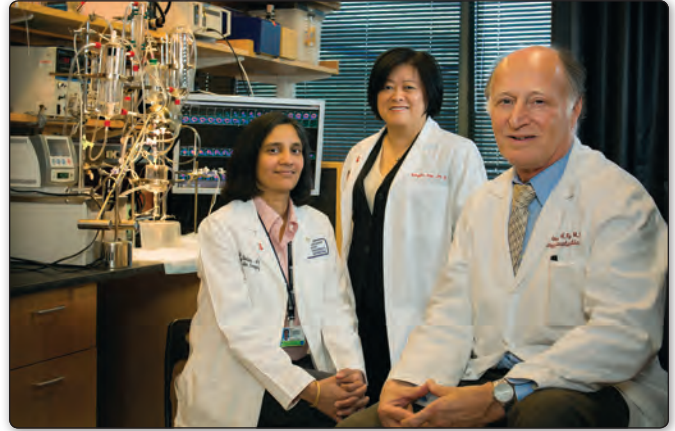
Recognized internationally for its excellence in patient care, outstanding reputation in biomedical research and commitment to education and training, Brigham and Women's Hospital (BWH) is a 763-bed teaching affiliate of Harvard Medical School located in the heart of Boston's renowned Longwood Medical Area. Along with its modern academic medical center, the clinical program includes a nearby community hospital and 150 ambulatory locations. These ambulatory locations range from major, multispecialty outpatient facilities in suburban locations, to urban community health centers, diagnostic services, and physician practices located throughout the Greater Boston area. BWH provides care to patients from throughout the US and from over 120 other countries in virtually every area of adult medicine.

Our programs include our renowned Heart & Vascular Center, Lung Center, Neurosciences Center, Orthopaedic and Arthritis Center, and Dana-Farber/Brigham and Women's Cancer Center - a collaboration with one of the world's leading cancer centers. We are also home to a Level 1 Trauma Center, a Level 3 NICU, and one of the world's leading women's health programs.



BWH has deep and rich roots in medicine that date back to 1832. Today's BWH was formed in 1980 with the unprecedented merger of three of Boston's oldest and most prestigious Harvard Medical School teaching hospitals: the Peter Bent Brigham Hospital, the Robert Breck Brigham Hospital, and the Boston Hospital for Women. BWH has a long history of life giving breakthroughs, including the world's first successful heart valve surgery, the world's first successful human organ transplantation, and the country's first full face transplantation. BWH has been recognized for 26 consecutive years by *US News & World Report* as one of America's Best Hospitals.

A top recipient of research grants from the National Institutes of Health - with a total research revenue of \$652 million and a



research staff of 1,104 research MD/PhD investigators and renowned biomedical scientists - BWH is internationally known for its clinical, translational, bench, and population-based research studies, including the landmark Nurses' Health Study, Physicians' Health Studies, and the Women's Health Initiative.

Our commitment to community service is expressed in two major channels. Locally in Boston, our Center for Community Health and Health Equity has successfully implemented programs aimed at reducing violence, improving birth outcomes, increasing rates of colorectal cancer screening, and advancing education opportunities for young people. On the global front, we have many initiatives: our Division of Global Health Equity in the Department of Medicine, Operation Heart in Rwanda and Operation Walk in the Dominican Republic, the Division of International Emergency Medicine and Humanitarian Programs in the Department of Emergency Medicine, and several global health fellowships, to name just a few.

BWH has over 48,000 inpatient discharges and over 1.2 million outpatient visits. Our medical staff (1,470 Physician FTEs) and trainees (1,543 Resident and Fellow FTEs) are supported by our Center for Faculty Development and Diversity, whose Office for Multicultural Faculty Careers is one of its pillar programs.

BWH is the flagship academic health center of Brigham Health, which also includes Brigham and Women's Faulkner Hospital, a community teaching hospital, and the Brigham and Women's Physicians Organization, with over 150 practices located around the greater Boston area. Brigham Health is a global leader, devoted to maintaining and restoring health for people everywhere. BWH is a founding member of Partners HealthCare System, the largest integrated delivery system in New England.



## CAMBRIDGE HEALTH ALLIANCE

1493 Cambridge Street, Cambridge Massachusetts 02139, Phone: (617) 665-1000  
Website: [www.cha.harvard.edu](http://www.cha.harvard.edu)

Cambridge Health Alliance (CHA) is an integrated, regional healthcare system with two acute hospitals and a network of primary care and specialty practices in Cambridge, Somerville, and Boston's metro-north communities.

As a Harvard Medical School affiliate, CHA offers residency and training programs in hospital and community settings and is home to the Harvard-Cambridge Integrated Clerkship, which uses an innovative longitudinal model to educate third year medical students.

CHA is similar to traditional hospital systems in that it has an emergency department with 100,000 annual visits (across three sites), inpatient care for medical/surgical and behavioral health, obstetrics and gynecology, and state-of-the-art radiology services - all linked using a system-wide electronic medical record. But it also has a unique community focus, placing special emphasis on primary care, behavioral health, immigrant health, wellness, and prevention.

Today, the system has more than 50 bilingual primary care providers, a robust interpreting team and award-winning linguistic programs. Its Haitian Mental Health Program was named the 2010 Schwartz Center Compassionate Caregiver of the Year and the system has been recognized by the American Hospital Association Institute for Diversity for excellence in cultural competency.

These efforts allow CHA to provide excellent care for its diverse patients in the clinical setting. But increasingly, CHA is working to bridge the gap between clinical care and community health. It does so by partnering with the community in unique ways – through its Departments of Community Health Improvement and Cambridge Public Health Department and by partnering with the Institute for Community Health. This allows CHA to promote healthy behaviors, advance community research, and forge linkages to further community health objectives. CHA uses a data-driven approach to identify and understand health disparities among its diverse patient populations and aims to develop targeted clinical and community strategies to improve health equity.

Leading these efforts are exceptional physician-teachers who are passionate about serving the underserved. They allow CHA to offer HMS residencies in internal

medicine, adult and child psychiatry, psychology, and podiatric surgery, an HMS transitional internship, and the Tufts family medicine residency. The faculty includes members of the HMS Academy, Harvard Macy scholars, the HMS Center for Primary Care, and multiple winners of the Harvard Dean's Community Service Award, A. Clifford Barger Excellence in Mentoring Award, and the HMS Faculty Prize for Excellence in Teaching.

As the health care industry continues to evolve, CHA is helping create new solutions to reduce costs, improve clinical outcomes, and further the health of populations. In 2010, it began developing an Accountable Care Organization to be a national model for publicly-funded providers.



By 2016, all twelve of its primary care practices were designated as Level III Patient-Centered Medical Homes by the NCQA and certified as patient-centered medical homes by the MA Health Policy Commission, recognizing excellence in behavioral health integration. CHA continues to incorporate this learning into its residency programs.

People who join CHA find an intellectually stimulating setting that is mission driven and cherishes diversity. They will be part of the only health system in the nation to hold formal teaching affiliations with Harvard Medical School, Harvard T.H. Chan School of Public Health, Harvard School of Dental Medicine, and the Tufts University School of Medicine.

CHA is proud of its academic mission and ability to pursue clinical excellence while developing new models of care and nurturing the next generation of clinicians to serve its communities.

## DANA-FARBER CANCER INSTITUTE

450 Brookline Ave, Boston, Massachusetts 02115, Phone (617) 632-3000  
Website: [www.danafarber.org](http://www.danafarber.org)



Founded in Boston in 1947, Dana-Farber Cancer Institute is world-renowned for its leadership in adult and pediatric cancer treatment and research. A principal teaching affiliate of Harvard Medical School and designated a Comprehensive Cancer Center, Dana-Farber is a pioneer in cancer care and research. It develops and disseminates innovative patient therapies and scientific discoveries throughout the world.

Through partnerships with adjacent institutions in Boston's Longwood Medical Area, Dana-Farber provides comprehensive care for adults and children with cancer. Adults are treated at Dana-Farber/Brigham and Women's Cancer Center and children and teens are cared for through the Dana-Farber/Boston Children's Cancer and Blood Disorders Center. Dana-Farber also has satellite locations and physician practices throughout the region.



Dana-Farber remains true to its founder, Sidney Farber, MD, and his vision of a cancer center that is equally dedicated to discoveries in cancer research as it is to delivering compassionate care. Through strategic investment in research, it supports scientific leaders and young investigators, acquires technology at the leading edge of cancer research, and ensures a spirit of collaboration and innovation.

### Dana-Farber At-A-Glance 2017

- Founding member of Dana-Farber/Harvard Cancer Center, one of 47 NCI-designated Comprehensive Cancer Centers in the U.S.
- A founding member of the Center for AIDS Research at Harvard Medical School
- One of 20 federally designated Centers for AIDS research
- The only hospital ranked in the top four nationally by U.S. News and World Report in both adult and pediatric cancer care
- 921 Clinical Trials
- 699 NIH-Sponsored Research Grants
- 565 Research Fellows
- 240 Principal Investigators
- 70 Clinical Fellows (adult and pediatric Oncology)

## HARVARD VANGUARD MEDICAL ASSOCIATES / ATRIUS HEALTH

133 Brookline Avenue, Boston, Massachusetts 02215, Phone: (617) 421-1000  
Website: [www.harvardvanguard.org](http://www.harvardvanguard.org)



Harvard Vanguard Medical Associates/Atrius Health is a non-profit, multi-specialty medical group practice providing care to more than 530,000 adult and pediatric patients at more than 25 offices across eastern Massachusetts. Its integrated, multi-disciplinary practices are among the highest rated in the state for clinical quality, and use a state-of-the-art electronic medical record and modern and efficient support systems. Harvard Vanguard/Atrius Health's physicians also collaborate with universities, hospitals and other organizations locally and nationally on a broad range of research studies focused on improving clinical practice and outcomes, evaluating the effectiveness of drug treatments and protocols, and increasing patient involvement in their care.



Harvard Vanguard/Atrius Health has a long-standing teaching mission and our clinicians are recognized as leaders and innovators in clinical education. Many Harvard Vanguard/Atrius Health clinicians act as teachers, preceptors, lecturers and tutors for HMS students and courses. HVMA/Atrius Health clinicians also serve as preceptors in a unique residency program in primary care and population medicine which is cosponsored by Brigham and Women's Hospital and the Department of Population Medicine at Harvard Medical School and the Harvard Pilgrim Health Care Institute. This innovative program features extensive ambulatory training at Harvard Vanguard/Atrius Health clinical sites, where each resident is paired with a preceptor and is integrated into a practice team in order to gain the clinical, analytical, and leadership skills to become outstanding primary care physicians and health systems leaders.



In addition to the opportunities above, Harvard Vanguard/Atrius Health physicians also teach residents and fellows at Beth Israel Deaconess Medical Center, Brigham and Women's Faulkner Hospital, Mount Auburn Hospital, Cambridge Hospital, Children's Hospital Boston, Joslin Diabetes Center, Mass Eye and Ear Infirmary and New England Baptist Hospital. Harvard Vanguard/Atrius Health offers a truly unique opportunity for training the next generation of health care providers.



## JOSLIN DIABETES CENTER

One Joslin Place, Boston, Massachusetts 02215, Phone: (617) 309-2400  
Website: [www.joslin.org](http://www.joslin.org)

The Joslin Diabetes Center, founded in 1898, is world-renowned for its deep expertise in diabetes treatment, education and research. A collaborative and integrated organization that fosters cutting-edge research and outstanding diabetes care, Joslin incorporates a strong research base of over 250 researchers and more than 30 research labs, and a busy clinic in a single facility. Its rich training environment derives not only from Joslin itself, but also from the many close ties and collaborations that Joslin maintains with Harvard Medical School and its affiliated hospitals.

### Research

Research within Joslin involves a wide variety of biologic disciplines ranging from the most basic model systems, to studies of pathophysiology in animal models and humans, to the evaluation of new therapies in patients. Joslin's Clinical Research Center supports a large number of clinical studies which translate many of the discoveries from the bench to clinical arena.



### Training

Given the complexity of this disease and associated syndromes, one of Joslin's core missions is to recruit dedicated and talented researchers into the diabetes and metabolism field, and train them in interdisciplinary approaches. One program funded by NIH, the Joslin Diabetes Center T32 Training Program in Diabetes and Metabolism, now in its 40th year, trains outstanding young scientists and physician/scientists in a rich, vibrant, and collaborative environment in which they are exposed to the many facets of diabetes, its underlying causes, and its complications. In all programs, 150 MD and Ph.D. fellows are trained each year.

### DRC

Since 1986, Joslin has been a designated Diabetes Research and Endocrinology Research Center (DRC), with funding from the NIH for core laboratories and computational biology services, Enrichment Program, and Pilot and Feasibility Program which provide cutting-edge technologies and intellectual resources that have synergized with the basic, translational and clinical research on diabetes and its complications.

### Asian American Diabetes Initiative (AADI)

The AADI was established in 2000 to address the diabetes epidemic in the Asian American population through clinical research, community outreach, patient education and advocacy, and culturally appropriate treatment at Joslin's Asian Clinic. Over the last decade, AADI has conducted over 100 community events, staffed by volunteers and students from the Greater Boston area. AADI offers various opportunities for clinical rotations and research throughout the year.

### Latino Diabetes Initiative

The overall goal of the Latino Diabetes Initiative, launched in July 2002, is to improve the lives of Latinos affected by diabetes or at risk for the disease through culturally-oriented patient care, education, outreach and research.

## MASSACHUSETTS EYE AND EAR

243 Charles Street, Boston, Massachusetts 02114, Phone: (617) 523-7900  
Website: [www.MassEyeAndEar.org](http://www.MassEyeAndEar.org)

From its beginning in 1824 as a one-room clinic that treated Boston's needy, Massachusetts Eye and Ear has earned an international reputation for its successful treatment of the most difficult diseases and conditions of the eye, ear, nose, throat, head, and neck, and for its groundbreaking contributions to medical research and education in these areas of expertise. Since uniting with the Schepens Eye Research Institute in 2011, Mass. Eye and Ear is home to the world's largest community of vision and hearing researchers, and attracts the best and brightest young physicians and scientists to participate in its very effective partnership between the laboratory and the bedside.

Mass. Eye and Ear is consistently ranked as one of the best hospitals in the United States for ophthalmology and otolaryngology by U.S. News & World Report's "Best Hospitals" survey. Mass. Eye and Ear is accredited by the Joint Commission on the Accreditation of Healthcare Organizations.



An important resource for postgraduate education, Mass. Eye and Ear trains future leaders in otolaryngology and ophthalmology clinical care and research. In all, the Mass. Eye and Ear trains more than 250 medical and research residents and fellows each year in ophthalmology and otolaryngology. These residents and fellows train in the hospital's various sub-specialties, including cornea, neuro-ophthalmology, retina, eye pathology, pediatrics, glaucoma, ocular oncology, immunology, head and neck surgical oncology, pediatric otolaryngology, facial plastic and reconstructive surgery, otology, neurotology, ocular plastics, audiology, thyroid and parathyroid surgery, and rhinology.

Mass. Eye and Ear houses a 41-bed hospital, performing more than 29,000 surgical procedures a year. In 2016, Mass. Eye and Ear provided more than 289,025 outpatient services and 21,492 emergency department services.

## MASSACHUSETTS GENERAL HOSPITAL

55 Fruit Street, Boston, Massachusetts 02114, Phone: (617) 726-2000  
Website: [www.mgh.harvard.edu](http://www.mgh.harvard.edu)

The Massachusetts General Hospital (MGH), founded in 1811, is the oldest and largest teaching hospital of Harvard Medical School. With a total research budget of approximately \$850M, this 1010 bed world-renowned medical center admits about 49,000 inpatients and handles more than 1.5M outpatient visits per year with its four affiliated health centers in Charlestown, Chelsea, North End, and Revere. Mass General is the single largest hospital-based research enterprise in the U.S. Research takes place in over 30 departments, institutes and centers and is powered by a diverse scientific community of more than 10,000 people. In 2014, The Mass General Research Institute was launched to serve as an umbrella organization for the MGH's ongoing research efforts. The mission of the Research Institute is to promote, support and guide the hospital's diverse research enterprise. The hospital is committed to translational research that enables MGH to offer patients the very best treatment options. The MGH also delivers primary and secondary care to persons living in the greater Boston area and New England, and is a major referral hospital for patients with complex illnesses from all over the United States and around the world.

At Mass General there are more than 100 graduate medical education programs for interns, residents, and clinical/research fellows. Many of these programs are integrated with the Brigham and Women's Hospital (BWH), co-founder with MGH of Partners HealthCare, and other Harvard teaching hospitals. These training programs utilize inpatient and ambulatory settings and the hospitals' affiliated community

health centers as they are playing an increasingly important role in training health professionals in the outpatient setting

The Mass General has demonstrated a continued commitment to recruiting a diverse group of residents and fellows to its training programs and has taken a lead position in advancing the status of women and groups who are underrepresented in academic medicine (URM). MGH has several initiatives at various stages of development to increase diversity among physicians and scientists. The Center for Diversity and Inclusion (CDI) and the Office for Women's Careers (OWC) are the foci for the development of these initiatives. CDI has been integrally involved in the recruitment of URM to MGH-affiliated residency and fellowship training programs. CDI also has numerous resources dedicated to developing URM trainees, including staff dedicated to establishing networking and mentorship opportunities, as well as a Resident and Fellow Committee (RFC) - an interdisciplinary group focused on career development, networking, peer mentoring, and community outreach for URM residents and fellows. Each year, CDI awards four Faculty Development Awards to help promote URM faculty pursuing both the physician/scientist and clinician-teacher academic tracks, and, to date, has awarded a total of 42 awards with over \$5 million in funding. CDI also sponsors national and local outreach programs that target underrepresented students at different levels of education and expose them to the many resources for research and training in the sciences at MGH.

For more information, visit <http://www.massgeneral.org/cdi>.





## McLEAN HOSPITAL

115 Mill Street, Belmont, Massachusetts 02478, Phone: (617) 855-2000  
Website: [www.mcleanhospital.org](http://www.mcleanhospital.org)

For over 200 years, McLean Hospital has been an international center for psychiatric treatment, teaching and research. Today, the not-for-profit McLean Hospital is a comprehensive mental health system committed to providing a full range of high-quality mental health services to patients of all backgrounds, their families, and the community. The hospital is dedicated to training mental health professionals and to supporting basic and clinical research in the causes, treatments, and prevention of mental illness.

### CLINICAL AND BASIC RESEARCH OPPORTUNITIES

McLean features inpatient, residential, partial hospital, and outpatient services with subspecialty programs in psychotic disorders, affective disorders, dissociative disorders, and substance abuse, as well as child and adolescent, women's, and geriatric psychiatry. There are also state-of-the-art clinical and laboratory research facilities, as well as the McLean Imaging Center which offers a range of imaging resources and programs.

### INSTITUTIONAL AFFILIATIONS

McLean Hospital is the largest psychiatric teaching facility of Harvard Medical School, an affiliate of Massachusetts General Hospital, and a member of the Partners HealthCare System.

