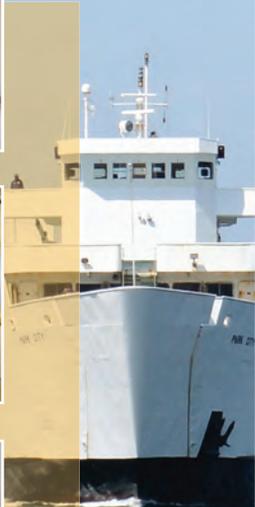


Stony Brook Medicine
SUNY Stony Brook Program
at
Mather Hospital
Integrated Interventional
Radiology Program



TICKETS

TOURIST
INFORMATION

A Message from the Director



Mohammad Bilal, MD
*Director
Integrated Interventional
Radiology Residency
Program*

Thank you for your interest in the SUNY at Stony Brook sponsored Integrated Interventional Radiology Program at Mather Hospital. As a member of the resident community, you will dive into an exciting opportunity to learn and develop the clinical and technical skills required of a well-rounded and competent interventional radiologist serving a community that embodies everyday practice. At Mather Hospital, over the past decade, interventional radiology has become a glowing reflection of the Hospital's four pillars of core values – People, Service, Quality & Safety, and Innovation & Growth. Under these pillars, the Department of Radiology at Mather is committed to providing world class expertise in patient care and is dedicated to providing an environment that is focused on progressive resident education.

Advances in the field of radiology have significantly broadened the educational needs of radiology residents over the past decade. Our program is designed to provide a complete clinical and academic experience in all subspecialty areas of Diagnostic Radiology including conventional radiography, nuclear medicine, computed tomography, magnetic resonance imaging, ultrasonography, and interventional radiology. Opportunities also exist for participation in a broad range of clinical and basic research activities. You will have full access to the resources provided by Stony Brook Medicine, in addition to Mather Hospital. Presently, Mather Hospital operates the latest imaging equipment and techniques while minimizing radiation exposure during diagnostic and interventional procedures.

As members of the Mather Hospital family, we are committed to providing optimal care to our patients by emphasizing the importance of a multidisciplinary team effort. The interventional radiology team has established many strong relationships with specialties such as Hospital Medicine, Pulmonary and Thoracic Surgery, Hematology Oncology, Gastroenterology, Urology, General Surgery, and Neurosurgery. The pinnacle of a resident's training is highly dependent on the teacher's expertise, dedication, passion and creativity. The core faculty for interventional radiology has demonstrated these attributes in their continued growth of the services provided and desire to maintain long term relationships with patients and medical staff colleagues. The patient experience is at the heart of our daily practice and feeds the desire to provide patient centered care in all areas of radiology at Mather Hospital.

Our philosophy utilizes a combination of structured curriculum, on-site training, and self-directed learning to reassure that milestones are met. Our goal is to empower you with the tools you need to promote and exercise your new knowledge to provide care with compassion, integrity and confidence to serve the community at large. I look forward to welcoming you to our robust community!

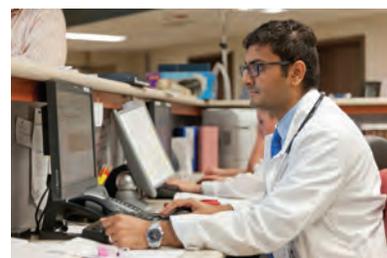
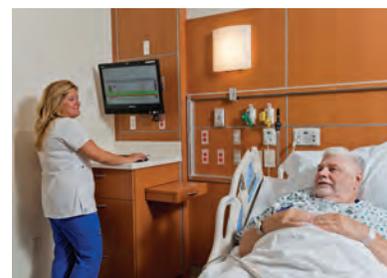
About Mather Hospital

A Culture of Excellence

Since it opened its doors in 1929 as the first general hospital in the Town of Brookhaven, John T. Mather Memorial Hospital's legacy of excellence and innovation in healthcare has earned regional and national recognition. Some of the more recent recognitions are:

- Mather was the only hospital on Long Island and in the Metropolitan area to receive a top "A" Hospital Safety Score in the latest rankings period from The Leapfrog Group, a national, independent group that advocates for patient safety, quality and affordability in healthcare.
- Mather has a reputation in the community for its caring nursing staff. Mather is designated a Magnet™ Recognized hospital by the American Nurses Credentialing Center, a prestigious recognition of quality, patient and staff satisfaction, and outcomes earned by only 471 hospitals worldwide.
- Mather ranked first in Suffolk County with patients who "would definitely recommend the Hospital," garnering the highest percentage in Medicare's most recent HCAHPS survey report.
- Mather has been recognized by The Joint Commission as a Top Performer on Key Quality Measures® for 2015, based on 2014 data. Mather was recognized for Heart Attack, Heart Failure, Pneumonia, Surgical Care, Stroke and Immunization.
- Mather Hospital has earned accredited by the American College of Radiology (ACR) and the National Accreditation Program for Breast Centers (NAPBC).

