Brookdale Hospital Medical Center







Message from the Program Director:



Brookdale Hospital Medical Center

SURGICAL EDUCATION

Ravi Kothuru, MD, MBA, FACS Chairman of Surgery Program Director Chief, Division of Thoracic Surgery

Brookdale University Hospital, now part of One Brooklyn Health, is an institution that is steeped in a strong surgical tradition. There have been many decades of expert surgical clinicians technicians and innovators in our ranks and in our leadership. We would like to sat that two main guideposts of all the decisions that we make in our department are the patient and the trainee. When faced with a fork in the decision-making tree, what is best for the people we care for in our community always comes first. A close second is what is right for our residents. This thought process has guided us since the start of our residency in the early 1980's. Our residents are exposed to cutting-edge procedures of the highest acuity, from elective and emergent general surgery, to the most challenging penetrating trauma, to cancer care in every organ system. Because of the following ingredients, the volume of cases, focus on education, a culture of empathy, and talented young energetic as well as experienced faculty, our program generates excellent thoughtful, and technically competent surgeons. Our culture of team building and social networking allows residents to develop lifelong friendships. Thank you for your interest in our program and feel free to contact us for more information.

Brookdale Hospital Medical Center





Jacob Eisdorfer, DO, FACS, FASCRS
Associate Program Director
Chief Division of Colon and Rectal Surgery



Antonio Masi, MD, FACS Hepatobiliary Surgery



Daisy Gomez
Program Administrator
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Francesco Serafini, MD Surgical Oncology



Anthony Tortolani, MD Chairman Emeritus



Zakir Sabry, MD Plastic Surgery

Brookdale Hospital Medical Center





Nawaiz Ahmad, MD Plastic Surgery





Abdul Jahangir, MD Chief, General Surgery



Bernard Rimpel, MD General Surgery



Akeem Atanda, MD General and Robotic Surgery



Charlene Chao, MD General and Robotic Surgery

Brookdale Hospital Medical Center





Boris Hristov, MD Co-Director of SICU Trauma & Critical Care



Roy Lacey, MD Trauma & Critical Care



Ramy Abdel-Naby, MD Trauma & Critical Care



Eimon Lee, MD
Co-Director of SICU Trauma & Critical Care



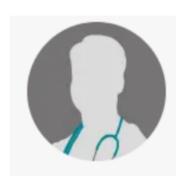
Esan Adebayo, MD, FCCP, FACP Critical Care



Ruben Toribio, MD Trauma, General Surgery

Brookdale Hospital Medical Center





Sominder Sandhu, MD Plastic Surgery



Katrina Tulla, DO Minimally Invasive Surgery



Gary Stephens, MD Thoracic Surgery, Chief Medical Officer, OBH



Ernesto Mendoza, MD Head & Neck, Endocrine Surgery



Charles La Punzina, MD Thoracic Surgery



Moustafa Mourad, MD, FACS
Chief, Otolaryngology- Head & Neck Surgery



Adrian Ong, MD Otolaryngology- Head & Neck Surgery



Ronald Percell, MD General Surgery, Vascular Surgery



Dinker Rai, MD Vascular Surgery

Faculty



Brookdale Hospital Medical Center



Albert Cooper, MD General Surgery



Brian Hall, MD General and Robotic Surgery Chief of Surgery, Interfaith Medical Center