It is consistently ranked as one of the nation's best hospitals for mental health care. McLean maintains the largest research program of any private psychiatric hospital in the world and operates the largest psychiatric neuroscience research program of any Harvard University affiliated hospital, department, or school.



## MOUNT AUBURN HOSPITAL

330 Mount Auburn Street, Cambridge, Massachusetts 02138, Phone: (617) 492-3500  
Website: [www.mountauburnhospital.org](http://www.mountauburnhospital.org)

Overlooking the banks of the Charles River, steps away from Harvard University and Harvard Square, sits one of the nation's oldest hospitals. For over 130 years Mount Auburn Hospital has been committed to providing outstanding, compassionate care to the Cambridge and surrounding communities. Today, our distinguished faculty continues a long tradition of clinical excellence in every specialty, subspecialty and primary care. Our internal medicine, radiology and podiatry residency programs and female pelvic medicine & reconstructive surgery fellowship have a long history of training physicians to be outstanding clinicians, educators and leaders in the healthcare system.



Dr. David Hurwitz, former chief of medicine at Mount Auburn wrote, "However important the specific advances in medical services at the hospital may be, the most important development is the climate for learning which has been engendered among the staff..." We are pleased to grow our climate for learning and help our trainees develop professionally. For more than 75 years, Mount Auburn Hospital has been training medical students, residents and fellows. In the ever-changing world of medical practice, our programs continue to evolve in anticipation of these changes. You will discover the commitment of Mount Auburn Hospital to excellence in patient care and excellence in medical education. We view these commitments as inseparable, and at our institution you will find remarkable clinicians and teachers who share this vision.



Mount Auburn is a vibrant full service hospital serving the needs of the greater Cambridge community – with a busy emergency department which sees a wide range of medical and surgical emergencies. The hospital also has a full service cardiac care program from cardiac catheterization, interventional procedures, cardiac surgery and a CCU as well as a cardiac step down unit. Cancer care is a busy service at Mount Auburn. We see patients with a wide range of solid tumors including lung cancer, breast cancer and colon cancer, with state-of-the art care, including active clinical trials in all of these malignancies.



When you walk through the halls of Mount Auburn you are not only struck by the beautiful facilities, but by the wonderfully welcoming clinicians and staff whose commitment to their patients is evident from the moment you enter the hospital. Our residents and students love being here – the warm and supportive environment nestled by the river allows them to enjoy the practice of medicine while developing lifelong friendships. Whether you take a run along the river or a walk into the square for a coffee, our location makes training in medicine an invigorating and unforgettable experience.

This just begins to describe all that is happening at Mount Auburn. We invite you to learn more about our wonderful hospital, training programs and incredible patient care programs. We are excited to be building on a 130 year legacy of excellence with compassion. Please visit our website [www.mountauburnhospital.org](http://www.mountauburnhospital.org) to learn more about our training programs. Come and see if you want to help us write our next chapter!



## SPAULDING REHABILITATION HOSPITAL

300 First Avenue, Charlestown, MA 02129, Phone: (617) 952-5000  
Website: [www.spauldingrehab.org](http://www.spauldingrehab.org)



Founded in 1970, Spaulding Rehabilitation Hospital is one of the largest rehabilitation facilities in the United States providing comprehensive rehabilitation services. In 2013, Spaulding Rehabilitation Hospital opened its brand new state-of-the-art hospital located in the Charlestown Navy Yard, hailed for its LEED Gold Certification and advances in inclusive design. The 132 patient centered facility includes a 12 bed pediatric unit. Spaulding Rehabilitation Hospital serves as the flagship campus for The Spaulding Rehabilitation Network which includes two inpatient rehabilitation facilities (IRF), a long-term care inpatient hospital and two skilled nursing facilities, as well as twenty-five outpatient sites throughout Eastern Massachusetts. Spaulding is the largest provider of rehabilitation medicine in New England.

Spaulding provides multiple levels of care from specialized programs of care such as Disorders of Consciousness to Young Stroke Rehabilitation to focused research in robotics and neuro-modulation. Spaulding physicians and researchers hold a wide range of clinical and research expertise. Our affiliation with Partners HealthCare System and strong relationships with the Massachusetts General and Brigham and Women's Hospitals, adds to the high level of clinical expertise we offer our patients.

Home to Harvard Medical School's Department of Physical Medicine and Rehabilitation, Spaulding is recognized for its post-doctoral training of residents and fellows from medical schools around the world. Programs offered include the Physical Medicine and Rehabilitation (PM&R) Residency Program and the Fellowship Programs in Pediatrics, Spinal Cord Injury (a joint program with the Veterans Administration), Neurorehabilitation and Sports Medicine. The Department's faculty, fellows and residents published extensively, routinely appearing in major journals such as NEJM, JAMA, PLOS One and Nature as well as presenting at major professional conferences, ranking highly in both categories among our peers. Spaulding's residents and fellows play an integral role in numerous advocacy outreach efforts core to the hospital's mission from disability awareness events to participating in Culturally Competent Care programs.

Spaulding's research programs encompass clinical studies, the evaluation of new rehabilitation medications and techniques, and the investigation of problems in basic science. Spaulding is home to over 100 current research studies and holds a Model System site distinction in the three specialties of Traumatic Brain Injury, Spinal Cord Injury and Burn Injury.

The Joint Commission fully accredits Spaulding Rehabilitation Hospital. The Commission on Accreditation of Rehabilitation Facilities has accredited all Spaulding inpatient programs. Spaulding is the only rehabilitation hospital in New England to be ranked by US News and World Report "Best Hospitals" survey list annually since 1995.





## THE VA BOSTON HEALTHCARE SYSTEM

940 Belmont Street, Brockton, Massachusetts 02301, Phone: (508) 583-4500  
Website: [www.boston.va.gov](http://www.boston.va.gov)

The VA Boston Healthcare System consists of 3 major campuses plus 5 community-based outpatient clinics. As the tertiary care referral center for New England, together VA Boston serves over 65,000 Veterans and educates more than 3,400 trainees including students, residents and fellows in all professions and disciplines.

The Jamaica Plain Campus, 150 S. Huntington Ave, Boston, MA 02130, is a large, multispecialty outpatient and research facility. In addition to primary care and general surgery, outpatient specialties include neurology, infectious disease, oncology, hematology, gastroenterology, dermatology, geriatrics, nephrology, rheumatology, endocrinology, women's health, anesthesia, pain clinic, optometry, ophthalmology, urology, orthopedic surgery, otolaryngology, plastic surgery, radiology, psychiatry, psychology, physiatry, and dental services. Research laboratories include structural and functional MRI capability, event-related potential rigs, brain banks, a large bio-repository for the genetic study of one million veterans, as well as laboratories studying cognitive neuroscience, epidemiology, tissue engineering, neurodegenerative disorders, and post-traumatic stress disorder centers.

The West Roxbury Campus, 1400 VWF Parkway, West Roxbury, MA 02132, is a large 210-bed medical – surgical acute care inpatient, outpatient, and animal research facility.

In addition to a highly active inpatient medical and surgical service, West Roxbury also provides advanced vascular surgery, cardiac surgery, thoracic surgery, neurosurgery, urology, orthopedic surgery and a specialty acute spinal cord injury unit.

The Brockton Campus, 940 Belmont St, Brockton, MA 02301, is a 377-bed inpatient mental health, rehabilitation, and long-term care facility that also houses busy outpatient and research services. In addition to primary care, women's health, and many medical, dental, and mental health outpatient clinics, the facility includes acute psychiatry and substance abuse units, a hospice and palliative care unit, a translational care unit, and comprehensive rehabilitation services. Vigorous human research programs are ongoing, including studies in brain imaging, schizophrenia, sleep, and substance abuse. The Brockton Campus is also the home of the Harvard South Shore Psychiatry Residency Training Program.



## RESIDENCY PROGRAM LISTINGS

Note: Percentages given for graduate data do not necessarily total 100%.

BIDMC:	Beth Israel Deaconess Medical Center
BCH:	Boston Children's Hospital
BMC:	Boston Medical Center
BWH:	Brigham and Women's Hospital
CHA:	Cambridge Health Alliance
DFCI:	Dana-Farber Cancer Institute
MEE:	Massachusetts Eye And Ear
MGH:	Massachusetts General Hospital
VAMC:	Veterans' Administration Medical Center

## ANESTHESIOLOGY

### Anesthesia Residency Program at Massachusetts General Hospital

Department Chair: Jeanine Weiner-Kronish, M.D.

Director: Daniel Saddawi-Konefka, MD

Contact: Patricia Kristo – Resident Coordinator

#### Massachusetts General Hospital

Department of Anesthesia, Critical Care and Pain Medicine

55 Fruit Street, GRB 444

Boston, MA 02114

Tel: (617) 726.200 Fax: (617) 724-8500

E-Mail: pkristo@partners.org

Web: <http://www.massgeneral.org/Anesthesia/education/residency.aspx?id=81>

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital

Application deadline: November 1

Length of Program:

7 slots CATEGORICAL; 25 slots – ADVANCED

Total number of positions available each year: 25

Number for PGY1: 6

Percentage of graduates who enter: 40% fellowships, 40% academic and/or research, 20% private practice

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes (for qualifying PGY4s)

Program Offerings: Mentoring, Grant Assistance, Academic Allotment

Training Opportunities: Research, Teaching

Postgraduate/Subspecialty Fellowships:

Contact: Tina Toland, MHA, Anesthesia

Fellowship Manager: [ttoland@partners.org](mailto:ttoland@partners.org)

Critical Care: Edward Bittner, M.D.

Cardiac Anesthesia: Michael Andrawes, M.D.

Pain Management: Gary Brenner, MD

Acute Pain: Brinda Kamdar, M.D.

OB Anesthesia: Rebecca Minehart, M.D.

Research: Keith Miller, MD

Comments: Medical Student Program: Contact

Michele Szabo, MD at

[MSzabo@partners.org](mailto:MSzabo@partners.org)

### Anesthesiology, Perioperative, and Pain Medicine at BWH

Department Chair: James P. Rathmell, MD

Director: Robert W. Lekowski, Jr., MD, MPH

Contact: Cynthia O'Donnell

#### Brigham and Women's Hospital

75 Francis Street, CWN - L1

Boston, MA 02115

Tel: (617) 732-8218 Fax: (617) 582-6131

E-Mail: [codonnell7@partners.org](mailto:codonnell7@partners.org)

Web: [http://www.brighamandwomens.org/Departments\\_and\\_Services/anesthesiology/default.aspx](http://www.brighamandwomens.org/Departments_and_Services/anesthesiology/default.aspx)

Type of Program: Residency

Sponsoring Hospital(s): Brigham and Women's Hospital

Application deadline: October 31

Length of Program: Categorical Track: 4 years & Advanced Track: 3 years

Total number of positions available: 96

Number for PGY1: 16-18

Percentage of graduates: who enter 60% postgraduate fellowships, 50% academic and/or research careers.

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes (PGY3 and higher)

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds, Formal faculty development program

Training Opportunities: Research, Teaching,

Consultation/Liaison

Postgraduate/Subspecialty Fellowships:

Anesthesia Research: G. Strichartz, PhD -BWH

Cardiac Anesthesia: D. Shook, MD, -BWH

Critical Care Medicine: N. Sadovnikoff, MD -

BWH; Neurosurgical Anesthesia: L. Aglio, MD

-BWH; Obstetrical Anesthesia: M. Farber, MD,

-BWH; Pain Management: S. Nedeljkovic, MD

-BWH; Regional Anesthesia: Kamen Vlassakov,

MD -BWH; Thoracic Anesthesia: P. Hartigan,

MD -BWH; Comments: For medical student

programs, contact: Jennifer McSweeney, MD at

(617) 525-7921; Fellowship Coordinator: Laura Woods at [lwoods4@partners.org](mailto:lwoods4@partners.org) & 617-525-7921

### Department of Anesthesia, Critical Care and Pain Medicine at BIDMC

Department Chair: Daniel Talmor, MD, MPH

Director: John Mitchell, MD,

Associate Program Director: Cindy Ku, MD

Contact: Mary Jane Cahill, MBS, C-TAGME

#### Beth Israel Deaconess Medical Center

330 Brookline Ave, Rabb 239

Boston, MA 02215

Tel: (617) 667-5048 Fax: (617) 667-5050

E-Mail: [mcahill2@bidmc.harvard.edu](mailto:mcahill2@bidmc.harvard.edu)

Web: <http://www.bidmc.org/Medical-Education/Graduate-Medical-Education.aspx>

Type of Programs: Residency and Fellowship

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

Application deadlines:

Residency Oct 31st via Electronic Residency

Application Service (ERAS)

Fellowships deadlines:

Critical Care Medicine and Adult Cardiothoracic

Anesthesia Feb 1st via the San Francisco Match

Pain Medicine Apr 1st via Electronic Residency

Application Service (ERAS)Obstetric Anesthesia

Mar 15th, Regional Anesthesia Mar 15th,

Neuroanesthesia Fellowship Feb 1st,Neuro

Intensive Care Fellowship Feb 1st, Perioperative

Medicine Fellowship Mar 15th, via BIDMC

Anesthesia fellowship application program via this

link: <http://www.bidmc.org/Medical-Education/Departments/Anesthesia-Critical-Care-and-Pain-Medicine/Anesthesia-Fellowships.aspx>

Length of Program: Residency: advanced

program- 3 years; categorical program- 4 years,

clinical research scientist track -5 years

Total number of positions available: 54

Number for PGY1: for 2017-2018, 4 PGY1

(categorical spots); 2(clinical scientists

positions);11 PGY2 (advanced); 1PYG2(reserved)

Percentage of graduates who enter: 70% post-

graduate fellowships, 20% academic and/or

research careers, 10% private practice

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes, for qualifying PGY-4

and PGY-5 trainees

Program Offerings: Mentoring/ Career placement

– graduates placed in their top choices for

fellowship/academic and private practice;

100% board pass rate for past 10 years; Formal

faculty development program; Assistance in

grant/research preparation; Meeting travel

funds; Simulator training; Transesophageal

Echocardiography/Ultrasound Training; Global

Health training opportunities; SEA/HVO fellowships; PGY-4/PGY-5 one month training opportunities in China, Rwanda and England Research, Teaching, Consultation/Liaison, Community based practice opportunities. Postgraduate/Subspecialty Fellowships: Adult Cardiothoracic: 3 PGY5 positions Shahzad Shaefi, MD - BIDMC Critical Care: 4 PGY5 positions Shahzad Shaefi, MD - BIDMC Pain Medicine: 8 PGY5 positions Paragi Rana, MD - BIDMC Obstetric: 2 PGY5 positions Philip. Hess, MD - BIDMC Regional Anesthesia 1 PGY5 position Marc Shnider, MD - BIDMC Vascular Anesthesia (Non-ACGME): Feroze Mahmood, MD - BIDMC Neuroanesthesia Fellowship 1 PGY5 position (Non-ACGME) M. Dustin Boone, MD - BIDMC Neuro Intensive Care Fellowship 1 PGY5 position (Non-ACGME) M. Dustin Boone, MD - BIDMC Perioperative Medicine Fellowship 1 PGY 5 position (Non-ACGME) Sheila Barnett, MD - BIDMC Medical Student Programs – Susan Herlihy Kilbride Education and Faculty Development Director

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## DERMATOLOGY

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### Harvard Combined Dermatology Residency Training Program

Executive Committee: David E. Fisher, M.D., Raif Geha, M.D., Thomas S. Kupper, M.D., and Robert S. Stern, M.D.  
 Program Director: Rachel V. Reynolds, MD  
 Contact: Diane Kovacev  
 Mailing Address: Massachusetts General Hospital  
 55 Fruit Street, Bartlett 616  
 Boston, MA 02114  
 Tel: (617) 726-5254 Fax: (617) 726-1875  
 E-Mail: info.hmsderm@partners.org  
 Web: <http://www.hms.harvard.edu/dermatology/>  
 Type of Program: Residency  
 Sponsoring Hospital(s): Massachusetts General Hospital, Beth Israel Deaconess Medical Center, Brigham and Women's Hospital, Boston Veterans Administration Medical Center, Children's Hospital Boston,

Lahey Clinic  
 Application deadline: October 1  
 Length of Program: 3 Years  
 Total number of positions available: 29  
 Number for PGY1: N/A; Enter as PGY2 – 6-8/yr  
 Percentage of graduates who enter: 50% post graduate fellowships, 30% academic/research careers, 20% private practice  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: Yes (Policy available upon request)  
 Program Offerings: Mentoring available:  
 Research start-up funds available  
 Training Opportunities: Research: Teaching  
 Postgraduate/Subspecialty Fellowships:  
 Opportunities vary. Please contact department website for more information.

### Brigham and Women's Hospital Combined Internal Medicine/ Dermatology Training Program

Program Director: Rachel V Reynolds, MD/Joel Katz, M.D.  
 Contact: Diane Kovacev  
 c/o Massachusetts General Hospital  
 55 Fruit Street, Bartlett 616  
 Boston, MA 02114  
 Tel: (617) 726-5254 Fax: (617) 726-1875  
 E-Mail: info.hmsderm@partners.org  
 Web: <http://www.hms.harvard.edu/dermatology/training/residency/residencyprogram/medicinedermatology.html>  
 Type of Program: Residency  
 Sponsoring Hospital(s): Massachusetts General Hospital, Brigham and Women's Hospital, Beth Israel Deaconess Medical Center,  
 Application deadline: October 1  
 Length of Program: 5 Years  
 Total number of positions available: 1/yr  
 Number for PGY1: 1/yr  
 Percentage of graduates who enter: N/A  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: Yes (Policy available upon request)  
 Program Offerings: Mentoring available:  
 Training Opportunities: Research: Teaching  
 Postgraduate/Subspecialty Fellowships:  
 Opportunities vary. Please contact department website for more information.