Mather Hospital's goal is to be the best community hospital in New York State and we hold four pillars as our core values: People, Service, Quality & Safety, and Innovation & Growth. As such, we strive to provide an ethical and professional environment in which the educational curricular requirements can be fully achieved and assessed. At Mather, diversity of background and thought is both respected and encouraged, and is considered a valued resource for development of original ideas.



About our Program

Mather Hospital's Integrated Interventional Radiology Program is designed to provide residents with the knowledge and skills that are required for any possible future experience in radiology that you might aspire to – be it a research position at a university, clinical subspecialty practice at a major medical center, or a general radiology practice in a community setting.

Resources

Mather and Stony Brook both employ state-of-the-art imaging equipment and angiography/interventional suites as well as updated fluoroscopy stations and conventional X-ray facilities. Equipment includes:

	Mather	Stony Brook
Radiographic Units (include chest units)	3	10
Fluoroscopic Units	2	5
Mammography Units	2	6
CT Units	2	6
Fewer than 16 detector rows	1	0
16 or 32 detector rows	0	2
64 or more detector rows	1	6
Ultrasound Units	6	8
MRI Units	2	6
Less than 1.5 T	0	1
1.5 T	1	4
3.0 T	1	4
SPECT	2	2
SPECT/CT	0	1
PET/CT	0	2
Single-plane Angio Suite	2	2
Bi-plane Angio Suite	0	4



Didactics

The core didactic program is conducted daily in the dedicated radiology conference room at Mather Hospital and repeats every two years. Core faculty are responsible for giving the presentations. There is a didactic component for each of the nine subspecialty areas, including the heart and coronary arteries. Anatomy, physiology, disease processes and imaging are included for all age groups.

Two physics lectures will be given each month by medical physicist Dr. Terry M. Button. Residents will also receive a weeklong intensive physics course prior to taking their core exam. Residents attend a minimum of 6 hours of required intra- and inter-departmental conferences/lectures per week, including:

Intra-departmental conferences:

- Daily Core Conference
- Weekly Case Conferences
- Physics Conference
- Monthly Journal Club
- Monthly Grand Rounds
- Research Methodology Conference
- Board Preparation

Inter-departmental conferences:

- Lung Cancer Conference
- Lung Cancer screening Case Review
- Cancer Conference
- Breast Cancer Conference
- Surgical Book club
- Procedural Peer Review committee
- GME Grand Rounds
- Internal Medicine Morbidity and Mortality Conference

Research

Both Mather and Stony Brook strongly support resident research and scholarly activity. During their training, residents are required to complete both a scholarly project (laboratory research, clinical research, the analysis of disease processes, imaging techniques, or practice management issues) as well as a QI project, both under faculty supervision.

Residents are provided with 12 weeks free of clinical duty (protected time) spread out over the four years of training for research. Dr. Bilal will set guidelines and due dates throughout this time to ensure projects are advancing at an appropriate rate. Residents will have full access to support from both Mather and Stony Brook – including access to medical physicists, radiologic equipment, and consultation of biostatistics in the department of preventive medicine.

Our faculty also have protected time to participate in and oversee research. Therefore, residents will be paired with a mentor that matches his or her interests. Both residents and faculty have access to Mather's active Institutional Review Board.

The results of all scholarly projects are required to be either published or presented before graduation. All residents will present their findings to their peers at the Program's Resident Research Fair during their senior year. Residents will also partake in local and national "research days" where projects will be evaluated by physicians of various fields.



About our Faculty



As a resident of Mather Hospital, you will have the distinction of working with, and being mentored by, a remarkable group of board-certified physicians. Our faculty includes nationally recognized clinicians and researchers, with vast levels of experience teaching and guiding students in their journey to becoming licensed physicians. All of our faculty are board certified, some in multiple specialties, bringing a well-rounded knowledge to each rotation they supervise. All of these physicians hold academic appointments at Stony Brook Medicine.



