



AMERICAN
UNIVERSITY
of ANTIGUA

COLLEGE OF MEDICINE

ACADEMIC CATALOG

2017

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MISSION STATEMENT

American University of Antigua (AUA) College of Medicine is an innovative medical school dedicated to providing a learner-centric education of the highest quality, offering opportunities to underrepresented minorities, fostering a diverse academic community, and ensuring that its graduates have the skills and attitudes of lifelong learning, compassion, and professionalism. We provide students who would otherwise be unable to receive a medical education with the tools to become successful physicians.

AUA was founded with the commitment to support underserved communities and address the impending physician shortage with an emphasis on primary care. As such, the University recognizes its social responsibility to advance the field of medicine and lead the next generation of physicians and healthcare professionals to respond to global healthcare needs.

LETTER FROM THE PRESIDENT

The present physician shortage, which is predicted to grow at an alarming rate over the next 20 years, means that the employment opportunities for young physicians to practice medicine throughout the U.S. and the world are limitless. New graduates have unequaled opportunities to practice their profession while serving the public good.

The failure of U.S. medical schools to provide enough medical school seats to meet demand has resulted in many extremely qualified applicants not being admitted to U.S. medical schools. The inability of U.S. medical schools to address the physician shortage and their failure to address the lack of diversity in medicine were two major catalysts that compelled AUA's founders to establish a medical school.

AUA is proud to offer qualified applicants the opportunity to attain their dreams of becoming licensed physicians by providing high-quality, high-tech medical education facilities and, more important, highly respected and caring faculty. In doing so, we are addressing the physician shortage and the lack of diversity in medicine.

At AUA, we view medical education as a partnership between the institution and its students. AUA offers the necessary tools to provide you with the education that will prepare you to become a successful and caring physician. We expect our students to provide the hard work, dedication, and compassion that allow them to use the tools we provide to reach their goals for their benefit and to serve the healthcare needs of our population.

I look forward to having qualified applicants join us. Together we can help you reach the goal you have set for yourself – to become a physician licensed in the U.S. and Canada.

A handwritten signature in black ink, appearing to read 'Neal S. Simon', with a stylized flourish at the end.

Neal S. Simon
President, American University of Antigua College of Medicine

ACCREDITATIONS AND APPROVALS

American University of Antigua College of Medicine awards Medical Doctorate (MD) degrees to its graduates pursuant to a charter granted to the University by the Government of Antigua and Barbuda. American University of Antigua College of Medicine is accredited by the Government of Antigua and Barbuda through the regional accreditation authority, the Caribbean Accreditation Authority on Education in Medicine and Other Health Professions (“CAAM-HP”). The National Committee on Foreign Medical Education and Accreditation of the United States Department of Education (“NCFMEA”) has recognized the Government of Antigua and Barbuda as having processes and procedures for the accreditation of medical schools that are comparable to those of the Liaison Commission on Medical Education (“LCME”), the accreditation authority for medical schools in the United States and Canada.

American University of Antigua College of Medicine has been recognized by the Medical Board of California for licensure of its graduates and for providing clerkships in the state. The New York State Education Department has also approved American University of Antigua, which allows AUACOM’s students to engage in clinical clerkship training and residency in the state. The Florida Commission for Independent Education has likewise granted approval for AUACOM’s students to engage in clinical clerkship training in the state. AUACOM’s graduates are eligible for licensure throughout the United States and Canada.

2017 ACADEMIC CALENDAR

| | | |
|-----------------|--------------------|---|
| January 2 | Monday | New Year's Day Observed– University Closed FM1/IM1 clerkship begins |
| January 6 | Friday | Registration begins for BSIC 5 th semester |
| January 9 | Monday | Classes begin for BSIC 5 th semester |
| January 16 | Monday | Classes begin for returning FIU- AUA Global MD students (2 nd semester) |
| January 25 | Wednesday | Classes begin for new FIU-AUA Global MD students (1 st semester) |
| January 30 | Monday | Classes begin for COM semesters 2, 3 and 4 Registration begins for COM semesters 2, 3 and 4 (A – L) |
| January 31 | Tuesday | Registration begins for COM semesters 2, 3 and 4 (M – Z) |
| February 6 | Monday | Registration begins for new COM students (A – L) |
| February 7 | Tuesday | Registration begins for new COM students (M – Z) |
| February 8 - 10 | Wednesday - Friday | New Student Orientation |
| February 10 | Friday | FM1/IM1 clerkship ends |
| February 13 | Monday | Classes begin for new COM students FM1/IM1 clerkship begins |
| March 17 | Friday | Classes end for BSIC 5 th semester |

| | | |
|--------------------|---------------------|--|
| March 18 – April 6 | Saturday – Thursday | BSIC study period on campus |
| March 24 | Friday | FM1/IM1 clerkship ends White Coat Ceremony |
| March 27 | Monday | FM1/IM1 clerkship begins |
| April 7 | Friday | Mandatory CBSE on campus for BSIC students |
| April 14 | Friday | Good Friday – Classes not in session |
| April 17 | Monday | Easter Monday – Classes not in session |
| May 1 | Monday | Labour Day – Classes not in session |
| May 5 | Friday | FM1/IM1 clerkship ends |
| May 8 | Monday | FM1/IM1 clerkship begins |
| June 1 | Thursday | Commencement Ceremony |
| June 5 | Monday | Whit Monday – Classes not in session |
| June 11 | Sunday | COM semester ends for semesters 2, 3 and 4 |
| June 16 | Friday | FM1/IM1 clerkship ends |
| June 19 | Monday | COM semester ends for semester 1 FM1/IM1 clerkship begins |
| July 7 | Friday | Registration begins for BSIC 5 th semester |
| July 10 | Monday | Classes begin for BSIC 5 th semester |
| July 17 | Monday | Classes begin for returning FIU- AUA Global MD students (2 nd & 3 rd semester) |
| July 28 | Friday | FM1/IM1 clerkship ends |
| July 31 | Monday | Classes begin for new FIU-AUA Global MD students (1 st semester) Classes begin for COM semesters 2, 3 and 4 |

| | | |
|--------------------------|---------------------|--|
| | | Registration begins for COM semesters 2, 3 and 4 (M – Z) FM1/IM1 clerkship begins |
| August 1 | Tuesday | Registration begins for COM semesters 2, 3 and 4 (A – L) |
| August 7 - 8 | Monday – Tuesday | Carnival – Classes not in session |
| August 10 | Thursday | Registration begins for new COM students (M – Z) |
| August 11 | Friday | Registration begins for new COM students (A – L) |
| August 14-15 | Monday – Tuesday | New Student Orientation |
| August 16 | Wednesday | Classes begin for new COM students |
| September 8 | Friday | FM1/IM1 clerkship ends |
| September 11 | Monday | FM1/IM1 clerkship begins |
| September 15 | Friday | Classes end for BSIC 5 th semester |
| September 16 – October 5 | Saturday – Thursday | BSIC study period on campus |
| October 6 | Friday | Mandatory CBSE on campus for BSIC students |
| October 20 | Friday | FM1/IM1 clerkship ends |
| October 23 | Monday | FM1/IM1 clerkship begins |
| November 1 | Wednesday | Independence Day – Classes not in session |
| December 1 | Friday | FM1/IM1 clerkship ends |
| December 4 | Monday | FM1/IM1 clerkship begins |
| December 9 | Saturday | National Heroes Day – Classes not in session |
| December 10 | Sunday | COM semester ends for semesters 2, 3 and 4 |
| December 20 | Wednesday | COM semester ends for semester 1 |
| December 25 | Monday | Christmas – University Closed |
| December 26 | Tuesday | Boxing Day – University Closed |

CURRICULUM OVERVIEW

AUACOM's educational program leading to the Medical Doctorate (MD) degree is a 4.5-year program consisting of two academic years of study on AUACOM's campus in Antigua and 84 weeks of study in the Clinical Sciences through clerkships in teaching hospitals principally in the United States.

In order to provide the most innovative and current methods for delivery of a medical education, AUA's curriculum brings medical disciplines together and fosters greater communication and cooperation between departments. Although each branch of medical science has its own importance and essence, the current trend in medical education is the delivery of a medical school curriculum through integration of those branches. AUA's curriculum has been developed with the goal of achieving an integrated and flexible curriculum that goes beyond examinations. It promotes the skill and art of medicine, critical thinking, and lifelong learning.

DEGREE CONFERRAL

To satisfy the requirements for graduation and to obtain a medical diploma, a student must comply with the below criteria:

1. Complete and pass all requirements of the Basic Science component;
2. Complete and pass all requirements of the Clinical Science component, including all core and elective rotations;
3. Pass USMLE Step 1, Step 2 CK and CS;
 - a. Students must request the USMLE Certified Transcript of Scores for USMLE Step 1, Step 2 CK and CS from ECFMG to be submitted to the Office of the Registrar as part of the degree audit;
4. Fulfill all financial and bursar responsibilities assuring a “zero” balance;
5. Maintain good standing.

AUA students have the opportunity to complete the requirements for the MD degree at five different points throughout the year. Consequently, students will be considered AUA graduates on one of the five graduation dates after which they have completed their graduation requirements. Students completing all MD requirements between:

1. July 1 and September 30, xxxx will receive a diploma dated September 30, xxxx
2. October 1 and December 31, xxxx will receive a diploma dated December 31, xxxx
3. January 1 and March 31, xxxx will receive a diploma dated March 31, xxxx
4. April 1 and April 30, xxxx will receive a diploma dated April 30, xxxx
5. May 1 and June 30, xxxx will receive a diploma based on the date of MD graduation requirement completion

Graduates cannot receive a copy of their diploma prior to the diploma date and final degree audit clearance. Once your graduation date has passed and the final degree audit is completed, diplomas for all graduates are mailed to the address provided in your student record.

GLOBAL HEALTH TRACK

The American University of Antigua, College of Medicine (AUA) Global Health Track is conducted in collaboration with Florida International University, Herbert Wertheim College of Medicine (FIU).

The AUA-FIU Global Health Track is a comprehensive, four-year longitudinal track in global health that is integrated into the curriculum at American University of Antigua, College of Medicine.

The purpose of the AUA-FIU Global Health Track is to support and guide students in developing expertise in global health issues with the goal of subsequent career involvement in Global Health involving patient care, service, policy making, research and education.

The required textbook is: *Global Health 101*, 3rd edition, Richard Solnick, MPA, Yale, School of Public Health, New Haven, Connecticut, ISBN-13: 9781284050547

The AUA-FIU Global Health Track is open to all eligible entering medical students at AUA.

The 2-year BASIC SCIENCE Component is conducted on the campus of AUA in Antigua. It consists of five 2-week blocks (before and after semester one and after semesters two, three and four) and longitudinal coursework during semesters one through four. Lectures will cover a variety of Global Health topics including social determinants of health, medical anthropology, global health education, community based medicine, health care delivery systems, cultural competence, human rights, international relief organizations and projects, United Nations, World Health Organization, Pan American Health Organization, International Monetary Fund, World Bank, disaster response and management, communicable and non-communicable diseases, population research and epidemiology among others. Students will be introduced to research methodology and will receive American Heart Association instructor training in BCLS and ACLS. The components include an introduction to Medical Spanish and are supplemented by a Global Health Journal Club. A minimum of 80% attendance is required in order to pass each block.

The CLINICAL SCIENCE component will be conducted at FIU clinical sites in Florida and AUA affiliated clinical sites within the US and abroad. Students will participate in the advanced introduction to clinical medicine (FM1/IM1) at FIU and the AUA-FIU Clinical Core Rotation Certificate Program. Students will be eligible for elective rotations through FIU and AUA in the US and internationally. In addition to elective rotations in various medical fields, those rotations include research opportunities and travel medicine. Students will have the opportunity to join AUA faculty initiated international relief projects and to deepen their expertise in global health research. The clinical component will be supplemented by medical Spanish exposure and will include a capstone project in Global Health. 100% attendance is required during the clinical component.

BASIC SCIENCES

FIRST SEMESTER COURSES:

HUMAN STRUCTURE AND FUNCTION [HSF I]

Theme: Anatomy, Histology, Embryology, and Physiology

Credit hours: 7 | *Course No:* 5112

Course Director: Dr. Hassan Amiralli

Human Structure and Function is a course that integrates the themes of Gross Anatomy, Histology, Embryology, and Physiology. It is divided into HSF I-II, reflecting semesters I–II. The course focuses on how the human body develops, and the various systems in growth and homeostasis. The course is system-based, addressing the cardiovascular, respiratory, and GI systems in semester I, and the renal, endocrine and neurological systems in semester II. Teaching formats include lecture, clinical case correlations, small group laboratory dissection, and clinical simulation.

Required Reading:

1. Keith L. Moore: Essential Clinical Anatomy, 5th Ed. LWW, 2014 [978-1-4511-8749-6] \$75.99
2. T. W. Sadler: Langman's Medical Embryology, 12th Ed. Lippincott Williams & Wilkins, 2011. [978-1-4511-1342-6] \$79.99
3. John Hall: Guyton and Hall Textbook of Medical Physiology with Student Consult Online Access, 12th Ed. Elsevier, 2010. [978-1-4160-4574-8] \$125.95
4. Linda S. Costanzo: Physiology with Student Consult Online Access (Board Review Series), 6th Ed. Elsevier, 2014. [978-1-4511-8795-3] \$62.95

MOLECULAR BASIS OF MEDICINE [MBM I]

Theme: Biochemistry, Genetics, and Cell Biology

Credit hours: 6 | *Course No:* 5113

Course Directors: Dr. B. Shivaraj (Medical Biochemistry and Genetics) and Dr. Juli Valtschanoff (Medical Cell Biology)

Molecular Basis of Medicine comprises the themes of Biochemistry, Genetics, and Medical Cell Biology. This is an integrated course focusing on the molecular structure of cells that underlies cellular function. It is intended to provide the necessary background for medical students to understand the cellular and molecular disorders underlying diseases and the sites of action of drugs and other chemicals on cells. The essential facts are presented in the light of their clinical relevance. The material builds a foundation for understanding concepts taught in other disciplines of basic medical sciences and Introduction to Clinical Medicine. The course material is presented in an interactive lecture format.

Medical Genetics is one theme of this integrated course. Although the major aspects of genetics are covered in the second semester, the students will get a glimpse of Medical Genetics while studying the different aspects of medical biochemistry and cell biology. Medical Genetics, in general, deals with the diagnosis, treatment, and management of genetic diseases. The subject is a central component in the understanding of major diseases such as diabetes mellitus, heart disorders, various types of cancers, and a wide variety of neuropsychiatric disorders. Moreover, incidences of congenital birth defects having a genetic lineage are common across the globe. The knowledge of medical genetics paves the way for a better understanding of the molecular mechanisms involved in genetic diseases. This knowledge facilitates medical practitioners' abilities to not only manage multiple disorders but also explore ways to prevent the incidences of these disorders.