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## EMERGENCY MEDICINE

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### Harvard Affiliated Emergency Medicine at Beth Israel Deaconess Medical Center Residency

Department Chair: Richard Wolfe, MD  
 Director: Carlo L. Rosen, MD  
 Contact: Nicole Bagg, MEd  
**Beth Israel Deaconess Medical Center**  
 Department of Emergency Medicine  
 One Deaconess Road; West Rosenberg-2  
 Boston, MA 02215  
 Tel: (617) 754-2339 Fax: (617) 754-2350  
 E-Mail: [nbagg@bidmc.harvard.edu](mailto:nbagg@bidmc.harvard.edu)  
 Web: [www.bidmcem.org](http://www.bidmcem.org)  
 Type of Program: Residency  
 Sponsoring Hospital(s): Beth Israel Deaconess Medical Center  
 Application deadline: December 1  
 Length of Program: 3 years  
 Total number of positions available: 39  
 Number for PGY1: 13  
 Percentage of graduates who enter: N/A  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: Yes  
 Program Offerings: Meeting Travel Funds Available  
 Training Opportunities: N/A  
 Postgraduate/Subspecialty Fellowships:  
 Medical Emergency Services  
 Edward Ullman, MD, Director  
 No. of Positions Available: 1  
 Contact: Nicole Bagg, MEd  
 E-Mail: [nbagg@bidmc.harvard.edu](mailto:nbagg@bidmc.harvard.edu)

### Brigham and Women's Hospital/ Massachusetts General Hospital Harvard Affiliated Emergency Medicine Program

Chair: David F. M. Brown, MD, FACEP  
 Director: Eric S. Nadel, MD  
 Contact: Alexis Werner  
 Massachusetts General Hospital (MGH)  
 55 Fruit Street  
 5 Emerson Place, Suite 101  
 Boston, MA 02114  
 Tel: (617) 724-4068; Fax: (617) 724-4021  
 E-Mail: [awerner@partners.org](mailto:awerner@partners.org)  
 Web: [www.massgeneral.org/education/residency.aspx?id=84](http://www.massgeneral.org/education/residency.aspx?id=84)  
 Type of Program: Residency - ER  
 Sponsoring Hospital(s): Brigham and Women's Hospital & MGH  
 Application deadline: November 1  
 Length of Program: 4 Years



Total number of positions available: 60  
 Number for PGY1: 15  
 Percentage of graduates who enter: N/A  
 Part-time residency: N/A  
 Shared residency: N/A  
 Allow Moonlighting: Yes  
 Program Offerings: N/A  
 Training Opportunities: N/A  
 Postgraduate/Subspecialty Fellowships:  
 BWH: International Emergency Medicine  
 Emergency Ultrasound; Medical Simulation  
 Critical Care; Health Policy Translation  
 MGH: Emergency Ultrasound; Pediatric  
 Emergency Medicine; Wilderness Medicine;  
 Emergency Medicine Administration & Medical  
 Simulation

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## INTERNAL MEDICINE

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### Primary Care Internal Medicine Program at Cambridge Health Alliance

Department Chair: Richard J. Pels, MD

Director: Richard J. Pels, MD

Contact: Linda M. Fowler

#### Cambridge Health Alliance

1493 Cambridge Street

Cambridge, MA 02139

Tel: (617) 665-1021 Fax: (617) 665-2151

E-Mail: Lfowler@cha.harvard.edu

Web: www.cha.harvard.edu

Type of Program: Residency

Sponsoring Hospital(s): Cambridge Health Alliance

Application deadline: December 15

Length of Program: 3

Total number of positions available: 24

Number for PGY1: 8

Percentage of graduates who enter: 20% postgraduate fellowships, 40% academic and/or research careers, 40% primary care career

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes

Program Offerings: Mentoring available, meeting travel funds available, unrestricted use educational stipend available.

Training Opportunities: Research, Primary Care Opportunities, Teaching, Community Based Practice

Opportunities, International Elective Training

Postgraduate/Subspecialty

Fellowships: N/A

### Transitional Year Residency Program at Cambridge Health Alliance

Department Chair: Richard J. Pels, MD

Director: Slava V. Gaufberg, MD

Contact: Linda M. Fowler  
 Cambridge Health Alliance  
 1493 Cambridge Street  
 Cambridge, MA 02139  
 Tel: (617) 665-1021 Fax: (617) 665-2151

E-Mail: Lfowler@challiance.org

Web: www.challiance.org

Type of Program: Residency

Sponsoring Hospital(s): Cambridge Health Alliance

Application deadline: December 15

Length of Program: 1

Total number of positions available: 7

Number for PGY1: 7

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring, unrestricted use educational stipend

Training Opportunities: Research, Teaching, Community based projects, Wide variety of elective opportunities, including international electives

Fellowships: N/A

### Internal Medicine at Massachusetts General Hospital

Department Chair: Katrina Armstrong, MD

Director: Jatin M. Vyas, MD, PhD

Contact: Karen Bruynell, MM

#### Massachusetts General Hospital

55 Fruit Street, GRB 7340

Boston, MA 02114

Tel: (617) 726-5820 Fax: (617) 724-7441

E-Mail: mghimresidency@partners.org;

kbruynell@partners.org

Web: : <http://www.massgeneral.org/medicine/education/residency.aspx?id=47>

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital

Application deadline: October 1

Length of Program: 3

Total number of positions available: 168

Number for PGY1: 45 categorical, 7 primary care 14 preliminary medicine and 2 global primary care.

Percentage of graduates who enter: 80% post-graduate fellowships, 60% academic and/or research careers, 25% primary care career

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes (PGY 3 only)

Program Offerings: Mentoring, global health travel stipends available, availability of funds for

national presentations, board review materials, resident intranet, MMS and ACP membership  
 Training Opportunities: Research and Clinical Research Track, Primary Care Opportunities, Teaching, Consultation/Liaison, Community Based Practice Opportunities, International Elective Training

Postgraduate/Subspecialty Fellowships:

Allergy/Immunology: A. Banerji, MD - MGH;  
 Arthritis/Rheumatology: M. Bolster, MD - MGH;  
 Cardiac Electrophysiology: K. Heist, MD - MGH;  
 Cardiology: Doug Drachman, MD - MGH;  
 Endocrinology: B. Biller, MD - MGH;  
 Gastroenterology: A. Chan, MD - MGH;  
 Geriatrics: F. Ramadan, MD - MGH;  
 Hematology/Oncology: D. Michaelson, MD - MGH, BWH, DFCI;  
 Hepatology - R. Chung, MD - MGH;  
 Infectious Disease: B. Davis - MGH;  
 Nephrology: K. Tucker, MD - MGH;  
 Palliative Care - Juliet C. Jacobsen, MD - MGH, BWH, DFCI;  
 Pulmonary/Critical Care: J. Cho, MD - MGH

### Internal Medicine Program at Brigham and Women's Hospital

Department Chair: Joseph Loscalzo, MD, PhD

Director: Joel Katz, MD

Contact: Nina Gill

#### Brigham and Women's Hospital

75 Francis Street

Boston, MA 02115

Tel: (617) 732-5775 Fax: (617) 278-6995

E-Mail: jkatz@partners.org; bwhresinfo@partners.org

Web: www.bwh.partners.org/residency

Type of Program: Residency and Fellowship

Sponsoring Hospital(s): Brigham and Women's Hospital, VA Boston Healthcare System, Dana-Farber Cancer Institute, Faulkner Hospital  
 Application deadline: October 1

Length of Program: 3

Total number of positions available: 200

Number for PGY1: 40 categorical, 12 primary care,

16 preliminary medicine

Percentage of graduates who enter: 95% post-graduate fellowships, 80% academic and/or research careers, 35% primary care career

Part-time residency: Yes Shared residency: Yes

Allow Moonlighting: Yes

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds, Formal faculty development program, Minority faculty career development awards.

Training Opportunities: Research, Medicine-

Pediatrics, Combined Program, Primary Care Opportunities, Teaching, Consultation/Liaison, Community Based Practice Opportunities, Genetics Focus, International Medicine Focus  
 Postgraduate/Subspecialty Fellowships: Allergy/Immunology: F. Austin, MD - BWH  
 Cardiac Electrophysiology: W. Stevenson, MD - BWH  
 Cardiovascular: P. Libby, MD - BWH  
 Endocrinology: P. Conlin, MD - BWH  
 Gastroenterology: R. Blumberg, MD - BWH  
 Hematology/Oncology: R. Mayer, MD - DFCI  
 Infectious Diseases: E. Kieff, MD, PhD - BWH  
 Nephrology: J. Bonventre, MD PhD - BWH  
 Pulmonary and Critical Care: S. Shapiro, MD - BWH  
 Rheumatology: L. Klickstein, MD PhD - BWH

### **Brigham and Women's Hospital Combined Residency in Genetic Medicine and Internal Medicine**

Chief, BWH Division of Genetics: Richard Maas, MD PhD  
 Director BWH Internal Medical Residency Program: Joel Katz, MD  
 Director BWH Combined Residency in Genetic Medicine and Internal Medicine: Joel Krier, MD  
 Contact: Jamie Valerius  
 Brigham and Women's Hospital  
 41 Avenue Louis Pasteur, Room 304  
 Boston, MA 02115  
 Tel: (617) 525-4704 Fax: (617) 264-3018  
 E-Mail: [jvalerius@partners.org](mailto:jvalerius@partners.org)  
 Web: [www.brighamandwomens.org/Departments\\_and\\_Services/medicine/services/genetics/edu\\_train/comb\\_residency/default.aspx?sub=0](http://www.brighamandwomens.org/Departments_and_Services/medicine/services/genetics/edu_train/comb_residency/default.aspx?sub=0)  
 Type of Program: Residency; Sponsoring Hospital(s): Brigham and Women's Hospital  
 Length of Program: Genetic Medicine Residency - 5 years  
 Genetic Medicine Residency Highlights:  
 ABIM and ABMG-approved  
 Requires enrollment in the BWH Internal Medicine Residency Program, Internal Medicine rotations same as BWH Internal Medicine Residency, Genetic Medicine rotations in complementary areas at BWH, MGH, DFCI and BCH. Advanced Human Genetics Course and Walk Rounds, 35 outstanding faculty who precept residents 1 on 1 in Ambulatory Clinics, Focus includes monogenic and polygenic diseases, cancer genetics, cytogenetics and molecular diagnostics.  
 PGY4 and 5 highly flexible to allow medicine or genetics electives or postdoctoral research.

### **Internal Medicine Program at Beth Israel Deaconess Medical Center**

Department Chair: Mark L. Zeidel, MD  
 Director: Christopher Smith, MD  
**Beth Israel Deaconess Medical Center**  
 330 Brookline Avenue, Deaconess 301A  
 Boston, MA 02215  
 Tel: (617) 632-8273 Fax: (617) 632-8261  
 E-Mail: [medinternship@bidmc.harvard.edu](mailto:medinternship@bidmc.harvard.edu)  
 Web: [www.bidmc.org/MedicalEducation/Departments/Medicine/ResidencyinInternalMedicine.aspx](http://www.bidmc.org/MedicalEducation/Departments/Medicine/ResidencyinInternalMedicine.aspx)  
 Type of Program: Residency  
 Sponsoring Hospital(s): Beth Israel Deaconess Medical Center  
 Application deadline: October 5  
 Length of Program: 1-3  
 Total number of positions available: 161  
 Number for PGY1: 63 (41 Categorical; 13 Preliminary; 5 Primary Care; 4 HIV Primary Care)  
 Percentage of graduates who enter: 80% post-graduate fellowships, 65% academic and/or research careers, 20% primary care career  
 Allow Moonlighting: Yes  
 Program Offerings: Mentoring available  
 Training Opportunities: Research Track, Primary Care Track, Global Health Track, Education Track.  
 Postgraduate/Subspecialty Fellowships:  
 Cardiovascular: J. Kannam, MD - BIDMC  
 Endocrinology: A. Malabanan, MD - BIDMC  
 Gastroenterology: C. Kelly, MD - BIDMC  
 General Medicine: C. Wee, MD - BIDMC Geriatric Medicine: S. Berry, MD - BIDMC; Hematology/Oncology: R.E. Drews, MD - BIDMC; Infectious Disease: W. Stead -, MD - BIDMC; Nephrology: S. Lecker, MD PhD - BIDMC; Pulmonary, Critical Care : A. Anandaiah. MD - BIDMC; Sleep Medicine: R. Thomas, MD - BIDMC  
 Rheumatology: V. Kytтарыs, MD - BIDMC

### **Internal Medicine Program Mount Auburn Hospital**

Department Chair: Valerie Stone, MD  
 Director: Patrick L. Gordan, MD  
 Contact: Margie McGlone  
**Mount Auburn Hospital**  
 330 Mt. Auburn Street, Dept. of Medicine  
 Cambridge, MA 02138  
 Tel: (617) 499-5140 Fax: (617) 499-5593  
 E-Mail: [mmcglone@mah.harvard.edu](mailto:mmcglone@mah.harvard.edu)  
 Web: [www.mountauburnhospital.org](http://www.mountauburnhospital.org)  
 Type of Program: Internal Medicine Residency  
 Sponsoring Hospital(s): Mount Auburn Hospital  
 Application deadline: December 31

Length of Program: 3 years/1 year categorical and preliminary  
 Total number of positions available: 56  
 Number for PGY1: 28  
 Percentage of graduates who: enter 60% post-graduate fellowships, 50% academic and/or research careers, 40% primary care career.  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: Yes (PGY 3)  
 Program Offerings: Mentoring available, Formal faculty development program  
 Training Opportunities: Research, Primary Care Opportunities, Teaching, Consultation/Liaison, Community Based Practice Opportunities  
 Postgraduate/Subspecialty Fellowships: all represented.  
 Medical Education: Peter Clardy, MD

### **Harvard Brigham and Women's/Boston Children's Hospitals Med-Peds Residency**

Program Director: Niraj Sharma, MD, MPH  
 Contact: Nina Gill  
**Brigham and Women's Hospital**  
 75 Francis St., PBB-B4  
 Boston, MA 02115  
 Email: [bwhresinfo@partners.org](mailto:bwhresinfo@partners.org);  
[Ngill1@partners.org](mailto:Ngill1@partners.org)  
 Tel. 617-525-7278  
 Type of Program: Residency  
 Total number of positions available: 16  
 Number of PGY1: 4  
 Application deadline: October 1  
 Participating Hospitals: Brigham and Women's Hospital, Boston Children's Hospital, Faulkner Hospital, Boston University Medical Center  
 Percentage of graduate entering: graduate fellowships - 30%  
 Academic and/or research careers - 20%  
 Primary care career - 50%  
 Shared Residency: Yes  
 Allow moonlighting: Yes within ACGME work hour rules.  
 Program Offerings: mentoring, AAP membership for all residents  
 Postgraduate/Subspecialty Fellowship: NA  
**Massachusetts General Hospital Med  
 Peds Residency**  
 Director: Evangeline Galvez, MD  
 Contact: Melissa Lopes, MHA  
**Harvard MGH Medicine-Pediatrics Program**  
 175 Cambridge St., 5th Floor CPZS 591  
 Boston, MA 02114  
 Tel: (617) 726-7782 Fax: (617) 726-5961  
 E-Mail: [medpedresidency@partners.org](mailto:medpedresidency@partners.org)

mrlopes@partners.org  
 Web: <https://medpeds.hms.harvard.edu/>  
 Type of Program: Residency  
 Sponsoring Hospitals: Massachusetts General Hospital, Brigham and Women's Hospital Cambridge Hospital, Massachusetts Eye and Ear Infirmary, Mount Auburn Hospital, Newton-Wellesley Hospital, North Shore Children's Hospital, Spaulding Rehabilitation Hospital and Community Health Centers.  
 Application deadline: October 1  
 Length of program: 4  
 Total number of positions available: 16  
 Number of PGY1: 4  
 Percentage of graduate entering: graduate fellowships – 30%  
 Academic and/or research careers – 20%  
 Primary care career – 50%  
 Shared Residency: Yes  
 Allow moonlighting: Yes within ACGME work hour rules  
 Program Offerings: mentoring, AAP membership for all residents  
 Postgraduate/Subspecialty Fellowship:  
 Pediatric Critical Care: N. Novsiki, MD – MGH;  
 Pediatric Endocrinology: L. Levitsky, MD – MGH;  
 Pediatric Gastroenterology and Nutrition: G. Russell, MD-MGH  
 Pediatric Pulmonary T. Kinane, MD-MGH.  
 Notes: MedPeds resident also benefit from the leadership, training and mentorship offered by the MGH Center for Global Health:  
<http://www.globalhealthmgh.org/>

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## MEDICAL GENETICS

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### Harvard Medical School Genetics Training Program

Director: Joan Stoler, MD  
 Contact: Susanna Chan  
**Boston Children's Hospital**  
 Division of Genetics and Genomics  
 300 Longwood Ave. Mailstop: BCH3056  
 Hunnewell Bldg, 5th Floor (HU 543)  
 Boston, MA 02115  
 Tel: 857-218-5491 Fax: (617) 730-0466  
 E-Mail: [Susanna.Chan@childrens.harvard.edu](mailto:Susanna.Chan@childrens.harvard.edu)  
 Web: [www.geneticstraining.org](http://www.geneticstraining.org)  
 Type of Program: Residency  
 Sponsoring Hospital(s): Boston Children's Hospital /Brigham & Women's/Massachusetts General Hospital.  
 Application through ERAS match  
 Deadline: August 31  
 Length of Program: 2 years plus 1 year optional

Total number of positions available: 4  
 Number for PGY1: 4  
 Part-time Residency: No  
 Allow Moonlighting: No  
 Program Offerings: Mentoring available; Funds available for meetings; Research

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## NEUROLOGY

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### Harvard Medical School Neurology Program at Beth Israel Deaconess Medical Center

Department Chair: Clifford B. Saper, MD, PhD  
 Director: Frank W. Drislane, MD  
 Associate Director: Penny Greenstein, MD  
 Contact: Stacey Chiacchio  
**Beth Israel Deaconess Medical Center**  
 Neurology Department  
 330 Brookline Avenue  
 Boston, MA 02215  
 Tel: (617) 667-2268 Fax: (617) 667-2987  
 E-Mail: [schiacch@bidmc.harvard.edu](mailto:schiacch@bidmc.harvard.edu)  
 Web: [www.bidmc.harvard.edu/neurology](http://www.bidmc.harvard.edu/neurology)  
 Type of Program: Residency  
 Sponsoring Hospital(s): Beth Israel Deaconess Medical Center  
 Application deadline: November 1  
 Length of Program: 3  
 Total number of positions available: 21  
 Number for PGY 1: 0  
 Number for PGY 2: 7  
 Percentage of graduates who enter: 100% fellowships

Part-time Residency: No  
 Shared Residency: No  
 Allow Moonlighting: Minimal  
 Program Offerings: Mentoring available, Clinical training, Research training, Meeting travel funds available.  
 Postgraduate/Subspecialty Fellowships:  
 Autonomic Disorders  
 Behavioral Neurology  
 Brain Tumor  
 Cerebrovascular  
 EEG-Epilepsy  
 EMG-Neuromuscular  
 HIV-Neurology  
 Movement Disorders  
 Multiple Sclerosis  
 Neuro-endocrinology  
 Neuro-oncology  
 Sleep  
 Stroke

### Partners Neurology Residency Program

Department Chair: Merit Cudkowicz, MD, PhD,  
 and Martin A. Samuels, MD, Co-Chairs  
 Director: Tracey Cho, MD  
 Contact: Vanya Sagar

#### Massachusetts General Hospital

55 Fruit Street, WACC 720  
 Boston, MA 02114  
 Tel: (617) 726-1067 Fax: (617) 726-2353  
 E-Mail: [vsagar1@partners.org](mailto:vsagar1@partners.org)  
 Web: [www.partnersneurologyresidency.org](http://www.partnersneurologyresidency.org)  
 Type of Program: Residency  
 Sponsoring Hospital(s): Massachusetts General Hospital, Brigham and Women's Hospital  
 Application deadline: November 15  
 Length of Program: 3  
 Total number of positions available: 54  
 Number for PGY2: 18 ; Percentage of graduates who enter: 90% post-graduate fellowships, 90% academic and/or research careers, 10% primary care career  
 Shared residency: Yes  
 Allow Moonlighting: Yes  
 Program Offerings: Program Offerings: Five unique certificate programs offering more formalized experience, mentoring, and academic development in areas beyond core clinical neurology. Certificates are available in medical education, global and humanitarian health, patient safety, quality care, and health policy, and basic science/translational and clinical research and investigation; Clinical texts, Mentoring available, Meeting travel funds available, slush funds, books.  
 Training Opportunities: Research, Consultation/ Liaison ; Postgraduate/Subspecialty Fellowships:  
 ACGME Accredited: MGH/BWH/HMS  
 MGH Clinical Neurophysiology Fellowship;  
 MGH Epilepsy fellowship, BWH Clinical Neurophysiology Fellowship; BWH Epilepsy Fellowship, BWH/MGH Neuromuscular Medicine Fellowship; Non-ACGME Accredited: MGH/BWH Neurocritical Care, MGH Clinical Fellowship in Dementia, Movement Disorders Fellowship, MGH Epilepsy, MGH EEG fellowship, MGH Advanced General and Autoimmune Neurology, Anne B. Young Neuroscience Translational Medicine, MGH Behavioral Neurology and Neuropsychiatry, MGH Intraoperative Neuromonitoring, MGH Neuro- Oncology, BWH Headache Medicine, Partners Multiple Sclerosis Fellowship; MEEI Clinical Neuro-Ophthalmology Fellowship, MGH Neurodegenerative Fellowship, Clinical Translational Fellowship at Pfizer .  
 Comments: A large array of research opportunities are available at the Massachusetts General,



Brigham and Women's and West Roxbury  
Veterans' Affairs.