Charles Thompson, MD Minimally Invasive Surgery

Brookdale Hospital Medical Center





Elmira Emini, MD General Surgery



Marlon Torres, MD General Surgery



Lucio Flores, MD Vascular Surgery



Andrew Harrington, MD Vascular Surgery



Paul Haser, MD
Chief, Division of Vascular Surgery



Anjan Rau, MD Vascular Surgery

Brookdale Hospital Medical Center





Nicholas Gargiulo, MD Vascular Surgery



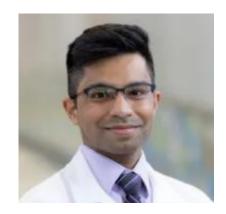
Abishek Swarup
Trauma & Critical Care



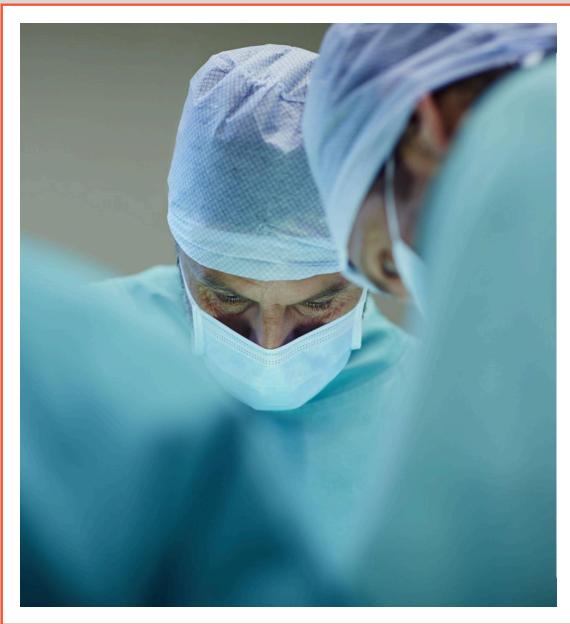
Boris Chernobilsky, MD Otolaryngology- Sleep Medicine



Ernest J. Barthélemy, MD Neurosurgery Trauma



Vinoth Birabaharan Trauma & Critical Care



The Department of Surgery offers an ACGME approved five year residency program in General surgery that fulfills the training requirement for certification by the American Board of Surgery. In addition all residents are required to complete a salaried mandatory year of research between their PGY-2 and PGY-3 year. The program is clinically focused and fosters the development of general surgical skills as well as extensive consultative skills.

The residency program is approved for 4 categorical positions per year. All applications are accepted through ERAS and filled through the match. We have a great mix of seasoned, young, and newly graduated fellowship-trained and experienced faculty that is dedicated to residency training and clinical development. Residents work under close supervision with a large variety of clinical material to permit progressive development of surgical maturity.

In addition to general surgery, the department includes active subspecialty services in Trauma and Critical care, Minimally Invasive & Robotic Surgery, Bariatric Surgery, Colon and Rectal Surgery, Surgical Oncology, Hepatobiliary and Pancreatic Surgery, Neurosurgery, Vascular Surgery, Breast Surgery, Otorhinolaryngology, Head and Neck, Hand and Plastic surgery. Brookdale is an ACS designated Level II Trauma center with more than 100,000 emergency visits of which more than 20,000 are trauma visits. We have a high volume of penetrating trauma therefore our residents gain extensive experience in the management of major trauma including being in the 95th percentile for operative trauma.

Our General Surgery residents are exposed to all subspecialty services without any designated fellows. We have a Surgical Skills Lab/Simulation Center with three laparoscopic stations, endoscopy training and open surgical skills training. The Simulation Center is capable of doing patient care scenarios, ACLS training, central line, chest tube and other bedside procedure workshops. Brookdale also has a new DaVinci Xi robot and has a robotic curriculum to result in an equivalency certificate from Intuitive..

The Brookdale surgery residency program is dedicated to provide graded professional responsibility creating proficient surgeons capable of administering exceptional care to the surgical patient.



Program Mission

The Department of Surgical Services is committed to providing the highest quality patient care, conducting innovative medical research, and providing the best training and education to our students, residents, and physicians in the art and science of surgery.

We will recruit, support and retain faculty with high academic standards, who are committed to surgical education and excellent role models to younger generations of surgeons.

We will maintain and foster a research environment that contributes to medical knowledge and stimulates innovative thinking in our residents and faculty.

