HARVARD MEDICAL SCHOOL
MINORITY FACULTY DEVELOPMENT PROGRAM
2015-2017 TRAINING DIRECTORY
March 2015

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://www.hms.harvard.edu/dcp.

Sincerely,

Joan Y. Reede, MD, MPH, MS, MBA
Associate Professor of Medicine
Dean for Diversity 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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# HARVARD CATALYST/ THE HARVARD CLINICAL AND TRANSLATIONAL SCIENCE CENTER/
# HARVARD CATALYST PROGRAM FOR FACULTY DEVELOPMENT AND DIVERSITY (PFDD)

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Beth Israel Deaconess Medical Center (BIDMC) is a major teaching affiliate of Harvard Medical School, renowned for excellence in patient care, medical education, biomedical research, and community service. The Medical Center was established in 1996 with the merger of two neighboring Harvard teaching hospitals – the Deaconess (established in 1896) and the Beth Israel (founded in 1916). Today, Beth Israel Deaconess hosts over three quarters of a million patient visits annually. BIDMC has 649 licensed beds (440 medical/surgical; 77 critical care; 60 Ob/Gyn), a Level 1 Trauma Center, and affiliated hospitals in Needham, Milton, and Plymouth, Massachusetts, in addition to other networked hospitals, outpatient centers and community care practices. In 2012, BIDMC became part of an accountable care organization (ACO) and has been named the top-performing ACO in Massachusetts, and the third in the country, by the Centers for Medicare and Medicaid Services Innovation Center.

The medical education program at BIDMC is both strong and deep, with over 80 training programs for interns, residents and fellows; several of these are integrated with other Harvard-affiliated programs at Brigham & Women’s and Massachusetts General Hospitals. 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 most elaborate educational infrastructure housed within an academic medical center in the United States.

BIDMC consistently ranks in the top four recipients of funding from the National Institutes of Health. 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, and 264 principal investigators on the Harvard Medical School faculty with BIDMC appointments from 13 clinical departments lead investigative work in a collaborative environment.

BIDMC employs over 6,000 diverse employees, including over 800 full-time staff physicians, 1,180 registered nurses, and 3,600 non-clinical staff.
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 20 straight years, Boston Children's has been ranked among the best pediatric hospitals in the country by U.S. News & World Report.

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 395-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. It's 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, more than 26,000 inpatient and ambulatory surgical cases, and more than 550,000 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 eight members of the National Academy of Sciences, eleven members of the Institute of Medicine and 13 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 400 interns, residents and clinical fellows and 545 research fellows.
Recognized internationally for its excellence in patient care, its outstanding reputation in biomedical research and its commitment to education and training, Brigham and Women’s Hospital (BWH) is a 793-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, a collaboration with one of the world’s leading cancer centers to create Dana-Farber/Brigham and Women’s Cancer Center, the Neurosciences Institute, and the Orthopedic and Arthritis Center. 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 22 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 an annual research budget of more than $600 million and a research staff of 1,022 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 nearly 46,000 inpatient discharges and over 500,000 outpatient visits. Our medical staff (1,499 Physician FTEs) and trainees (1,218 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 a founding member of Partners HealthCare System, the largest integrated delivery system in New England.
Cambridge Health Alliance (CHA) is an integrated, regional healthcare system with three hospital campuses and a network of fifteen primary care practices in Cambridge, Somerville, and Boston’s metro-north communities. As a Harvard Medical School teaching 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 a three-site emergency department with 100,000 annual visits, 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 initiatives spearheaded by the Department of Community Health Improvement, and by operating the Cambridge Public Health Department and 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. Led by the Zero Disparities Committee under the Department of Community Health improvement, 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 that will 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 primary care medicine, adult and child psychiatry, psychology, 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. In addition, the Institute for Community Health offers internships for undergraduate and graduate students interested in public and community health.

As the health care industry continues to evolve, CHA is helping create new solutions to reduce health care costs, improve clinical outcomes, and further the health of patient populations. In 2010, it began developing an Accountable Care Organization to be a national model for publically-funded healthcare providers. By 2015, seven of its primary care sites were designated as Level III Patient-Centered Medical Homes by the NCQA, the highest national recognition. CHA continues to incorporate this learning into its residency programs and aims to train the next generation of providers to serve its patients and provide increasing value to our society.

Those who join Cambridge Health Alliance find an intellectually stimulating environment 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 School of Public Health, Harvard School of Dental Medicine, and the Tufts University School of Medicine, and will be involved in CHA’s transformation into a new healthcare delivery model that will care for patients and communities in the years ahead.
DANA-FARBER CANCER INSTITUTE
450 Brookline Ave, Boston, Massachusetts 02115, Phone (617) 632-3000
Web site: www.dana-farber.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 2015

- Founding member of Dana-Farber/Harvard Cancer Center, one of 41 NCI-designated Comprehensive Cancer Centers in the U.S.
- A founding member of the Center for AIDS Research at Harvard Medical School
- One of 19 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
- 761 Clinical Trials
- 545 NIH-Sponsored Research Grants
- 511 Research Fellows
- 219 Principal Investigators
- 72 Clinical Fellows
Harvard Vanguard Medical Associates 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’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 has a long-standing teaching mission and our clinicians are recognized as leaders and innovators in clinical education. Many Harvard Vanguard clinicians act as teachers, preceptors, lecturers and tutors for HMS students and courses. HVMA 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 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 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 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) 732-2400
Website: www.joslin.org

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. In addition, Joslin’s Clinical Research Center (CRC) supports a large number of clinical studies which translates many of the discoveries from the bench to clinical arena. These types of collaborations offer an incredibly rich setting in which to work, and provide a significant asset to our researchers. Two other important examples are our affiliations with Brigham and Women’s Hospital, Beth Israel Deaconess Medical Center, Boston Children’s Hospital and Harvard Medical School, which enables Joslin researchers to work with investigators with complementary interests and expertise through such programs as the Harvard Stem Cell Institute; the Clinical Islet Transplantation Program at Harvard Medical School; and the Juvenile Diabetes Research Foundation Center on Immunological Tolerance in Type 1 Diabetes.

DRC
Joslin’s Diabetes Research and Endocrinology Research Center (DERC/DRC), in its 26th year of funding from National Institutes of Health, provides the infrastructure necessary to support research efforts across all the disciplines and encourage the development of young scientists. The DRC offers researchers specialized technical assistance as well as a network of colleagues from across the medical and scientific community.

Latino Initiative
Joslin Diabetes Center launched the Latino Diabetes Initiative in July 2002. The overall goal of the Initiative 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.
From its beginning in 1824 as a one-room clinic that treated Boston's needy, the 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 outstanding contributions to medical research and education. The Mass. Eye and Ear is home to the world's most accomplished researchers and clinicians, and attracts the best and brightest young physicians and scientists to participate in its very effective partnership between the laboratory and the bedside.