Required Reading:

1. Steven R. Goodman: Medical Cell Biology, 3rd Ed. Elsevier, 2007. [978-0-12-370458-0] or the latest edition. \$39.95
2. Baynes, J. and Dominiczak, M.H. Medical Biochemistry With STUDENT CONSULT Online Access. 4th Ed. Elsevier. 2014. [978-1- 4557-4580-7] \$75.95
3. Denise R. Ferrier: Lippincott's Illustrated Reviews Biochemistry. 6th Ed. Lippincott Williams and Wilkins. 2013. [978-1-4511-7562-2] \$72.99
4. Nussbaum, R. L., Mc Innes, R. R., and Huntington, F. W.: Thompson & Thompson' Genetics in Medicine, 8TH Ed. Elsevier, 2015. [978-1-4377-0696-3]

INTRODUCTION TO CLINICAL MEDICINE I [ICM I]

Theme: Clinical Skills/Simulation, Evidence Based Medicine, Basic Life Support, and Integrated Medical Education

Credit hours: 4 | *Course No:* 5114

Course Directors: Dr. Nagaraj Mysore (Introduction to Clinical Medicine I [ICM]) and Dr. James M. Rice, and Dr. Waheeda Amiralli (Evidence Based Medicine I [EBM])

ICM is a course that spans all four semesters of Basic Sciences. ICM I integrates the themes of Clinical Skills/Simulation, Evidence Based Medicine, Basic Life Support, and Integrated Medical Education. Teaching formats in this course include lecture, small group clinical skills acquisition, simulation, and problem-based learning.

Required Reading:

1. John L. Coulehan & Marian R. Block: The Medical Interview: Mastering Skills for Clinical Practice, 5th Ed. F. A. Davis, 2006. [978-0-8036-1246-4] \$49.95
2. Lynn S. Bickley: Bates' Guide to Physical Examination and History Taking, 11th Ed. Lippincott Williams & Wilkins, 2012. [978-1-6091-3762-5] \$129.99
3. Mary Fran Hazinski: BLS for Healthcare Providers (Student Manual). American Heart Association, 2011. [978-1-6166-9039-7] \$19.95
4. Leon Gordis: Epidemiology, 5th Ed. Elsevier, 2013. [978-1-4557-3733-8] \$49.95

MIND, BRAIN, BEHAVIOR [MBBI]

Theme: Medical Student and Physician Well-being, Doctor–Patient Relationship, Medical Ethics and Fundamentals of Neuroscience

Credit hours: 4 | *Course No:* 5115

Course Directors: Dr. Vasavi Gorantla

MBB is our newest course, and it is designed to integrate behavioral science and neuroscience. This four-semester sequence is being rolled out one semester at a time, and the course was offered for the first time in the spring semester of 2015. The themes addressed in this first semester include Medical Student and Physician Well-being, the Doctor–Patient Relationship, Medical Ethics, and Fundamentals of Neuroscience. Teaching formats include lectures and modified problem-based learning.

Required Reading:

1. Danny Wedding & Margaret Stuber: Behavior and Medicine, 5th Ed. Hogrefe & Huber, 2010. [978-0-8893-7375-4] \$59.00
2. Todd Vanderah & Douglas Gold: John Nolte's the Human Brain: An Introduction to Its Anatomy with Student Consult Online, 7th Ed. Elsevier, 2016. [978-1-4557-2859-6] [Effective February 2016 Semester] \$74.99

SECOND SEMESTER COURSES:

HUMAN STRUCTURE AND FUNCTION II [HSF II]

Theme: Anatomy, Histology, Embryology, and Physiology

Credit hours: 8 | *Course No:* 5211

Course Director: Dr. Hassan Amiralli

Human Structure and Function (HSF) is a course that integrates the themes of Gross Anatomy, Histology, Embryology, and Physiology. HSF is divided into HSF I and II, and is taught over two semesters. The course is systems-based, and in semester I addresses the fundamentals, as well as the cardiovascular, respiratory, and gastrointestinal systems. In semester II, genitourinary, endocrine, musculoskeletal, and neurological systems are taught. Teaching formats include lectures, clinical case correlation, and small group lab sessions. During the lab sessions, cadaver and digital dissection is done. Radiological and prosected specimens are also studied.

Required Reading:

1. Keith L. Moore: Essential Clinical Anatomy, 5th Ed. LWW, 2014 [978-1-4511-8749-6] \$75.99

2. Sadler TW: Langman's Medical Embryology. 12th Ed. Lippincott Williams & Wilkins, 2011. [978-1-4511-1342-6] \$79.99
3. John Hall: Guyton and Hall Textbook of Medical Physiology with Student Consult Online Access, 12th Ed. Elsevier, 2010. [978-1-4160-4574-8] \$125.95
4. Linda S. Costanzo: Physiology with Student Consult Online Access (Board Review Series), 6th Ed. Elsevier, 2014. [978-1-4511-8795-3] \$62.95

MOLECULAR BASIS OF MEDICINE [MBM II]

Theme: Biochemistry, Genetics, and Cell Biology

Credit hours: 5 | *Course No:* 5212

Course Directors: Dr. B. Shivaraj (Medical Biochemistry and Genetics) and Dr. Juli Valtschanoff (Medical Cell Biology)

Molecular Basis of Medicine comprises the themes of Biochemistry, Genetics, and Medical Cell Biology. This is an integrated course focusing on the molecular structure of cells that underlies cellular function. It is intended to provide the necessary background for medical students to understand the cellular and molecular disorders underlying diseases and the sites of action of drugs and other chemicals on cells. The essential facts are presented in the light of their clinical relevance. The material builds a foundation for understanding of concepts taught in other disciplines of basic medical sciences and Introduction to Clinical Medicine. The course material is presented in an interactive lecture format.

Required Reading:

1. Steven R. Goodman: Medical Cell Biology, 3rd Ed. Elsevier, 2007. [978-0-1237-0458-0] or the latest edition. \$39.95
2. J. Baynes & M. H. Dominiczak: Medical Biochemistry with Student Consult Online Access, 4th Ed. Elsevier, 2014. [978-1-4557-4580-7] \$75.95
3. Denise R. Ferrier: Lippincott's Illustrated Reviews: Biochemistry, 6th Ed. Lippincott Williams and Wilkins, 2013. [978-1-4511-7562-2] \$72.99
4. R. L. Nussbaum, R. R. McInnes & F. W. Huntington: Thompson & Thompson's Genetics in Medicine. Elsevier, 2007. [978-1-4160-3080-5] or the latest edition. \$78.95

INTRODUCTION TO CLINICAL MEDICINE II [ICM II]

Theme: Clinical Skills/Simulation, Evidence Based Medicine, Basic Life Support, and Integrated Medical Education

Credit hours: 4 | *Course No:* 5213

Course Directors: Dr. Waheeda Amiralli (Introduction to Clinical Medicine II [ICM II]) and Dr. James M. Rice and Dr. Waheeda Amiralli (Evidence Based Medicine [EBM])

ICM is a course that spans all four semesters of Basic Sciences. ICM II is a continuation of ICM I and integrates the themes of Clinical Skills/Simulation, Evidence Based Medicine, Basic Life

Support, and Integrated Medical Education. Teaching formats in this course include lecture, small group clinical skills acquisition, simulation, and problem-based learning.

Required Reading:

1. John L. Coulehan & Marian R. Block: *The Medical Interview: Mastering Skills for Clinical Practice*, 5th Ed. F. A. Davis, 2006. [978-0-8036-1246-4] \$49.95
2. Lynn S. Bickley: *Bates' Guide to Physical Examination and History Taking*, 11th Ed. Lippincott Williams & Wilkins, 2012. [978-1-6091-3762-5] \$129.99
3. Mary Fran Hazinski: *BLS for Healthcare Providers (Student Manual)*. American Heart Association, 2011. [978-1-6166-9039-7] \$19.95
4. Leon Gordis: *Epidemiology*, 5th Ed. Elsevier, 2013. [978-1-4557-3733-8] \$49.95

MIND, BRAIN, BEHAVIOR II [MBB II]

Theme: Neurophysiology, Neuroanatomy, Neuropathology & Behavioral Science

Credit hours: 4 | *Course No:* 5215

Course Directors: Dr. Stephen Glasser

The second semester of the four-semester sequence builds on MBB1 and will provide an in-depth examination of brain anatomy and physiology. Students will learn about chronic pain and its management, and they will be introduced to the ways in which anomalies in brain structure and function affect behavior as a result of disease or dysfunction. Electroencephalography and brain imaging will be briefly covered. Teaching formats include lectures, lab sessions (brain cutting), video clips of patients and modified case-based learning.

Required Reading:

1. Danny Wedding & Margaret Stuber: *Behavior and Medicine*, 5th Ed. Hogrefe & Huber, 2010. [978-0-8893-7375-4] \$59.00
2. Todd Vanderah & Douglas Gold: *John Nolte's the Human Brain: An Introduction to Its Anatomy with Student Consult Online*, 7th Ed. Elsevier, 2016. [978-1-4557-2859-6] [Effective February 2016 Semester] \$74.99

THIRD SEMESTER COURSES:

DISEASE, IMMUNITY, AND THERAPEUTICS I [DIT I]

Theme: Immunology, Microbiology, Pathology, and Pharmacology

Credit hours: 12 | *Course No:* 6321

Course Directors: Dr. Ronnie Coutinho (Pathology), Dr. Bharati Balachandran (Microbiology and Immunology), and Dr. Hani Marcos (Pharmacology)

DIT- I is a course that integrates the themes of Pathology, Immunology, Microbiology, and Pharmacology. It spans the third and fourth semesters. In semester III, general principles and the following systems : the cardiovascular system,, hematology, head and neck to include eyes, ears, nose, and throat (EENT),the breast, the peripheral nervous system ,the eye and the musculoskeletal system. Teaching formats include lectures and lab modules and active learning formats

Required Reading:

1. Jawetz, Melnick & Adelbergs' Medical Microbiology, 26th Ed. McGraw-Hill, 2012. [978-0-0717-9031-4] \$67.00
2. Patrick R. Murray, et al.: Medical Microbiology, 7th Ed. Elsevier, 2013. [978-0-3230-8692-9] \$91.95
3. Abul K. Abbas & Andrew H. Lichtman: Basic Immunology: Functions and Disorders of the Immune System with Student Consult, 4th Ed. Elsevier, 2014. [978-1-4557-0707-2] \$71.95
4. Vinay Kumar, et al.: Robbins & Cotran Pathologic Basis of Disease, 9th Ed. Elsevier, 2014. [978-1-4557-2613-4] \$124.99
5. Edward C. Klatt & Vinay Kumar: Robbins and Cotran's Review of Pathology, 4th Ed. Elsevier, 2015. [978-4557-5155-6] \$49.95
6. Bertram Katzung, et al.: Basic and Clinical Pharmacology, 13th Ed. McGraw-Hill, 2015. [978-0-0718-2505-4] \$59.95

MIND, BRAIN, BEHAVIOR III [MBB III]

Theme: Behavioral Science & Psychopathology

Credit hours: 4 | *Course No:* 6325

Course Directors: Dr. Don Kastuk

MBB3 builds on students' knowledge of brain structure and function to explicate both normal and abnormal human behavior. Students will learn about normal human development, addictions, human sexuality, the doctor-patient relationship, communication with patients, and the ways in which culture and society affect health care. Students will also begin their study of psychopathology during this course, learning the standardized nomenclature used in the *Diagnostic and Statistical Manual* of the American Psychiatric Association.

Required Reading:

1. Danny Wedding & Margaret Stuber: Behavior and Medicine, 5th Ed. Hogrefe & Huber, 2010. [978-0-8893-7375-4] \$59.00
2. Donald Black & Nancy Andreasen: Introductory Textbook of Psychiatry, 6th ed. American psychiatric publishing, 2014. [978-1-58562-470-6] \$65.00

INTRODUCTION TO CLINICAL MEDICINE III [ICM III]*Theme:* Clinical Skills/Simulation, Community Medicine, and Integrated Medical Education*Credit hours:* 4 | *Course No:* 6324*Course Director:* Dr. Madeleine Fraser

ICM is a course that spans all four semesters of Basic Sciences. ICM II integrates the themes of Clinical Skills/Simulation, Community Medicine, and Integrated Medical Education. Teaching formats in this course include lecture, small group clinical skills acquisition, simulation, and problem-based learning.

EBM-3 Theme: Evidence-based medicine is incorporated in ICM-3 The EBM-3 Theme classes continue on the foundation lectures in EBM-1 and EBM-2. Lectures cover advanced analysis techniques (e.g., Logistic regression, MANOVA, etc) as well as qualitative analysis and the problems with multiple comparisons. Students acquire additional information on reading the medical literature, and the EBM-3 labs encourage and assess a student's ability to glean and communicate important information from medical research articles.

Required Reading:

1. John L. Coulehan & Marian R. Block: The Medical Interview: Mastering Skills for Clinical Practice, 5th Ed. F. A. Davis, 2006. [978-0-8036-1246-4] \$49.95
2. Lynn S. Bickley: Bates' Guide to Physical Examination and History Taking, 11th Ed. Lippincott Williams & Wilkins, 2012. [978-1-6091-3762-5] \$129.99
3. Mary Fran Hazinski: BLS for Healthcare Providers (Student Manual). American Heart Association, 2011. [978-1-6166-9039-7] \$19.95
4. Leon Gordis: Epidemiology, 5th Ed. Elsevier, 2013. [978-1-4557-3733-8] \$49.95

FOURTH SEMESTER COURSES:DISEASE, IMMUNITY, AND THERAPEUTICS II [DIT II]*Theme:* Immunology, Microbiology, Pathology, and Pharmacology*Credit hours:* 14 | *Course No:* 6421*Course Directors:* Dr. Ronnie Coutinho (Pathology), Dr. Bharati Balachandran (Microbiology and Immunology), and Dr. Hani Marcos (Pharmacology)

DIT – II is a course that integrates the themes of Pathology, Immunology, Microbiology, and Pharmacology. It spans the third and fourth semesters. The following is covered in semester iv: respiratory, endocrine, gastrointestinal (to include the liver, gallbladder and pancreas), the kidney, the female genital tract, the lower urinary tract and male genital system ,the lung, the central nervous system ,the skin, bones and , joints. Teaching formats include lectures and lab modules and active learning formats

Required Reading:

1. Jawetz, Melnick & Adelbergs' Medical Microbiology, 26th Ed. McGraw-Hill, 2012. [978-0-0717-9031-4] \$67.00
2. Patrick R. Murray, et al.: Medical Microbiology, 7th Ed. Elsevier, 2013. [978-0-3230-8692-9] \$91.95
3. Abul K. Abbas & Andrew H. Lichtman: Basic Immunology: Functions and Disorders of the Immune System with Student Consult, 4th Ed. Elsevier, 2014. [978-1-4557-0707-2] \$71.95
4. Vinay Kumar, et al.: Robbins & Cotran Pathologic Basis of Disease, 9th Ed. Elsevier, 2014. [978-1-4557-2613-4] \$124.99
5. Edward C. Klatt & Vinay Kumar: Robbins and Cotran's Review of Pathology, 4th Ed. Elsevier, 2015. [978-4557-5155-6] \$49.95
6. Bertram Katzung, et al.: Basic and Clinical Pharmacology, 13th Ed. McGraw-Hill, 2015. [978-0-0718-2505-4] \$59.95

MIND, BRAIN, BEHAVIOR IV [MBB IV]*Theme:* Behavioral Science & Psychopathology*Credit hours:* 4 | *Course No:* 6425*Course Directors:* Dr. Dewey Meyers

This course concludes the 4-semester MBB sequence by providing a more detailed and nuanced review of the major psychiatric conditions introduced in MBB III. In addition, students will be introduced to the major neurocognitive disorders (e.g., Alzheimer's), personality disorders, psychiatric emergencies, legal issues in psychiatry, and the major therapeutic modalities used in psychiatry. Teaching formats include lectures, small group discussions, video clips of patients and modified case-based learning.