We will foster an educational environment in which the mission of Brookdale University Hospital and Medical Center is emphasized not only in the care of our patients but also by helping our residents to become excellent surgeons while they continue to cultivate their cultural, social and spiritual life.

Institutions



One Brooklyn Health - Brookdale University Hospital and Medical Center



One Brooklyn Health - Interfaith Medical Center



Memorial Sloan Kettering Cancer Center



Mount Sinai Medical Center



Cohen Children's Medical Center - Northwell Health



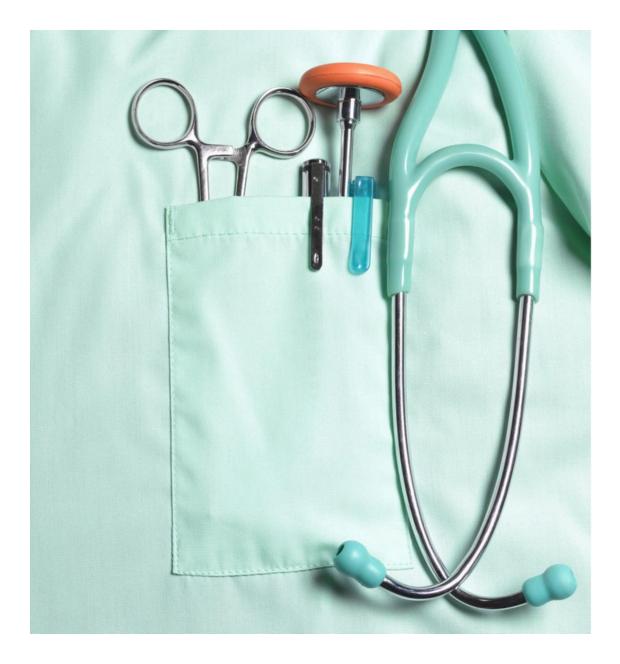
Introduction

- History: General surgery residency program at Brookdale University Hospital has been in existence since 1984. It is one of the largest hospitals in East Brooklyn and provides a comprehensive surgical training as outlined by ACGME to its residents. Every year four (4) residents graduate from the program.
- Duration: General surgery residency program at Brookdale Hospital is comprised of six (6) years of training. The program consists of 5 years of clinical training and one (1) year of research. Residents perform their research after completing two (2) years of clinical training.
- 3. Prerequisite Training/Selection Criteria: All residents are expected to have completed their core clinical rotations, USMLE step 1 and 2, Comlex 1 & 2 (if applicable) obtained ECFMG certificate (if applicable) prior to starting residency program. Selection of the applicants is based on merit. Interviews are offered to applicants who apply through ERAS and fulfill the requirements.

The General surgery residency program is focused on providing an environment that is conducive to learning for all its residents. The Program is structured by parameters and guidelines provided by ACGME. Residents are promoted based on achievement of set goals and responsibilities are added in a graduated fashion. Residents are expected to participate in research projects inside the program and are required to pursue a dedicated research year in specialty of their choice. At the end of each year, residents are evaluated and promoted based on requirements guided by ACGME.

Educational Program

1. Clinical and research components: Residents rotate through different specialties through the academic year. The rotations are designed to enhance the learning experience and provide a comprehensive general surgery experience. Each year residents are evaluated based on ACGME guidelines for their clinical progression. Residents share increasing responsibilities as they get promoted. Residents participate in scholarly activities and take a research year in a discipline of their choice in the New York Metro area.