The Mass. Eye and Ear is consistently rated as one of the best hospitals in the United States for ophthalmology and otolaryngology by U.S. News & World Report's “America'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 the specialists of tomorrow. In all, the Mass. Eye and Ear trains more than 225 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, otolaryngology, neurotology, ocular plastics, audiology, thyroid and parathyroid surgery, and rhinology.

Mass. Eye and Ear houses a 41-bed hospital, performing more than 26,000 surgical procedures a year. In 2013, Mass. Eye and Ear provided more than 388,500 outpatient services and 18,500 emergency department services.
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 more than $786M, this 999 bed world renowned medical center admits about 48,000 inpatients and handles more than 1.5M outpatient visits per year with its four affiliated health centers in Charlestown, Chelsea, North End, and Revere. The MGH is the single largest hospital-based research organization in the U.S. and has been awarded four of the six largest industrial sponsorships of academic biomedical research in the country. This funding supports a commitment 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 and have been integrally involved in residency training program recruitment of URM groups and female physicians to all specialty and sub-specialty services. CDI currently has, as part of its staff, a manager of Trainee Affairs – an underrepresented junior faculty member whose role is to establish mentoring relationships with URM residents at MGH, and has established the Residents and Fellows Committee – an interdisciplinary forum which focuses on social networking, peer mentoring, community outreach, and career development of URM residents and fellows. In 2014, CDI awarded four Minority Faculty Development Awards to help promote faculty pursuing both the physician/scientist and clinician-teacher tracks at HMS, and has awarded a total of 33 awards to date with over $4 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 training in the sciences at MGH.

For more information, visit http://www.massgeneral.org/cdi.
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 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 in Cambridge is an acute-care teaching hospital affiliated with Harvard Medical School. The hospital offers comprehensive inpatient and outpatient medical, surgical, obstetrical, and psychiatric services, and is a leading provider of advanced, specialized care in cardiology, cardiac surgery, oncology, orthopedics, neurology, and vascular surgery. In addition, Mount Auburn Hospital offers an extensive network of satellite primary care practices in several communities as well as a broad range of community-based programs to promote continuum of care, including Mount Auburn Home Care, women’s health services, outpatient specialty services, occupational health, and community health partnerships. The Hospital’s Prevention and Recovery Center is a recognized provider of education, intervention, and support programs for public health issues such as substance abuse and violence.
THE SCHEPENS EYE RESEARCH INSTITUTE
20 Staniford Street, Boston Massachusetts 02114, Phone: (617) 912-0100
Website: www.schepens.harvard.edu/

The Schepens Eye Research Institute – Mass. Eye and Ear is dedicated to research that advances the understanding, management, and prevention of eye disease and visual deficiencies. To achieve these goals, the Institute encourages scientific innovation and academic excellence. It fosters collaboration among its faculty members and outside the Institution, trains young scientists and clinicians from around the world, and promotes communication with scientists in allied fields.

The Schepens Eye Research Institute – Mass. Eye and Ear is a global leader in the diffusion of scientific knowledge related to vision.

The Institute also offers postdoctoral fellowships in different areas of eye research for MDs and PhDs such as the Molecular Bases of Eye Diseases Training Program, as well as a Cornea Fellowship through the Mass. Eye and Ear and through the Principal Investigators of individual laboratories.
SPAULDING REHABILITATION HOSPITAL
300 First Avenue, Charlestown, MA 02129, Phone: (617) 952-5000
Website: 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), two long-term care inpatient hospitals and two skilled nursing facilities, as well as twenty-three 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.

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 is one of only two providers nationally to be selected by NIDRR to hold a Model System site distinction in the three specialties of Traumatic Brain Injury, Spinal Cord Injury and Burn Injury at the same time.

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 (VA BHS) 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.

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, 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
MEEI: Massachusetts Eye And Ear Infirmary
MGH: Massachusetts General Hospital
VAMC: Veterans' Administration Medical Center

ANESTHESIOLOGY

Anesthesia, Critical Care and Pain Medicine
Department Chair: Jeanine Weiner-Kronish, M.D.
Director: Keith Baker, M.D., PhD
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
EMail: pkristo@partners.org
Web: http://www.massgeneral.org/anesthesia/
education/residency
Type of Program: Residency
Sponsoring Hospital(s): Massachusetts General Hospital
Application deadline: November 1
Length of Program:
6 slots CATEGORICAL; 22 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:
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

Anesthesiology, Perioperative, and Pain Medicine
Department Chair: TBD – Interim Chair is Dr. Bhavani Kodali
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
EMail: codonnell7@partners.org
Web: http://www.brighamandwomens.org/
Departments_and_Services/anesthesiology/
Residency/default.aspx
Type of Program: Residency
Sponsoring Hospital(s): Brigham and Women’s Hospital
Application deadline: October 31
Length of Program: 3
Total number of positions available: 96
Number for PGY1: 16
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
Commments: For medical student programs, contact
Jennifer McSweeney, MD at (617) 525-7921

Department of Anesthesia, Critical Care and Pain Medicine
Department Chair: Daniel Talmor, MD, MPH
Director: John Mitchell, MD
Contact: Mary Jane Cahill
Beth Israel Deaconess Medical Center
One Deaconess Road, CC-470
Boston, MA 02215
Tel: (617) 754-2713 Fax: (617) 754-2735
E-Mail: 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
Feb 28th via San Francisco Match Program
Pain Medicine May 30th via Electronic Residency Application Service (ERAS)
Obstetric Anesthesia and Regional
Anesthesia May 30th via submission to Fellowship Program Coordinator
Length of Program:
Residency: advanced program- 3 years; categorical program- 4 years
Total number of positions available: 54
Number for PGY1: for 2016-2017, 6 PGY1 (categorical spots) 11 PGY2 (advanced) spots
Percentage of graduates who enter: 50% postgraduate fellowships, 30% academic and/or research careers, 20% 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: 2 PGY5 positions
Shahzad Shaeefi, MD - BIDMC

2015 TRAINING DIRECTORY | RESIDENCY PROGRAM LISTINGS  ■ 15

HARVARD MEDICAL SCHOOL | MINORITY FACULTY DEVELOPMENT PROGRAM
Dermatology

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

Type of Program: Residency
Sponsoring Hospital(s): Massachusetts General Hospital and Beth Israel Deaconess Medical Center

Application deadline: October 1
Length of Program: 3 Years
Total number of positions available: 24
Number for PGY1: N/A; Enter as PGY2 – 6-8/yr
Percentage of graduates who enter: 50%
Part-time residency: No
Shared residency: No
Allow Moonlighting: Yes (Policy available upon request)

Program Offerings:
- Research: Teaching
- Postgraduate/Subspecialty Fellowships: Opportunities vary. Please contact department website for more information.

Beth Israel Deaconess Medical Center Combined Internal Medicine/Dermatology Training Program

Program Director: Rachel V Reynolds, MD/Christopher Smith, 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 and Beth Israel Deaconess Medical Center

Application deadline: October 1
Length of Program: 5 Years
Total number of positions available: 0
Number for PGY1: 0
Percentage of graduates who enter: N/A
Part-time residency: No
Shared residency: No
Allow Moonlighting: Yes (Policy available upon request)

Program Offerings:
- 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: 3 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:
- Research: Teaching
- Postgraduate/Subspecialty Fellowships: Opportunities vary. Please contact department website for more information.