Required Reading:

1. Danny Wedding & Margaret Stuber: Behavior and Medicine, 5th Ed. Hogrefe & Huber, 2010. [978-0-8893-7375-4] \$59.00
2. Donald Black & Nancy Andreasen: Introductory Textbook of Psychiatry, 6th ed. American psychiatric publishing, 2014. [978-1-58562-470-6] \$65.00

INTRODUCTION TO CLINICAL MEDICINE IV [ICM IV]*Theme:* Clinical Skills/Simulation, ACLS, and Integrated Medical Education*Credit hours:* 5 | *Course No:* 6424*Course Director:* Dr. Jennifer Cannon

ICM is a course that spans all four semesters of Basic Sciences. ICM IV integrates the themes of Clinical Skills/Simulation, ACLS, and Integrated Medical Education. Teaching formats in this

course include lecture, small group clinical skills acquisition, simulation, and problem-based learning.

EBM-4 Theme: Evidence-based medicine is incorporated in ICM-4. The EBM-4 Theme classes are a continuation of the EBM-3 Theme. Advanced topics in EBM are covered including controversial topics in medicine. The textbook and assigned readings discuss how medical professionals access and use the medical literature (Cochrane, PubMed, etc), and the EBM lab requires students to demonstrate oral and written communication skills to explain research and to solve a clinical problem.

Required Reading:

1. John L. Coulehan & Marian R. Block: The Medical Interview: Mastering Skills for Clinical Practice, 5th Ed. F. A. Davis, 2006. [978-0-8036-1246-4] \$49.95
2. Lynn S. Bickley: Bates' Guide to Physical Examination and History Taking, 11th Ed. Lippincott Williams & Wilkins, 2012. [978-1-6091-3762-5] \$129.99
3. Mary Fran Hazinski: BLS for Healthcare Providers (Student Manual). American Heart Association, 2011. [978-1-61669-039-7] \$19.95
4. Leon Gordis: Epidemiology, 5th Ed. Elsevier, 2013. [978-1-4557-3733-8] \$49.95

FIFTH SEMESTER COURSE:

BASIC SCIENCES INTEGRATION COURSE [BSIC]

Theme: ANATOMY, Behavioral Science/Epidemiology/Bio statistics, Biochemistry, Medical Genetics, Microbiology/Immunology, Physiology, Pathology, Pharmacology, Clinical Integration

Credit hours: 10 | *Course No:* 6855

Course Director: Dr. Ronnie Coutinho

This 10-week course is designed to review and reinforce with Q & A sessions, relevant material and concepts in the Basic Science subjects. It also helps students improve their test-taking skills, and further enhances integration of knowledge acquired in the basic sciences, and application of this knowledge in clinical scenarios. This course also helps facilitate student preparation for the USMLE Step 1 Board Examination.

Required Reading:

1. Becker medical lecture notes in each discipline mentioned above in the theme

CLINICAL SCIENCES

OVERVIEW

During the clinical education in semesters VI through X, students continue to develop clinical and communication skills in all areas of patient care under the direction of AUA's medical faculty at teaching hospitals in patient-centered environments.

The clinical education consists of 84 weeks of core and elective rotations.

The **FM1/IM1** (6 weeks) clinical training course focuses on enhancing the skills required to perform physical examinations and to interact with patients, families, and healthcare providers in a U.S. medical environment.

The 44 weeks of **CLINICAL CORE ROTATIONS** (Internal Medicine – 12 weeks; Surgery – 8 weeks; Family Medicine – 6 weeks; OB/GYN – 6 weeks; Pediatrics – 6 weeks; Psychiatry – 6 weeks) include in-hospital patient care (that might be combined with outpatient office experience where permitted by state law), creating a learning environment in which clinical competence can be achieved.

In addition, students have the opportunity to enhance their medical knowledge and strengthen their clinical skills during the 34 weeks of **CLINICAL ELECTIVE ROTATIONS** in subspecialties of the core subjects, other medical specialties, and research. In general, the duration of an elective rotation is four weeks.

The clinical rotations are integrated educational experiences that allow students to develop the knowledge, skills, attitudes, and professionalism essential to caring for patients effectively, efficiently, and humanely. The faculty's goal is to facilitate learning, stimulate curiosity, promote independent thinking, encourage compassion, inspire excellent care, and equip students with the tools for a lifetime of learning. The acquisition of clinical knowledge and skills during the clinical clerkship is achieved through direct interaction with clinical faculty, patients, standardized patients, and simulation, and is supplemented by clinical core subject-specific clinical content (e.g., virtual patients) provided via the university's Blackboard e-learning platform as well as reading assignments.

FAMILY/INTERNAL MEDICINE (FM1/IM1) – 6 WEEKS

The advanced introduction to clinical medicine will help students improve their clinical skills, focusing on history taking, physical examination, communication, and interaction with patients and healthcare teams. This course prepares students to successfully complete subsequent clinical core and elective rotations.

CLINICAL CORE ROTATIONS

INTERNAL MEDICINE – 12 WEEKS

Students gain general knowledge of internal medicine, including health promotion, disease prevention, and diagnosis and treatment of men and women from adolescence through old age, in times of health through all stages of acute and chronic illness. Additionally, students develop skills in problem-solving and decision-making, and an attitude of caring driven by humanistic and professional values. This rotation incorporates a consideration of human biology and behavior, and an understanding of the epidemiology and pathophysiology of disease and treatment modalities. Students master clinical skills in interviewing, physical examination, differential diagnosis, diagnostic testing strategies, therapeutic techniques, counseling, and disease prevention.

Recommended Reading:

Medical Students can sign up for American College of Physicians membership free of charge.

1. American College of Physicians and the Clerkship Directors in Internal Medicine: Internal Medicine Essentials for Students: A Companion to MKSAP® for Students, edited by Patrick C. Alguire, 3rd Ed. American College of Physicians, 2011. [978-1-9344-6543-1] \$54.95
2. Joseph Loscalzo, Dennis Kasper, Stephen Hauser, Anthony Fauci, Dan Longo & J. Jameson: Harrison's Principles of Internal Medicine (2 Volumes), 19th Ed. McGraw-Hill, 2015. [978-0-0718-0215-4] \$249.00
3. Hemant Godara: The Washington Manual of Medical Therapeutics, 34th Ed. Lippincott Williams & Wilkins, 2013. [978-1-4511-8851-6] \$74.99

SURGERY – 8 WEEKS

Students will gain an appreciation for the specific role of surgeons in the spectrum of medical care. This clerkship introduces the principles of surgery and the rationale for surgical therapeutic intervention through many different educational modalities. Students should have exposure to the breadth and depth of surgery under the guidance of a preceptor, and function as a contributing member of the surgical team. Students should demonstrate an understanding of surgical procedures and the elements required to establish surgical diagnoses. Preoperative evaluation, perioperative care, and postoperative follow-up – with documented progress in each component of care – are emphasized. Relevant information should be described in the brief postoperative note. There should

be evidence of understanding the legal aspects of the medical record. The Surgery Clerkship will foster student growth in areas of patient care, medical knowledge, interpersonal and communication skills, practice-based learning and improvement, professionalism, and systems-based practice.

Recommended Reading:

1. Cornelius Dyke & Eric J. DeMaria: Surgical Attending Rounds, 3rd Ed. Lippincott Williams & Wilkins, 2004. [978-0-781-75046-2] \$68.99
2. Alden H. Harken: Abernathy's Surgical Secrets, 6th Ed. Mosby, 2009. [978-0-323-05711-0] \$44.95
3. Mary E. Klingensmith & Abdulhameed Aziz: The Washington Manual of Surgery, 6th Ed. Lippincott Williams & Wilkins, 2011. [978-1-4511-1594-9] \$68.99
4. F. Brunicaudi, et al: Schwartz Principles of Surgery, 10th Ed. McGraw-Hill, 2015. [978-0-0717-9675-0] \$199.00

FAMILY MEDICINE – 6 WEEKS

The clerkship in family medicine will introduce students to the aspects of family medicine that are applicable to all fields of medical practice, including the comprehensive and continuous care provided by family physicians to patients of all ages. The clerkship will enhance the students' ability to recognize the importance of family systems and the impact of chronic illness on patients and their families. The health of individual family members, cultural issues, family systems, and their cumulative effect on health outcomes will be highlighted. Students will become familiar with end-of-life issues and palliative care and the role of the physician in these decision-making processes. The clerkship will emphasize the importance of recognizing symptoms and acquiring medical knowledge in providing patients with the highest-quality medical care. The family medicine clerkship will promote the highest standards of professional behavior and clinical competence while preparing students for the practice of family medicine to diverse patient populations. The clerkship will enhance students' knowledge and awareness of the common diagnoses and the impact of cultural issues and family systems upon the patient.

Recommended Reading:

1. Robert E. Rakel & David Rakel: Textbook of Family Medicine, 9th Ed. Elsevier, 2015. [978-0-323-23990-5] \$169.99
2. Martin S. Lipsky & Mitchell S. King: Blueprints Family Medicine. Lippincott Williams & Wilkins, 2010. [978-1-6083-1087-6] \$45.99
3. Alfred F. Tallia, Joseph E. Scherger & Nancy Dickey: Swanson's Family Medicine Review, 7th Ed. Elsevier, 2013. [978-1-4557-0790-4] \$89.95

All students in the Family Medicine clinical rotation must complete all FM cases during their clinical rotation. FM cases have proven to be an invaluable teaching tool for clinical training and especially for NBME (shelf) exams. Please complete all FM cases in their entirety.

OBSTETRICS AND GYNECOLOGY – 6 WEEKS

During this rotation, students will acquire a set of basic educational and technical skills related to the maintenance of women's health. They will learn to take an obstetrical and gynecological history and physical examination, with emphasis on the breasts, abdomen, and pelvis. Students will develop a basic understanding of the pathophysiology in women as they occur, from menarche through the reproductive years and menopause. This will include an appreciation of specific obstetric and gynecologic issues encountered at different stages of a woman's life. Inpatient obstetrical and gynecological admissions and surgical procedures, as well as ambulatory outpatient clinic or private practice experience provide the necessary core fundamentals of the clerkship. Students are required to master their understanding of the physiology of endocrinology during pregnancy, renal function and basic anatomy.

Recommended Reading:

1. Tamara Callahan & Aaron Caughey: Blueprints Obstetrics and Gynecology (Blueprints Series), 6th Ed. Lippincott Williams & Wilkins, 2013. [978-1-4511-1702-8] \$46.99
2. Matthew Kaufman, Latha Ganti, Jeane Holmes & Priti Schachel: First Aid for the Obstetrics and Gynecology Clerkship, 3rd Ed. McGraw-Hill, 2010. [978-0-0716-3419-9] \$49.00
3. Charles R. B. Beckmann, William Herbert, Douglas Laube, Frank Ling & Roger Smith: Obstetrics and Gynecology, 7th Ed. Lippincott Williams & Wilkins, 2013. [978-1-4511-4431-4] \$72.99
4. Neville F. Hacker, Joseph C. Gambone & Calvin J. Hobel: Hacker & Moore's Essentials of Obstetrics and Gynecology, 5th Ed. Elsevier, 2010. [978-1-4160-5940-0] \$67.95
5. APGO-Uwise - 7 units, 250 comprehensive questions.
[<https://www.apgo.org/student/uwise2.html>]
6. USMLE World Qbank- Obstetrics & Gynecology - 205 Questions.
[<http://www.kaptest.com/Medical-Licensing/Step1/s1-qbank.html?gclid=COLGiNHSxcACFQwV7AodAUgAwg>]

PEDIATRICS – 6 WEEKS

This clerkship provides students with the basic skills and knowledge required to care for children and their families. The focus of the pediatric clerkship is to teach students about issues unique to the infant, child, and adolescent. There is a major emphasis on disease prevention, treatment, and the impact of disease and treatment on the child. During the six weeks, the students develop the

communication, physical examination, and problem-solving skills required to evaluate the health status of a pediatric patient from birth to 18 years of age. Review of all relevant basic sciences including genetics, embryology, biomedical sciences, complications during pregnancy, and physiology is expected.

Recommended Reading

1. Robert M. Kliegman, Bonita Stanton, Joseph St. Geme & Nina F Schor: Nelson Textbook of Pediatrics (2 Volumes), 20th Ed. Elsevier, 2016. [978-1-4557-7566-8] \$169.99
2. Michael South & David Isaacs: Practical Paediatrics, 7th Ed. Elsevier, 2012. [978-0-7020-4292-8] \$95.95
3. Daniel Bernstein & Steven P. Shelov: Pediatrics for Medical Students, 3rd Ed. Lippincott Williams & Wilkins, 2011. [978-0-7817-7030-9] \$65.99
4. Sheela Lahoti, Eugene Toy, Robert Yetman, et al.: Case Files Pediatrics, 4th Ed. McGraw-Hill, 2012. [978-0-0717-6973-0] \$34.00
5. Bradley S. Marino & Katie S. Fine: Blueprints Pediatrics, 6th Ed. Lippincott Williams & Wilkins, 2013. [978-1-4511-1604-5] \$46.99
6. Baby OSCE.

PSYCHIATRY – 6 WEEKS

The objective of the psychiatric rotation is to prepare the student to recognize, assess, and treat a wide range of mental health problems that may present during an individual's lifetime. Emphasis is placed on assessment of the patient's mental status and personality traits as they relate to the patient's health practices, and on legal issues such as mental competency, dangerousness, and civil commitment and their relevance to clinical management of other medical conditions. The student should be able to use the interview situation to obtain an in-depth history, perform a comprehensive mental status examination, and establish a positive professional doctor-patient relationship. This knowledge should be the basis of the student's ability to make a comprehensive diagnosis of common psychiatric conditions. The student is required to review and understand all aspects of neurophysiology, neuroanatomy, neuropharmacology, and behavioral sciences. The student should also acquire knowledge of the various therapeutic modalities, including pharmacological, psychotherapeutic and social interventions, and be aware of their indications and limitations. By becoming more skilled in assessing the personal strengths and vulnerabilities of a patient's mental state, the student should become more competent in interviewing in all medical settings.

Recommended Reading:

1. Myrl R. S. Manley: Psychiatry Clerkship Guide, 2nd Ed. Elsevier [Mosby], 2007. [978-1-4160-3132-1] \$54.95
2. Benjamin J. Sadock & Virginia A. Sadock: Kaplan and Sadock's Concise Textbook of Clinical Psychiatry. Lippincott Williams & Wilkins, 2008. [978-0-7817-8746-8] \$84.99

3. American Psychiatric Association: Diagnostic and Statistical Manual of Mental Disorders, 4th Ed., Text Revision (DSM-IV-TR). American Psychiatric Association, 2000. [978-0-8904-2025-6]
4. American Psychiatric Association: Diagnostic and Statistical Manual of Mental Disorders, 5th Ed. American Psychiatric Association, 2013. [978-0-89042-554-1] \$199.00
5. Laura Weiss Roberts & Alan K. Louie: Study Guide to DSM-5. American Psychiatric Association, 2014. [978-1-5856-2464-5] \$70.00
6. Michael R. Privitera & Jeffrey M. Lyness: Psychiatry Mentor: Your Clerkship & Shelf Exam Companion. F. A. Davis, 2009. [978-0-8036-1692-9] \$46.95

Study Guides

Most students use one of the examination study guides such as Pretest, First Aid, or Case Files. Students should be aware that the sample questions in these books are easier than the Shelf Examination questions. However, these books do ensure that students thoroughly review popular examination question topics.