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## CHILD NEUROLOGY

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### Child Neurology Training Program at Boston Children's Hospital

Department Chair: Scott Pomeroy, MD, PhD

Director: David Urion, MD

Contact: Kelley Hyatt

#### Boston Children's Hospital

300 Longwood Avenue, Fegan 11

Boston, MA 02115

Tel: (617) 355-8735 Fax: (617) 730-0284

E-Mail: Kelley.hyatt@childrens.harvard.edu

Web: [www.childrenshospital.org/centers-and-services/child-neurology-residency-training-program](http://www.childrenshospital.org/centers-and-services/child-neurology-residency-training-program)

Type of Program: Residency (PGY3 - 5)

Sponsoring Hospital(s): Boston Children's Hospital

Application deadline: Applicants should apply through ERAS at <https://www.aamc.org/students/medstudents/eras> and follow the dates listed on the website for application deadlines

Length of Program: 3

Total number of positions available: 15

Number for PGY1: 0

Percentage of graduates who enter: 50% post-graduate fellowships, 40% academic and/or research careers, 10% private practice

Part-time residency: No

Shared residency: No

Allow Moonlighting: as outlined by ACGME/GME

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Child neurology subspecialty training

Training Opportunities: Research, Teaching, Consultation/Liaison

Postgraduate/Subspecialty Fellowships: N/A

### Child Neurology Residency Program at Massachusetts General Hospital

Department Chair: Kevin J. Staley, MD

Program Director: M. Zelime Elibol, MD

Contact: Virginia Tosney-Trask

E-mail: [vtosneytrask@partners.org](mailto:vtosneytrask@partners.org)

#### Massachusetts General Hospital

55 Fruit Street, Wang ACC 720

Boston, MA 02114

Tel: (617) 726-1813 Fax: (617) 726-2353

E-Mail: [mzelibol@partners.org](mailto:mzelibol@partners.org)

Web: <http://neuroeducation.massgeneral.org/childneurologyresidents/>

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital

Application deadline: October 1

Length of Program: 2 years prelim pediatrics + 3 years of neurology/child neurology

Total number of positions available: 2 per year

Percentage of graduates who enter: 50% academic and/or research careers, 50% primary care career

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes (under special arrangements)

### Neurodevelopmental Disabilities Training Program at Boston Children's Hospital

Department Chair: Scott Pomeroy, MD, PhD

Director: David Urion, MD

Contact: Kelley Hyatt

#### Boston Children's Hospital

300 Longwood Avenue, Fegan 11

Boston, MA 02115

Tel: (617) 355-8735 Fax: (617) 730-0284

Web: [www.childrenshospital.org/centers-and-services/child-neurology-residency-training-program/program/neurodevelopmental-disorders-program](http://www.childrenshospital.org/centers-and-services/child-neurology-residency-training-program/program/neurodevelopmental-disorders-program)

Type of Program: Residency (PGY3 - 6)

Sponsoring Hospital(s): Children's Hospital Boston

Application deadline: Applicants should apply through ERAS at <https://www.aamc.org/students/medstudents/eras> and follow the dates listed on the website for application deadlines

Length of Program: 4

Total number of positions available: 4

Number for PGY1: 0

Percentage of graduates who enter: 50% post-graduate fellowships, 40% academic and/or research careers, 10% private practice

Part-time residency: No

Shared residency: No

Allow Moonlighting: as outlined by ACGME/GME

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Child neurology subspecialty training

Training Opportunities: Research, Teaching, Consultation/Liaison

Postgraduate/Subspecialty Fellowships: N/A

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## NEUROSURGERY

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### Brigham and Women's/Boston Children's Hospital/Harvard Medical School Residency Training Program in

### Neurosurgery

Department Chair: E. Antonio Chiocca, MD, PhD

Director: G. Rees Cosgrove, MD

Contact: Courtney Gilligan

Brigham and Women's Hospital

75 Francis Street, BTM 4th Fl. 4258

Boston, MA 02115

Tel: (617) 732-8719 Fax: (617) 713-3050

E-Mail: [cegilligan@partners.org](mailto:cegilligan@partners.org)

Web: [http://www.brighamandwomens.org/Departments\\_and\\_Services/neurosurgery/residencyprogram/default.aspx](http://www.brighamandwomens.org/Departments_and_Services/neurosurgery/residencyprogram/default.aspx)

residencyprogram/default.aspx

Type of Program: Residency

Sponsoring Hospital(s): Brigham and Women's Hospital

Application deadline: October 1

Length of Program: 7 years

Total number of positions available: 2 or 3 per year  
Number for PGY1: 2

Percentage of graduates who enter: 90% post-graduate fellowships, 80% academic and/or research careers, 0% primary care career

Part-time residency: No

Shared residency: Yes

Allow Moonlighting: No

Program Offerings: Faculty Mentoring

Meeting travel and book funds, Assistance in grant preparation, Journal Club, Skull Base Dissection and Minimally invasive surgery labs

Training Opportunities: Research, Teaching of Neuroscience/Neuroanatomy course at HMS, Boot Camp, RUNN Course, publications

Postgraduate/Subspecialty Fellowships:

Shillito Fellowship in Pediatrics Neurosurgery:  
Mark Proctor, MD - BCH

Image Guided Surgery Fellowship - Alexandra Golby, MD - BWH

Pituitary Surgery Fellowship - Edward R. Laws, MD - BWH

Spinal Neurosurgery Fellowship - Michael Groff, MD

Skull Base Surgery Fellowship - Ossama Al-Mefty, MD

Cerebrovascular/Endovascular Neurosurgery Fellowship - Ali Sultan, MD

### Neurosurgery Residency Program at Massachusetts General Hospital

Department Chair: Bob S. Carter, MD, PhD

Director: Aman B. Patel, MD

Contact: Jeese Vega

#### Massachusetts General Hospital

55 Fruit Street, WHT 502

Boston, MA 02114

Tel: (617) 726-5143 Fax: 617-726-3434

E-Mail: [jlvega@mgh.harvard.edu](mailto:jlvega@mgh.harvard.edu)  
 Web: <http://www.massgeneral.org/neurosurgery/education/residency.aspx?id=72&display=about>  
 Type of Program: Residency  
 Sponsoring Hospital(s): Massachusetts General Hospital  
 Application deadline: October 31  
 Length of Program: 7  
 Total number of positions available: 3  
 Number for PGY1: 3  
 Percentage of graduates who enter: N/A  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: No  
 Program Offerings: Diagnostic and clinical training, plus two years of laboratory research  
 Training Opportunities: N/A  
 Postgraduate/Subspecialty Fellowships: No  
 Postgraduate/Subspecialty Fellowships: No

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## NUCLEAR MEDICINE

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### Joint Program in Nuclear Medicine

Department Chair: Giles W. Boland, M.D., HMS  
 Radiology

Director: Hyewon Hyun, M.D.

Contact: Cathy M. Delaware, BA

#### Brigham and Women's Hospital

75 Francis Street

Boston MA 02115

Tel: (617) 732-6290 Fax: (617) 264-5250

E-Mail: [cdelaware@partners.org](mailto:cdelaware@partners.org)

Web: [www.jpnm.org](http://www.jpnm.org)

Type of Program: Residency

Sponsoring Hospital(s): Boston Children's Hospital, Beth Israel Deaconess Medical Center, Brigham and Women's Hospital, VA Boston Healthcare System, Dana-Farber Cancer Institute

Application Notes: No deadline, please apply directly to program.

Length of Program: 1-3

Total number of positions available: 7

Number for PGY1: 0 Candidates will be ACGME accredited residents from internal medicine or diagnostic radiation programs

Percentage of graduates who enter: 50% academic and/or research careers, 50% private

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds, Formal faculty development program

Training Opportunities: N/A

Postgraduate/Subspecialty Fellowships: N/A

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## OBSTETRICS AND GYNECOLOGY

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### Brigham and Women's Hospital-Massachusetts General Hospital Integrated Residency Training Program in Obstetrics and Gynecology

Department Chair: Robert Barbieri, MD

Director: Ruth Tuomala MD

Contact: Yara Núñez - Program Coordinator

Brigham and Women's Hospital/Massachusetts General Hospital

75 Francis Street, A1-3-608A

Boston, MA 02115

Tel: (617) 732-7801 Fax: (617) 730-2833

E-Mail: [ynunez@partners.org](mailto:ynunez@partners.org) Web: [www.partnersobgynres.org](http://www.partnersobgynres.org)

Type of Program: Residency

Sponsoring Hospital(s): Brigham and Women's Hospital/Massachusetts General Hospital

Application deadline: October 1

Length of Program: 4 Years

Total number of positions available: 44

Number for PGY1: 11

Percentage of graduates who enter: 70% postgraduate

Part-time residency: No Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring, Meeting travel funds, Assistance in grant preparation

Training Opportunities: Research, Primary Care Opportunities, Teaching Postgraduate/Subspecialty Fellowships:

Family Planning: Alisa Goloberg, MD

Gynecologic Oncology: Michael Muto, MD

Maternal and Fetal Medicine: Louise Wilkins-Haug, MD

Minimally Invasive GYN Surgery: Jon Einerson, MD; Reproductive Endocrinology and Infertility:

Elizabeth Ginsburg, MD

### Obstetrics and Gynecology Training Program at Beth Israel Deaconess Medical Center

Department Chair and Program Director: Hope Ricciotti, MD

Assistant Director: Monica Mendiola, MD

Contact: Martina DiNapoli

Beth Israel Deaconess Medical Center

330 Brookline Avenue, Kirstein 3rd Floor

Boston, MA 02215

Tel: (617) 667-2285 Fax: (617) 667-0842

E-Mail: [mdinapol@bidmc.harvard.edu](mailto:mdinapol@bidmc.harvard.edu)

Web: <http://www.bidmc.org/Medical-Education/>

Departments/Obstetrics-Gynecology/Residency.aspx

Type of Program: Residency

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

Application deadline: October 1st

Length of Program: 4

Total number of positions available: 24, (6 each year)

Number for PGY1: 6

Percentage of graduates who enter: 40% postgraduate fellowships, 40% academic and/or research careers, 20% primary care career

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds and elective in 2nd & 3rd year

Training Opportunities: Research, Primary Care Opportunities, Community Based Practice Opportunities, and International Health Care

Postgraduate/Subspecialty Fellowships:

Contact Information for Fellowships

Contact: Dafny Suazo

Beth Israel Deaconess Medical Center

330 Brookline Avenue, Kirstein 3rd Floor  
 Boston, MA 02215

Tel: (617) 667-2966 Fax: (617) 667-0842

E-Mail: [dsuazo@bidmc.harvard.edu](mailto:dsuazo@bidmc.harvard.edu)

1. Reproductive, Infertility & Endocrinology:

Alan S. Penzias, MD -

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

2. FPMRS (Female Pelvic Medicine & Reconstructive Surgery)

Program Director- Eman Elkadry, MD

Sponsoring Hospitals: Mt. Auburn Hospital and BIDMC

3. Maternal-Fetal Medicine-

Program Director: Barbara O'Brien, MD

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

4. Minimally Invasive Gynecologic Surgery

Program Director: Hye-Chun Hur, MD MPH

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

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## OPHTHALMOLOGY

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### Ophthalmology

Department Chair: Joan W. Miller, MD

Director: Carolyn Kloek, MD

Massachusetts Eye and Ear Infirmary

243 Charles Street  
 Boston, MA 02114  
 Contact: Charles Ruberto, PhD  
 617-573-3474  
 E-Mail: Charles\_Ruberto@meei.harvard.edu  
 Web: <http://www.masseyeandear.org/education/ophthalmology/residency-program> and <http://eye.hms.harvard.edu/>  
 Type of Program: Residency  
 Sponsoring Hospital(s): Massachusetts Eye and Ear Infirmary  
 Application deadline: September 15  
 Length of Program: 3  
 Number of incoming residents: 8 (enter as PGY2)  
 Percentage of graduates who enter: 80-100% postgraduate fellowships  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: No  
 Program Offerings: Mentoring, Educational funds for books and equipment, Meeting travel funds, Training Opportunities: Variety of clinical training sites, opportunities to participate in research, opportunities to work with medical students.  
 Postgraduate/Subspecialty Fellowships: Anterior Segment, Cornea, External Disease, and Refractive Surgery, Glaucoma, Inherited Retinal Degenerations, Medical Retina, Neuro-Ophthalmology, Ocular Immunology and Uveitis Ophthalmic Pathology, Ophthalmic Plastic and Reconstructive Surgery, Vitreoretinal

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## ORTHOPAEDICS

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### Harvard Combined Orthopaedic Residency Program

Department Chair: Harvard Orthopaedic Chiefs Executive Committee

Program Director: George Dyer, MD

Contact: Ashley Martin

#### Massachusetts General Hospital

55 Fruit Street, WHT 535

Boston, MA 02114

Tel: (617) 726-2942 Fax: (617) 726-3124

E-Mail: [amartin26@partners.org](mailto:amartin26@partners.org)

Web: [www.ortho.hms.harvard.edu](http://www.ortho.hms.harvard.edu)

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital, Beth Israel Deaconess Medical Center, Brigham and Women's Hospital, Boston Children's Hospital

Application deadline: October 15

Length of Program: 5 yr

Total number of positions available: 60

Number for PGY1: 12  
 Percentage of graduates who enter: 100% postgraduate fellowships  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: under certain circumstances  
 Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds, Formal faculty development program  
 Research Training Opportunities  
 Bioengineering, Biomaterials, Molecular, Clinical Outcomes  
 Clinical Fellowships  
 Arthroplasty,  
 Biological Joint Reconstruction,  
 Foot and Ankle, Hand and Upper Extremity  
 Pediatrics  
 Shoulder. Sports, Spine, Tumor and Trauma

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## OTOLARYNGOLOGY

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### Otolaryngology Program at Massachusetts Eye and Ear Infirmary/ Harvard

Department Chair: D. Bradley Welling, MD, PhD

Director: Stacey T. Gray, MD

Contact: Barbara J. Beckman-Beard

#### Massachusetts Eye and Ear

ENT Education 243 Charles Street

Boston, MA 02114-3096

Tel: (617) 573-3654 Fax: (617) 573-3939

E-Mail: [Barbara\\_Beckmanbeard@meei.harvard.edu](mailto:Barbara_Beckmanbeard@meei.harvard.edu)

Web: <http://www.masseyeandear.org/>

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts Eye and Ear

Affiliated Hospitals: Beth Israel Deaconess

Medical Center,

Brigham and Women's Hospital, Boston Children's Hospital

Application deadline: October 1

Length of Program: 5

Total number of positions available: 25

Number for PGY1: 5

Percentage of graduates who enter: 70% postgraduate fellowships, 15% academic careers, 15% private practice

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring available,

Assistance in grant preparation, Meeting travel

funds available

Training Opportunities: Research, Teaching

Postgraduate/Subspecialty Fellowships:

Head and Neck: D.G. Deschler, MD, FACS - MEEI

Laryngology: R.A. Franco, Jr., MD - MEEI

Neurotology: D.J. Lee, MD - MEEI ; Pediatric

Otolaryngology: C.J. Hartnick, MD - MEEI, G.R.

Licameli, MD, FACS - BCH; Plastics/Reconstructive:

T Hadlock, MD-MEEI; Research Training: M. Charles

Lieberman, PhD - MEEI; Rhinology: R.B Metson,

MD- MEEI; Thyroid and Parathyroid Surgery: G.W.

Randolph, MD - MEEI; Vestibular/Balance Disorders:

S.D. Rauch, MD

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## PATHOLOGY

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### Pathology Program at Brigham and Women's Hospital

Department Chair: Jeffrey A. Golden, MD Director:

Marisa Nucci, MD

Contact: Margarita Rosado

#### Brigham and Women's Hospital

75 Francis Street, Department of Pathology

Boston, MA 02115

Tel: (617) 732-8613 Fax: (617) 278-6934

E-Mail: [marosado@partners.org](mailto:marosado@partners.org)

Web: [brighamandwomens.org/pathology](http://brighamandwomens.org/pathology)

Type of Program: Residency

Sponsoring Hospital(s): Brigham and Women's Hospital

Application deadline: November 1

Length of Program: 3-4 years

Total number of positions available: 38

Number for PGY1: 9 (AP & AP/CP), 2 (CP only)

Percentage of graduates who enter: 85% academic and/or research careers, 15% primary care career Part-time

residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation

Training Opportunities: Research, Teaching

Postgraduate/Subspecialty Fellowships:

ACGME certified:

Cytopathology: E. Cibas, MD -BWH

Dermatopathology: G. Murphy, MD FRCP-BWH

Hematopathology: S. Rodig, MD, PhD -BWH

Molecular Genetic Pathology: N. Lindeman, MD -BWH

Neuropathology: U. De Girolami, MD -BWH

ABMG certified: Cytogenetics: C. Morton, PhD -BWH

Non-ACGME certified

GI Pathology: R. Odze, MD - BWH

GU Pathology: M. Hirsch, MD, PhD Pulmonary

Pathology: L. Sholl, MD -BWH Renal Pathology: H.