- 2. Trainee's supervisory and patient care responsibilities: A senior member of the team supervises all residents. As residents promote to senior levels with more patient care responsibilities are shared as they also supervise junior residents in certain procedural and non-procedural tasks. An in-house attending is always available to supervise and assist in patient care responsibilities.
- Clinical procedural requirements: Residents are required to achieve minimum number
 of cases in each category defined by ACGME for graduation. Each year residents are
 evaluated for the quality and quantity of their procedure volume.
- 4. Didactic sessions and teaching methods are used to ensure program goals and objectives are met: Residents are allocated protected educational time each week for dedicated didactic sessions. Conferences include Core Curriculum, M&M, Combined ER-Surgery Trauma Conference, Journal Club, Controversial Topic Debate, Junior Resident Case Presentation, Exam Question Review, Research Committee Meeting, Faculty Grand Rounds, Visiting Lecturers, Tumor Board, Jeopardy, Mock Oral Boards, and Mock ABSITE. Residents are evaluated each month by their rotation attending and are given a chance to discuss the feedback with attending.

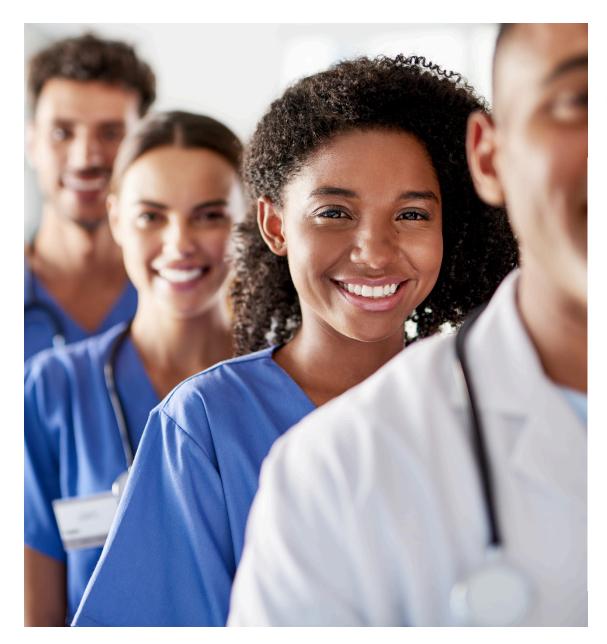
Rotation Schedule

PGY-1

The first year of residency training consists of core general surgery rotations designed to provide a broad introduction to general surgery operations, as well as the pre-operative, post-operative, outpatient, and intensive care of surgical patients.

First-year residents:

- Take an active part in patient evaluation and management appropriate for their level.
- Actively participate in operative procedures, both as First Assistant and as Surgeon Junior role.
- Take on a prominent role in the delivery of post-operative care.
- Rotations through General Surgery and subspecialities, Vascular Surgery, Trauma, and the SICU.
- Progress through a period of being supervised directly by senior residents and attending surgeons, to being supervised indirectly.
- Participate in a structured curriculum for the development of surgical skills in the Simulation Center.



PGY-2

In the second year, the resident will gain more opportunities for graduated responsibility, both in the operating room and in clinical management.

Second-year residents:

- Function more autonomously by seeing consultants on the emergency general surgery service, and function as the emergency consult resident on trauma, assisting senior residents in the care of patients during trauma resuscitations.
- Assist with the supervision and education of junior residents and lead the critical care team during rotations in the surgical intensive care unit.
- The resident will function as SICU Chief, as such also run the quality improvement initiatives in the SICU.
- The resident will spend one (1) month On the GI service to participate in Endoscopy and Advance Endoscopy procedures.

Research Year

Resident will do a mandatory year of research in their interested specialty of surgery at any chosen site within the metropolitan New York area, fully funded by the program.

PGY-3

In the third year, the resident will provide consults to patients in other departments. Opportunities for independent responsibility will also increase substantially. Third-year residents:

- Function as the primary consult resident on most services, and staff consults with the chief resident or directly with the attending.
- Share the responsibility of running the service with the chief resident on the Trauma service.
- Take on operative cases of increased complexity. Operative volume increases significantly.
- The resident will spend one (1) month at the Northwell Cohen Children's Hospital Pediatric Surgery Service
- The resident will spend one (1) month at the Mt. Sinai Transplant Service
- The resident will function as SICU Chief for two (2) months, as such also run the quality improvement initiatives in the SICU.