Emergency Medicine

Harvard Affiliated Emergency Medicine at Beth Israel Deaconess Medical Center Residency

Department Chair: Richard Wolfe, MD
Director: Carlo L. Rosen, MD
Contact: Nicole Bagg

Beth Israel Deaconess Medical Center
Department of Emergency Medicine
One Deaconess Road; West CC-2
Boston, MA 02215
Tel: (617) 754-2339 Fax: (617) 754-2350
E-Mail: nbagg@bidmc.harvard.edu

Web: www.bidmcem.org

Type of Program: Residency
Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

Application deadline: December 15
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

Jonathan Fisher MD, Director
No. of Positions Available: 1
Contact: Nicole Bagg
E-Mail: nbagg@bidmc.harvard.edu

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

Department Chair: Michael VanRooyen, MD, MPH (Interim)
Director: Eric S. Nadel, MD
Contact: Alexis Werner
Brigham and Women’s Hospital
75 Francis Street
Neville House - Room NH-236A
Boston, MA 02115
Tel: (617) 732-8070 Fax: (617) 582-6038
E-Mail: awerner@partners.org
Web: www.haemr.org
Type of Program: Residency - Emergency Medicine
Sponsoring Hospital(s): Brigham and Women’s Hospital
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: N/A
BWH: International Emergency Medicine, Emergency Ultrasound, Medical Simulation, Critical Care, Health Policy Translation
MGH: Emergency Ultrasound, Pediatric Emergency Medicine, Wilderness Medicine

INTERNAL MEDICINE

Primary Care Internal Medicine Program at Cambridge Health Alliance
Department Chair: David H. Bor, 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@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 Practice
Opportunities, International Elective Training
Fellowships: N/A

Internal Medicine at Massachusetts General Hospital
Department Chair: Katrina Armstrong, MD
Director: Jatin M. Vyas, MD, PhD
Contact: Karen Bruynell
Massachusetts General Hospital
55 Fruit Street, GRB 740
Boston, MA 02114
Tel: (617) 726-2865 Fax: (617) 724-7441
E-Mail: mghimresidency@partners.org; kbruynell@partners.org
Web: http://www.massgeneral.org/medicine
Type of Program: Residency
Sponsoring Hospital(s): Massachusetts General Hospital
Application deadline: October 1
Length of Program: 3 (4 for Global Primary Care)
Total number of positions available: 167
Number for PGY1: 43 categorical, 7 primary care
12 preliminary medicine and 2 global primary care
Percentage of graduates who enter: 80% postgraduate fellowships, 60% academic and/or research careers, 25% primary care career
Part-time residency: No
Shared residency: No
Allow Moonlighting: Yes
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

Internal Medicine Program at Brigham and Women’s Hospital
Department Chair: Joseph Lloscalzo, 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.bwhpartners.org/residency
Type of Program: Residency and Fellowship
Sponsoring Hospital(s): Brigham and Women’s Hospital
Application deadline: October 1
Length of Program: 3 (4 for Global Primary Care)
Total number of positions available: 167
Number for PGY1: 43 categorical, 7 primary care
12 preliminary medicine and 2 global primary care
Percentage of graduates who enter: 80% postgraduate fellowships, 60% academic and/or research careers, 25% primary care career
Part-time residency: No
Shared residency: No
Allow Moonlighting: Yes
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

Harvard Medical School | Minority Faculty Development Program
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
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
Infectious Disease: 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
77 Avenue Louis Pasteur, Room 168A
Boston, MA 02115
Tel: (617) 525-4704 Fax: (617) 264-3018
E-Mail: jvalerius@partners.org
Web: http://www.brighamandwomens.org/
Departments_and_Services/medicine/services/genetics/edu_train/comb_residency/
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
Type of Program: Residency
Sponsoring Hospital(s): Beth Israel Deaconess Medical Center
Application deadline: October 15
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, Formal faculty development program
Training Opportunities: Research, Primary Care Track, Global Health Track, Education Track, Postgraduate/Subspecialty Fellowships:
Cardiovascular: J. Kannam, MD - BIDMC
Endocrinology: E. Rosen, 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
Nephrology: S. Lecker, MD PhD - BIDMC
Pulmonary, Critical Care : P. Clardy .MD
- BIDMC
- BIDMC
Sleep Medicine: R. Thomas, MD - BIDMC
Rheumatology: R. Shmerling, MD – BIDMC

Internal Medicine Program Mount Auburn Hospital
Department Chair: Valerie Stone, MD
Director: Eric M. Flint, 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
Web: 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
Allow Moonlighting: Yes
Program Offerings: Mentoring available, Formal faculty development program
Training Opportunities: Research, Primary Care Opportunities, Teaching, Consultation/Liaison, Community Based Practice Opportunities, Postgraduate/Subspecialty Fellowships:
Medicine: Charles J. Hatem, 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: bwresinfo@partners.org; 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: medpedsresidency@partners.org
mrlopes@partners.org
Web: http://medapps.med.harvard.edu/medpeds/mgh/index.html
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 for 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: NA

**MEDICAL GENETICS**

**Harvard Medical School Genetics Training Program**

Director: Joan Stoler, MD
Contact: Amy McGlinn
77 Avenue Louis Pasteur, NRB 250
Boston, MA 02115
Tel: (617) 525-4483 Fax: (617) 525-4488
E-Mail: amcglinn@partners.org
Web: www.genetictraining.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

**NEUROLOGY**

**Harvard Medical School Neurology Program at Beth Israel Deaconess**

Medical Center

Department Chair: Clifford B. Saper, MD, PhD
Contact: Frank W. Drislane, 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
Web: www.bidmc.harvard.edu/neurology
Type of Program: Residency
Sponsoring Hospital(s): Beth Israel Deaconess Medical Center
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, 0% primary care career
Shared residency: Yes
Allow Moonlighting: Yes
Program Offerings: Four 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
Vascular Neurology Fellowship; MGH
Clinical Neurophysiology Fellowship; BWH
Clinical Neurophysiology Fellowship; BWH
Neuromuscular Medicine Fellowship
Non-ACGME Accredited: MGH Neurocritical Care, MGH Memory Disorders, Movement Disorders Fellowship, MGH Epilepsy, BWH Epilepsy, MGH Advanced General 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,
Comments: A large array of research opportunities are available at the Massachusetts General, Brigham and Women's and West Roxbury Veterans’ Affairs

CHILD NEUROLOGY

Child Neurology Training Program at Boston Children's Hospital
Department Chair: Scott Pomeroy, MD, PhD
Director: David Urion, MD
Contact: Kelley Hyatt
Children's Hospital Boston
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/neurology
Type of Program: Residency (PGY3 - 5)
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: 3
Total number of positions available: 15
Number for PGY1: 0
Percentage of graduates who enter: 50% postgraduate fellowships, 40% academic and/or research careers, 10% private practice
Part-time residency: No
Shared residency: No
Allow Moonlighting: No