Mohammad Bilal, MD is the Program Director of the Integrated Interventional Radiology Program. He is a core faculty member and the Sub Specialty Education Coordinator of Interventional Radiology. Dr. Bilal earned his medical degree from Boston University School of Medicine and completed a Transitional Year internship at MetroWest Medical Center in Framingham, MA. He then completed his residency in Diagnostic Radiology and a fellowship in Vascular and Interventional Radiology at Long Island Jewish Medical Center before joining the staff at Mather Hospital. During his residency, he was the junior and senior Chief Resident. Dr. Bilal is the Medical Director of Vascular and Interventional Radiology at Mather Hospital, a member of the Cancer Committee and a clinical advisory board member of the Mather Spine Center. He also holds the academic title of Clinical Assistant Professor of Radiology at Stony Brook Medicine. Dr. Bilal specializes in all aspects of Diagnostic and Interventional Radiology with particular expertise in oncologic interventions, women's interventional health and spine intervention.



Our program also consists of Subspecialty Education Coordinators, who have oversight for a specific educational content area. Each of these Coordinators are board certified and work to develop and implement the subspecialty curriculum and subspecialty educational experience(s). Subspecialty areas include:

- Body Imaging
- Musculoskeletal
- Breast Imaging
- Neuroradiology
- Ultrasound
- Nuclear Medicine
- Emergency Radiology
- Pediatric Radiology
- Cardiothoracic

Dr. Alan Kaell serves as the Hospital's Director of Resident Scholarly Activity and Faculty Development. Board certified in Diagnostic Radiology, Rheumatology and Geriatrics, Dr. Kaell has been an active investigator for more than 30 years, focusing on rheumatology and immunology, resulting in numerous published research articles and chapters. He has lectured on his findings internationally, has had privileges at four major hospitals in Suffolk County and has been a reviewer and editor of various national journals for 30 -plus years. Dr. Kaell has conducted more than 20 Phase II, III and IV clinical trials for anti-rheumatic therapies and has been the recipient of NIH and Fetzer research grants.

Resident Quality of Life

We have designed the Mather program to provide not only a satisfying professional experience, but a good overall personal quality of life. Resident rotations are carefully designed to avoid fatigue. Our program provides ample opportunity to balance work and play, and Port Jefferson's locale allows convenient access to everything exciting Long Island has to offer.

Located approximately 60 miles east from New York City, Port Jefferson is a historical harbor village on the North Shore of Long Island. Originally a whaling port and shipbuilding community, the village was renamed after President Thomas Jefferson in 1836. Today, the village is largely known for its arts and cultural events held year round, from the Charles Dickens Festival to the Village Cup Regatta. Located on the waterfront, Port Jefferson Village is home to restaurants, theater and shopping.

The Long Island Railroad is conveniently located 10 minutes walking distance from the hospital and provides easy access to New York City. The Bridgeport & Port Jefferson Steamboat Company offers hourly ferry service to Connecticut. From vineyards to amusement parks, world famous beaches to spectacular sporting events, outlet shopping to great restaurants, Long Island's many offerings are all just a short drive away.

Mather Hospital has contracted with multiple rental management companies to reserve a limited number of subsidized, non-furnished studios, one- and two-bedroom apartments, many within walking distance to the hospital. We will also work with each resident on a case-by-case basis as needed, to ensure that they have adequate housing to fulfill their residential needs.

As residents of a State University of New York sponsored program, Mather/SUNY residents have access to a full complement of benefits, including vacation time, liability coverage, health insurance, dental coverage, conference stipends, sick leave, SUNY library access and on-campus activity discounts. They also have the opportunity to participate in both Mather and Stony Brook social activities exclusively for housestaff, and serve as representatives on both Mather and Stony Brook councils.



How to Apply

All applications will be accepted through ERAS and the NRMP.

ERAS Accreditation ID: 4163500015

NRMP Advanced Track Program Code: 2919416A0

NRMP Physician Track Program Code: 2919416R0



Contact Information

For more information,
www.matherhospital.org/interventionalradiologyresidency
Email: iresidency@matherhospital.org
Or call: (631) 686-1418

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Port Jefferson, NY 11777

Integrated
Interventional
Radiology
Program



Stony Brook **Medicine**



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