Rennke, MD -BWH

Soft Tissue Pathology: C.Fletcher, MD FRCP  
- BWH Surgical Pathology: A. Srivastava, MD  
FRCP -BWH Women's and Perinatal Pathology:  
C. Crum, MD-BWH Breast Pathology: S. Lester,  
MD, PhD - BWH Cardiovascular Pathology: G.  
Winters, MD, PhD -BWH

### Pathology Program at Massachusetts General Hospital

Department Chair: David Louis, MD  
Director: Stephen Black-Schaffer, MD  
Contact: Trina Pappadia

#### Massachusetts General Hospital

55 Fruit Street, Warren 219  
Boston, MA 02114-2696  
Tel: (617) 643-4397  
E-Mail: tpappadia@mgh.harvard.edu  
Web: www.mgh.harvard.edu  
Type of Program: Residency  
Sponsoring Hospital(s): Massachusetts General Hospital  
Application deadline: December 1  
Length of Program: 3-4 years  
Total number of positions available: 38  
Number for PGY1: 10 - 12  
Percentage of graduates who enter: 95% post-graduate fellowships, 80% academic and/or research careers, 15% pathology practice career  
Part-time residency: No Shared residency: No  
Allow Moonlighting: No  
Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation  
Training Opportunities: Research, Teaching  
Postgraduate/Subspecialty Fellowships:  
Transfusion Medicine: C. P. Stowell, MD, PhD  
-MGH Bone and Soft Tissue: G. P. Nielsen, MD  
-MGH Breast Pathology: D. C. Sgroi, MD -MGH  
Cardiac: J. R. Stone, MD -MGH Cytopathology:  
R. H. Tambouret, MD -MGH Dermatopathology:  
L. M. Duncan, MD -MGH Gastrointestinal  
Pathology: J. Misdraji, MD -MGH Gynecological  
Pathology: R. H. Young, MD -MGH Head and  
Neck: P. Sadow, MD-MGH Hematopathology: R.  
P. Hasserjian, MD -MGH Immunopathology: A.  
K. Bhan, MD -MGH Informatics: J. R. Gilbertson,  
MD - MGH Molecular Pathology: A. J. Iafrate,  
MD -MGH Nephropathology: R. B. Colvin, MD  
-MGH Neuropathology: M. P. Frosch, MD -MGH  
Pulmonary Pathology: E. J. Mark, MD -MGH  
Surgical Pathology: V. Nose, MD -MGH

### Pathology Residency at Beth Israel

### Deaconess Medical Center

Department Chair: Jeffrey Saffitz, MD, PhD  
Director: Cynthia Hayne, MD, PhD  
Contact: Joan Allin  
Beth Israel Deaconess Medical Center  
30 Brookline Avenue, Department of Pathology  
Boston, MA 02215-5491  
Tel: (617) 667-7284 Fax: (617) 667-7120  
E-Mail: jallin@bidmc.harvard.edu  
Web: www.bidmc.org/pathology  
Type of Program: Residency, Fellowship  
Sponsoring Hospital(s): Beth Israel Deaconess Medical Center  
Application deadline: December 1 for Residency;  
October 1 for Fellowships  
Length of Program: 3 years (AP only/ CP only); 4  
years (AP/CP); 1 year (Fellowships)  
Total number of positions available: 32 residents;  
10 Fellows  
Number for PGY1: 8-9  
Percentage of graduates who enter: 95% post-graduate fellowships,  
60% academic and/or research careers, 40%  
private practice  
Part-time residency: No  
Shared residency: No  
Allow Moonlighting: Yes but certain restrictions  
may apply  
Program Offerings: Outstanding supportive  
training environment; exciting research  
opportunities. For more information and details,  
please visit our website at www.bidmc.org/  
pathology  
Postgraduate/Subspecialty Fellowships:  
Selective (Breast, GI, Surgical Pathology)Tracy  
Challies, MD- Director ; Cytopathology: Gamze  
Ayata, MD - Director; Hematopathology: German  
Pihan, MD - Director; Neuropathology: M.  
Anderson, MD, PhD; HMS Combined (but  
non-BIDMC-sponsored Fellowships): Molecular  
Genetics (J. Longtine, MD, BWH) Transfusion  
Medicine (R. Kaufmann, MD, BWH) HMS  
Dermatopathology (G. Murphy, BWH)

## PEDIATRICS

### Boston Combined Residency Pediatric Program

Department Chair: Gary Fleisher, MD - BCH, and  
Robert J. Vinci, MD-BMC; Program Directors:  
Ted Sectish, MD-BCH; Kate Michelson, MD-BMC  
Contact: Elayne Fournier

#### Boston Children's Hospital

300 Longwood Avenue, Hunnewell 2  
Boston, MA 02115

Tel: (617) 355-8241 Fax: (617) 730-0469  
E-Mail: bcrp@childrens.harvard.edu  
Web: www.childrenshospital.org/bcrp/  
Type of Program: Residency  
Sponsoring Hospital(s): Boston Children's  
Hospital/ Boston Medical Center  
Application deadline: October 31  
Length of Program: 3 Years  
Total number of positions available: 139 (includes  
combined tracks of Child Neurology, Pediatrics  
Anesthesia and Medical Genetics)  
Number for PGY1: 46 46 (includes combined  
tracks of Child Neurology, Pediatrics Anesthesia  
and Medical Genetics)  
Percentage of graduates who enter: 83% post-  
graduate fellowships, 9% Practice Career (Private  
Practice, Neighborhood Health Centers & HMOs)  
Part-time residency: Yes  
Shared residency: Yes  
Program Offerings: Mentoring available, Meeting  
travel funds available, Assistance in grant  
preparation, Research start-up funds, Formal  
faculty development program  
Training Opportunities Research, Primary Care  
Opportunities, Teaching, Consultation/Liaison,  
Community Based Practice Opportunities  
Postgraduate/Subspecialty Fellowships Adolescent  
Medicine: S.J. Emans, MD - BCH Allergy/  
Immunology: Hans C. Oettgen, MD, PhD  
Pediatric Cardiology: David Brown, MD  
Child/Adolescent Psychiatry; Robert L. Kitts, MD  
Medical Biochemical Genetics- Gerald Berry, MD,  
PhD; Clinical Neurophysiology and Epilepsy:  
Philip Pearl, MD  
Dentistry Linda Nelson, DMD; Pediatrics Critical  
Care: Meredith van der Velden, MD-BCH  
Pediatric Dermatology res. coordinator) Stephen  
Gellis, MD  
Developmental and Behavioral Pediatrics:  
Lisa A.Prock, MD, MPH - BMC and Naomi  
SteinerMD; Pediatric Emergency Medicine:  
Joshua Nagler, MD -BCH; David Dorfman, MD  
Pediatric Endocrinology/Metabolism: Joseph A.  
Majzoub, MD - BCH; Diane Stafford, MD - BCH  
Pediatric Gastroenterology and Nutrition: Paul  
Rufo, MD - BCH  
General Pediatrics: Mark A. Schuster, MD, PhD;  
Megan Bair-Meritt, MD; Pediatric Environmental  
Health: Alan Wolf, MD, MPH; Harvard Pediatric  
Health Services Research: Jonathan Finkelstein,  
MD; Genetics: Amy E. Roberts, MD - BCH  
Pediatric Hematology/Oncology: David Williams,  
MD - BCH; Palliative Care Fellowship:  
BCH - Joanne Wolfe, MD; Neuro-Oncology  
Fellowship: Mark W. Kieran, MD, PhD;  
Pediatric Infectious Diseases: Tanvi Sharma, MD-

BCH; Eliabeth Barnett, MD; Medical Toxicology: Michelle. Burns-Ewald, MD - BCH  
 Pediatric Nephrology: Michael Ferguson, MD  
 Neurodevelopmental Disabilities: David Urion, MD; Neurosurgery: A. John Popp, MD  
 Newborn Medicine: Helen Christou, MD  
 Ophthalmology: Deborah Vanderveen, MD  
 Orthopedics, James Kasser, MD  
 Orthopedics Sports Medicine: Lyle Micheli, MD  
 Otolaryngology: Michael Cunningham, MD  
 Pediatric Anesthesia: David Waisel, MD  
 Pediatric Epidemiologic Research: M.J. Corwin, MD - BMC; Plastic Surgery: John G. Meara, MD, DMD, MBA; Pediatric Pulmonary and Respiratory Diseases: Debra. Boyer - BCH; Pediatric Surgery: Craig Lillehei, MD; Pediatric Urology: Bart Cilento, MD; Adolescent and Young Adult Hip: Michael Millis, MD; Cardiac Anesthesia: Kristin Odegard, MD; Pediatric Interventional Radiology - Ahmed Alomari, MD; Pediatric Neuroradiology: Richard Robertson; Pain Medicine: Charles Berde, MD; Primary Care Sports Medicine: Pierre D'Hemecourt, MD; Pediatric Pathology: Theonia Boyd, MD; Pediatric Radiology - Sarah Bixby, MD  
 Pediatric Rheumatology - Hans C. Oettgen, MD, PhD; Sleep Medicine - Sanjeev Kothare; Surgical Critical Care - Jay Wilson

### Massachusetts General Hospital Pediatric Residency

Department Chair: Ronald Kleinman, MD  
 Director: Shannon Scott-Vernaglia, MD  
 Contact: Christine Hurley  
 Massachusetts General Hospital  
 175 Cambridge St., 5th Floor - CPZS 591  
 Boston, MA 02114  
 Tel: (617) 726-7782 Fax: (617) 726-5961  
 E-Mail: residencyrecruitment@partners.org  
 Web: www.massgeneralforchildren.org/residency  
 Type of Program: Residency  
 Sponsoring Hospital(s): Massachusetts General Hospital,  
 Application deadline: October 15  
 Length of Program: 3  
 Total number of positions available: 49  
 Number for PGY1: 14-18  
 Percentage of graduates who enter:  
 50% General Peds; 50% Subspecialty Career  
 Shared residency: Yes  
 Allow Moonlighting: Yes, within ACGME work hour rules  
 Program Offerings: Mentoring Available, AAP Membership for all residents  
 Training Opportunities: N/A  
 Postgraduate/Subspecialty Fellowships:  
 Pediatric Critical Care: Phoebe Yager, MD - MGH

Pediatric Endocrinology: Madhu Mirsa, MD - MGH; Pediatric Gastroenterology: G. Russell, MD - MGH; Pediatric Pulmonary: B. Nelson, MD - MGH

### Massachusetts General Hospital Med Peds Residency

Director: Evangeline Galvez, MD  
 Contact: Christine Hurley  
 Harvard MGH Medicine-Pediatrics Program  
 175 Cambridge St., 5th Floor CPZS 591  
 Boston, MA 02114  
 Tel: (617) 726-7782 Fax: (617) 726-5961  
 E-Mail: medpedsresidency@partners.org ; churley3@partners.org  
 Web: http://medpeds.hms.harvard.edu/  
 Type of Program: Residency  
 Sponsoring Hospital: Massachusetts General Hospital  
 Cambridge Hospital, Massachusetts Eye and Ear Infirmary, Brigham and Women's Hospital, Newton-Wellesley Hospital, North Shore Children's Hospital, and Community Health Centers.  
 Application deadline: October 1  
 Length of program: 4  
 Total number of positions available: 16  
 Number of PGY1: 4  
 Percentage of graduate entering: graduate fellowships - 30%  
 Academic and/or research careers - 20%  
 Primary care career - 50%  
 Shared Residency: Yes  
 Allow moonlighting: Yes within ACGME work hour rules  
 Program Offerings: mentoring, AAP membership for all residents  
 Postgraduate/Subspecialty Fellowship:  
 Pediatric Critical Care: N. Novsiki, MD - MGH;  
 Pediatric Endocrinology: L. Levitsky, MD - MGH; Pediatric Gastroenterology and Nutrition: G. Russell, MD-MGH; Pediatric Pulmonary: T. Kinane, MD-MGH.  
 Notes: MedPeds resident also benefit from the leadership, training and mentorship offered by the MGH Center for Global Health <http://www.mgh.harvard.edu/globalhealth> and the MGHfC Division of Global Health.

## PHYSICAL MEDICINE AND REHABILITATION

### Physical Medicine and Rehabilitation

Department Chair: Ross Zafonte, DO  
 Director: Kevin C. O'Connor MD  
 Contact: Katie Blaikie, Assistant of Academics  
 Spaulding Rehabilitation Hospital

300 First Avenue  
 Charlestown, MA 02129  
 Tel: (617) 952-5243 Fax: (617) 952-5934  
 E-Mail: kblaikie@partners.org  
 Web: www.spauldingrehab.org  
 Type of Program: Residency  
 Sponsoring Hospital(s): Spaulding Rehabilitation Hospital  
 Application deadline: October 30  
 Length of Program: 3  
 Total number of positions available: 8 per year  
 Number for PGY1: 0  
 Percentage of graduates who enter: 40% academic and/or research careers, 60% private practice  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: Yes, for PGY 4 year  
 Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation  
 Training Opportunities: Research, Teaching, Consultation/Liaison  
 Postgraduate/Subspecialty Fellowships:  
 Sports Medicine: J. Borg-Stein, MD - SRH  
 Spinal Cord Injury: S. Sabharwal, MD - VAMC  
 Traumatic Brain Injury: S. Herman, MD - SRH  
 Pediatric Rehabilitation: D. Nimec, MD-SRH

## PLASTIC SURGERY

### Harvard Plastic Surgery Combined Residency Program

Department Chair: TBD - BWH, Williams Austen, Jr., MD-MGH; Bernard Lee, MD - BIDMC, Branko Bojovic, MD - Shriners Hospital for Children, John Meara, MD - BCH  
 Director: Michael Yaremchuk, MD  
 Contact: Michele Barnes  
**Brigham and Women's Hospital**  
 55 Fruit St., WACC 435, MGH Division of Plastic Surgery, Boston, MA 02114  
 Tel: Program Director: (617) 643-9275  
 mbarnes1@partners.org  
 Web: <http://plasticsurgeryresidency.hms.harvard.edu>  
 Type of Program: Residency  
 Participating Hospital(s): Brigham and Women's Hospital, Beth Israel Deaconess Medical Center, Children's Hospital Boston, Massachusetts General Hospital, Shriners' Burn Hospital  
 Application deadline: varies  
 Length of Program: Independent: 3 years, Integrated: 6 years  
 Total number of positions: Independent: 9;

Integrated: 18  
 Number for PGY1: 3 for each program  
 Percentage of graduates who enter: 50% post-graduate fellowships, 50% academic and/or research careers, - primary care career  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: No  
 Program Offerings: Comprehensive curriculum in all areas of plastic surgery  
 Training Opportunities: N/A  
 Postgraduate/Subspecialty Fellowships are sponsored by the Divisions of Plastic Surgery at each hospital, not the residency programs.  
 Non-accredited Cranio-Facial Surgery:  
 J. Mulliken, MD - BCH ; Aesthetic and Reconstructive Plastic Surgery: S.Lin, MD - BIDMC, S. Slavin, MD - BIDMC; Craniofacial: M. Yaremchuk, MD - MGH; Breast: J. Austen, MD - MGH; Reconstructive Breast and Microsurgery: A. Tobias, MD - BIDMC  
 Accredited: Hand: J. Upton, MD - BIDMC

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## PSYCHIATRY

### Cambridge Hospital Residency in Child & Adolescent Psychiatry

Department Chair: Marshall Forstein, MD  
 Training Director: Sandra DeJong, MD  
 Contact: Roopali Bhargava, Cambridge Hospital/  
**Cambridge Health Alliance**  
 1493 Cambridge Street, Macht Building  
 Cambridge, MA 02139  
 Tel: (617) 665-3267 Fax: (617) 575-5158  
 E-Mail: rbhargava@challiance.org  
 Web: www.challiance.org  
 Type of Program: Residency in Child and Adolescent Psychiatry  
 Sponsoring Hospital(s): Cambridge Hospital/  
 Cambridge Health Alliance  
 Application deadline: October 15  
 Length of Program: 2 Years  
 Total number of positions available: 10 (5 per year)  
 Number for PGY1: 0 (Enter at PGY 3 or 4 level, usually)  
 Percentage of graduates who enter: 10% post-graduate fellowships, 30% academic and/or research careers, 60% primary care career  
 Allow Moonlighting: Yes  
 Program Offerings: Mentoring, Meeting travel funds available, Assistance in scholarship, community / educational / multi-cultural training and research  
 Training Opportunities: Psycho-social Research, Integrative Mental Health and Primary

Care, Teaching, Consultation/Liaison, Community Based Practice Opportunities,  
 Inpatient, Outpatient, School, Forensics, Emergency  
 Psychiatry, Inpatient and Outpatient C/L  
 Postgraduate/Subspecialty Fellowships: N/A  
 Comments: N/A

### Cambridge Hospital Residency in Psychiatry

Department Chair: Interim- Marshall Forstein, MD; Residency Director: Marshall Forstein, MD  
 Contact: Cristal Martinez  
**Cambridge Health Alliance**  
 1493 Cambridge Street, Department of Psychiatry  
 Cambridge, MA 02139  
 Tel: (617) 665-1187  
 E-Mail: AdPsychRes@cha.harvard.edu  
 Web: www.challiance.org/academic/adult-psychiatry-residency.aspx  
 Type of Program: Internship, Residency, Fellowship Sponsoring Hospital(s): The Cambridge Health Alliance (The Cambridge Hospital, Somerville Hospital, CHA-Everett Hospital, Central St. Primary Care, and other satellite minority clinics)

Application deadline: November 1  
 Length of Program: 4  
 Total number of positions available: 8 residents/ year  
 Number for PGY1: 8  
 Percentage of graduates who enter: 50% post-graduate fellowships, 75% academic and/or research careers, 80% public sector (full or part-time), 50% private practice (full or part-time)  
 Part-time residency: Yes  
 Shared residency: Yes  
 Allow Moonlighting: Yes  
 Training Opportunities: Research, Teaching, Consultation/Liaison, Community Based Practice Opportunities, Psychotherapy, Psychopharmacology, In-patient Psychiatry, Acute Services, Community Outreach, Linguistic and Cultural Clinics  
 Postgraduate/Subspecialty Fellowships: Geriatrics, Psychotherapy Fellowship, Consultation- Liaison Psychiatry, Child Psychiatry

### Harvard Longwood Psychiatry Residency Training Program

Department Chair: David Silbersweig, MD  
 Director: Christie L. Sams, MD  
 Contact: Silvia Graziano  
 Residency Training Coordinator  
 Harvard Longwood Psychiatry Residency Training Program  
 330 Brookline Avenue, Rabb-2

Boston, MA 02215  
 Ph. 617-667-1029  
 Fax 617-667-5575  
 sgrazian@bidmc.harvard.edu  
 Type of Program: Residency  
 Sponsoring Hospital(s): Beth Israel Deaconess Medical Center, Brigham and Women's Hospital, Boston Children's Hospital, Faulkner Hospital, Massachusetts Mental Health Center  
 Application deadline: November 1  
 Length of Program: 4  
 Total number of positions available: 60  
 Number for PGY1: none for 2017-18  
 Percentage of graduates who enter: 50% post-graduate fellowships, 50% academic and/or research careers  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: Yes  
 Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation  
 Training Opportunities: Research, Primary Care Opportunities, Teaching, Consultation/Liaison, Community Based Practice Opportunities

### Harvard South Shore Psychiatry Residency Training Program

Department Chair: Robert W. McCarley, MD-VA, Director: Chandlee C. Dickey, MD  
 Contact: Ponniece Champlin:  
 Ponniece.champlin@va.gov  
 or ErinLovell: erin.lovell@va.gov  
 VA Boston Healthcare System, Brockton Division  
 940 Belmont Street Brockton, MA 02301  
 Tel: 774-826-2458; 508 583-4500 ext. 62458 or 62456; Fax: 774-826-1859  
 Web: www.harvardsouthshorepsychiatry.org  
 Type of Program: Residency  
 Sponsoring Hospital(s): VA Boston Healthcare System, Harvard Division at Brockton-West Roxbury  
 Application deadline: December 1  
 Length of Program: 4  
 Total number of positions available: 32  
 Number for PGY1: 8  
 Percentage of graduates who enter: 80% postgraduate fellowships, 20% primary care career  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: Yes  
 Program Offerings: Mentoring available, Assistance in grant preparation  
 Training Opportunities: General Psychiatry, Leadership Development, Psychotherapy Focus, Research, Teaching, Psychiatry in Primary Care



PTSD and Community Based Practice and Managed Care

Comments: An elective program with diverse patient population; Off-site rotations at other Harvard affiliated hospitals; Active resident involvement in program improvement.