Child Neurology Residency Program at Massachusetts General Hospital
Department Chair: Kevin J. Staley, MD
Program Director: Catherine J. Chu, MD, MMSc
Contact: Catherine J. Chu, MD, MMSc
Program Coordinator: Virginia Tosney-Trask
Email: vtosneytrask@partners.org
Massachusetts General Hospital
175 Cambridge Street – Room 340
Boston, MA 02114
Tel: (617) 726-6540 Fax: (617) 726-0230
E-Mail: cchu3@partners.org
Web: http://www.mghchildneurologyresidency.org
Type of Program: Residency
Sponsoring Hospital(s): Massachusetts General Hospital
Application deadline: October 1
Length of Program: 3 years
Total number of positions available: 2 per year
Number for PGY1: 1-2
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)

NEUROSURGERY

Brigham and Women's/Boston Children's Hospital/Harvard Medical School Residency Training Program in Neurosurgery
Department Chair: E. Antonio Chiocca, MD, PhD
Director: Edward R. Laws, MD
Contact: Courtney Gilligan
Brigham and Women's Hospital
75 Francis Street, AB-136
Boston, MA 02115
Tel: (617) 732-8719 Fax: (617) 264-6835
E-Mail: cegilligan@partners.org
Web: http://www.b Brighamandwomens.org/Departments_and_Services/neurosurgery/residencyprogram/default.aspx?sub=7
Type of Program: Residency
Sponsoring Hospital(s): Brigham and Women's Hospital
Application deadline: October 31
Length of Program: 7 years
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
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 ofNeuroscience/Neuroanatomy course at HMS, Boot Camp, RUNN Course, publications
Postgraduate/Subspecialty Fellowships: Shillito Fellowship in Pediatrics Neurosurgery: Alan Cohen, MD - BCH
Image Guided Surgery Fellowship – Alexander 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: Robert L. Martuza, MD
Director: Paul H. Chapman, MD
Contact: Jaclyn Brogna
Massachusetts General Hospital
55 Fruit Street, GRB 502
Boston, MA 02114
Tel: (617) 726-5143 Fax: 617-7263434
E-Mail: jbrogna@partners.org
Web: http://neurosurgery.mgh.harvard.edu
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
NUCLEAR MEDICINE

Joint Program in Nuclear Medicine
Department Chair: Steven E. Seltzer, MD, HMS Radiology
Director: Frederic D. Grant, MD
Contact: Ryan Hewitt
Brigham and Women's Hospital
75 Francis Street
Boston MA 02115
Tel: (617) 278-0702 Fax: (617) 264-5250
E-Mail: jpnm@partners.org
Web: 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

OBSTETRICS AND GYNECOLOGY

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: Yana Nunez - Program Coordinator
Brigham and Women's Hospital/Massachusetts General Hospital
75 Francis Street, ASB1-03-078
Boston, MA 02115
Tel: (617) 732-7801 Fax: (617) 730-2833
E-Mail: ynunez@partners.org Web: 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: TBD 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 Program 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
Web: http://www.bidmc.org/MedicalEducation/Departments/ObstetricsGynecology.aspx
Type of Program: Residency
Sponsoring Hospital(s): Beth Israel Deaconess Medical Center
Application deadline: October 1
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 careers
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: Susan H. Klibride
Beth Israel Deaconess Medical Center
330 Brookline Avenue, Kirstein 3rd Floor
Boston, MA 02215
Tel: (617) 667-2966 Fax: (617) 667-0842
E-Mail: sherlihy@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: Steven J. Ralston, MD MPH
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

OPHTHALMOLOGY

Ophthalmology
Department Chair: Joan W. Miller, MD
Director: Carolyn Kloeck, MDMassachusetts 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: www.masseyeandear.org
Type of Program: Residency
Sponsoring Hospital(s): Massachusetts Eye and Ear Infirmary
Application deadline: September 30
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 available, Meeting travel funds, Assistance in grant preparation, Research start-up funds
Training Opportunities: Research, Teaching, Variety of clinical training centers
Postgraduate/Subspecialty Fellowships: Cornea, Eye Pathology, Glaucoma, Neuro-Ophthalmology, Ocular Immunology and Uveitis, Vision Rehab, Vitreoretinal, Medical Retina

ORTHOPAEDICS

Harvard Combined Orthopaedic Residency Program
Department Chair: Harvard Orthopaedic Chiefs Executive Committee
Program Director: George Dyer, MD
Contact: Jennifer Duane
Massachusetts General Hospital
55 Fruit Street, WHT 535
Boston, MA 02114
Tel: (617) 726-3124
Fax: (617) 726-3124
E-Mail: jduane1@partners.org
Web: www.mhm.harvard.edu/ortho
Type of Program: Residency, Fellowship
Sponsoring Hospital(s): Massachusetts General Hospital, Beth Israel Deaconess Medical Center, Brigham and Women's Hospital, Boston Children's Hospital
Application deadline: November 1
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

OTOLARYNGOLOGY

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
Web: www.meei.harvard.edu
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 15th
Length of Program: 5
Total number of positions available: 23
Number for PGY1: 5
Percentage of graduates who enter: 70% postgraduate fellowships, 15% academic careers, 15% research careers
Part-time residency: No
Shared residency: No
Allow Moonlighting: No
Program Offerings: Mentoring available, Meeting travel funds available, Assistance in grant preparation, 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: R. Folkerth, MD - BWH
ABMG certified: Cytogenetics: C. Morton, MD - BWH
Non-ACGME certified:
GI Pathology: R. Odze, MD - BWH
GU Pathology: M. Hirsch, MD, PhD Pulmonary Pathology: J. Godleski, 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 Fax: (617) 643-4045  
E-Mail: tpappadia@mgh.harvard.edu  
Web: www.mgh.harvard.edu  
Type of Program: Residency  
Sponsoring Hospital(s): Children’s Hospital  
Application deadline: October 31  
Length of Program: 3 years  
Total number of positions available: 3  
Number for PGY1: 10 - 12  
Percentage of graduates who enter: 70% post-graduate fellowships,  
60% academic and/or research careers, 60% pathology practice career  
Part-time residency: No  
Allow Moonlighting: No  
Program Offerings: 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) Rolf Pfannl, MD - Director  
Cytology: Gamze Ayata, MD - Director  
Hematology: German Pihan, MD – Director  
HMS Combined (but non-BIDMC-sponsored Fellowships):  
Neuropathology (R. Folkert, BWH), Molecular  
Genetics (J. Longtime, MD, BWH) Transfusion  
Medicine (R. Kaufmann, MD, BWH) HMS  
Dermatopathology (G. Murphy)  