Psychiatric Memoirs

1. Kay Redfield Jamison: An Unquiet Mind [Autobiography], Vintage Books, 1995. [978-0-6794-4374-2]

CLINICAL ELECTIVE ROTATIONS - 4 WEEKS PER ROTATION

ADDICTION MEDICINE/CHEMICAL DEPENDENCY

The incidence of substance abuse and substance dependency is increasing throughout the country. These are commonly seen in patients receiving inpatient medical services and in medical practices, and are frequently comorbid with other medical and psychiatric disorders. In spite of public education and outreach efforts, considerable societal stigma exists toward patients with addictive disorders; healthcare providers frequently have negative attitudes toward these patients as well. Many believe that it is a social issue, not a medical issue. As we are aware, the identification, assessment, and referral for treatment of patients are strongly influenced by physician attitudes and life experiences with personal, family, or prior patients' substance use. Effective tools and strategies help clinicians recognize the physiological and behavioral red flags of addiction and elicit a substance use history in a nonjudgmental manner, enabling the physician to make the appropriate diagnosis and develop a patient-specific plan for treatment and referral.

ADULT PAIN MANAGEMENT

Pain management uses a multidisciplinary approach to reduce acute and chronic pain in pediatric and adult patients. Local, regional, and general anesthetic procedures are used in combination with psychological and other techniques such as chiropractic manipulations or acupuncture.

AMBULATORY MEDICINE

This rotation will provide an educational experience in primary care community practice settings. This will provide exposure to community medicine physicians and role models, different practice models and practice styles, and aid in future career planning. Students will learn the management of urgent problems encountered in primary care practices. Students will also be able to perform problem-focused evaluations in an efficient manner.

ANESTHESIOLOGY

Anesthesia is an intervention that allows the performance of surgical or other painful procedures in pediatric and/or adult patients using local, regional, or general anesthesia techniques. Perioperative care and acute and chronic pain management are also components of anesthesia.

BURN SURGERY

The treatment of burns is a time-consuming and all-encompassing endeavor. During this elective rotation, students are exposed to the burn unit and its various components.

CARDIOLOGY

The goal of this rotation is for the student to develop the ability to independently evaluate, treat, and monitor ACS, atrial fibrillation, CHF, ventricular arrhythmias, HTN, hyperlipidemia, valvular heart disease, and aortic dissection. At the completion of this elective, the student should be able to describe the diagnostic evaluation and management of common cardiac conditions.

CHILD/ADOLESCENT PSYCHIATRY

The range of problems that may be encountered in child and adolescent psychiatry are, in part, covered by reports describing addictions and substance abuse, emergency psychiatric interventions, consultation liaison, school problems, and family disruptions. The orientation of an elective in child and adolescent psychiatry could cover a wide range of clinical problems. All of these areas of study and patient care demand the ability to relate with patients in creative ways, to know the range of diagnostic and treatment options available, and to prioritize one's intervention in a practical and safe manner. Though family involvement is often required in the evaluation and treatment of adults, in child and adolescent psychiatry this involvement is required and is often essential. An elective in psychiatry therefore covers an immense range of problems including the possible placement of the child on a temporary or even permanent basis.

CLINICAL RESEARCH

AUA clinical students may opt to take a research elective in medical research. This is typically a four-week experience. Initially, each student selects a preceptor/supervising physician who will guide and supervise the research experience. The specific activities required of the student will vary depending on the medical research topic and the stage of the research project. In some cases, the student may be completing a review of the literature, including an evaluation of the methodological strengths and weaknesses of that literature. In other cases, they may be developing a research proposal or collecting and analyzing data. Once this plan is reviewed and approved by the clinical student and the supervising physician, it must be submitted to the AUA Research Council for review and recommendation to the executive dean of the Clinical Sciences. The research elective cannot proceed without approval from the executive dean of the Clinical Sciences.

COLORECTAL SURGERY

This rotation exposes students to a team specializing in colorectal pathologies. Diagnostic and therapeutic evaluations of all colorectal pathologies that plague a large portion of our population are emphasized. Tumors, both benign and malignant, along with inflammatory bowel pathologies, are the mainstay of pathologies seen. Students will gain essential knowledge about management of colon pathologies including Crohn's disease, ulcerative colitis, and benign and malignant colon tumors.

COMPREHENSIVE PSYCHIATRIC EMERGENCY PROGRAM (CPEP)

Students are exposed to a variety of psychiatric emergencies including suicide attempts, drug overdoses, and other emergent acute psychiatric, psychotic disorders.

CRITICAL CARE

Clinical experiences in critical care medicine are intended to assist students' understanding of the unique life-threatening conditions faced by critically ill patients. These include, but are not limited to, organ failure, coma, shock, ventilatory support, and end-of-life transitions. The purpose of the elective is for students to become familiar with and comfortable in critical care units caring for a diverse population of surgical, neurological, and medical patients.

DERMATOLOGY

Dermatology is the specialty of medicine concerned with management of disorders of the skin, mucous membranes, and adnexal structures, including hair and nails. This elective is designed to expose medical students to various aspects of dermatology and to gain a working knowledge of how to recognize skin signs of systemic diseases, normal findings (including benign growths of the skin), and common skin malignancies. The rotation will consist primarily of outpatient encounters, with some inpatient consultation with an attending physician and/or dermatology resident. A broad spectrum of disease entities will be seen that range in patient stage from initial diagnosis to those patients that have diseases that have been refractory to treatment.

Students will be exposed to inflammatory, infectious, neoplastic, metabolic, congenital, and structural disorders, and will be involved in the discussion of differential diagnoses, diagnostic evaluation, and outline of treatment plans. The goal is to have students understand how dermatologists apply an interdisciplinary approach to the management of skin disorders in a professional and compassionate manner.

EMERGENCY MEDICINE

This rotation is typically done in a full-service emergency room, but students may spend some time in an urgent care center. The key in this rotation is the art of triage. Students shall be exposed to patients with pediatric psychiatric and adult medical-surgical emergencies. Students will observe their attending physicians, decide whether to admit and treat a patient on an inpatient basis, or arrange outpatient care of the patient. The treatment of many acute conditions, such as trauma and heart failure, requires a broad medical knowledge.

EMERGENCY/TELEPSYCHIATRY

Many psychiatric problems present as emergencies and often occur in places with no local psychiatric services. Significant help in diagnosis and treatment can be carried out at a distance through telephonic means.

ENDOCRINOLOGY

The goal of the endocrine elective is for students to develop the ability to independently evaluate, treat, and monitor common endocrine disorders (e.g., diabetes, thyroid dysfunction, lipid abnormalities, metabolic bone disease, and calcium disorders) and to become familiar enough with the less common endocrinopathies (e.g., adrenal disease, pituitary disease, and gonadal dysfunction) to recognize the abnormality and initiate proper evaluation and treatment.

ENT

This rotation will expose students to pathologies of the ears, nose, and throat. These pathologies include otitis media and externa. Students will be exposed to both benign and malignant tumors of the ears, salivary glands, thyroid, parathyroid, vocal cords, and pharynx, and hypopharynx. Students will learn to evaluate these structures to determine the presence or absence of neck masses.

FORENSIC PATHOLOGY

This rotation immerses students into a medical legal environment, typically in a medical examiner's office. The chain of evidence and time and cause of death will be studied in this rotation. The pathologist determines, through the use of scientific deduction, the immediate and contributory cause and time of death, along with the identification of victim.

GASTROENTEROLOGY

The gastroenterology elective is designed to provide medical students with a well-rounded learning experience in gastroenterology and hepatology that is integral to the specialty of internal medicine. The goal of this elective is for students to develop the ability to independently evaluate, treat, and monitor the broad range of diseases in general gastroenterology and hepatology, including transplant hepatology, and to understand the use of advanced endoscopy in both inpatient and outpatient settings.

GENERAL SURGERY

This is typically an extension of the core rotation. All the basic skills required in your basic rotation are finessed here. This would be the place to have more extensive exposure to the OR and more bedside procedures and teaching. Students typically round with the team and perform tasks similar to those of first-year residents. This is an ideal rotation for those students who are interested in surgical specialties.

GERIATRIC MEDICINE

The geriatric/gerontology elective rotation fosters geriatric community experiences improving the understanding of persons over the age of 65 years, enhancing clinical skills assessments in geriatric areas and increasing students' interest in geriatric care.

GYN ONCOLOGY

GYN oncology is an elective involving diagnosis and treatment of gynecologic neoplasms. The rotation will be supervised by the gynecologic oncologist in the office/clinic setting for diagnosis and medical treatment, as well as surgical procedures for invasive disease. The elective may also involve co-management with radiation oncology for radiation treatment and hematology oncology for chemotherapy options while treating invasive gynecologic neoplasms.

HEMATOLOGY/ONCOLOGY

The hematology and oncology elective is designed to facilitate students' understanding of common clinical presentations, evaluation, and management of blood dyscrasias and neoplastic disorders. Students will learn the proper evaluation and care of the oncology patient, from diagnosis and tumor staging to chemotherapy and palliation. Simultaneously, students will learn the proper evaluation of hematological disorders, including interpretation of diagnostic tests and initiation of treatment.

INFECTIOUS DISEASE

The purpose of the infectious disease rotation is to assist students in understanding the evaluation and treatment of both chronic and acute infectious illnesses. In the supervised setting, students will learn to isolate infectious sources and choose appropriate antimicrobial therapies based on evidence gathered from multiple sources, including patient history and physical, as well as blood work, radiological studies, and empiric data. At the completion of this elective, the student should be able to describe the diagnostic evaluation and management of common infectious diseases.

INTERNAL MEDICINE

The purpose of the elective in internal medicine is for the medical student to gain further experience in the elements of patient care. This elective will focus on the more detailed aspects of histories, physical examinations, various elements used in diagnosis (imaging procedures, lab tests, invasive testing, etc.), and the development and implementation of diagnostic and therapeutic plans.

INTERVENTIONAL CARDIOLOGY

The goal of the interventional cardiology elective is to introduce students to a branch of cardiology that deals specifically with the catheter-based treatment of structural heart diseases.

NEONATOLOGY

The purpose of the neonatology elective is to give students the experience in learning about normal and ill newborns. In a supervised setting, students will have hands-on training in handling both the infants and the equipment.

NEPHROLOGY

The nephrology elective is designed to help students understand the signs, symptoms, and management of common renal syndromes, including acute renal failure, chronic renal failure, glomerulonephritis, and nephrotic syndrome. Additionally, students will become familiar with the management of fluid, electrolyte and acid-base disorders, and the diagnosis and management of primary and secondary hypertension.

NEUROLOGY

Neurology is a field based on knowledge of brain and peripheral nerve function that is essential for both neurologists and all clinicians. It includes many diseases of the central nervous system, such as temporal lobe epilepsy, that can present with prominent psychiatric symptoms that have a known organic basis. During this elective rotation students will become familiar with the diagnostic evaluation and treatment of patients with common neurologic disorders, including peripheral neuropathy and cerebrovascular accident.

NEUROPSYCHIATRY

Students will utilize his/her basic knowledge of neurology and psychiatry to become proficient in understanding several illnesses that present symptoms and signs of a clear organic origin and a syndrome with primary behavioral symptoms.

NEUROSURGERY

Students will become familiar with a proper neurologic exam while assigned to a neurosurgical team. Exposure to a wide array of neurosurgical procedures and pre- and postoperative care will be provided. This rotation is a unique experience for any student; students will acquire skills in neurologic evaluation that will serve them well in their medical careers.

OCCUPATIONAL MEDICINE

The occupational and environmental health elective is the area of family medicine dedicated to the prevention and management of occupational and environmental injury, illness and disability, and the promotion of health and productivity of workers, their families and communities.

OPHTHALMOLOGY

The goal of this elective is to provide students with a strong foundation in clinical ophthalmology, including an understanding of the anatomy of the eye and orbit, the basics of a complete eye examination (i.e., vision acuity, pupil response, intra-ocular pressure, ocular motility, visual field, anterior segment, and fundus examination), the basics of common eye diseases (e.g., cataract, glaucoma, macular degeneration), and the basics of ophthalmic manifestations of systemic diseases (e.g., diabetes, thyroid disease).

ORTHOPEDIC/SPORTS MEDICINE

The goal of this elective rotation is to expose students to common problems encountered in sports medicine, including their presentation, diagnosis, and management. The student will be given the opportunity to learn and refine musculoskeletal physical examination skills and become familiar with common procedures used in sports medicine (e.g., injection techniques, fracture care, splinting/casting).

ORTHOPEDIC SURGERY

This clerkship will emphasize the study and prevention of musculoskeletal diseases through a four-week rotation with an orthopedic team. Students will participate in assessment of X-rays and examination of fractures and arthrosis. Students will also participate in orthopedic surgeries as a team member.

PAIN MANAGEMENT

During this rotation, students will identify and understand the physiology of somatic, neuropathic, and visceral pain, system regional and local ways of pain management, and the implications of acute and chronic pain.

PATHOLOGY

This elective is designed to expose students to the fields of anatomic and clinical pathology, including surgical pathology, cytopathology, hematopathology, and laboratory medicine. It will also introduce students to the practice of pathology and the role of the pathologist in diagnosis and management of disease.

PEDIATRICS

The purpose of the pediatric elective is to give students further exposure and experience with children from birth to age 18. Under supervision, students will be given the opportunity to examine, manage, and follow patients, as well as learn to perform common procedures such as venipuncture and lumbar puncture.

PERINATOLOGY

Perinatology, also known as maternal fetal medicine (MFM), is a four-week elective encompassing high-risk pregnancies. The rotation will be supervised by the perinatologist, and performed alongside attending obstetricians and residents involved with high-risk antepartum, intrapartum, and postpartum care. The majority of the elective will be spent in the antepartum testing unit learning high-risk fetal surveillance (NST, BPP, USS) along with management and treatment of medical complications of high-risk patients on the antepartum floor and L&D.

PERIOPERATIVE MEDICINE

During this rotation, students will round with surgical and medical teams caring for surgical patients pre- and postoperatively. Students will observe the optimization preoperatively of patients with multiple comorbidities. Students will gain experience in operative procedures on these patients and the care in the immediate postoperative period. Students will be exposed to the operating room and critical care units.

PHYSICAL MEDICINE & REHABILITATION

During this rotation, students will be exposed to the basics of rehabilitation medicine as it applies to the performance of ambulation, activities of daily living, and occupational activities.