PGY-4

Fourth-year residents are responsible for all aspects of clinical management of the service, as well as team leadership. The resident's responsibilities increase substantially both in the operating room and on the service. Fourth-year residents:

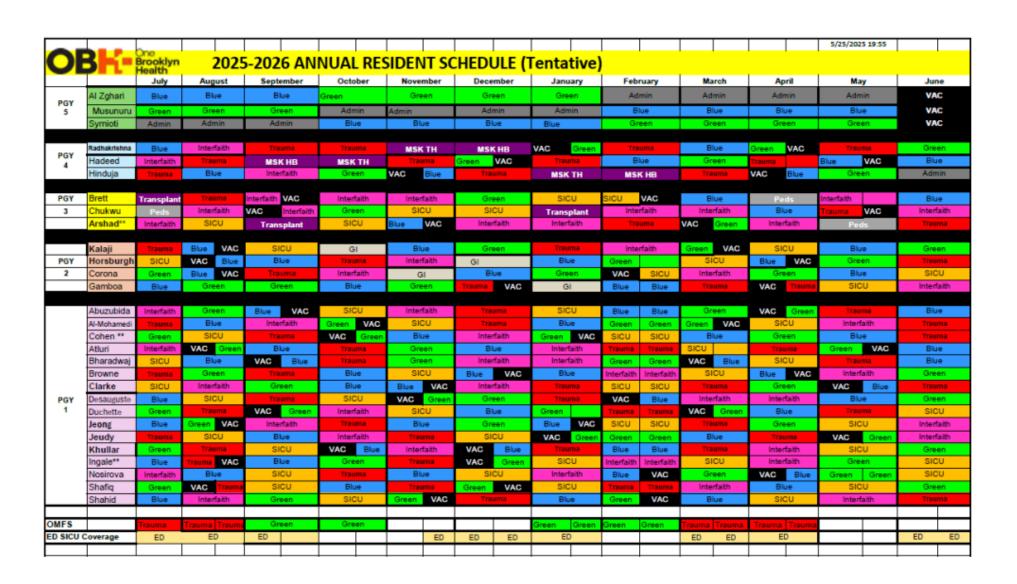
- Function as the chief of the Trauma service, leading and managing all areas of the trauma service independently. They also direct and supervise all care delivered during trauma resuscitations under the supervision of the trauma attendings.
- The resident will spend to (2) months at Memorial Sloan Kettering Cancer Center (MSKCC).

PGY-5

The Fifth-year resident will act as Chief on all services, leading the team in every aspect. Fifth-year residents:

- Direct every aspect of clinical care, including pre- and post-operative management, and manage patients with attendings on a daily basis.
- Fulfill all administrative responsibilities of the service to ensure the team functions smoothly by coordinating schedules to ensure all clinics and operating rooms are staffed, while guaranteeing that all ACGME and duty-hour restrictions are met.
- Coordinate and lead the clinical education of fellow residents and medical students on the team.
- Take the lead in the technical aspects of operations and direct operative decisionmaking under the direct supervision of attending surgeons, refining their surgical skills and judgment to prepare for a life of independent practice.