PEdiATriCS  

Boston Combined Residency Pediatric Program  
Department Chair: Gary Fleisher, MD - BCH, and  
Robert J. Vinci, MD-BMC, Co-Chairs Director:  
Ted Sectish, MD/Robert Vinci, MD  
Contact: Elyane Fournier  
Children's Hospital Boston  
300 Longwood Avenue, Hunnewell 3  
Boston, MA 02115  
Tel: (617) 355-8241 Fax: (617) 730-0469  
E-Mail: bcrp@childrens.harvard.edu  
Web: www.childrenshospital.org/training/pedres1/  
Type of Program: Residency  
Sponsoring Hospital(s): Children’s Hospital  
Boston/ Boston Medical Center  
Application deadline: October 31  
Length of Program: 3 Years  
Total number of positions available: 117  
Number for PGY1: 39  
Percentage of graduates who enter: 70% post-graduate fellowships, 30% primary care career  
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: Lynda Schneider, MD Pediatric  
Cardiology: David Brown, MD  
Child/Adolescent Psychiatry: Robert L. Kitts, MD  
Medical Biochemical Genetics- Gerald Berry, MD,  
PhD Clinical Neuropathology and Epilepsy Blaise  
Bourgeois, MD  
Dentistry Linda Nelson, DMD  
Pediatric Dermatology res. coordinator) Stephen  
Gells, MD  
Developmental and Behavioral Pediatrics:  
Stephanie Blenner, MD - BMC and Leonard A.  
Pappaport - BCH  
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  
Genetics: Joan Stoler, MD - BCH  
Health Services Research Fellowship: S. Muret-  
Wagstaff, PhD - BCH  
Pediatric Hematology/Oncology: David Williams,  
MD - BCH  
Pediatric Infectious Diseases: Tanvi Sharma, MD  
Medical Toxicology: Michelle. Burns-Ewald, MD  
- BCH  
Pediatric Nephrology: David. Briscoe, MD - BCH  
Developmental and Behavioral Pediatrics:  
Stephanie Blenner, MD - BMC and Leonard A.  
Pappaport - BCH  
Pediatric Neurology: David. Briscoe, MD - BCH  
Neurodevelopmental Disabilities: David Unro, MD  
NeurosurgeryA. John Popp, MD  
Newborn Medicine: John Zupancic, MD – BCH  
Ophthalmology Deborah Vanderveen, MD  
Orthopedics, James Kasser, MD  
Orthopedics Sports Medicine Lyle Micheli, MD  
Otolaryngology Michael Cunningham, MD  
Pediatric Anesthesia: David Waisel MD  
Pediatric Critical Care: Jeffrey Burns, MD  
Pediatric Epidemiologic Research: M.J. Corwin,  
MD - BMC  
Pediatric Environmental Health: Alan. Woolf, MD,  
MPH – BCH  
Plastic Surgery John G. Meara, MD, DMD, MBA  
Pediatric 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 Neuro-Oncology: Mark Kieran, 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: Robert Sundel, MD
Pediatric Transplant Hepatology: Maureen Jonas, MD
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: Melissa Lopes, MHA
Massachusetts General Hospital
175 Cambridge St., 5th Floor – CPZS 591
Boston, MA 02114
Tel: (617) 724-2687 Fax: (617) 726-5961
E-Mail: residencyrecruitment@partners.org
Web: www.massgeneralforchildren.org/residency

Massachusetts General Hospital

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: medpedsresidency@partners.org
Web: http://medapps.med.harvard.edu/medpeds/mgh/index.html

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/global_health and the MGHFC Division of Global Health.

PLASTIC SURGERY

Harvard Plastic Surgery Combined Residency Program

Department Chair: Elof Eriksson, MD PhD
-BWH, William G. Austen, Jr., MD - MGH,
Robert Frankenthaler, MD - BIDMC, Matthias Donelon, MD - Shriners Hospital for Children, John Meara, MD - BWH
Contact: Michele Barnes
Brigham and Women’s Hospital
75 Francis Street, Division of Plastic Surgery
Boston, MA 02115
Tel: Program Director: (617) 725-5280
mbarnes1@partners.org
Web: http://plasticsurgeryresidency.hms.harvard.edu

Type of Program: Residency
Sponsoring Hospital(s): Brigham and Women’s Hospital, Beth Israel Deaconess Medical Center, Shriners Hospital Boston, Massachusetts General Hospital, Shriner’s Burn Hospital
Application deadline: October 21
Length of Program: Independent: 3 years,
Integrated: 6 years starting
Total number of positions available: 18
Number for PGY1: 3

E-Mail: ekirkland@partners.org
Tel: (617) 952-5243 Fax: (617) 952-5934
Charlestown, MA 02129
300 First Avenue
Spaulding Rehabilitation Hospital
Contact: Elan Kirkland, Assistant of Academics
Director: Kevin C. O’Connor MD
Department Chair: Ross Zafonte, DO
Contact: Kevin C. O’Connor MD
Director: Kevin C. O’Connor MD
Contact: Elan Kirkland, Assistant of Academics
Spaulding Rehabilitation Hospital
300 First Avenue
Charlestown, MA 02129
Tel: (617) 952-5243 Fax: (617) 952-5934
E-Mail: ekirkland@partners.org

PHYSICAL MEDICINE AND REHABILITATION

Physical Medicine and Rehabilitation
Department Chair: Ross Zafonte, DO
Contact: Elan Kirkland, Assistant of Academics
Spaulding Rehabilitation Hospital
300 First Avenue
Charlestown, MA 02129
Tel: (617) 952-5243 Fax: (617) 952-5934
E-Mail: ekirkland@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: 21 (7 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 (unaccredited)

HARVARD MEDICAL SCHOOL | MINORITY FACULTY DEVELOPMENT PROGRAM
Percentage of graduates who enter: 50% postgraduate 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:
Cranio-Facial Surgery: J. Mulliken, MD - BCH
Hand: P. Blazar, MD - BWH, Aesthetic and Reconstructive Plastic Surgery: S. Lin, MD - BIDMC, S. Slavin, MD - BIDMC