PLASTIC SURGERY

Students will have the opportunity to experience the workings of a plastic surgery specialty, exposing them to reconstructive and cosmetic procedures. Students will participate in the assessment of and reconstruction of postoperative cancer patients. Students will become familiar with the preparation and planning of wound treatments and reconstructive procedures. Cosmetic procedures will also be introduced.

PREVENTIVE & SOCIAL MEDICINE/PUBLIC HEALTH

This elective will provide students with an interest in general preventive medicine and public health a unique opportunity to gain insight into the practice of clinical and population-based preventive medicine. The students will observe and discuss preventive medicine and public health issues with preventive medicine-trained physicians; their role in population health will be emphasized.

PSYCHIATRY CONSULTATION & LIAISON

Patients admitted to hospitals for the evaluation of any medical problem experience stress and some degree of psychological disruption of their usual functioning. A significant number of patients admitted for medical, surgical, or other reasons may manifest management problems of many types including mental disorientation, noncompliance with their care, or psychiatric symptoms indicative of an unrelated underlying psychiatric disorder. All hospitalized patients' lives are disrupted by the illness that brings them to the hospital.

PULMONARY ICU

The goal of the pulmonary ICU elective is to facilitate students' understanding of the common clinical presentations, evaluation, and management of pulmonary disorders requiring treatment in the intensive care unit. Students will learn the evaluation and treatment of acute and chronic pulmonary diseases ranging from the familiar (COPD) to the infrequent (sarcoidosis).

PULMONOLOGY

The goal of the pulmonology elective is to facilitate the students' understanding of the common clinical presentations, evaluation, and management of pulmonary disorders. Students will learn the proper evaluation and treatment of acute and chronic pulmonary diseases, both common and uncommon.

RADIOLOGY

The goal of this elective is to provide a comprehensive overview of the practice and application of modern diagnostic radiology. The role of the radiologic subspecialties in diagnosis and treatment in both outpatient and inpatient settings is emphasized.

REPRODUCTIVE ENDOCRINE/INFERTILITY

Reproductive endocrine/infertility (REI) is a four-week elective with emphasis on common endocrine and infertility issues involved with reproductive and menopausal patients. The rotation will take place mainly in an office/clinic setting, include minimally invasive laparoscopic procedures for certain diagnoses (e.g., endometriosis, chronic pelvic pain, unexplained infertility) and be supervised by the reproductive endocrinologist.

RHEUMATOLOGY

The goal of the rheumatology elective is to introduce students to the diagnostic approach, workup, and management of the connective tissue diseases, inflammatory arthropathies, crystalline arthropathies, and vasculitides. This rotation will form the foundation for understanding the often complex nature of autoimmune and musculoskeletal diseases.

SURGICAL ICU

This rotation will provide students with a complete exposure to the day-to-day workings of a surgical ICU. Students will learn the management of postoperative patients. While on the SICU rotation, students will understand the management of respirators, chest tubes, central lines, drains, etc.

Students will be exposed to the use of a variety of pharmacologic agents including pressors and understand the day-to-day evaluation of critically ill postoperative patients and possible complications, including sepsis and multi-organ failure. These learned skills will serve students well regardless of his/her ultimate chosen field of medicine.

SURGICAL ONCOLOGY

Students will be involved in the care of surgically treated oncology patients. These patients will include, but not be limited to, those with some of the more common surgically treated cancers. Breast, GI, colon, skin (including melanoma), and lung cancers will be part of the student's day-to-day practice. The student will understand and work with radiation and medical oncologists.

TRAUMA

Students will be placed with a trauma team. Trauma protocols and evaluation (i.e., triage) of trauma patients will be learned. These patients have varied injuries. Students will learn basic ATLS. Students' immersion in this rotation will teach them to properly prioritize trauma patients.

URGENT CARE

Students on the urgent care rotation work in the ambulatory setting. Patients are scheduled with urgent concerns and for follow-up visits after emergency department or inpatient care. Working closely with the supervising attending physicians, the urgent care learner is expected to develop skills necessary to provide excellent patient care in the urgent care setting.

UROGYNECOLOGY/MINIMALLY INVASIVE SURGERY

Urogynecology, also known as pelvic reconstructive surgery, is an elective involving the diagnosis and treatment of urinary incontinence and pelvic floor disorders. The rotation will be supervised by the urogynecologist along with gynecologists and residents who treat urogynecologic conditions medically in an office/clinic setting and surgically utilizing minimally invasive techniques (e.g., laparoscopy, vaginal colposuspensions).

UROLOGY

During this rotation, students will rotate with a urology team. Evaluation of urogenital function in both male and female patients with a concentration on renal, bladder, ureter, and urethral pathologies is provided. Students will learn to evaluate the flow dynamics of the bladder and urethra with a special concentration in prostate pathologies. Both benign and malignant tumors associated with these structures, including the testes, will be evaluated.

VASCULAR SURGERY

This rotation usually involves students with a vascular team. The day-to-day evaluation of vascular patients includes invasive and noninvasive vascular testing. The examination of these patients will include determination of claudication, tissue loss and impeding gangrene, and the selection of appropriate therapies, be they endovascular, open vascular, or medical options.

WOMEN'S HEALTHCARE & AMBULATORY GYNECOLOGY (WHC)

Ambulatory gynecology, also known as women's healthcare (WHC), is supervised by the gynecologist and/or family practitioner in an office/clinic setting for common ambulatory outpatient gynecologic conditions (e.g., abnormal bleeding, vaginitis, colposcopy for abnormal pap smears), as well as preventive care counseling (e.g., STIs, contraception, domestic violence). Students are exposed to a large variety of diseases and are expected to become familiar with the evaluation and treatment of these disorders.

TRANSFER CREDITS AND HOURS

TRANSFER CREDIT

American University of Antigua College of Medicine does not accept transfer credits.

Transfer of credits received from American University of Antigua College of Medicine to another institution is solely at the discretion of the accepting institution. No guarantee of transfer is made or implied by American University of Antigua College of Medicine.

COURSE NUMBERING SYSTEM

Course Range:

5000–6999 are associated with Basic Sciences.

- 5000–5999 being Academic Year I
- 6000–6800 being Academic Year II

The individual breakdown of the four-digit course number

- 1st integer represents professional level course
- 2nd integer represents semester number where course belongs
- 3rd integer represents academic year
- 4th integer represents course sequence

6850 to 7100 are associated with 5th semester.

- All exams and courses are associated in this range.

7110 to 7200 are associated with clinical core clerkships.

7200 to 9000 are associated with clinical elective clerkships.

SEMESTER CREDIT HOURS

One semester credit hour is given for 15 hours of didactic sessions (including lectures or interactive small group discussions), for 45 hours of supervised laboratory instruction, or for each week of clinical rotation.

CREDIT HOURS FOR BASIC SCIENCE COURSES

SEMESTER I

| COURSE | CREDIT HOURS |
|---|--------------|
| Human Structure and Function I (HSF I) | 7 |
| Molecular Basis of Medicine I (MBM I) | 6 |
| Introduction to Clinical Medicine I (ICM I) | 4 |
| Mind, Brain, Behavior I (MBB I) | 4 |
| Total Credit Hours: | 21 |

SEMESTER II

| COURSE | CREDIT HOURS |
|---|--------------|
| Human Structure and Function II (HSF II) | 8 |
| Molecular Basis of Medicine II (MBM II) | 5 |
| Introduction to Clinical Medicine II (ICM II) | 4 |
| Mind, Brain, Behavior II (MBB II) | 4 |
| Total Credit Hours: | 21 |

SEMESTER III

| COURSE | CREDIT HOURS |
|---|--------------|
| Disease, Immunity, Therapeutics I (DIT I) | 12 |
| Introduction to Clinical Medicine III (ICM III) | 4 |
| Mind, Brain, Behavior III (MBB III) | 4 |
| Total Credit Hours: | 20 |

SEMESTER IV

| COURSE | CREDIT HOURS |
|---|--------------|
| Disease, Immunity, Therapeutics II (DIT II) | 14 |
| Introduction to Clinical Medicine IV (ICM IV) | 5 |
| Mind, Brain, Behavior IV (MBB IV) | 4 |
| Total Credit Hours: | 23 |

SEMESTER V

| COURSE | CREDIT HOURS |
|---|--------------|
| Basic Science Integration Course (BSIC) | 10 |
| Total Credit Hours: | 10 |

SEMESTER VI

| | |
|----------------------------|-----------|
| Total Credit Hours: | 21 |
|----------------------------|-----------|

SEMESTER VII

| | |
|----------------------------|-----------|
| Total Credit Hours: | 15 |
|----------------------------|-----------|

SEMESTER VIII

| | |
|----------------------------|-----------|
| Total Credit Hours: | 15 |
|----------------------------|-----------|

SEMESTER IX

| | |
|----------------------------|-----------|
| Total Credit Hours: | 15 |
|----------------------------|-----------|

SEMESTER X

| | |
|----------------------------|-----------|
| Total Credit Hours: | 18 |
|----------------------------|-----------|

COST OF ATTENDANCE

| | SEMESTER 1 19 WEEKS | SEMESTER 2 19 WEEKS | SEMESTER 3 19 WEEKS | SEMESTER 4 19 WEEKS | SEMESTER 5 10 WEEKS |
|-------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Tuition & Fees* | \$18,520 | \$18,650 | \$18,445 | \$18,860 | \$18,535 |
| Room | \$4,500 | \$4,500 | \$4,500 | \$4,500 | \$2,700 |
| Books & Supplies | \$1,000 | \$1000 | \$750 | \$850 | \$100 |
| Medical Insurance | \$780 | \$780 | \$780 | \$780 | \$520 |
| Board (food) | \$3,020 | \$3,360 | \$3,360 | \$3,360 | \$1,768 |
| Miscellaneous | \$2,020 | \$2,240 | \$2,240 | \$2,240 | \$1,120 |
| Transportation | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$900 |
| Exam Fees | | | | | \$930 |
| TOTAL: | \$31,340 | \$32,030 | \$31,575 | \$32,090 | \$26,573 |

| | SEMESTER 6 17 WEEKS | SEMESTER 7 17 WEEKS | SEMESTER 8 17 WEEKS | SEMESTER 9 17 WEEKS | SEMESTER 10 18 WEEKS |
|-------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| Tuition & Fees** | \$18,945 | \$18,945 | \$18,945 | \$18,945 | \$18,945 |
| Room | \$4,500 | \$4,500 | \$4,500 | \$4,500 | \$4,500 |
| Books & Supplies | \$500 | \$500 | \$500 | \$500 | \$500 |
| Medical Insurance | \$520 | \$520 | \$520 | \$520 | \$520 |
| Board (food) | \$3,006 | \$3,006 | \$3,006 | \$3,006 | \$3,006 |
| Miscellaneous | \$1,904 | \$1,904 | \$1,904 | \$1,904 | \$2,016 |
| Transportation | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 |
| Exam Fees | | | \$930 | \$1,570 | |
| TOTAL: | \$30,875 | \$30,875 | \$31,805 | \$32,445 | \$30,987 |

*Tuition & Fees for FIU- Global Medicine Program is an additional \$2,000/semester during Semesters 1-5.

**Tuition & Fees for FIU clinical rotations is an additional \$280/week.

Students who started 5th semester in January 2016 should contact the Bursar Department for information on Tuition & Fees for semesters 6-10.

Not all of the above are obligations owed to the University but are estimated charges of outside providers.

SCHOLARSHIP OPPORTUNITIES

You graduated at the top of your class. Your community as a leader has recognized you. We have noticed. American University of Antigua offers qualified students a variety of scholarship opportunities that reward academic excellence and community and volunteer service. These scholarships include:

ACADEMIC SCHOLARSHIP AWARDS

GUARANTEED TO ALL APPLICANTS WHO MEET THE CRITERIA

ADMISSIONS COMMITTEE SCHOLARSHIP FOR ACADEMIC EXCELLENCE

This is automatically awarded to eligible candidates. Applicants need not fill out an application for this scholarship. The foundation of a successful physician begins with strong academic undergraduate performance. AUA recognizes the academic success of its accepted applicants and is proud to offer the Admissions Committee Scholarship for Academic Achievement.

Award Amount

\$25,000 Scholarship awarded \$5,000 per semester of the 5 semesters of Basic Sciences.

Eligibility Requirements

- Automatically awarded to accepted candidates who have a cumulative GPA of at least 3.5 and a pre-requisite GPA of at least 3.25. GPAs are determined by the Admissions Committee
- Students must maintain an overall High Pass each semester to continue eligibility
- Applicants are identified during the Admissions enrollment process and are notified of their award by the Scholarship Coordinator upon acceptance into the University

Student need not apply for this scholarship as they are automatically awarded if qualified.

PHYSICIAN DIVERSIFICATION INITIATIVE

AUA believes a diverse patient population requires a physician who trained in a diverse community. To embrace a more diverse community, AUA is proud to offer a limited number of Physician Diversification Initiative Grants to qualified applicants.

Award Amount

\$50,000 Scholarship awarded \$5000 per semester for the entire College of Medicine program.

Eligibility Requirements

- All applicants must submit a completed application along with:
- An essay of no more than 500 words
- A list of certificates and awards
- Copy of their passport
- A letter of recommendation separate from ones used during the enrollment process
- To apply, download the application here: [DIG](#)
- AUA applicants must possess both an undergraduate and prerequisite GPA of 3.25 or higher
- Must be a U.S. citizen or permanent resident
- Prove qualification as one of the underrepresented categories as listed on the application

AAMC defines underrepresented in medicine as those racial and ethnic populations that are underrepresented in the medical profession relative to their numbers in the general population as per <https://www.aamc.org/initiatives/urml/>

Students must meet Satisfactory Academic Progress each semester to continue eligibility.

DEAN'S ACHIEVEMENT AWARD

AUA recognizes the time and effort students have invested in taking the MCAT. Although we do not consider your MCAT score in admissions decisions, we will consider high scores for a scholarship. Earning a competitive MCAT score is an incredible achievement and eligible students who have earned these scores should be rewarded.

Award Amount

\$60,000 Scholarship awarded \$6000 per semester for 10 semesters

Eligibility Requirements

- A 505 or higher on the MCAT
- Students must maintain an overall High Pass each semester to continue eligibility

NEW YORK SCHOLARS AWARD

AUA graduates earn more residencies in New York than in any other state. Our graduates are from diverse cultural and economic backgrounds and often pursue much needed primary care fields. In an effort to continue to serve the state of New York with qualified physicians, AUA is pleased to offer the New York Scholars Award.

Award Amount

\$20,000 Scholarship awarded \$4,000 per semester of the 5 semesters of Basic Sciences.

Eligibility Requirements

- Automatically awarded New York residents who have earned acceptance and who have a cumulative GPA of at least 3.25 and a pre-requisite GPA of at least 3.0. GPAs are determined by the Admissions Committee
- Students must maintain an overall High Pass each semester to continue eligibility
- Applicants are identified during the Admissions enrollment process and are notified of their award by the Scholarship Coordinator upon acceptance into the University.

Student need not apply for this scholarship as they are automatically awarded if qualified.

CANADIAN SCHOLARS AWARD

AUA is proud to offer a pathway for Canadian students to become licensed, practicing physicians. AUA is a member of the Association of Commonwealth Universities. AUA students are eligible to apply for elective clinical sites in Canada and AUA graduates are eligible to complete residency training and receive licensure in Canada. The Canadian Scholars recognizes the academic achievement of exceptional Canadian students.