Sample Annual Schedule



Sample Monthly Academic Schedule





Surgical Education

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	Surgical Education THURSDAY	FRIDAY	SATURDAY
	1	2	3 1:00 SICU Rounds	4 Attendings 7:00 AM - 8:00 AM Core Curriculum: Colorectal benign, anus, IBD 8:00 AM - 9:00 AM M & M 9:00 AM - 9:30 AM Break 9:30 AM - 10:30 AM Mandatory Conference - Research 10:30 AM - 11:30 AM Mock Orals	5 9:00 Tumor Board – Classroom 4/5	6
7	8	9	10 1:00 SICU Rounds	11 7:00 AM - 8:00 AM Core Curriculum: Colorectal Malignant 8:00 AM - 9:00 AM IMC M & M 9:00 AM -9:30 AM Break 9:30 AM - 10:30 AM Research Meeting 10:30 AM - 11:30 AM Case presentations	9:00 Tumor Board – Classroom 4/5	13
14	15	16	17 1:00 SICU Rounds	18 7:00 AM - 8:00 AM Core Curriculum: Liver 8:00 AM - 9:00 AM M & M 9:30 AM - 10:30 AM Research 10:30 AM - 11:30 AM Journal Club	9:00 Tumor Board – Classroom 4/5	20
21	22	23	24 1:00 SICU Rounds	7:00 AM - 8:00 AM Core Curriculum: Gallbladder 8:00 AM - 9:00 AM Combined Trauma Conference 9:30 AM - 10:30 AM Operative technique 10:30 AM - 11:30 AM Sim Lab: Procine Lab	26	27
28	29	30				



RESIDENTS





SURGICAL EDUCATION

CURRENT RESIDENTS

PGY5:



PGY4:



Georgia Syrnioti, MD



Talal Al Zghari, MD

Christian Hadeed, MD



Aparna Radhaknishna, MD



Pranav Hinduja, MD

PGY3:



Sumaiyya Arshad, MD



Matthew Brett, DO





Michael Chukwu, MD Parima Safe, MD

PGY2 Research Residents:



Lairin Alrasad, DO



Monica Naparst, MD



Marco Diaz-Cordova, MD



SURGICAL EDUCATION

CURRENT RESIDENTS

PGY2:



Rachel Corona, MD



Sebastian Gamboa, MD





Melanie Horsburgh, MD Hala Kalaji, MD

PGY1 Categorical:



Joseph Jeong, MD



Andjie Jeudy, MD



Madhur Khullar, MD



Erika Clarke, MD

PGY1 Preliminary:



Abdalrahman Abuzubida, MD



Pramukh Atluri, DO



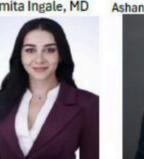
Upasana U. Bharadwaj, MD



Madison Cohen, DO











Ashanti Desauguste, MD Cathryn Duchette, DO Na'Lexxus Browne, MD







Segala Tita, MD





RECENT GRADUATES:

Class of 2025



David Chadow, MD - Surgical Critical Care Fellowship , Westchester Medical Center



Hani Nasr, MD - Plastic Surgery Fellowship, Medical University of South Carolina

Class of 2025



Yanni Hedjar, MD – Laproendoscopic & MIS Fellowship, University of Miami Class of 2024



Elmira Emini, MD - General Surgery Practice, One Brooklyn Health



Muhammad Aman, MD - Vascular Surgery Fellowship, UT Southwestern Dallas



Mumen Ayyat - General Surgery Practice, Greenville, Kentucky Class of 2023



Alharith Abdullah - Surgical Critical Care Fellowship - Staten Island University Hospital



Ghayth Al Awwa - Cardiothoracic Surgery Fellowship - Oregon Health & Sciences Institute

Class of 2023



Mathangi Chandramouli, MD - Complex Surgical Oncology Fellowship, Allegheny Health Network

Class of 2022



Mohammad Abdallat - Thoracic Surgery Fellowship, Brigham & Women's Hosp, Boston MA



Zeyau Loubhai

- MIS/Bariatric Surgery Fellowship, Inova Fair Oaks Hosp. Fairfax, VA

Class of 2021



Mazhar Khalil

Transplant Surgery Fellowship, Cleveland Clinic, Cleveland OH



Frederique Pinto

Critical Care Fellowship, Baystate Medical Center, Springfield MA



Jaspreet Sandhu

Colorectal Fellowship, Northside Hospital, Atlanta GA

Class of 2020



Chyun-Yin Huang

- Minimally Invasive Surgery Fellowship, NYU Winthrop, Mineola, NY



Aohammad Alzehari

- Transplant/HBP Fellowship, Cedars Sinai Hospital, Los Angeles, CA



Yitzchok Greenberg
Class of 2019

- Plastic Surgery Fellowship, Henry Ford Hospital, Detroit, MI



M. Farhan Nadee

eem - Cardio-Thoracic Fellowship, Temple University, Philadelphia, PA



RECENT GRADUATES:



Class of 2018





Simone Mays

- Breast Oncology Fellowship, Bryn Mawr Hospital, Bryn Mawr, PA

- Surgical Critical Care Fellowship, Univ. of Minnesota, Minneapolis MN

- Critical Care Fellowship, Boston Medical Center, Boston, MA

Class of 2017



Enrique Bujanda

- Surgical Critical Care Fellowship, Boston Medical Center, Boston, MA





Dong Lee

- Vascular Surgery Fellowship, Houston Methodist Hospital, Houston, TX

- Breast Fellowship, Allegheny General Hospital, Pittsburgh, PA

Class of 2016



- Hand Surgery Fellowship, Hartford, CT



Clarence Ojo

- Vascular Surgery Fellowship, Univ. of Minnesota, Minneapolis, MN



Herminio Diaz

Surgical Critical Care Fellowship, Lincoln Hospital, Bronx NY





Obinna Ezeamuzie

- Plastic Surgery - Henry Ford, Detroit, MI



Samer Ebaid

Transplant Surgery, UCLA

Class of 2015



Vasiliy Sim

- Trauma/Critical Care - Robert Wood Johnson Hospital, Rahwah, NJ

Class of 2014



- Private Practice



- Plastic Surgery Fellowship - Nebraska Medical Center



Zalekha Shair

- Private Practice



Amir Gendy

- Pediatric Surgical Critical Care - UPMC



Jonathan Landon

- Plastic Surgery - Long Island Plastic Surgery Group



- MIS Fellowship - Cleveland Clinic, Florida

Class of 2012



Plastic and Reconstructive Surgery - Tulane University, New Orleans





RECENT GRADUATES:



- Hand and Shoulder - University of Buffalo



Segundo Gonzalez

- Surgical Oncology - The Lee Moffitt Cancer Center in Tampa, FL



Class of 2011

- Surgical Oncology - Mercy Medical Center, Baltimore, MD



- Minimally Invasive Surgery - Baylor, Texas



Abraham Frech

- Minimally Invasive Surgery - Harvard, Boston



Daniel Ramirez

- Vascular Surgery - Ochsner, Louisiana



Raza Shariff

- Minimally Invasive Surgery - University of Pittsburgh

Class of 2010



David Bloom

General Surgery - Private Practice, Long Island



Romane Joseph

General Surgery - Private Practice, Florida

Class of 2010



Minimally Invasive Surgery - St. Lukes Roosevelt, New York, NY



Jeffrey Lin

Minimally Invasive Surgery - University Med. Center at Princeton, NJ

Class of 2009



Harmandeep Singh

- Vascular Surgery - Buffalo General Hospital, Buffalo, NY

Class of 2008



Burn and Critical Care - University of Texas Main Branch Schneider Children's Hospital --Galveston



Michael Ditillo

Trauma & Critical Care Surgery - University of Maryland Medical Center, R Adams Cowley Shock Trauma Center - Baltimore, MD



Minimally Invasive Bariatric Surgery - University of South Florida, Tampa General Hospital - Tampa, FL



Hadley Cadot

- Private Practice - Brooklyn, NY



Albeir Mousa

Vascular surgery – Robert Wood Johnson UMDNJ – New Brunswick, NJ

Class of 2007



Transplant Surgery – University of Nebraska – Omaha, NE



David Okolica

Laparoscopic Surgery - Lehigh University Hospital - Allentown, PA





<u>OR</u>: **Hard At Work:**

Annual Retreats:





Department Contact & Application Information

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