PSYCHIATRY

Cambridge Hospital Residency in Child & Adolescent Psychiatry
Department Chair: Jack D. Burke, MD, MPH
Training Director: Sandra DeJong, MD
Contact: Roopal 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: November 1
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% postgraduate 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: Jack D. Burke, Jr., MD, MPH
Director: Marshall Forstein, MD
Contact: Robert P. Tetrick, M.A.
Cambridge Hospital
1493 Cambridge Street, Department of Psychiatry
Cambridge, MA 02139
Tel: (617) 665-1187 Fax: (617) 665-3449
E-Mail: AdPsychRes@cha.harvard.edu
Web: www.challiance.org/training
Type of Program: Internship, Residency, Fellowship Sponsoring Hospital(s): The Cambridge Health Alliance (The Cambridge Hospital, Somerville Hospital, Whidden Hospital, Central St. Primary Care, and other satellite minority clinics)
Application deadline: November 15
Length of Program: 4
Total number of positions available: 8 residents/year
Number for PGY1: 8
Percentage of graduates who enter: 50% postgraduate fellowships, 75% academic and/or research careers, 80% public sector (full or part-time), 90% private practice (full or part-time)
Part-time residency: Yes
Shared residency: Yes
Allow Moonlighting: Yes
Program Offerings: APA Minority Grant support Training Opportunities: Research, Teaching, Consultation/Liaison, Community Based Practice Opportunities, Psychotherapy, Psychopharmacology, In-patient Psychiatry, Acute Services, Community Outreach, Minority and Cultural Clinics
Postgraduate/Subspecialty Fellowships: Geriatrics, Addictions Psychiatry, 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: 15
Percentage of graduates who enter: 50% postgraduate 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: Marie Foley,
Program Coordinator 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
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: 50% postgraduate fellowships, 35% academic and/or research careers, 15% 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, 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.
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., Program Manager
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
Web: www.mghmclean.org/adult
Type of Program: Residency
Sponsoring Hospital(s): Massachusetts General Hospital, McLean Hospital
Application deadline: November 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% postgraduate fellowships, 50% academic and/or research careers, 30% primary care career
Part-time residency: Yes 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: S. Greenfield, MD - Partners Consultation/Liaison: G. Fricchione, MD - MGH; Forensic: R. Schouten, MD - MGH Geriatric Psychiatry: J. Ellison, MD - McLean Psychoanalytic: M. Fava, MD - MGH Psychopharmacology: R.J. Baldessarini, MD – McLean, Psychotherapy: J. Gunderson, MD – McLean Public and Community Psychiatry: Oliver Freudenreich, MD - Substance Abuse: R. Weiss, MD - McLean 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-Hintz 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: Elaine Almeida Massachusetts General Hospital, Department of Psychiatry
15 Parkman Street Wang 812
Boston, MA 02114-2696
Tel: (617) 726-1620 Fax: (617) 726-9136
E-Mail: ealmeida@partners.org Web: www.mghmclean.org
Type of Program: Residency
Sponsoring Hospital(s): Massachusetts General Hospital, McLean Hospital
Application deadline: September 31
Length of Program: 2
Total number of positions available: 18
Number for PGY1: 1 (2 five-year positions are offered: 1 year pediatric internship, 2 years general psychiatry residency, 2 year child & adolescent psychiatry residency (entry is through the MGH/ McLean general residency 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

Harvard Radiation Oncology Program

Department Chair and Training Director: Jay R. Harris, MD, BWH, DFCI, BCH
Contact: C. Annie Rodriguez
Harvard Radiation Oncology Program
350 Longwood Avenue
Galleria, Suite 205
Boston, MA 02115
Tel: (617) 732-6203
E-Mail: crodriguez11@partners.org
Web: www.harvardradiationoncologyprogram.org
Type of Program: Residency
Sponsoring Hospital(s): Brigham and Women’s Hospital, Beth Israel Deaconess Medical Center, Boston Children’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, Consultation/Liaison
Postgraduate/Subspecialty Fellowships: N/A Radiology

DIAGNOSTIC RADIOLOGY

Brigham and Women’s Hospital Diagnostic Radiology Residency

Department Chair: Steven E. Seltzer, MD
Director: Barbara N. Weissman, MD
Contact: Jenna Hastings, Program Coordinator
jmhastings@partners.org
Brigham and Women’s Hospital
75 Francis Street, Department of Radiology
Boston, MA 02115
Tel: (617) 732-5938 Fax: (617) 264-5250
E-Mail: BWHRADRES@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: 39
Number for PGY1: 0 (Residents begin in PGY2 (10), upon completion of internship)
Percentage of graduates who enter: 90% postgraduate 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: N/A Imaging and Intervention: S.
Silverman, MD – BWH; Angiography and Interventional: T. Killoran, MD; Breast Imaging, Women’s Imaging: S. Raza, MD; Cardiovascular: R. Blankstein, MD, J. Wu, MD – BWH; Chest: B. Trotman-Dickenson, MBBS; Emergency Radiology, B. Khurana, MD; Biomedical and Health Informatics, R. Khorasani, MD, MPH; MR/Image Guided Therapy: F. Jolesz, MD; Musculoskeletal Imaging and Intervention: G. Gaviola, MD; Neuroradiology: L. Hsu, MD; Nuclear Medicine: F. Grant, MD-BCH; and training opportunities at Dana Farber Cancer Institute.

Diagnostic Radiology at Beth Israel Deaconess Medical Center
Department Chair: Jonathan B. Kruskal, MD, PhD
Director: Priscilla Slanetz, MD, MPH
Contact: Katie Armstrong, Manager of Medical Education Programs
Beth Israel Deaconess Medical Center
330 Brookline Avenue
Boston, MA 02215
Tel: (617) 667-3532 Fax: (617) 667-8212
E-Mail: kearnstr@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)

Diagnostic Radiology Program at Massachusetts General Hospital
Department Chair: James A. Brink, MD Director: Theresa C. McCloud, MD
Contact: Melanie Miller, Program Coordinator
Massachusetts General Hospital
14 Fruit Street, Dept. of Radiology - MZFND 216
Boston, MA 02114
Tel: (617) 724-4255 Fax: (617) 726-3077
E-Mail: tmlcloud@partners.org
Web: www.mghradires.org

Type of Program: Residency
Sponsoring Hospital(s): Massachusetts General Hospital
Application deadline: November 1
Length of Program: 4
Total number of positions available: 44
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: Meeting travel funds available

Training Opportunities: provides trainees with high patient diversity, exceptional hands-on procedural experience, and state-of-the-art facilities 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 Childrens 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

Mount Auburn Hospital Diagnostic Radiology
Department Chair: Michael J. Shortsleeve, MD, FACR
Director: J. Pierre Sasson, MD
Contact: Phyllis O’Neill - Residency Coordinator
Mount Auburn Hospital
330 Mount Auburn Street
Cambridge, MA 02238
Tel: (617) 441-1610 Fax: (617) 499-5193
E-Mail: pmoneil@mah.harvard.edu
Web: www.mountauburn.org

Type of Program: Residency
Sponsoring Hospital(s): Mount Auburn Hospital, Children’s Hospital Boston, Massachusetts General Hospital
Application deadline: November 1
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: 95% post-graduate fellowships, 40% academic and/or research, 60% primary care career
Part-time residency: No
Shared residency: No
Allow Moonlighting: Yes
Program Offerings: Meeting travel funds available

Training Opportunities: provides trainees with high patient diversity, exceptional hands-on procedural experience, and state-of-the-art facilities 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 Childrens 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

Mount Auburn Hospital Diagnostic Radiology
Department Chair: Michael J. Shortsleeve, MD, FACR
Director: J. Pierre Sasson, MD
Contact: Phyllis O’Neill - Residency Coordinator
Mount Auburn Hospital
330 Mount Auburn Street
Cambridge, MA 02238
Tel: (617) 441-1610 Fax: (617) 499-5193
E-Mail: pmoneil@mah.harvard.edu
Web: www.mountauburn.org