Award Amount

\$20,000 Scholarship awarded \$4,000 per semester of the 5 semesters of Basic Sciences.

Eligibility Requirements

- Automatically awarded Canadian residents who have earned acceptance and who have a cumulative GPA of at least 3.25 and a pre-requisite GPA of at least 3.0. GPAs are determined by the Admissions Committee
- Students must maintain an overall High Pass each semester to continue eligibility
- Applicants are identified during the Admissions enrollment process and are notified of their award by the Scholarship Coordinator upon acceptance into the University.

Student need not apply for this scholarship as they are automatically awarded if qualified.

SERVICE AWARDS

A LIMITED NUMBER OF GRANTS ARE AWARDED TO EXCEPTIONAL CANDIDATES WHO MEET THE CRITERIA OF THE SERVICE AWARDS

U.S. MILITARY VETERANS RECOGNITION GRANT

AUA recognizes the service and sacrifice performed by the U.S. Military and is pleased to offer a limited number of U.S. Military Veterans Recognition Grants.

Award Amount

\$12,500 Scholarship awarded \$2,500 per semester of 5 semesters of Basic Sciences.

Eligibility Requirements

- U.S. military veterans who have served in the U.S. Armed forces on active duty, either currently or with an honorable discharge
- All applicants must provide a completed application along with a DD214 form demonstrating eligibility
- Students must meet Satisfactory Academic Progress each semester to continue eligibility
- To apply, download the application here: [USM](#)
- This award is limited – apply early for consideration

CAREER ADVANCEMENT AWARD

AUA recognizes students who have contributed to the health and well-being of others through other health professions and are now ready to expand on their medical knowledge and expertise. Starting in February 2017, this scholarship is awarded to individuals who have worked in health professions.

Award Amount

\$2,500 Scholarship awarded one time, entering first-semester students only.

Eligibility Requirements

- Must have worked full-time for at least 6 months in a recognized health profession (including but not limited to: RN, EMT, PA, PT, Chiropractor, Pharmacist, X-ray Tech, Phlebotomy)
- All applicants must provide a completed Application along with proof of current certification
- Letter of recommendation from a supervisor
- To apply, download the application here: [CAA](#)

JONATHAN ROHR SCHOLARSHIP

Jonathan was completing his third semester of medical school at the time of his death. He was a very popular, straight-A student at AUA. In addition to the tremendous workload of a medical student, Jonathan was a lead TA at the school where he mentored other medical students in Anatomy, his favorite subject. He was also heavily involved in local triathlon activities. He helped organize the first triathlon race held in Antigua. The Jonathan Rohr Scholarship is awarded to a qualified student that embodies the spirit of Jonathan Rohr.

Award Amount

\$5,125 – one-time award towards tuition for first-semester – includes entry to the Tinman Rohr Triathlon. Awarded to one applicant each semester. The scholarship does not include room, board, transportation, or educational supplies.

Eligibility Requirements

- Personal statement describing a passion for and commitment to athletics, community service, and teaching
- Letter of recommendation from a service organization and/or athletic coach
- Complete the award application
- This scholarship is open to incoming first-semester students only
- Apply before July 1st for consideration for the Fall semester start and January 1st for consideration for the Spring semester start

GLOBAL EDUCATION SERVICE AWARD

Awarded during intercession to allow student travel to an underserved area to and work with a physician to fulfill their enhancement project criteria

Award Amount

Up to \$1500 awarded toward the cost of global enhancement project

Eligibility Requirements

- Personal statement discussing the student's interest in and understanding of the needs of the underserved nations. Must include a description of the work the student will be doing to meet the enhancement requirement
- Awarded by the Dean of AUA COM
- Must be in good academic standing with High Pass in all coursework
- This scholarship is open to students successfully completing their first, second, or third semester
- Students may be selected only once for this award

AUA RESEARCH GRANT (FOR CURRENT AUA STUDENTS)

The AUA Research Grant is awarded to clinical students who are involved in research opportunities that have been published or presented at the Regional, National, or International levels.

Award Amount

\$500 One Time

Eligibility Requirements

- Enrolled and in good standing with AUA
- Awarded by the Dean of Clinical Sciences
- Presently in a clinical semester (Semesters Six through Ten)
- The research paper should have identified (in the acknowledgments) AUA as the student's affiliation
- AUA Research Grants must be recommended by the Executive Dean of Clinical Sciences, AUA, and the chair of AUA's research Committee

To apply, download the application here: [RGF](#)

CULTURAL AWARDS

A LIMITED NUMBER OF GRANTS ARE AVAILABLE TO EXCEPTIONAL CANDIDATES WHO MEET THE CRITERIA OF THESE CULTURAL AWARDS

NEW YORK MINORITY PHYSICIAN AWARD

Award Amount

\$50,000 awarded \$5,000 per semester for the entire College of Medicine program.

In an effort to create a more diverse physician workforce, AUA is proud to offer undergraduate Black, Puerto Rican, Hispanic, and Asian students from New York State with a grant of \$50,000.

Eligibility Requirements

All Applicants Must:

- Be a resident of New York State
- Submit a letter of recommendation from a member of the [New York State Black, Puerto Rican, Hispanic and Asian Legislative Caucus](#)
- Applicants are identified during the Admissions enrollment process and are notified of their award by the Scholarship Coordinator upon acceptance into the University.

SCHOLARSHIP FOR INDIAN CITIZENS AND RESIDENTS

Award Amount

\$60,000 scholarship broken down by:

- \$35,000 scholarship awarded \$7,000 per semester of the 5 basic science semesters of AUA College of Medicine MD program.

- \$25,000 scholarship awarded \$5,000 per semester of the 5 clinical science semesters of AUA College of Medicine MD program.

The scholarship does not include room, board, transportation, or education supplies

Eligibility Requirements:

- All applicants must submit an application along with proof of residency in India (no older than two months from application date), copy of passport, and a one page personal statement indicating why you should be considered for the scholarship.
- Applicants who have taken college-level coursework in the US or Canada are ineligible for this scholarship.
- Students must meet Satisfactory Academic Progress each semester to continue eligibility.
- To apply, download the application here: [CRI](#)

THE AMERICAN ASSOCIATION OF PHYSICIANS OF INDIAN ORIGIN (AAPI) SCHOLARSHIP FOR STUDENTS OF INDIAN DESCENT

AUA is the only medical school recognized by the American Association of Physicians of Indian Origin (AAPI)

Award Amount

\$25,000 Scholarship awarded \$5000 per semester of 5 semesters of Basic Sciences. The scholarship does not include room, board, transportation, or educational supplies.

Eligibility Requirements

- Copy of passport
- Essay outlining their academic success and challenges, community service, and/or professional achievements and recognition
- Undergraduate GPA of 3.5 or higher and a prerequisite GPA of 3.25 or higher
- Students must meet Satisfactory Academic Progress each semester to continue eligibility
- Completed application form found here: [AAPI](#)

THE ANTIGUAN TUITION GRANT

AUA is committed to building the island supporting our students and campus community. To that goal, AUA is pleased to offer The Antiguan Tuition Grant to a limited number of Antiguan citizens.

Award Amount

Full tuition for the entire medical education program leading to an MD degree. The grant does not cover room, board, transportation, or educational supplies*

Eligibility Requirements

- Selected by the Admissions Committee
- Must show proof of Antiguan citizenship
- Students must meet Satisfactory Academic Progress each semester to continue eligibility

AUA cannot guarantee clinical placement in the United States, as immigration to the United States is at the discretion of the U.S. immigration authorities. Some or all clinical rotations may be scheduled at sites in CARICOM nations.

**Grant for Clinical sciences covers base AUA clinical rotations costs. For other programs such as the FIU certificate program, the grant will cover up to the base AUA clinical semester cost. The difference in cost will be the responsibility of the student.*

CARICOM TUITION GRANT

AUA is pleased to assist the career aspirations of students from the Caribbean community (CARICOM) by offering a special tuition grant.

Award Amount

\$27,500 Scholarship awarded \$5,500 per semester of 5 semesters of Basic Sciences. The scholarship does not include room, board, transportation, or educational supplies.

Eligibility Requirements

- Copy of passport, birth certificate, and proof of address
- Students must meet Satisfactory Academic Progress each semester to continue eligibility
- Completed application found here: [CARICOM](#)

THE MONTSERRAT TUITION GRANT

One grant per every calendar year is awarded to a citizen of Montserrat enrolling into AUA.

Award Amount

Full tuition for the entire medical education program leading to an MD degree. The grant does not cover room, board, transportation, or educational supplies*

Eligibility Requirements

- Selected by the Admissions Committee
- Must show proof of Monserrat citizenship
- Students must meet Satisfactory Academic Progress each semester to continue eligibility

AUA cannot guarantee clinical placement in the United States, as immigration to the United States is at the discretion of the U.S. immigration authorities.

Some or all clinical rotations may be scheduled at sites in CARICOM nations.

**Grant for Clinical sciences covers base AUA clinical rotations costs. For other programs such as the FIU certificate program, the grant will cover up to the base AUA clinical semester cost. The difference in cost will be the responsibility of the student.*

SIBLING OR SPOUSE ALLOWANCE

American University of Antigua College of Medicine (AUA COM) and the American International College of Arts and Sciences in Antigua (AICASA) are pleased to offer a tuition discount to siblings or a spouse who are enrolled concurrently in a full-time program at AUA COM or AICASA. In order to qualify for the discount, all siblings or spouses must be enrolled full-time for each semester of eligibility.

Award Amount

Up to \$45,687 awarded 20% tuition discount on the lowest tuition of one sibling or spouse.

Eligibility Requirements

- For spouses: must show documentation of marriage or legal civil union or registered domestic partnership (RDP) at the time of the qualifying partner's acceptance. Couples who are legally joined after matriculation are not eligible
- For siblings: a copy of your birth certificate or other legal document showing you have the same parent
- Spouses or siblings must be enrolled concurrently if one leaves through withdrawal or graduation the discount is no longer applied
- Spouses or siblings may be enrolled in either AUA COM or AICASA to qualify discount is applied to the lowest tuition

BEFORE YOU APPLY FOR ONE OF THESE SCHOLARSHIPS, PLEASE REVIEW THE FOLLOWING:

- Prior to scholarship consideration, all candidates need an acceptance to AUA, a completed scholarship application, and supporting documents where appropriate
- Scholarships may not exceed tuition and do not include room, board, transportation, and educational supplies unless noted below
- Unless otherwise noted, all scholarships require recipients to maintain Satisfactory Academic Progress (SAP) along with promotion to the next semester

Scholarships may not be combined.

Submit scholarship applications to:

Admissions Department ATTN: Shyam Dharia

Scholarship Coordinator

Manipal Education Americas, LLC, Representative for: American University of Antigua

One Battery Park Plaza, 33rd Floor

New York, NY 10004

sdharia@auamed.org

Phone: 212-661-8899 x195

Fax: 973-498-7707

ORGANIZATION, CONTROL & ADMINISTRATION

LEGAL ORGANIZATION AND CONTROL

American University of Antigua is a corporation duly authorized and existing under the laws of Antigua and Barbuda. It is owned and operated by Manipal Education Americas, LLC, a New York limited liability company.

OFFICERS AND DIRECTORS

Neal Simon, President and Director

Seetharaman Vaitheeswaran, Director

Dr. Ranjan Pai, Director

Prabhu Marudheri, Chief Administrative Officer and Chief Financial Officer

Leonard A. Sclafani, Esq., Sr. V.P., and General Counsel

Thomas Gardner, V.P. of Information Technology and Chief Information Officer

Corey Greenberg, V.P. for Enrollment Management, Clinical Sciences Administration and Chief Marketing Officer

Vernon Solomon, V.P. for Administrative Services and Community Affairs

Vikram Kaul, Sr. V.P. for Institutional Development

Richard Woodward, Executive Advisor for Enrollment Management

Craig Hauser, V.P. for Academic Administration

UNIVERSITY ADMINISTRATORS

Dr. Seymour I. Schwartz, MD

Provost

Dr. Robert Mallin, MD

V.P. for Academic Affairs and Executive Dean, Antiguan Campus

Dr. Peter Bell, MD

V.P. for Global Medical Education and Executive Dean, Clinical Sciences

Dr. Reza Sanii, PhD

Dean of Students

Dr. Roy Russ, PhD

Sr. Associate Dean, Medical Education of Basic Sciences

Dr. Majid Pathan, PhD

Librarian

Kristal Booth

University Registrar

Michael Burtch

University Bursar

Melissa Morell

Executive Director for Clinical Sciences Administration

Zain Taufiq

Executive Director, Marketing

Mamta Purbey

Executive Director, Enrollment Management

Danielle Hermon
Jennifer Bosco
Samantha Thacker
Charles Alvarez
Anita O'Brien
Larry McCollum
Joanna Serra
Lynnise Pimentel

Director of Admissions
Regional Director of Admissions
Director of Graduate & Alumni Affairs
Director of Purchasing
Director of Special Projects
Director of Systems & Programming
Director of Government Relations & Communications
Sr. Associate Director of Student Financial Services

FACULTY

BASIC SCIENCES

| FACULTY | JOINED | DEPARTMENT |
|------------------------------------|--------|------------------------------------|
| | | ANATOMY |
| Amiralli, Hassan, MD, MS | Feb-07 | Professor and Chair |
| Singh, Dyal, PhD | Jan-06 | Professor |
| Viswanath, Srikanteswara, MBBS, MS | Sep-07 | Professor |
| D'Costa, Sujatha, MSc, PhD | Sep-13 | Associate Professor |
| Bhargavi, Chandana MBBS, MD | Aug-12 | Assistant Professor |
| Marx, C. Sadacharan, MSc. PhD | May-11 | Associate Professor |
| Ganesa, Shyamala, MBBS | Feb-12 | Tutor |
| Maley, Bruce Edward, PhD | Jan-15 | Visiting Professor |
| Hansen, John, PhD | Jan-15 | Visiting Professor |
| | | MEDICAL CELL BIOLOGY |
| Valtschnoff, Juli, MD | Aug-12 | Professor & Chair |
| Th'ng, John, MD | Apr-13 | Associate Professor |
| Kirwan, Sheryl | Jun-15 | Associate Professor |
| James, Karron, PhD | Sep-10 | Associate Professor |
| | | PHYSIOLOGY & NEUROSCIENCES |
| Sanii, Reza, PhD | Oct-05 | Dean of Students Professor & Chair |
| Millis, Richard, PhD | Aug-14 | Professor |
| Kishan, Kadur, MBBS, MD | Feb-12 | Associate Professor |
| Schwartz, David, MD | Jan-11 | Visiting Professor |
| Hansen, Penny, PhD | Jan-15 | Visiting Professor |
| Kudrath, Wazir, MD | Jan-13 | Visiting Professor |
| | | BIOCHEMISTRY & GENETICS |
| Shivaraj, Bolanthur, BSc, MSc, PhD | Feb-10 | Professor & Chair |
| Rao, Nandini, PhD | Jul-10 | Professor |
| Brooks, Joshua, PhD | Jan-15 | Visiting Professor |

| | | |
|--|--------|---|
| CLINICAL MEDICINE | | |
| Cannon, Jenifer, PhD | Jan-14 | Professor & Chair |
| Amiralli, Waheeda, MD | Jul-07 | Professor |
| Fraser, Madeline, BM Bch | Sep-05 | Professor |
| Kannavar, Sudha, MD, OBGYN, ECFMG, CRM | Sep-09 | Associate Professor |
| Mysore, Nagaraj, MD | Feb-12 | Professor |
| Eli, Tumba T., MD, MMED, PhD | Jul-12 | Professor |
| Walwyn, Leslie | Feb-15 | Associate Professor |
| Lewis, Courtney, MD | Aug-14 | Instructor |
| HEALTH CLINIC SERVICES | | |
| Mallin, Kimberly, MD | Jan-14 | Professor & Director of Health Services |
| EMTC | | |
| Solomon, Vernon, AHA, ITC, EMTC | Aug-10 | Director & Vice President for Administrative Services & Community Affairs |
| MICROBIOLOGY/IMMUNOLOGY | | |
| Bharati, Balachandra, MSc, PhD | Sep-08 | Professor & Chair |
| Pai, Chitra, MD, MBBS | Feb-13 | Professor |
| Fernandez, Neville, MD | Oct-09 | Professor (Blackboard Admin.) |
| Queshi, Mahboob, MD, PhD | Jan-15 | Visiting Professor |
| Rosenthal, Ken, PhD | Jan-14 | Visiting Professor |
| PATHOLOGY | | |
| Coutinho, Ronnie, MD | Feb-13 | Associate Dean, Professor & Chair |
| Vinay, H. Shankar, MBBS, MD | Aug-12 | Assistant Professor |
| Brahmaiahchari, K. R., MBBS, MD | Feb-15 | Assistant Professor |
| PHARMACOLOGY | | |
| Morcos, Hani, MD, PhD | Sep-06 | Professor & Chair |
| Durgaprasad, Sapalya, MD | Oct-09 | Professor |
| Sudhakar, Pemminati, PhD | Aug-12 | Associate Professor |
| Krishna, Bimal, PhD | Jan-15 | Visiting Professor |