### Massachusetts General Hospital/McLean Adult Psychiatry Residency Training Program

Department Chief: Jerrold Rosenbaum, M.D.

Director: Felicia Smith, M.D.

Contact: Joy Littlefield, M.B.A./H.A.

Massachusetts General Hospital

15 Parkman Street

Department of Psychiatry, WACC 812

Boston, MA 02114

Tel: (617) 726-9550 Fax: (617) 724-0308

E-Mail: [jlittlefield2@partners.org](mailto:jlittlefield2@partners.org)

Web: <http://mghmcleanpsychiatry.partners.org>

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital, McLean Hospital

Application deadline: October 1

Length of Program: 4 years

Total number of positions available: PGI-IV = 64

Number for PGY1: 14 - 16

Percentage of graduates who enter: 60% post-graduate fellowships, 50% academic and/or research careers, 30% primary care career

Part-time residency: No Allow Moonlighting: Yes

Program Offerings: Research - Clinical and basic science, Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds, statistical support  
Training Opportunities: Research - Clinical and basic science, Primary Care Opportunities, Teaching, Consultation/Liaison, Community Based Practice Opportunities, International Psychiatry

Postgraduate/Subspecialty Fellowships:

Addictions: Roger Weiss, MD ; Child: David

Rubin, MD; Psychosomatic Medicine: Nick

Kontos, MD; Forensic: Ron Schouten, MD

Geriatric Psychiatry: Feyza Marouf, MD

Public and Community Psychiatry: Oliver

Freudenriech, MD; Women's Mental Health: Amy

Gagliardi, MD

Postgraduate Research Fellowships: HMS

Department of Psychiatry Dupont-Warren

Fellowship; HMS Department of Psychiatry

Kaplen Fellowship; HMS Department of

Psychiatry Livingston Fellowship; HMS

Department of Psychiatry Norman E. Zonberg

Fellowship in Addition Research; McLean

Hospital Adam Corneel Young Investigator

Award; McLean Hospital Maria Lorenz Pope Fellowship; McLean Hospital The Andrew P. Merrill Memorial Research Fellowship; McLean Hospital The Pope-Hinta Endowed Fellowship Award; McLean Hospital Frazier Research Institute and the Schizophrenia Bipolar Disorder Fellowship

### Massachusetts General Hospital/McLean Child and Adolescent Psychiatry Program

Department Chair: Jerrold Rosenbaum, MD,

Director: David Rubin, MD

Contact: Sandrine G. Medeiros

Massachusetts General Hospital

55 Fruit Street Yawkey 6A

Boston, MA 02114

Tel: (617) 726-1620 Fax: (617) 726-9136

E-Mail: [sgmediros@mgh.harvard.edu](mailto:sgmediros@mgh.harvard.edu)

Web: [www.mghmclean.org](http://www.mghmclean.org)

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital, McLean

Application deadline: September 31

Length of Program: 2

Total number of positions available: 18

Entry is through ERAS / MATCH

Percentage of graduates who enter:

65% academic and/or research careers,

75% private practice

Part-time residency: Yes Shared residency: Yes

Allow Moonlighting: Yes

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Formal faculty development program

Training Opportunities: Research, Primary Care Opportunities, Teaching, Consultation/Liaison, Community Based

Practice Opportunities Postgraduate/Subspecialty Fellowships: Yes, on an individual basis

## RADIATION ONCOLOGY

### Harvard Radiation Oncology Program

Department Chair and Training Director:

Anthony L. Zietman, MD -MGH, DFCl, BCH;

Contact: Amanda Maidment

Harvard Radiation Oncology Program/MGH

55 Fruit Street, Lenderr Bldg, LL238

Boston, MA 02114

Tel: (617) 724-9413

E-Mail: [amaidment@mgh.harvard.edu](mailto:amaidment@mgh.harvard.edu)

Web: [www.harvardradiationoncologyprogram.org](http://www.harvardradiationoncologyprogram.org)

Type of Program: Residency

Sponsoring Hospital(s): **Brigham and Women's Hospital, Dana-Farber Cancer Institute, Massachusetts General Hospital**

Application deadline: November 1

Length of Program: 4 years

Total number of positions available: 7

Number for PGY1: 0 (starts in PGY2 after one-year internship elsewhere)

Percentage of graduates who enter: 90% academic and/or research careers, <10% primary care career

Allow Moonlighting: Yes

Program Offerings: Mentoring available, Meeting travel funds available,

Training Opportunities: Research, Teaching

Postgraduate/Subspecialty Fellowships: N/A

Radiology

## DIAGNOSTIC RADIOLOGY

### Brigham and Women's Hospital Diagnostic Radiology Residency

Department Chair: Giles W.L. Boland, MD

Director: Glenn C. Gaviola, MD

Contact: Ryan Hewitt, Program Coordinator  
[rthweitt@partners.org](mailto:rthweitt@partners.org)

### Brigham and Women's Hospital

75 Francis Street, Department of Radiology

Boston, MA 02115

Tel: (617) 278-0702 Fax: (617) 264-5250

E-Mail: [rthweitt@PARTNERS.ORG](mailto:rthweitt@PARTNERS.ORG)

Type of Program: Residency

Sponsoring Hospital(s): Brigham and Women's Hospital, Children's Hospital Boston, Massachusetts Eye and Ear Infirmary, Dana-Farber Cancer Institute Application deadline: October 1

Length of Program: 4 Years

Total number of positions available: 32

Number for PGY1: 0 (Residents begin in PGY2 (8), upon completion of internship)

Percentage of graduates who enter: 90% post-graduate fellowships, 40% academic and/or research careers, 60% private practice

Part-time residency: No Shared residency: No

Allow Moonlighting: Yes

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds

Training Opportunities: Research, Teaching, Consultation/Liaison

Postgraduate/Subspecialty Fellowships:

Abdominal Imaging and Intervention: R. Dunne,

MD - BWH; Angiography and Interventional: T.

Killoran, MD; Breast Imaging, Women's Imaging:

S. Raza, MD; Cardiovascular: R. Blankstein, MD, J.

Wu, MD - BWH.

### **Diagnostic Radiology at Beth Israel Deaconess Medical Center**

Department Chair: Jonathan B. Kruskal, MD, PhD  
 Director: Priscilla Slanetz, MD, MPH  
 Contact: Tabitha Fineberg

#### **Beth Israel Deaconess Medical Center**

330 Brookline Avenue  
 Boston, MA 02215  
 Tel: (617) 667-3532 Fax: (617) 667-8212  
 E-Mail: tfienber@bidmc.harvard.edu  
 Web: <http://bidmc.org/MedicalEducation/Departments/Radiology>

Type of Program: Residency, Fellowship  
 Sponsoring Hospital(s): Beth Israel Deaconess Medical Center,  
 Outside Rotations: American Institute for Radiologic Pathology, Boston Children's Hospital, Massachusetts Eye and Ear Infirmary  
 Application deadline: October 15th  
 Length of Program: 4 years  
 Total number of positions available: 40  
 Number for PGY1: 0 (10 residents begin in PGY-2, upon completion of internship.)

Percentage of graduates who enter: post-graduate fellowships: 95%-100%; academic and/or research careers: 60%; private practice career: 40%.

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes (selective – PGY3 level and above, with approval of program director)

Program Offerings: Mentoring program, national and regional academic meeting opportunities, PQI/ QA projects, reflective professionalism curriculum; peer observation teaching program; research opportunities; formal teaching of medical students; strong alumni network.

Training Opportunities: PGY-5 Clinical Mini-fellowships in all 10 subspecialties; PGY-5

Non-clinical Mini-fellowships in: Global Health, Medical Education, Quality Improvement, Research, Information Technology, and Healthcare Economics/Policy.

Postgraduate/Subspecialty Fellowships:

Abdominal Imaging: Bettina Siewert, MD – BIDMC ; Breast Imaging: Valerie Fein-Zachary, MD/Tejas Mehta, MD – BIDMC

MRI: Karen Lee, MD – BIDMC

Musculoskeletal: Mary Hochman, MD – BIDMC

Neuroradiology: David Hackney – BIDMC

Thoracic Imaging: Diana Litmanovich, MD – BIDMC ; Vascular/Interventional (VIR): Muneeb Ahmed – BIDMC

### **Diagnostic Radiology Program at Massachusetts General Hospital**

Department Chair: James A. Brink, MD Director:

Theresa C. McLoud, MD

Contact: Melanie Miller, Program Coordinator  
 mrmiller@partners.org

#### **Massachusetts General Hospital**

14 Fruit Street, Dept. of Radiology - MZFND 216  
 Boston, MA 02114

Tel: (617) 724-4255 Fax: (617) 726-3077

E-Mail: [tmcloud@partners.org](mailto:tmcloud@partners.org)

Web: [www.mghradres.org](http://www.mghradres.org)

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital

Application deadline: November 1

Length of Program: 4

Total number of positions available: 8/year

Number for PGY1: 0

Percentage of graduates who enter: 90% post-graduate fellowships, 30% academic and/or research careers, 70% private practice

Part-time residency: No Shared residency: No

Allow Moonlighting: Yes

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Formal faculty development program

Training Opportunities: Research, Teaching

Postgraduate/Subspecialty Fellowships:

Abdominal & Interventional Radiology: Michael Blake, MD; Breast Imaging Radiology: Manisha Bahl, MD; Cardiovascular Imaging: Program

Director: Brian Ghoshhajra, MD, Associate

PD: Nandini Meyersohn, MD; Emergency

Radiology: Ajay Kumar Singh, MD; Endovascular

Neurosurgery: Aman Patel, MD

Interventional Radiology / Endovascular

Neurosurgery: James Rabinov, MD

Musculoskeletal Imaging / Intervention: Connie Chang, MD; Neuroradiology: Pamela Schaefer, MD; Nuclear Radiology: Leonard Connolly, MD

Pediatric Radiology: Katherine Nimkin, MD

Thoracic Imaging: Matthew Gilman MD

Interventional Radiology: T. Gregory Walker, MD

Comments: N/A

### **Mount Auburn Hospital Diagnostic Radiology**

Department Chair: Michael J. Shortsleeve, MD, FACR

Director: J. Pierre Sasson, MD

Contact: Annika Mitchell - Residency Coordinator

#### **Mount Auburn Hospital**

330 Mount Auburn Street

Cambridge, MA 02238

Tel: (617) 441-1610 Fax: (617) 499-5193

E-Mail: [amitche3@mah.harvard.edu](mailto:amitche3@mah.harvard.edu)

Web: <http://www.mountauburnhospital.org/>

Type of Program: Residency

Sponsoring Hospital(s): Mount Auburn Hospital, Children's Hospital Boston, Massachusetts General Hospital

Application deadline: October 15

Length of Program: 4

Total number of positions available: 12 (Clinical internship required)

Number for PGY2-3 positions, PGY3-3 positions, PGY4-3 positions, PGY5-3 positions

Percentage of graduates who enter: 100% post-graduate fellowships, 56% academic and/or research, 44% private practice/community

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes

Program Offerings: Meeting travel funds available

The resident-centric environment provides trainees with exceptional hands-on procedural experience and exposure to a high volume of diverse pathology while working and learning in a state-of-the-art facility in a highly supportive and collaborative environment. Our residents benefit from customized educational opportunities so they can achieve a broad mastery of radiology and excel in their individual pathways. Trainees also benefit from regularly scheduled lectures from nationally recognized leaders and rotate through Boston Children's Hospital, Massachusetts General Hospital, and Massachusetts Eye and Ear Infirmary. All residents actively participate in scientific investigation, quality improvement projects, and teach local and international medical students and residents. Through our recent partnership with Hospital Universitaire de Mirebalais in Haiti, faculty and residents have the unique opportunity to provide imaging care via teleradiology to the undeserved and disadvantaged. Postgraduate/Subspecialty

Fellowships: No

Comments: N/A

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## **SURGERY**

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### **Beth Israel Deaconess Medical Center General Surgery Program**

Department Chair: Elliot Chaikof, M.D, PhD

Director: Tara Kent, MD

Contact: Rachel Sampson

#### **Beth Israel Deaconess Medical Center**

110 Francis Street, Suite 9B

Boston, MA 02215

Tel: (617) 632-9236 Fax: (617) 632-7424

E-Mail: [surgedu@bidmc.harvard.edu](mailto:surgedu@bidmc.harvard.edu)

Web: <http://www.bidmc.harvard.edu/surgery>

Type of Program: General Surgery Residency

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

Application deadline: November 1st

Length of Program: 5 years\* Categorical Track; 1 year Preliminary Track

\* This number is representative of the length of the clinical training program. Residents often take a 2-3 year research elective.

Total number of positions available: 57

Number for PGY1: 16 (Categorical = 9;

Preliminary = 7)

Percentage of graduates who enter: 90% post-graduate fellowships, 10% academic and/or research careers

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring available

Training Opportunities: Research, Teaching

Postgraduate/Subspecialty Fellowships:

Surgical Critical Care: Alok Gupta, MD

Thoracic Surgery: Sidhu Gangadharan, MD

Vascular Surgery: Mark Wyers, MD

Transplant Surgery: Amy Evenson, MD

Minimally Invasive Surgery: Daniel Jones, MD

### **Beth Israel Deaconess Medical Center Integrated Vascular Surgery Residency Program**

Department Chair: Elliot Chaikof, M.D, PhD

Director: Mark Wyers, MD

Contact: Lauren DiVincenzo

#### **Beth Israel Deaconess Medical Center**

110 Francis Street, Suite 9B

Boston, MA 02215

Tel: (617) 632-9515 Fax: (617) 632-7424

E-Mail: [surgedu@bidmc.harvard.edu](mailto:surgedu@bidmc.harvard.edu)

Web: <http://www.bidmc.org/vascularsurgery>

Type of Program: Integrated Vascular Surgery Residency

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

Application deadline: November 1st

Length of Program: 5 years

\* This number is representative of the length of the clinical training program. Residents often take a 2 year research elective.

Total number of positions available: 5

Number for PGY1: 1

Percentage of graduates who enter: Program began July of 2015 therefore there are no graduates of the program at this time

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring available

Training Opportunities: Research, Teaching

### **Brigham and Women's Hospital General Surgery**

Department Chair: Gerard Doherty, MD

Director: Douglas S. Smink, MD, MPH

Contact: Sarah B. Herd

Brigham and Women's Hospital

75 Francis Street

Boston, MA 02115

Tel: (617) 732-6861 Fax: (617) 264-6850

E-Mail: [surgeryeducation@partners.org](mailto:surgeryeducation@partners.org)

Web: [http://www.brighamandwomens.org/Departments\\_and\\_Services/surgery/medical\\_professionals/surged/Medical\\_Professionals/GeneralSurgeryResidency.aspx](http://www.brighamandwomens.org/Departments_and_Services/surgery/medical_professionals/surged/Medical_Professionals/GeneralSurgeryResidency.aspx)

Departments\_and\_Services/surgery/medical\_professionals/surged/Medical\_Professionals/GeneralSurgeryResidency.aspx

Type of Program: Residency

Sponsoring Hospital(s): Brigham and Women's Hospital

Application deadline: October 15

Length of Program: 5 (plus 2 yr research)

Total number of positions available: 9 First Year

Number for PGY1: 9

Percentage of graduates who enter: 99% post-graduate fellowships, 99% academic and/or research careers, 1% private practice

Part-time residency: No

Shared residency: No

Allow Moonlighting: Yes, during research years only

Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, Research start-up funds

Training Opportunities: Research, Joint 4:3

Thoracic Surgery Training, Community Based

Practice Opportunities, Global Health, Health

Disparities, Center for Surgery in Public Health

Postgraduate/Subspecialty Fellowships:

Acute Care Surgery: Edward Kelly, MD

Cardio-Thoracic Surgery: Michael Jaklitsch, MD

Colon and Rectal Surgery: Ronald Bleday, MD

Endocrine Surgery: Matthew Nehs, MD

Minimally Invasive Surgery: Ali Tavakkoli, MD

Plastic Surgery: Michael Yaremchuk, MD

Surgical Critical Care: Reza Askari, MD

Surgical Oncology: Chandrajit Raut, MD

Thoracic Oncology: Raphael Bueno, MD

Vascular Surgery: Matthew Menard, MD

Comments: N/A

### **Surgical Residency Program at MGH**

Department Chair: Keith Lillemoe, MD

Director: John T. Mullen, MD

Contact: Lois Parker

#### **Massachusetts General Hospital**

55 Fruit Street, GRB 425

Boston, MA 02114

Tel: (617) 726-2803 Fax: (617) 724-3499

E-Mail: [lparker2@partners.org](mailto:lparker2@partners.org)

Web: <http://www.massgeneral.org/education/residency.aspx?id=77>

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital

Application deadline: October 1

Length of Program: 5

Total number of positions available: 62

Number for PGY1: 9 categorical

Percentage of graduates who enter: Post-Graduate Fellowship - 93%; Private Practice - 7%

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Mentoring available, Meeting travel funds available

Training Opportunities: Research

Postgraduate/Subspecialty Fellowships (Program Directors):

Cardiac Surgery - George Tolis, M.D.

Thoracic Surgery - Douglas Mathisen, M.D.

Vascular Surgery - Mark F. Conrad, M.D.

Surgical Critical Care - Marc de Moya, M.D.

Hand and Microsurgery - Neal C. Chen, M.D.

Transplant Surgery - James Markmann, M.D.