Type of Program: Residency
Sponsoring Hospital(s): Mount Auburn Hospital, Children’s Hospital Boston, Massachusetts General Hospital
Application deadline: November 1
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: 95% post-graduate fellowships, 40% academic and/or research, 60% primary care career
Part-time residency: No
Shared residency: No
Allow Moonlighting: Yes
Program Offerings: Meeting travel funds available

Training Opportunities: provides trainees with high patient diversity, exceptional hands-on procedural experience, and state-of-the-art facilities 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 Childrens 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

Mount Auburn Hospital Diagnostic Radiology
Department Chair: Michael J. Shortsleeve, MD, FACR
Director: J. Pierre Sasson, MD
Contact: Phyllis O’Neill - Residency Coordinator
Mount Auburn Hospital
330 Mount Auburn Street
Cambridge, MA 02238
Tel: (617) 441-1610 Fax: (617) 499-5193
E-Mail: pmoneil@mah.harvard.edu
Web: www.mountauburn.org

Type of Program: Residency
Sponsoring Hospital(s): Mount Auburn Hospital, Children’s Hospital Boston, Massachusetts General Hospital
Application deadline: November 1
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: 95% post-graduate fellowships, 40% academic and/or research, 60% primary care career
Part-time residency: No
Shared residency: No
Allow Moonlighting: Yes
Program Offerings: Meeting travel funds available

Training Opportunities: provides trainees with high patient diversity, exceptional hands-on procedural experience, and state-of-the-art facilities 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 Childrens 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
**Surgery**

**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

Web: http://www.brighamandwomens.org/

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

Application deadline: October 15

Length of Program: 5 years

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: Research, Joint 4:3 preparation, Research start-up funds available, Assistance in grant preparation, Research start-up funds available, 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

**Burn Surgery**

Sponsoring Hospital(s): Beth Israel Deaconess Medical Center

Application deadline: November 1st

Length of Program: 5 years

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: Research, Teaching

**Brigham and Women’s Hospital General Surgery**

Department Chair: Michael J. Zinner, 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

Web: http://www.brighamandwomens.org/

Departments_and_Services/surgery/medical_professionals/surgery/Default.aspx

Type of Program: Residency

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

Application deadline: October 15

Length of Program: 5

Number for PGY1: 8

Percentage of graduates who enter: 95%

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Research, Meeting travel funds available, Training Opportunities: Research Postgraduate/Subspecialty Fellowships (Program Directors):

Cardiac Surgery - George Tolis, M.D.

Thoracic Surgery - Douglas Mathiesen, M.D.

Vascular Surgery - Christopher Kwolek, M.D.

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

Hand and Microsurgery - Chaitanya Mudgal, M.D.

Transplant Surgery - James Markmann, M.D.

Contact: Lois Parker

**Surgery 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

Web: http://www.massgeneral.org/department/education/residency_programs.aspx?did=77&panel1=-1

Type of Program: Residency

Sponsoring Hospital(s): Massachusetts General Hospital

Application deadline: October 1

Length of Program: 5

Number for PGY1: 9 categorical

Percentage of graduates who enter: 80%

Part-time residency: No

Shared residency: No

Allow Moonlighting: No

Program Offerings: Research, Meeting travel funds available, Training Opportunities: Research Postgraduate/Subspecialty Fellowships (Program Directors):

Cardiac Surgery - George Tolis, M.D.

Thoracic Surgery - Douglas Mathiesen, M.D.

Vascular Surgery - Christopher Kwolek, M.D.

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

Hand and Microsurgery - Chaitanya Mudgal, M.D.

Transplant Surgery - James Markmann, M.D.

Contact: Lois Parker

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

Department Chair: Keith Lillemoe, MD

Director: Christopher J. Kwolek, MD

Contact: Lauren Sterling
Massachusetts General Hospital
WAC-440
15 Parkman Street
Boston, MA 02114
Tel: (617) 726-8701 Fax: (617) 726-8700
E-Mail: lsterling@partners.org
Web: www.mgh.harvard.edu/surgery
Type of Program: Integrated Vascular Residency
Sponsoring Hospital: Massachusetts General Hospital
Application deadline: November 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

UROLOGY

Harvard Program in Urology

The Harvard Program in Urology

Department Chair: Adam Kibel, MD
Director: Kevin Loughlin, MD
Contact: Ingrid Bello
Brigham and Women's Hospital
75 Francis Street
Boston, MA 02115
Tel: (617) 525-7372 Fax: (617) 525-6348
E-Mail: surgeryeducation@partners.org
Web: www.brighamandwomens.org/surgery
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: 50% postgraduate fellowships, 50% academic research careers
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: Research, Teaching, Consultation/Liaison
Postgraduate/Subspecialty Fellowships: Society for Urologic Oncology Fellowship Program, non-ACGME accredited
Comments: N/A

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
Web: 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% postgraduate 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, Research start-up funds, 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 Office for Diversity Inclusion and Community Partnership (DICP) at Harvard Medical School (HMS) was created to promote increased recruitment, retention and advancement of diverse faculty, particularly underrepresented minority faculty, at HMS and to oversee all diversity activities involving 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’s work includes research and technical assistance that lead to national, regional and local strategies that support workforce diversity and inclusion in the biomedical sciences. 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. For the most part, community activities are complementary to the overall diversity agenda.

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 17 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: www.hms.harvard.edu/dcp | Email: 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, Native American, 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. 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_hpss@hms.harvard.edu
Website: www.mfdp.med.harvard.edu
THE MONGAN COMMONWEALTH FUND FELLOWSHIP IN MINORITY HEALTH POLICY

Based at Harvard Medical School, under the auspices of the Minority Faculty Development Program, the Mongan Commonwealth Fund Fellowship in Minority Health Policy is a one-year, full-time, academic degree-granting program designed to create physician-leaders who will pursue careers in health policy, public service, and academia. 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. An optional second year of practicum experience to supplement the fellows’ academic and leadership development training at Harvard with practical experience is also available. 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 cadré 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
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 a one-year or two-year academic degree-granting program, designed to create oral health leaders, particularly minority oral health leaders, 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 and the Harvard T.H. Chan School of Public Health should be addressed to:

Joan Y. Reede, MD, MPH, MBA, Program Director
Joseph L. Henry Oral Health Program
c/o Minority Faculty Development Program
Harvard Medical School
164 Longwood Ave, 2nd Floor
Boston, MA 02115-5818
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 for Harvard Medical School (HMS) junior faculty that enables fellows to pursue activities that enhance their career development as researchers and clinicians/teachers, leads to their advancement within the Harvard system, and promotes diversity within the HMS community. The Program will provide two years of fellowship support in the amount of $50,000 per year intended to provide release time from clinical work to conduct an individual, mentored research project. Fellows will also participate in Fellowship-related activities, meet regularly with mentors, and present research findings at the Minority Health Policy Annual 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:
Teréa 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
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
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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 Award (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.

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 Master's Program in Clinical and Translational Investigation 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:
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HARVARD CATALYST PROGRAM FOR FACULTY DEVELOPMENT AND DIVERSITY (PFDD)
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.