Rice, James, RhD May-08
 Glasser, Steve, PhD Jan-04
 Kastuk, Don, PhD Jan-04
 Porter, Natalie, Sep-16

BEHAVIORAL SCIENCES
 & NEUROSCIENCE
 Associate Dean & Professor, Acting Chair
 Professor
 Professor
 Professor

Meyers, Dewey Feb-16
 Gorantla, Vasavi, MSc, PhD Aug-13
 McKnight, Lynn, LPC, CCS, MAC, Jul-14
 ATR-BC

Associate Professor
 Assistant Professor
 Instructor

Francois, Barbara, PhD
 McGee, Joy, PhD
 Ephraim, Nelda, MSN Ed., RN CCRN-K
 Gethers, Ravenn, MEd.
 Phillips, Aaron, PhD

EDUCATION ENHANCEMENT
 Associate Professor & Chair
 Associate Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor

CLINICAL SCIENCES

| BRENTWOOD HOSPITAL, LOUISIANA | | | |
|-------------------------------|---------------------------|---------------------|--|
| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
| Psychiatry | Lee Stevens, MD | MD | University of Texas Health Science Center |
| Psychiatry | Katherine Smith, MD | MD | Louisiana State University School of Medicine |
| Psychiatry | Sabbenahalli Suresh, MD | MBBS | Mysore University Adichunchanagiri Institute of Medical Sciences- Karnataka State, India |
| Psychiatry | Guy E. Brannon, MD | MD | Louisiana State University Medical Center |
| Psychiatry | Janice Wilson Hollier, MD | MD | Louisiana State University Medical Center |
| Psychiatry | Kay Kennedy, MD | MD | |
| Psychiatry | Daniel J. Feeney, MD | MD | Uniformed Services University of Health Sciences |
| Psychiatry | Uzma Ahmad, MD | MBBS | Baqai Medical and Dental College, Pakistan |
| Psychiatry | Ruchika Yusufji, MD | MD | Punjab University-Christian Medical College, India |

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|---|------------------------------|------------------|---|
| Psychiatry | Olufemi Ogundeji, MD | MBBS | University of Ilorin, Kwara State, Nigeria |
| COMMUNITY HEALTH CENTER, MICHIGAN | | | |
| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
| Family Medicine | H. Lauren Vogel, DO | DO | Kansas City College of Osteopathic Medicine |
| Family Medicine | Tania Berry, DO | DO | Michigan State University College of Osteopathic Medicine |
| Family Medicine | Scott R. Gutowski, DO, FAAFP | DO | Michigan State University College of Osteopathic Medicine |
| Family Medicine | Timothy Miller, DO | DO | Michigan State University College of Osteopathic Medicine |
| Family Medicine | Jeff Toner, DO, MS | DO | Michigan State University College of Osteopathic Medicine |
| DEKALB REGIONAL MEDICAL CENTER, GEORGIA | | | |
| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
| Director | Donald Dolce, MD | MD | St. Christopher's College of Medicine-Luton, England, UK |
| Family Medicine | Dharmeshkumar C. Patel, MD | MD | Spartan Health Sciences University School of Medicine-Vieux Fort, St. Lucia |
| Family Medicine | Deepalakshmi Nagarajan, MBBS | MBBS | Govt. Kipaul Medical College |
| Family Medicine | Jonathan J. Perkins, MD | MD | State University of New York at Buffalo School of Medicine |
| Family Medicine | Raju Midha, MD | MD | Ross University School of Medicine, Dominica |
| Family Medicine | Gregory O. Zakers, MD | MD | Morehouse School of Medicine |
| Emergency Medicine | Jennifer C. Berman, MD | MD | Emory University of Medicine |
| Emergency Medicine | Tiencia James, MD | MD | Duke University |
| Emergency Medicine | Richard G. Lassiter, MD | MD | Medical College of Georgia |
| Internal Medicine | Dharmaraj H. Patil, MD | MBBS | Karnataka Medical College-Hubli, India |
| Internal Medicine | Solomon Tafari, MD | MD | |
| Internal Medicine | Shirley A. Harris, MD | MD | Case Western Reserve University |
| Internal Medicine | Eric D. High, MD | MD | Wright State University |
| Internal Medicine | Jeffrey Howard, MD | MD | University of Arkansas Medical Sciences |
| Internal Medicine | Mehar-Un Nisa Khan, MD | MD | Saba University School of Medicine-Saba, Netherlands |
| Internal Medicine | David Miller, MD | MD | University of Kentucky, College of |

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|-------------------|--------------------------|------|---|
| | | | Medicine |
| Internal Medicine | Olufunso A. Ojo, MD | MBBS | Obafemi Awolowo University, Nigeria |
| Internal Medicine | Charles C. Parrish, MD | MD | University of Tennessee |
| Internal Medicine | Susmitha Puppala, MD | MD | Zaporozhye State Medical University, Zaporozhye, Ukraine |
| Internal Medicine | David B. Rausher, MD | MD | State University of New York Downstate Medical Center |
| Internal Medicine | Jean-Gustave Shoumou, MD | MD | University of Leipzig, Germany |
| Internal Medicine | Jitendra P. Singh, MD | MD | Emory University of Medicine |
| Internal Medicine | Abhay Trivedi, MD | MD | Maulana Azad Medical College-New Delhi, India |
| Internal Medicine | Izabella Verbitsky, MD | MD | Second State Moscow Medical Institute, Moscow, Russia |
| OB-GYN | Joseph Boveri, MD | MD | University of Missouri |

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|------------|--------------------------|------|---|
| OB-GYN | Leslie A. Pope, DO | DO | Chicago College of Osteopathic Medicine |
| OB-GYN | Runette Flowers, MD | MD | Meharry Medical College |
| OB-GYN | Stuart Pancer, MD | MD | University of Pittsburgh |
| OB-GYN | Lynette Stewart, MD | MD | Washington University-St. Louis, MO |
| OB-GYN | Elizabeth A. Kobe, DO | DO | University of Osteopathic Medicine and Health Sciences |
| OB-GYN | Robert P. Dourron, MD | MD | Medical College of Georgia |
| OB-GYN | Rodney M. Dourron, MD | MD | Medical College of Georgia |
| OB-GYN | Yun Mei Fung, MD | MD | University of Wales College of Medicine-Cardiff, UK |
| OB-GYN | Christian D. Geltz, MD | DO | University of Health Sciences, Kansas City |
| OB-GYN | Elijah N. Gilbert, MD | MD | Mercer University School of Medicine-Macon, GA |
| OB-GYN | Phillip E. Hadley, MD | MD | University of Florida |
| OB-GYN | Beenal Naik, MD | MBBS | Mahatma Gandhi Mission's Medical School, Mumbai, India |
| Pediatrics | Beatrice Clodomir, DO | DO | NY College of Osteopathic Medicine |
| Pediatrics | Saima Hussain, MD | MD | Mercer University School of Medicine-Macon, GA |
| Pediatrics | Tonya G. Liggon, MD | MD | Michigan State University |
| Pediatrics | Iyabo Okuwobi, MD | MBBS | Lagos University Teaching Hospital, Nigeria |
| Pediatrics | Fatema Tayaba, MD | MBBS | Quaid-E-Azam Medical College Bahawalpur, Pakistan |
| Psychiatry | Todd M. Antin, MD | MD | University of Miami School of Medicine |
| Surgery | Guy R. Orangio, MD | MD | NY Medical College |
| Surgery | Ali M. Mohamed, MD | MD | Somali National University |
| Surgery | Thomas P. Branch, MD | MD | Emory University of Medicine |
| Surgery | Augustine H. Conduah, MD | MD | David Geffen School of Medicine at UCLA |
| Surgery | Robert E. Karsch, MD | MD | University of Pennsylvania School of |

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|---------|----------------------------|----|---|
| | | | Medicine |
| Surgery | Ian Katz, MD | MD | University of Miami |
| Surgery | Michael A. Quiñones, MD | MD | Harvard Medical School |
| Surgery | Rogsbert Phillips-Reed, MD | MD | Columbia University School of Physicians and Surgeons |
| Surgery | William W. Rose III, MD | MD | Michigan State University |
| Surgery | Kellie A. Rose, MD | MD | University of Missouri School of Medicine |
| Surgery | Timothy Simon, MD | MD | Howard University College of Medicine |
| Surgery | Andrei Carol Stieber, MD | MD | State University-Milan, Italy |
| Surgery | David Fern, MD | MD | Emory University of Medicine |
| Surgery | Raoul Mayer, MD | MD | Mount Sinai School of Medicine |
| Surgery | Musibau A. Ibraheem, MD | MD | Debrecen Medical University |

NORTHSIDE MEDICAL CENTER, OHIO

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-------------------|-----------------------------|------------------|---|
| DME | Kimberly Howe, PhD | PhD | Case Western Reserve University |
| Family Medicine | Paul Rich, MD | MD | Medical College of Ohio |
| Internal Medicine | Aron Blecher, MD | MD | Universidad Autonoma de Guadalajara, Mexico |
| Internal Medicine | Lawrence Goldstein, MD | MD | State University of NY Health Sciences Center, Syracuse |
| Internal Medicine | Rebecca Bailey, MD | MD | Bowman Gray School of Medicine |
| Internal Medicine | Amrinder Singh Bhatti, MBBS | MBBS | Government Medical College, Amritsar, India |
| Internal Medicine | Jon W. Arnott, MD, CMQ | MD, CMQ | Universidad Central Del Este, Dominican Republic |
| Internal Medicine | Prabhjot Brar, MBBS | MBBS | Dayanand Medical College, Ludhiana, India |
| Internal Medicine | Karthik Vijayan, MD | MD | Western Reserve Health Education/MEOMED Program, Youngstown, OH |
| Internal Medicine | Kanwaljit Waraich, MBBS | MBBS | |
| Pathology | Geoffrey Mendelsohn, MD | MB ChB | University of the Witwatersrand-Johannesburg, South Africa |
| Pathology | Kevin Scheetz, MD | MD | Northeastern Ohio Universities College of Medicine |
| Surgery | James Smith, MD | MD | Universidad LaSalle, Mexico City |
| Surgery | Michael Cicchillo, MD | MD | Northeastern Ohio Universities College of Medicine |
| Surgery | Peter DeVito, MD | MD | Northeastern Ohio Universities College of Medicine |

GRIFFIN HOSPITAL, CONNECTICUT

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-----------------------|-------------------------|---------------------|--|
| Internal Medicine | Marya Chaisson, MD | MD | American University of the Caribbean School of Medicine |
| Internal Medicine | Lionel S. Lim, MD | MBBS | University of Sydney, Australia |
| Internal Medicine | Howard L. Quentzel, MD | MD | NY Medical College |
| Internal Medicine | Kenneth V. Schwartz, MD | MD | Cornell University Medical College |
| Internal Medicine | Joel S. Zaretsky, MD | MD | NY Medical College |
| Internal Medicine | Harold M. Schwartz, MD | MD | State University of NY, Health Science Center |
| Internal Medicine | Haq Nawaz, MD | MBBS | Punjab Medical College-Faisalabad, Pakistan |
| Internal Medicine | William N. Pearson, MD | MD | University of Connecticut |
| Emergency Medicine | Gregory L. Boris, DO | DO | NY College of Osteopathic Medicine |
| Surgery | Mark Thimineur, MD | MD | State University of NY, Health Science Center |
| Anesthesiology | Charles E. Thompson, MD | MD | Jefferson Medical College- Philadelphia, PA |
| Radiology | Douglas D. Silin, MD | MD | Boston University School of Medicine |

HARBOR HOSPITAL, MARYLAND

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-------------------------------|-------------------------|---------------------|--|
| Residency Program Director | Richard Williams, MD | MD | University of Virginia |
| DME | Fer Eren, MD | MD | St. George's University School of Medicine Grenada, West Indies |
| Internal Medicine | Carlos Zigel, MD | MD | Universidad Central del Este Dominican Republic |
| Internal Medicine | Sridhar Atluri, MD | MBBS | Rangaraya Medical College-Kakinada, India |
| Internal Medicine | Ajoy C. Karikkineth, MD | MBBS | Government Medical College of Trivandrum-Kerala, India |
| Internal Medicine | Darius M. Cameron, MD | MD | Mount Sinai School of Medicine |

JACKSON PARK MEDICAL CENTER, ILLINOIS

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-------------------|-------------------------|---------------------|---|
| Internal Medicine | Bangalore Murthy, MD | MBBS | Govt Medical College-University of Mysore, India |
| Internal Medicine | Mohammed T. Hussain, MD | MBBS | Osmania Medical College-Hyderabad, India |
| Internal Medicine | Syed Ali, MBBS | MBBS | Gandhi Medical College-Hyderabad, India |