Comments: N/A

### **Vascular Surgery Integrated Program at Massachusetts General Hospital**

Department Chair: Keith Lillemoe, MD

Director: Mark Conrad, MD

Contact: Dianna McLean

#### **Massachusetts General Hospital**

WAC-440

15 Parkman Street

Boston, MA 02114

Tel: (617) 726-6589 Fax: (617) 726-0920

E-Mail: [dmclean4@partners.org](mailto:dmclean4@partners.org)

Web: [www.massgeneral.org/vascularcenter/education/residency.aspx?id=85](http://www.massgeneral.org/vascularcenter/education/residency.aspx?id=85)

Type of Program: Integrated Vascular Residency

Sponsoring Hospital: Massachusetts General Hospital

Application deadline: October 1

Length of Program: 5 years

Total number of positions available: 10 total

Number for PGY1: 2



Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: No  
 Program Offerings: Mentoring available, Meeting  
 travel funds available  
 Research Opportunities

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## UROLOGY

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### Harvard Program in Urology The Harvard Program in Urology

Department Chair: Adam Kibel, MD  
 Director: George Haleblan, MD  
 Contact: Tawnya Smith

#### Brigham and Women's Hospital

75 Francis Street  
 Boston, MA 02115  
 Tel: (617) 525-7372 Fax: (617) 525-6348  
 E-Mail: [surgeryeducation@partners.org](mailto:surgeryeducation@partners.org)  
 Web: [www.brighamandwomens.org/Departments\\_and\\_Services/surgery/medical\\_professionals/surged/Medical\\_Professionals/HarvardUrology.aspx?sub=3](http://www.brighamandwomens.org/Departments_and_Services/surgery/medical_professionals/surged/Medical_Professionals/HarvardUrology.aspx?sub=3)

Departments\_and\_Services/surgery/medical\_professionals/surged/Medical\_Professionals/HarvardUrology.aspx?sub=3

Type of Program: Residency  
 Sponsoring Hospital(s): Brigham and Women's  
 Hospital, Beth Israel Deaconess Medical Center,  
 Boston Children's Hospital  
 Application Deadline: September 28  
 Length of Program: 4; preliminary year in BWH  
 general surgery residency; start urology training  
 in PGY-2

Total number of positions available: 3  
 Percentage of Graduates who enter 40%  
 fellowships, 50% private practice, 10% academic  
 positions  
 Part-time Residency: No  
 Shared Residency No  
 Allow Moonlighting: Yes

### The Harvard Program in Urologic Surgery at Massachusetts General Hospital

Department Chair: Michael L. Blute, MD  
 Program Director: Aria F. Olumi, MD, FACS  
 Contact: Kimberly Williams

#### Massachusetts General Hospital

55 Fruit Street, Department of Urology  
 Boston, MA 02114  
 Tel: (617) 726-8078 Fax: (617) 726-6131  
 E-Mail: [kwilliams40@partners.org](mailto:kwilliams40@partners.org)  
 Web: [www.massgeneral.org/urology](http://www.massgeneral.org/urology)

Type of Program: Residency  
 Sponsoring Hospital(s): Massachusetts General  
 Hospital, Boston Children's Hospital

Application deadline: September 30  
 Length of Program: 4  
 Total number of positions available: 12  
 Number for PGY1: 3  
 Percentage of graduates who enter: 50% post-  
 graduate fellowships, 50% academic and/or  
 research careers  
 Part-time residency: No  
 Shared residency: No  
 Allow Moonlighting: No  
 Program Offerings: Mentoring available, Meeting  
 travel funds available, Assistance in grant  
 preparation, Formal faculty development program  
 Training Opportunities: Research, Teaching,  
 Consultation Liaison  
 Postgraduate/Subspecialty Fellowships: Society  
 for Urologic Oncology Fellowship Program, non-  
 ACGME accredited  
 Comments: N/A



## HARVARD MEDICAL SCHOOL MISSION

*To create and nurture a diverse community of the best people  
committed to leadership in alleviating human suffering caused by disease*

## THE OFFICE FOR DIVERSITY INCLUSION AND COMMUNITY PARTNERSHIP

The mission of the Office for Diversity Inclusion and Community Partnership (DICP) is to advance diversity inclusion in health, biomedical, behavioral, and STEM fields that build individual and institutional capacity to achieve excellence, foster innovation, and ensure equity in health locally, nationally, and globally.

The Office for Diversity Inclusion and Community Partnership (DICP) at Harvard Medical School (HMS) was established to promote the increased recruitment, retention and advancement of diverse faculty, particularly individuals from groups underrepresented in medicine (URM), at HMS and to oversee all diversity activities involving Harvard Medical School (HMS) faculty, trainees, students and staff. This is achieved through efforts that:

- support the career development of junior faculty and fellows,
- train leaders in academic medicine and health policy,
- provide programs that address crucial pipeline issues,
- and sponsor awards and recognitions that reinforce behaviors and practices that are supportive of diversity and faculty development.

In addition, DICP activities support the Faculty Development and Diversity Task Force recommendations, particularly as they relate to mentoring, professional development and the design, creation and monitoring of workforce metrics. DICP also acts as a central resource for monitoring diversity efforts and outcomes for Harvard Catalyst|The Harvard Clinical and Translational Science Center. DICP's work also addresses HMS' relationship with the community through the provision of programs that link HMS faculty, trainees and students with local, regional and national community-related activities.

Established in 1990, DICP's Minority Faculty Development Program seeks to: increase the number of minority faculty at HMS; increase the number of minority physicians and scientists who undertake their post-graduate medical education at one of the 16 Harvard Medical School-affiliated institutions; establish model programs for the development of minority faculty with an emphasis on mentoring and leadership; and create programs designed to reach out to the pre-college and college populations with the goal of bringing outstanding, underrepresented minority students into the pipeline.

### *Contact Us*

Office for Diversity Inclusion and Community Partnership  
 Minority Faculty Development Program  
 164 Longwood Avenue, 2nd Floor  
 Boston, MA 02115-5818  
 Tel: 617.432.2413 | Fax: 617.432.3834  
 Website: <http://mfdp.med.harvard.edu> | Email: [dcp\\_mfdp@hms.harvard.edu](mailto:dcp_mfdp@hms.harvard.edu)



## VISITING CLERKSHIP PROGRAM

The Visiting Clerkship Program (VCP), sponsored by the Harvard Medical School (HMS) Office for Diversity Inclusion and Community Partnership, provides support for fourth-year and last quarter third-year minority (African-American, American Indian, and Hispanic American) medical students to participate in the HMS Exchange Clerkship Program. The VCP is designed to increase medical student awareness of opportunities in academic medicine, to increase their consideration of an academic training program for internship and residency, and, especially, to increase the number of minority students applying to HMS-affiliated hospital training programs.

Clerkships are four weeks in length and are available, space permitting, to full-time fourth year students in good standing at accredited U.S. medical schools. Students in the last quarter of their third year, who have completed core clerkships in medicine, surgery, pediatrics, and obstetrics, are also eligible. In addition to completion of core requirements, all students applying to the VCP must have completed USMLE Step 1 prior to the start of their rotation. VCP participants are assigned a faculty advisor and offered opportunities to network with HMS faculty, house staff, and students.

A minority faculty/student dinner seminar is held during each rotation. In addition, participants have access to HMS and hospital seminars, workshops, and the Countway Library. Financial assistance is available for transportation costs to and from Boston. Housing is also provided.

For further information or to receive an application, please contact:

Visiting Clerkship Program  
Harvard Medical School  
164 Longwood Avenue, Second Floor  
Boston, MA 02115-5818

Phone: 617.432.4422  
Fax: 617.432.3834

Email: [vcp\\_hpsp@hms.harvard.edu](mailto:vcp_hpsp@hms.harvard.edu)  
Website: [www.mfdp.med.harvard.edu/vcp](http://www.mfdp.med.harvard.edu/vcp)





## THE COMMONWEALTH FUND MONGAN FELLOWSHIP IN MINORITY HEALTH POLICY

Based at Harvard Medical School, under the auspices of the Minority Faculty Development Program, the Commonwealth Fund Mongan Fellowship in Minority Health Policy is a one-year, full-time, academic degree-granting program designed to prepare physicians for leadership roles in transforming health care delivery systems and promoting health policies and practices that improve access to high performance health care for racial and ethnic minorities, economically disadvantaged groups, and other vulnerable populations. Fellows will complete academic course work leading to a Master of Public Health (MPH) degree at the Harvard T.H. Chan School of Public Health, or a Master of Public Administration (MPA) at the Harvard Kennedy School (HKS). The fellowship is designed to incorporate the critical skills taught in schools of public health, government, business, and medicine with leadership forums and seminar series conducted by Harvard senior faculty and nationally recognized leaders in health care delivery systems and public policy; supervised practicums and shadowing opportunities; site visits; conferences; and travel. Up to five, one year fellowships will be awarded per year. Each fellowship provides: \$60,000 one-year stipend, full tuition, health insurance, books, travel, and related program expenses, including financial assistance for a practicum project. To accomplish the goal of preparing future leaders in the healthcare delivery system, the fellowship will:

- Provide strong academic training and coursework, including an MPH or MPA, for highly qualified physicians.
- Enhance the leadership ability of physicians, offering them substantive knowledge in health policy and management, while creating a network of physician-leaders capable of advancing successfully among the public, nonprofit, and academic sectors.
- Provide each fellow with mentoring by Harvard senior faculty and administrators as well as access to national leaders in health policy and public health practice.
- Bring together the faculty and resources of HMS, Harvard Chan School, and HKS to provide an enhanced core curriculum addressing transformation of health care delivery systems, health policy and practice, health provision and managed care, and health quality improvement, particularly as they relate to minority health issues.
- Utilize resources at HMS, including the Office for Diversity and Community Partnership (DICP) and MFDP, to enhance the networking, career development, and career advancement of fellows.
- Link to program activities co-sponsored with the Harvard Chan School Division of Policy Translation and Leadership Development.

### Eligibility

- Physicians who have completed residency, either BE/BC in the U.S. Additional experience beyond residency, such as chief residency, is preferred.
- Experience or interest in addressing and improving the health needs of minority, disadvantaged and vulnerable populations as well as in advancing system change in ways that improve the health for all populations, but with particular emphasis on vulnerable populations.



- Strong evidence of leadership experience or potential, especially as related to community efforts, quality improvement, transformation of health care delivery systems, and/or health policy.
- Intention to pursue a career in policy, public service, and/or academia.
- U.S. citizenship or U.S. permanent residency.

It is expected that the Fellowship will support the development of a cadre of leaders in health policy and practice, well-trained academically and professionally in public health, health policy, health management, and clinical medicine, as well as committed to pursuing careers in public service.

All inquiries and requests for application materials should be addressed to:

Program Coordinator  
Minority Faculty Development Program  
164 Longwood Ave. 2nd floor  
Boston, MA 02115-5818  
Tel: 617-432-2922 Fax: 617-432-3834  
E-mail: [mfdp\\_mcff@hms.harvard.edu](mailto:mfdp_mcff@hms.harvard.edu)  
<http://mfdp.med.harvard.edu/cfmf/>



## THE JOSEPH L. HENRY ORAL HEALTH FELLOWSHIP IN MINORITY HEALTH POLICY

The Joseph L. Henry Oral Health Fellowship in Minority Health Policy is supported by the Dental Service of Massachusetts/Delta Dental Plan and previously the Health Resources and Services Administration (HRSA) through a cooperative agreement between the Office of Minority Health and Minority Faculty Development Program at Harvard Medical School. The Oral Health Program is an academic degree-granting program, designed to create oral health leaders, particularly oral health leaders from groups underrepresented in medicine, who will pursue careers in health policy, public health practice and academia. The program is intended to incorporate the critical skills taught in schools of public health, government, business, and dental medicine with supervised practicum, leadership forums and seminar series conducted by leading scholars and nationally recognized leaders in minority health and public policy.

The program is designed to prepare oral health leaders who will, over time, improve the capacity of the health care system to address the health needs of minority and disadvantaged populations. To accomplish this, the program will:

- Provide strong academic training, including a graduate degree, for highly qualified dentists.
- Enhance the leadership ability of dentists, offering them substantive knowledge in health policy and management, while creating a network of oral health leaders capable of advancing successfully among the public, non-profit, and academic sectors.
- Provide each fellow with mentoring by Harvard senior faculty and administrators and access to national leaders in oral health, health policy and public health practice.
- Provide firsthand experience in private and public sectors, allowing the fellows to integrate academic leadership training with its practical application in a real world setting.
- Bring together the faculty and resources of Harvard Medical School, Harvard School of Dental Medicine, Harvard T.H. Chan School of Public Health, and the John F. Kennedy School of Government to provide an enhanced curriculum that addresses issues of public health, oral health, health policy, and practice — particularly as they relate to minority health issues.
- Utilize resources at Harvard Medical School, Harvard School of Dental Medicine, including the offices of Minority Faculty Development Program, to enhance the networking, career development, and career advancement of participating fellows.

The requirements for Fellows of the Joseph L. Henry Oral Health Fellowship in Minority Health Policy are to complete the course work leading to a graduate degree from the Harvard T.H. Chan School of Public Health. The Program includes courses, seminars, leadership forums, a research practicum, site visits and mentoring by senior faculty and public health leaders.

### QUALIFICATIONS:

- DDS or DMD and an active dental license required
- Experience with addressing and improving health needs of minority, disadvantaged and vulnerable populations
- Interest in public policy and public health
- Interest in minority health, health policy and public health
- U.S. citizenship or permanent U.S. residency

All inquiries and requests for both the Fellowship

For More Information:

Joan Y. Reede, MD, MPH, MS, MBA

Dean for Diversity Inclusion and Community Partnership  
Joseph L. Henry Oral Health Program  
c/o Minority Faculty Development Program  
Harvard Medical School  
164 Longwood Ave, 2nd Floor  
Boston, MA 02115-5818

[http://mfdp.med.harvard.edu/oral\\_health](http://mfdp.med.harvard.edu/oral_health)  
Phone:617-432-2413





## OFFICE FOR DIVERSITY INCLUSION AND COMMUNITY PARTNERSHIP (DICP) FACULTY FELLOWSHIP

### Office for Diversity Inclusion and Community Partnership (DICP) Faculty Fellowship

A two-year, non-degree Faculty Fellowship Program designed to enable HMS junior faculty to pursue activities that enhance their career development as researchers and clinicians/teachers to lead advancement within the Harvard system, and to promote diversity within the HMS community. The Fellowship provides two years of support in the amount of \$50,000 per year intended to provide release time to conduct an individual, mentored research project. DICP Faculty Fellows are expected to participate in Fellowship-related activities, to meet regularly with their mentors, and to present research findings at the Office for Diversity Inclusion and Community Partnership Annual Minority Health Policy Meeting.

#### Eligibility

- Doctoral degree (e.g. MD, PhD, DO, DMD, DDS).
- Harvard Medical School appointment at the level of Instructor or Assistant Professor.
- Applications will also be considered from clinical or research fellows who are in the process of appointment/promotion to instructor and/or assistant professor at Harvard Medical School.

#### CONTACT FOR ADDITIONAL INFORMATION:

Terésa Carter, DICP Program Coordinator  
 Harvard Medical School  
 Office for Diversity Inclusion and Community Partnership  
 164 Longwood Avenue, 2nd Floor  
 Boston, MA 02115-5818  
 Tel: 617-432-4697; Fax: 617-432-3834  
 Email: [teresa\\_carter@hms.harvard.edu](mailto:teresa_carter@hms.harvard.edu)



## DEAN'S POSTDOCTORAL FELLOWSHIP



As part of an effort to promote a diversity of backgrounds, perspectives, and experiences among its faculty and trainees, Harvard Medical School invites applications for the Dean's Postdoctoral Fellowship.

The Office for Diversity Inclusion and Community Partnership in collaboration with the Office for Postdoctoral Fellows will award two-year postdoctoral fellowships per year to two promising researchers in the fields of basic or social sciences. The Dean's Postdoctoral Fellowship at Harvard Medical School will prepare postdoctoral scientists, particularly scientists from underrepresented minority and disadvantaged backgrounds, for cutting-edge research careers. This fellowship will position the right candidate to make major contributions as scientific and societal leaders.

Fellows will benefit from a highly innovative and creative research environment that emphasizes scientific rigor, collaboration, and the pursuit of excellence in science.

Additional benefits include:

- Obtain outstanding training to develop necessary skills for career success and advancement
- Thrive with the guidance of an experienced mentor
- Build your professional network and participate in a collaborative and collegial environment
- Experience opportunities to acquire skills necessary to become an expert and leader in your field
- Receive a stipend with benefits
- Receive up to \$1,250 per year allowance for professional development

### CONTACT FOR ADDITIONAL INFORMATION

Pinar Kilicci-Kret, Program Manager, Career Development  
 Harvard Medical School  
 Office for Diversity Inclusion and Community Partnership  
 164 Longwood Avenue, 2nd Floor  
 Boston, MA 02115-5818  
 Tel: 617-432-1083; Fax: 617-432-3834  
 Email: [dicp\\_deanspostdoc@hms.harvard.edu](mailto:dicp_deanspostdoc@hms.harvard.edu)



THE HARVARD CLINICAL  
AND TRANSLATIONAL  
SCIENCE CENTER

## HARVARD CATALYST | THE HARVARD CLINICAL AND TRANSLATIONAL SCIENCE CENTER

### Mission Statement

*Harvard Catalyst brings together the intellectual force, technologies, and clinical expertise of Harvard University and its affiliates and partners to reduce the burden of human illness.*

Established in 2008, Harvard Catalyst | The Harvard Clinical and Translational Science Center is dedicated to improving human health by enabling collaboration and providing tools, training, and technologies to clinical and translational investigators. As a shared enterprise of Harvard University, Harvard Catalyst resources are made freely available to all Harvard faculty and trainees, regardless of institutional affiliation or academic degree.

Harvard Catalyst is funded by the National Institutes of Health (NIH) Clinical and Translational Science Awards (CTSA) Program (grant 1UL1 TR001102-01), and by contributions from Harvard University, Harvard Medical School, Harvard T.H. Chan School of Public Health, Beth Israel Deaconess Medical Center, Boston Children's Hospital, Brigham and Women's Hospital, Dana-Farber Cancer Institute, and Massachusetts General Hospital. This CTSA is part of a network of over 60 centers across the US dedicated to advancing C/T research.

Harvard Catalyst works with Harvard schools and the academic healthcare centers (hospitals) to build and grow an environment where discoveries are rapidly and efficiently translated to improve human health. We catalyze research across all clinical and translational domains by providing investigators with opportunities such as pilot funding, with free resources such as biostatistics consultations, with educational programs such as the Clinical and Translational (C/T) Research Academy and over a dozen courses, and with a range of web tools that assist in data collection and team collaboration efforts.

For further information please contact us:

Phone: 617.432.7800

Fax: 617.432.7823

Email: [ctsc@catalyst.harvard.edu](mailto:ctsc@catalyst.harvard.edu)

Website: <http://catalyst.harvard.edu>

### HARVARD CATALYST PROGRAM FOR FACULTY DEVELOPMENT AND DIVERSITY INCLUSION (PFDDI)

The Program for Faculty Development and Diversity seeks to emphasize the recruitment and retention of a diverse clinical/translational workforce as a top priority throughout Harvard Catalyst in governance, programming, training and resource allocation.