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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 will participate in weekly seminars with Harvard faculty focusing on topics such as research methodology, health disparities, ethics, and career paths. Participants will 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 underrepresented minority 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:

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HARVARD CATALYST PROGRAM FOR FACULTY DEVELOPMENT AND DIVERSITY (PFDD)

FACULTY FELLOWSHIP

PFDD 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/

PFDD FACULTY FELLOWSHIP ELIGIBILITY

- Doctoral degree (e.g. MD, PhD, DO, DMD, DDS).
- 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:
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HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES:
CONTINUING EDUCATION COURSES

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

**Advanced Imaging for Clinical/Translational Researchers** – The Advanced Imaging course series is designed to assist clinical and translational investigators in (1) understanding more fully how various imaging modalities can be used to enhance their own research, and (2) introducing clinical and translational researchers to members of the imaging community in the Harvard network with whom they can collaborate. This series of courses will address CT, PET, and optical imaging through cardiovascular, neuroscience, and oncology topics, which will each be addressed consecutively over the three-day course.

**Biostatistics Seminar Series** – During the academic year, the Harvard Catalyst Biostatistics Program will present a series of talks based on recent advances in biostatistics, but with a focus on translation of those ideas to biostatistical practice. Speakers will provide detailed examples of the application of methods, often including discussion of software, code, and worked examples.

**Certificate in Applied Biostatistics** – This 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 a twelve-week 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. Course faculty, including biostatisticians, will guide participants in creating a complete protocol design and template by the completion of the course.

**Effectively Communicating Research** – A two-day intensive course offered by Harvard Catalyst in collaboration with the New England Journal of Medicine and Brigham & Women’s Division of Medical Communications. 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 grants; and to speak effectively.

**Fundamentals of Clinical and Translational Research (FaCToR)** – FaCToR is an opportunity to gain a thorough knowledge 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 receive an overview of the translational domains from first-in-human studies to global health.

**Genetics & Bioinformatics Courses** – The genetics program offers a three-module course series that covers both general and specialized topics in translational genetics, and is designed to better acquaint clinicians and scientists with the tools and technologies of genetics and genomics. The bioinformatics programs offers a two-module course series that enable clinicians and scientists to use a variety of bioinformatics resources, including the basic NCBI Entrez and EBI Ensembl genome databases and more specialized resources.

**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. See catalyst.harvard.edu/services/dispevents for more information.

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HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES:
CONTINUING EDUCATION COURSES

**Introduction to Clinical Investigation (ICI)** – provides an overview of the types of clinical translational research in which participants can choose to engage, 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).

**Introduction to Network Medicine** – This three-day course offers an introduction to a rapidly emerging field that integrates systems biology and network science. This course will explore the network medicine concept through (1) a review of the role, identification, and behavior of networks in biology and disease, (2) the integration of multiple types of -omics data into perturbed, dynamic networks as a paradigm for understanding disease expression and course, and (3) systems pharmacology approaches for the development and evaluation of effective therapies of complex disease.

**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.

**Leadership Strategies for the Researcher (LSR)** – 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. The course is free of charge and open to MDs and PhDs with the faculty rank of instructor or assistant professor, that are currently leading research teams. During the course, participants will learn many aspects of leading and managing a team, including but not limited to, how to develop programs, manage projects, negotiate effectively, hire and manage a workforce, and manage budgets and grants.

**Medical Device Development** – This two-day intensive course addresses how researchers can identify clinical need, valuate and validate novel technologies, improve on existing medical devices and technologies, and conduct pre-clinical and clinical studies and post-market surveillance. In addition, the course is an opportunity to network with local experts 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.

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HARVARD CATALYST POSTGRADUATE EDUCATIONAL OPPORTUNITIES:
CONTINUING EDUCATION COURSES

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).

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 is 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 an online searchable catalog, the Advanced Curriculum Compendium offers clinical investigators educational opportunities to learn new methods or update existing clinical investigative skills. The foundation of the compendium consists of lectures, seminars, and courses that target core competencies fundamental to successful clinical investigation. All available courses offered by participating hospitals and institutions are searchable by institution, date, and keywords.

Community Capacity Building Seminar Series – The Community Capacity Building Initiative features a series of interactive seminars and workshops designed by academic faculty and fellows to transfer methodological skills (e.g. Intermediate/Advanced Epidemiology) and content-based knowledge (e.g. Presenting Data to Non-scientists) 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. The Population Health Research Program also offers ongoing technical assistance to seminar/workshop participants who seek assistance incorporating what they have learned into their practice.

Education Video Library – This online video library is a dynamic catalog of past courses, seminars, and lectures sponsored by Harvard Catalyst. The library includes videos from some of Harvard Catalyst’s most popular courses, including Introduction to Clinical Investigation (ICI) and Introduction to Translational Medicine (ITTM). The video library will continue to be updated as new offerings become available.

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.
Biomedical Informatics Master of Medical Sciences – A two-year post-doctoral degree program, the MMSc in Biomedical Informatics consists of didactic course work, a seminar series, and mentored research in a home laboratory at HMS or its affiliated hospitals.

Clinical and Translational Scientist Certificate Program (CTSCP) – The program offers advanced training to early-career clinical and translational investigators, with a focus on imparting the practices and principles of research necessary to achieve success in their respective areas of investigation. This one-year program (with a second-year option) includes a carefully structured but time-limited didactic curriculum on topics relevant to clinical and translational investigators.

Grant Review and Support Program (GRASP) – A multi-year program aimed to guide investigators who have already obtained NIH K grants to understand the grant writing process, gain new skills, and write their R01 grant applications. GRASP begins with an orientation workshop that provides participants with advice in grant writing, 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 K awards. Armed with the knowledge and tools provided by GRASP, participants will be ready to submit an R01 grant application with a greater chance of being funded.

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. This award provides two years of salary support between 50 and 75 percent of the awardee's institutional salary base up to the NIH salary cap, plus fringe benefits. The application process is articulated on the Harvard Catalyst website, along with a full description of the program. KL2 awardees will receive advanced training in multiple disciplines, including biostatistics, epidemiology, clinical pharmacology, study design, genetics, bioinformatics, bioethics, behavioral science, and imaging. Awardees can pursue this training within one of the three Harvard Master's programs in clinical and translational research (where eligible) or by combining elements of the various programs. KL2 awardees may also structure an individual educational program that fulfills the mission of the program and provides optimal training for their specific career objectives. In addition to the educational component of the program, KL2 awardees will pursue a mentored research project in their areas of expertise. It is expected that the research performed within the KL2 program will provide the basis for an independent NIH award (i.e., K23, KO8, or RO1).

Master's Program in Clinical and Translational Investigation (MPCTI) – As genomics and proteomics have allowed for the possibility of personalized medicine, MPCTI offers rich content that reflects the breadth of clinical and translational medicine at an introductory level for junior faculty or fellows. This program is a two-year postdoctoral degree program that consist of didactic course work and a mentored clinical/translational (C/T) research project with a Harvard-based mentor.