#### CONTACT US:

Carol A. Martin

CTSC Program Manager

Program for Faculty Development and Diversity Inclusion

Office for Diversity Inclusion and Community Partnership

Harvard Medical School

164 Longwood Avenue, Room 408

Boston, MA 02115

Phone: 617.432.7211 | Fax: 617.432.3834

Email: [carol\\_martin@hms.harvard.edu](mailto:carol_martin@hms.harvard.edu)





## VISITING RESEARCH INTERNSHIP PROGRAM

The Visiting Research Internship Program (VRIP) is an eight-week mentored, summer research program designed to enrich medical students' interest in research and health-related careers, particularly clinical/translational research careers. In addition to a mentored clinical/translational research experience, VRIP students participate in weekly seminars with Harvard faculty focusing on topics such as research methodology, health disparities, ethics, and career paths. Participants also have the opportunity to participate in offerings of other Harvard Medical School programs such as career development seminars and networking dinners.

Eligible participants are first and second year medical students, particularly individuals from groups underrepresented in medicine and/or disadvantaged individuals, in good standing from accredited U.S. medical schools. Applicants must be U.S. Citizens or U.S. Noncitizen Nationals or Permanent Residents of U.S.

The Visiting Research Internship Program provides a salary and transportation reimbursement toward the cost of traveling to and from Boston. The Visiting Research Internship Program also provides housing for participating students.

For further information or to receive an application, contact:

Danyellé Thorpe, Program Coordinator  
 Harvard Medical School  
 164 Longwood Ave, Fourth Floor  
 Boston, MA 02115  
 Phone: 617.432.1892  
 Fax: 617.432.3834  
 Email: [pfdd\\_dcp@hms.harvard.edu](mailto:pfdd_dcp@hms.harvard.edu) or [danyelle\\_thorpe@hms.harvard.edu](mailto:danyelle_thorpe@hms.harvard.edu)  
 Website: <http://www.mfdp.med.harvard.edu/catalyst>



## HARVARD CATALYST PROGRAM FOR FACULTY DEVELOPMENT AND DIVERSITY INCLUSION (PFDDI) FACULTY FELLOWSHIP

Harvard Catalyst Program for Faculty Development and Diversity Inclusion (PFDDI) Faculty Fellowship (formerly PFDD Faculty Fellowship) is a two-year, non-degree Faculty Fellowship Program for Harvard junior faculty designed to address faculty need for additional support to conduct clinical and/or translational research and to free junior faculty from clinical and teaching demands at a key point in their career development. Each Faculty Fellow will receive \$100,000 over a two-year period to support their scholarly efforts. Faculty Fellows are required to devote appropriate time toward the development of their academic career, to meet regularly with their mentors, and to present at the annual Minority Health Policy Meeting.

For more information about Catalyst see: <http://catalyst.harvard.edu>

### PFDDI FACULTY FELLOWSHIP ELIGIBILITY

- Doctoral degree (e.g. MD, PhD, DO, DMD, DDS, ScD).
- U.S. Citizenship or Permanent Residency
- Harvard appointment at the level of instructor or assistant professor. Applications will also be considered from clinical or research fellows who are in the process of appointment/promotion to instructor and/or assistant professor at Harvard.

### FOR FURTHER INFORMATION PLEASE CONTACT:

Carol Martin, Harvard Catalyst PFDDI Program Manager  
Harvard Medical School  
164 Longwood Ave, Fouth Floor  
Boston, MA 02115  
Phone: 617.432.7211  
Fax: 617.432.3834  
Email: [carol\\_martin@hms.harvard.edu](mailto:carol_martin@hms.harvard.edu)



## HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES: CONTINUING EDUCATION COURSES

In keeping with its core educational mission, Harvard Catalyst offers more than twenty courses and training programs, ranging from short courses on translational and clinical research to multiyear advanced education and training programs. Below is a summary of postgraduate educational opportunities available to members of Harvard-affiliated institutions.

Biostatistics Continuing Education – The Harvard Catalyst Biostatistics Program will present seminars on current applied topics in biostatistics. These will include our monthly journal club and work in progress sessions, seminar series, symposia, and short courses.

Certificate in Applied Biostatistics – This online course offers a comprehensive introduction to biostatistics in medical research. The course includes a review of the most common techniques in the field, as well as the manner in which these techniques are applied in standard statistical software. At the conclusion of the course, participants will be able to choose an appropriate study design, calculate the sample size needed to complete a study, analyze the collected data, and communicate the results from their experiment.

Clinical Trial Design (CTD) – An opportunity for new clinical investigators, who have an idea for development of a clinical trial, to participate in an intensive ten-week hybrid (online and face-to-face) course. Participants will learn the fundamentals of clinical trial design, including instructions on how to design a protocol, information on IRB and regulatory topics, and on trial implementation. Additional course topics include statistical analysis, budgeting, and data management.

Effectively Communicating Research – A two-day intensive course offered by Harvard Catalyst. The course is designed to provide fellows and junior faculty with the skills necessary to express their science clearly to diverse audiences; to prepare abstracts, manuscripts, and posters; and to speak effectively.

Fundamentals of Clinical and Translational Research (FaCToR) – FaCToR offers an overview of the concepts of clinical/translational research through the dynamic and interactive medium of online learning. As a selected participant of this online course, you will learn about the spectrum of clinical and translational research from first-in-human studies to healthcare interventions implemented on a population level.

Funding Your Research: NIH – An online course that will give participants an overview of the NIH grant submission process, with a particular focus on the R01 and K career development grants. Participants will learn from researchers who have successfully applied for NIH funding and from researchers who have served on study sections.

Health Disparities Research Training and Events – The Health Disparities Research Program offers methods clinics, multi-day symposia, and ongoing workshop series. These events provide opportunities to learn about the current state of disparities science, build skills and capacity to conduct disparities research, and connect with other disparities researchers in the Harvard Catalyst community and beyond.

Introduction to Clinical Investigation (ICI) – provides an overview of the types of clinical translational research, ranging from T1 (first-in human/proof of concept), T2 (definitive clinical trials to change the standard of care), T3 (practice-based), and T4 (population-based), and presents the skills and methods applicable to each translational research area. The course also provides a comparison and contrast of T-domain methodologies, while highlighting those skills that are essential across the translational blocks (i.e., oral and written communication).

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## HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES: CONTINUING EDUCATION COURSES

Introduction to Mixed Methods Research – An online, ten-week course that offers an introduction to mixed methods research in the health sciences. Participants will learn how qualitative and quantitative data can be integrated to capture the perspectives of patients, providers, communities, or healthcare organizations in order to answer complex research questions. The course will also cover formulating research questions, collecting and analyzing different types of data, choosing the appropriate mixed methods designs, and interpreting mixed method research results.

Introduction to Network Medicine – Network medicine is a rapidly emerging field that combines systems biology and network science. It runs counter to the prevailing scientific reductionist trend that dominates current medical research on disease etiology and treatment. Reductionism relies on single molecules or single genes to provide comprehensive and robust insights into the pathophysiology of complex diseases. Similarly, current drug development methodologies target single molecules that very frequently fail because of the unforeseen and unintended effects that result from the application of this piecemeal approach to pharmacology.

Introduction to R: Basics, Plots, and RNA-Seq Differential Expression Analysis – This three-day hands-on workshop will introduce participants to the basics of R and RStudio and their application to differential gene expression analysis on RNA-Seq count data. R is a simple programming environment that enables the effective handling of data, while providing excellent graphical support. RStudio is a tool that provides a user-friendly environment for working with R. Together, R and RStudio allow participants to manipulate data, plot, and use DESeq2 to obtain lists of differentially expressed genes from RNA-Seq count data.

Introduction to RNA-Seq Analysis Workshop – This one-day introductory workshop introduces basic concepts and illustrates an end-to-end data analysis workflow for RNA-Seq. Participants will learn through live tutorials using the Galaxy analytical framework. By the end of this workshop, participants will be able to design effective RNA-Seq experiments, and understand the analysis workflow, beginning with raw data and ending with a list of differentially expressed genes. Participants will also learn the basics of setting up a Galaxy instance on Amazon's EC2 environment to analyze their data without using the command line.

Introduction to Translational Medicine (ITTM) – Utilizing both case studies and a didactic curriculum, Introduction to Translational Medicine (ITTM) is a survey course that offers an introduction to the skills necessary to embark on a career in translational research, particularly in the process of bringing an idea from the laboratory to first-in-human trials (called T1 translational research). This course focuses on the principles and practices of translational medicine as they apply to the development of a new drug (small molecules and/or biologics), device, or diagnostic. Case studies allow participants to grasp the realization of the concepts discussed. Each attendee receives training in the pre-clinical development of novel targets and leads, clinical pharmacology, the regulatory process, and design of the first-in-human clinical trial. In addition, participants learn about funding opportunities for translational research, as well as how to navigate academic/industrial collaborations that lead to the successful development of new drugs or methodologies.

Introduction to UNIX and RNA-Seq Analysis Workshop – This two-day hands-on workshop will cover how to efficiently manage and analyze data using the command line interface and high-performance computing (HPC). All hands-on activities will be performed in the context of an RNA-Seq workflow.

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## HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES: CONTINUING EDUCATION COURSES

Leadership Strategies for the Researcher (LSR) – Leadership Strategies for the Researcher helps prepare clinical and translational investigators as they face the challenges inherent in establishing a research program. This two-day course features both interactive and didactic sessions, with a focus on best practices in leading and managing a team, and navigating a career path in research.

Maximizing the Mentee-Mentor Relationship – helps emerging clinical and translational investigators navigate the complexities of the mentoring dynamic. Emphasizing the perspective of the mentee, this two-day course explores strategies for successful mentoring relationships through case studies, lectures, and interactive sessions. Each session addresses critical issues such as expectations and responsibilities, pitfalls and challenges, and communication and career development. Participants will learn practical tools for empowering their own mentee-mentor relationships, and discuss the impact these relationships can have on both personal and academic success.

Medical Device Development – This course is designed as an opportunity to explore and navigate the principles underlying the successes and challenges of medical device and diagnostics development. During this two-day intensive course, participants will engage in case discussions and interactive panel sessions that address the development process from determining clinical need through post-market surveillance. With a focus on closing the gaps among all stakeholders involved in device development, this course is geared towards participants with diverse experience and expertise. Past participants have enjoyed networking with and learning alongside experts and professionals who reflect the diversity of careers in this field.

Mentored Clinical Research Experience – This opportunity is designed to give PhDs with an interest in clinical research first-hand experience within a clinical translational research setting. Participants will be matched with a mentor at one of the Harvard Catalyst Clinical Research Centers. Mentor/mentee pairings are matched for the sole purpose of providing guidance in the clinical research process; therefore they are created with no regard for scientific alignment.

Models of Disease (MoD) Boot Camp – This popular three-week course is offered annually, and consists of a variety of group activities that include interactive lectures presented by leading faculty on their recent discoveries, reviews of topical updates in biomedical science by leaders in academia, and panel discussions on topics ranging from academic-industry interactions to strategies for translation to team science. Fellows enrolled in the course have the opportunity to lead discussions on key papers, participate in a mock study section, attend sessions with department chairs to discuss job-negotiating strategies, and take part in career workshops with senior research fellows and junior faculty. Graduates of previous camps have uniformly shared enthusiastic reviews about their experiences.

Regulatory Education and Events Series – The Harvard Catalyst Regulatory Foundations, Ethics, and Law Program hosts events that focus on regulatory topics and emerging issues in the interdisciplinary conduct of research. The events series features local and national experts who offer guidance, present case studies, and engage participants in discussion on a range of topics of interest to researchers as well as research administrators and IRB members.

Responsible Conduct of Research (RCR) – As an investigator, you may be required to meet NIH and NSF training requirements in Responsible Conduct for Research (RCR). Take this opportunity to register for one of the 45 seats reserved especially for Harvard-affiliated researchers in the RCR courses at Harvard T.H. Chan School of Public Health and at the Faculty of Arts and Sciences (FAS).

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## HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES: CONTINUING EDUCATION COURSES

Successful Grant Writing Strategies (SGWS) – Successful Grant Writing Strategies (SGWS) is an online course designed to provide an overview of the requisite skills and comprehensive considerations needed to give participants an in-depth introduction to the grant writing process. Participants will learn strategies firsthand from researchers who have successfully applied for funding from a variety of sources.

T3/T4 Research: Translating Effective Interventions into Practice – This course provides an opportunity for fellows and junior faculty to become familiar with the tools, and vocabulary of T3/T4 research. Sessions are designed to help participants understand the motivations for T3/T4 research and the relationship between this domain and other T-domains. Participants will also develop an appreciation for the broad range of study designs and methods employed by T3/T4 researchers, as well as understand how the choice of research methods affects feasibility and potential study implications.

Understanding Biomarker Science: From Molecules to Images – In a four-day curriculum, Understanding Biomarker Science takes a more comprehensive look at biomarkers in T1 translational research. The course includes 30 sessions divided into seven “blocks” covering a range of topics from biomarker discovery to validation and entrepreneurship, hands-on workshop to learn statistical analysis for biomarker evaluation, case studies and vignettes that address the use of biomarkers in pre-clinical and clinical studies, consortia and bio-banks for biomarker research, career guidance in biomarker science, and networking with over 100 attendees and speakers.

For more information and application materials, please go to: <http://catalyst.harvard.edu/education.html>

## EDUCATIONAL RESOURCES

(Available to anyone with a Harvard login or eCommons ID)

Advanced Curriculum Compendium (ACC) – Developed to provide clinical investigators with opportunities for continuing education in clinical investigation beyond the introductory level. Through a searchable online catalog, the Advanced Curriculum Compendium offers educational opportunities to learn new methods or update existing clinical investigative skills. The compendium consists of lectures, seminars, and courses that target core competencies fundamental to successful clinical investigation. All available courses offered by participating Harvard schools, affiliated healthcare centers, and Harvard Catalyst are searchable by course location, date, and keywords through the compendium.

Community Capacity Building Seminar Series – The Community Capacity Building Initiative features a series of interactive seminars designed by academic faculty and fellows to transfer methodological skills and content-based knowledge to the Population Health Research Program’s partner organizations. Our objective is to establish an ongoing culture of learning among our partner organizations based on interest, need, and skill level, with the goal of producing more effective and efficient policies and programs designed to improve the public’s health.

Education Video Library – Visit the Education Video Library (EVL) to explore hundreds of videos that highlight and discuss topics in clinical and translational research. Discover new areas of interest or revisit previous talks from courses offered by the Postgraduate Education Program and associated groups. Currently, the EVL houses more than 580 videos, and continues to grow every year. Curious about the range of courses offered by Harvard Catalyst? Want to search for specific topics in C/T research? Simply enter a keyword to find the topic that most interests you. Or, you can search by category or course offering.

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## HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES: EDUCATIONAL RESOURCES

(Available to anyone with a Harvard login or eCommons ID)

IRB Visiting Program – The IRB Visiting Program allows investigators, study staff, and IRB members and staff to visit and observe deliberations at area IRB meetings. More than a dozen institutions (from within and beyond Harvard Catalyst) with varied areas of expertise have volunteered to open their IRB meetings to visitors, with advanced notice.

ThinkResearch Podcast – We all are impacted by, and reap the benefits of, medical research discoveries. From over-the-counter drugs, to healthcare policies and educational interventions, many of these advancements are a result of incredible feats, decades of work, and sometimes serendipitous events. Join us as we sit down with Harvard researchers to discuss these captivating behind-the-scenes stories of research.

## TRAINING PROGRAMS/FELLOWSHIPS

Biomedical Informatics Master of Medical Sciences – A one year, full-time master’s program for 4th year medical students, postdoctoral researchers and clinicians seeking to strengthen their skills in informatics through research and didactic training. The program includes an intensive, hands-on quantitative boot camp, a range of foundational courses, and courses in emerging areas such as precision medicine, data science, and data visualization. All students are expected to complete a capstone research project and to participate in a longitudinal seminar series.

Biostatistics Training – Harvard T.H. Chan School of Public Health offers a 60-credit master of science program in applied biostatistics. This program is designed to prepare students for applied research positions in hospitals and universities, research organizations, and the pharmaceutical and biotechnology industries. The program is geared toward students with an undergraduate degree in one of the mathematical sciences or an allied field. In addition to course work, students complete a collaborative research practicum related to the design, conduct, and analysis of research studies with a focus on data analysis and scientific research. Students conclude their course of study by completing a thesis and making an oral presentation.

Clinical and Translational (C/T) Research Academy – The goal of the C/T Research Academy is to support, nurture, and grow the next generation of C/T investigators at Harvard Medical School so they may become highly competitive for careers in translational and patient-oriented research in academia, industry, and regulatory affairs. The program offers advanced training to early-career C/T researchers, with a focus on the core knowledge necessary to achieve success in one’s domain of investigation.

Clinical Research Orientation Program for PhDs (CROPP) – Clinical Research Orientation Program for PhDs (CROPP) is designed to give PhDs who have an interest in clinical research first-hand experience within a clinical translational research setting. This eight-week program has three main components that will allow participants to apply learned concepts to their hypothetical research projects.

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## HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES: TRAINING PROGRAMS/FELLOWSHIPS

Grant Review and Support Program (GRASP) – The Grant Review and Support Program (GRASP) is a multi-year program that guides junior investigators who have already obtained a career development award to understand the grant writing process, gain new skills, and write competitive grant applications to ultimately achieve research independence. GRASP begins with an orientation workshop that provides participants with advice in grant writing, diversifying their funding portfolio, as well as training in using the resources of the Elements of Grant Writing. Participants will then receive ongoing grant preparation support and guidance from the GRASP team throughout the duration of their career development grant. Armed with the knowledge and tools provided by GRASP, participants will be better prepared to establish independent research careers, funded by a variety of different grants.

KL2/Catalyst Medical Research Investigator Training (CMeRIT) Program – The KL2/Catalyst Medical Research Investigator Training (CMeRIT) program provides advanced training in clinical and translational research to senior fellows and junior faculty from all health professions represented by Harvard Catalyst, including medicine, dentistry, and nursing. Awardees will pursue a mentored research project in their area of expertise. It is expected that the research performed within the KL2/CMeRIT program will provide the basis for an independent NIH award (e.g., K23, KO8, or RO1). Awardees will also pursue an educational program that fulfills the mission of the program and provides optimal training in their chosen career objectives. They may do this by taking part in the courses found in the Advanced Curriculum Compendium where applicable, or by participating in Harvard Catalyst-based courses.

Leder Human Biology & Translational Medicine – The principal focus of the LHB Program is on the training of graduate students who are interested in careers in translational research. This Program provides the organizational, curricular, and intellectual infrastructure for creating a community of students and faculty interested in disease-oriented research and in the translation of principles of human biology and disease mechanisms to clinical applications. Students need not undertake thesis work in this area, but must be interested in future work in this domain.

Mixed Methods Research Training Program for the Health Sciences – The Mixed Methods Research Training Program for the Health Sciences is a joint initiative by Johns Hopkins University and Harvard University. It provides comprehensive training in mixed methods through a fully-funded educational and mentoring program in the health sciences. The program is sponsored by the Office of Behavioral and Social Sciences Research at the NIH, and led by Joseph Gallo, MD, MPH, BSPH, professor at Johns Hopkins University; John Creswell, PhD, University of Michigan; and Charles Deutsch, ScD, director of the Population Health Research Program at Harvard Catalyst.