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|-------------------|------------------------|------|---|
| Internal Medicine | Aftab Khan, MD | MBBS | King Edward Medical University-Pakistan |
| Internal Medicine | Patrap Kumar, MD | MD | University of Madras, India |
| Psychiatry | Thodur Ranganathan, MD | MBBS | Finch University Health Science-Chicago Medical School |
| Psychiatry | Lucose Luke, MD | MD | Ranchi University Patliputra Medical College-Bihar, India |
| Family Medicine | Lakshmi Dodda, MD | MBBS | Nagarjuna University Guntur Medical College, India |
| Family Medicine | Rajiv Kandala, MD | MD | Saba University School of Medicine |
| Family Medicine | Adebayo Bademosi, MD | MD | Ross University School of Medicine-Dominica, West Indies |
| Family Medicine | Vijay Patel, MD | MD | KMC Mysore University-India |
| Family Medicine | Erik Tchaptcet, MD | MD | Ross University School of Medicine-Dominica, West Indies |
| Family Medicine | Ahmed Shafi, MD | MBBS | Dow Medical College-Karachi, Pakistan |
| Family Medicine | Hee Han Kim, MD | MD | KNU School of Medicine |
| Family Medicine | Naveed Muhammad, MD | MBBS | Sindh Medical College-Karachi, Pakistan |
| Family Medicine | Hardil Shah, MD | MD | BJ Medical College-Ahmedabad, India |
| Pediatrics | Gayle Kates, MD | MD | University of IL-Lincoln College of Medicine |
| Pediatrics | Quynh Nguyen, MD | MD | University of OK College of Medicine |
| Pediatrics | Sherahsan Niazi, MD | MBBS | King Edward Medical University-Pakistan |
| Pediatrics | Shirley Montgomery, MD | MD | University of IL-Lincoln College of Medicine |
| Pediatrics | Carletha Hughes, MD | MD | Ross University School of Medicine-Dominica, West Indies |
| OB-GYN | Rita McGuire-Cohn, MD | MD | Wayne State University |
| OB-GYN | Ashok Shah, MD | MD | Gujarat University-India |
| OB-GYN | Ruksana Nazneen, MD | MD | Osmania Medical College-Hyderabad, India |
| OB-GYN | Judith Cothran, MD | MD | Georgetown University School of Medicine |

INSTITUTE OF FAMILY HEALTH, NEW YORK

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-----------|-----------------------|------------------|------------------------|
| DME | Ephraim Back, MD, MPH | MD | |
| | Melissa Schiskie, DO | DO | |

INTERFAITH, NEW YORK

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|----------------------------|---------------------------|---------------------|--|
| CMO & Internal Medicine | Pradeep Chandra, MD | MBBS | SMS Medical College-University of Rajasthan Jaipur, India |
| Internal Medicine | Mark Adler, MD | MD | Medical Faculty of University of Basel, Switzerland |
| Internal Medicine | Samuel N. Adler, MD | MD | Medical Faculty of University of Basel, Switzerland |
| Internal Medicine | Zewge Shiferaw-Deribe, MD | MD | Addis Ababa University Medical School-Ethiopia |
| Internal Medicine | Muhammad Dogar, MD | MD | Allama Iqbal Medical College-Lahore, Pakistan |
| Internal Medicine | Danilo A. Enriquez, MD | MD | National Autonomous University of Nicaragua |
| Internal Medicine | Eric A. Jaffe, MD | MD | Cornell University |
| Internal Medicine | Eric L. Jerome, MD | MD | State University of Haiti Faculte de Medecine |
| Internal Medicine | Bikash Bhattarai, MD | MBBS | Nepal Medical College |
| Internal Medicine | Bordes P. Laurent, MD | MD | Universidad Autonoma School of Medicine-Guadalajara, Mexico |
| Internal Medicine | Mohamed Mansour, MD | MD | Cairo University Medical School |
| Internal Medicine | Wesner Moise, MD | MD | College of Medicine, State University, Haiti |
| Internal Medicine | Malar Thwin, MD | MBBS | Institute of Medicine Yangon, Myanmar |
| Internal Medicine | Joseph B. Quist, MD | MD | University of Ghana Medical School |
| Internal Medicine | Gerald Posner, MD | MD | State University of NY, Downstate Medical Center |
| Internal Medicine | Mona Pervil-Ulysse, MD | MD | Universidad Del Noreste, Tampico, Mexico |
| Internal Medicine | Mirela Sam, MD | MD | University of Medicine and Pharmacy, CLUJ-Napoca, Romania |
| Internal Medicine | Parvathy Vasudevan, MD | MD | |
| Internal Medicine | Raveendra Chigurupati, MD | MD | Kasturba Medical College Mangalore, India |
| Internal Medicine | Ravi Jayanti, MD | MD | Rangaraya Medical College, India |
| Internal Medicine | Vikram Oke, MD | MBBS | Gandhi Medical College, Hyderabad, India |
| Internal Medicine | Arifa Khan, MD | MD | Shalamar Hospital Lahore, Pakistan |
| Internal Medicine | Mir Ali, MD | MBBS | Deccan College of Medical Sciences, India |
| Internal Medicine | Leon R. Shein, MD | MD | University of the East Medical School- Philippines |
| Internal Medicine | Devendra Shrivastava, MD | MBBS | Bhopal University-Bhopal, India |
| Internal Medicine | Sam Weissman, MD | MD | Albert Einstein College of Medicine |
| Ophthalmology | Wally Kopelowitz, MD | MD | University of Witwatersrand, South Africa |
| Ophthalmology | Steven Sherman, DO | DO | Des Moines University College of Osteopathic Medicine |

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|---------------|---------------------------|------|--|
| Ophthalmology | Marcus Edelstein, MD | MD | NY Medical College |
| OB-GYN | Jacques Guillaume, MD | MD | State University of Haiti Faculte de Medecine |
| Pediatrics | Sadhana Bose, MD | MBBS | Calcutta University, India |
| Pediatrics | Emmanuel Brunot, MD | MD | State University Hospital of Haiti |
| Pediatrics | Edmund J. DiLello, MD | MD | Chicago Medical School |
| Pediatrics | Herold Duroseau, MD | MD | University of Seville, Spain |
| Pediatrics | Swati Gandhi, MD | MD | American University of the Caribbean, Netherland Antillies |
| Pediatrics | Dilruba Hussain, MD | MBBS | University of Dhaka Medical College, Bangladesh |
| Pediatrics | George Kovacs, MD | MD | Medical University of Debrecen, Hungary |
| Pediatrics | Hosneara Masub, MD | MBBS | University of Dhaka Medical College, Bangladesh |
| Pediatrics | Sana Y. Nejme-Khoury, MD | MD | Damascus University, Syria |
| Pediatrics | Revanord Pierre-Louis, MD | MD | State University of Haiti Faculte de Medecine |
| Pediatrics | Samia A. Tayab, MD | MBBS | Dow Medical College, Pakistan |
| Pediatrics | Gaddam D. Reddy, MD | MD | Osmania Medical College-Hyderabad, India |
| Pediatrics | Bolanle A. Olajide, MD | MD | Obafemi Awolowo University Teaching Hospital, Nigeria |

KAWEAH DELTA HEALTHCARE DISTRICT, CALIFORNIA

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|--------------------|-----------------------|------------------|--|
| Emergency Medicine | John Hipkind, MD | MD | Rush Medical College |
| Emergency Medicine | Kevin Ferguson, MD | MD | University of Michigan Medical School |
| Emergency Medicine | William W. Fields, MD | MD | University of Southern CA School of Medicine |
| Emergency Medicine | Sidney James, MD | DO | Touro University College of Osteopathic Medicine |
| Emergency Medicine | Maria O'Rourke, MD | MD | Tufts University School of Medicine |
| Emergency Medicine | Linda Herman, MD | MD | Ohio State University, College of Medicine |
| Emergency Medicine | Michael Stanley, DO | DO | Touro University College of Osteopathic Medicine |
| Emergency Medicine | Steven Warrington, MD | MD | Northeastern Ohio Universities College of Medicine |
| Emergency Medicine | Chadi Kahwaji, MD | MD | University of CA, Irvine, College of Medicine |
| Family Medicine | Anne Boyd, MD | MD | Case Western Reserve University School of Medicine |

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|--------------------|------------------------|----|---|
| Psychiatry | Lester Love, MD | MD | University of California, San Francisco |
| Psychiatry | Joachim Raese, MD | MD | Hamburg University, School of Medicine Hamburg, Germany |
| Psychiatry | Elizabeth Tully, MD | MD | University of Turin Medical School Turin, Italy |
| Emergency Medicine | Scott Whitlow, DO | DO | Western University of Health Sciences |
| Emergency Medicine | Lori Winston, MD | MD | Loyola University Stritch School of Medicine |
| Surgery | Sebastiano Cassaro, MD | MD | University of Genoa Medical School-Genoa, Italy |
| Surgery | Nichole Meissner, MD | MD | Tufts University School of Medicine |

KINGSBROOK JEWISH MEDICAL CENTER, NEW YORK

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-----------------------|-------------------------|------------------|--|
| CMO/Internal Medicine | Sibte Burney, MD | MBBS | University of Karachi, Dow Medical College-Pakistan |
| Internal Medicine | Emmanuel Valery, MD | MD | University Noreste Medical School,- Tampico, Mexico |
| Internal Medicine | Jacquelin A. Belamy, MD | MD | State University of Haiti |
| Family Medicine | Kevin T. Custis, MD | MD | State University of NY Health Science Center |
| Internal Medicine | Adebola Orafidiya, MD | MBBS | Ife College of Health Sciences-Ile-Ife, Nigeria |
| Surgery | William Lois, MD | MD | Universidad de Navarra, Spain |
| Surgery | Rajendra Bhayani, MD | MD | Byramjee Jeejeebhoy Medical College-Pune, India |
| Osteo | Leonid Tafler, DO | DO | NY College of Osteopathic Medicine |
| Internal Medicine | Victoria Katz, MD | MD | Tbilisi State Medical Institute-Tbilisi, Georgia |
| Pall | Sarita Patel, MD | MBBS | Gandhi Medical College-Hyderabad, India |
| Ortho | Eli Bryk, MD | MD | Columbia University College of Physicians and Surgeons |
| Rehab | Adrian Cristian, MD | MD | Mount Sinai School of Medicine |
| Internal Medicine | Zurab Abayev, MD | MD | Ukrainian State Medical University |
| Internal Medicine | Harish Patel, MD | MD | B.J. Medical College-Ahmedabad, India |
| Internal Medicine | Erik Ilyayev, MD | MD | St. Matthew's School of Medicine-Grand Cayman |
| Internal Medicine | Jigar Patel, MD | MBBS | M.P. Shah Medical College-Jamnagar, India |
| Internal Medicine | Jai Singh, MD | MBBS | Gorakhpur University, India |
| Internal Medicine | Henry Paul, MD | MD | Ross University School of Medicine-Dominica, West Indies |
| Internal Medicine | Vijay Akkapeddi, MD | MD | Gandhi Medical College-Hyderabad, India |

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|-------------------|----------------------------|------|---|
| | Syed Ahmad, MD | MD | |
| Family Medicine | Carl Casimir, MD | MD | Liege University School of Medicine, Liege, Belgium |
| | Huachin Chen, MD | MD | |
| | Conrad Fischer, MD | MD | |
| Surgery | Guny Gabriel, MD | MD | Universite de droit et de la Sante de Lille, France |
| Internal Medicine | Rizwan Hameed, MD | MBBS | Rawalpindi Medical College, Rawalpindi, Pakistan |
| | Charles Hinz, MD | MD | |
| Internal Medicine | Ratesh Khillan, MD | MBBS | Government Medical College, Patiala, Punjab, India |
| | Jay Lee, MD | MD | |
| | Ogadinma Mcgeachy, MD | MD | |
| Internal Medicine | Sucharita Mehta, MD | MBBS | Kasturba Medical College, Manipal, India |
| | Jorge Orellana, MD | MD | |
| Pathology | Firozali Panjvani, MD | MD | Makerere Medical School, University of East Africa |
| Psychiatry | Ramsing Pardeshi, MD | MD | B.J. Medical College, Poona University, India |
| Internal Medicine | Meenal Shukla, MD | MBBS | Ravindra Nath Tagore Medical College, Udaipur, India |
| | Edward Smith, MD | MD | |
| | Niket Sonpal, MD | MD | |
| Family Medicine | Sanjeev Nischal, MD | MD | |
| Internal Medicine | Mary Tafiwk, MD | MD | Faculty of Medicine, Alexandria University, Alexandria Egypt |
| | Akbarali Virani, MD | MD | |
| Psychiatry | Leon Valbrun, MD | MD | State University of Haiti |
| Psychiatry | Thulasiram Janardhanan, MD | MBBS | Madras University, India |
| Ophthalmology | Caroline Alexander, MD | MD | Ross University School of Medicine- Dominica, West Indies |
| Radiology | Bruce Campbell, MD | MD | Oregon Health Sciences University |

LINCOLN REGIONAL CENTER, NEBRASKA

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|------------|--------------------|---------------------|--|
| Psychiatry | Klaus Hartmann, MD | MD | University of Nebraska College of Medicine |
| Psychiatry | Roger Donovan, MD | MD | New York Medical College |
| Psychiatry | Lori Anderson, MD | MD | University of Texas Southwestern Medical School |
| Psychiatry | Vijay Dewan, MD | MBBS | Pune University, India |

UNIVERSITY OF MARYLAND MEDICAL CENTER MIDTOWN CAMPUS, MARYLAND

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-------------------|-------------------------|---------------------|---|
| Internal Medicine | Robert Chow, MD | MD | University of Pennsylvania School of Medicine, Philadelphia, PA |
| Internal Medicine | William Anthony, MD | MD | Emory University School of Medicine |
| Internal Medicine | Sanjay P. Shah, MD | MD | Govt. Medical College, Surat, Gujarat, India |
| Internal Medicine | Randolph G. Whipps, MD | MD | University of Maryland School of Medicine |
| Internal Medicine | Shabbir A. Choudhry, MD | MD | Universidad, Eugenio, Maria De Hostos, Santo Domingo |
| Internal Medicine | Dilraj Deol, MD | MD | |
| Internal Medicine | Naresh Bassi, MD | MD | Ross University, Commonwealth of Dominica, West Indies |
| Internal Medicine | Annette Mpacko, MD | MD | |
| Internal Medicine | Surjit S. Julka, MD | MD | Govt. Medical College, Patiala, India |
| Internal Medicine | Kofi Owusu-Antwi, MD | MD | American University of the Caribbean, Netherlands Antilles |

RICHMOND UNIVERSITY MEDICAL CENTER, NEW YORK

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-------------------|--------------------------|---------------------|---|
| Internal Medicine | Edward Arsura, MD | MD | |
| Internal Medicine | Lyudmila Rubinshteyn, MD | MD | University of Medicine and Dentistry of NJ-NJ Medical School |
| Surgery | Michael Berstein, MD | MD | |
| Surgery | Yogendra Patel, MD | MD | |
| Psychiatry | Pankaj Patel, MD | MD | |
| Psychiatry | Archana Sarwal, MD | MD | State University of NY Health Science Center |
| Pediatrics | Brian McMahon, MD | MD | U.E.R. Mixte de Pharmacie et de Medecine Universite d' Angers, Angers, France |
| Pediatrics | Teresa Lemma, MD | MD | Universidad del Noreste, Tampico, Mexico |
| OB-GYN | Michael Moretti, MD | MD | Universidad del Noreste, Tampico, Mexico |
| OB-GYN | Joanna Pessolano, MD | MD | |
| OB-GYN | Simon Kokkinakis, MD | MD | Ross University School of Medicine Dominica, West Indies |
| OB-GYN | Rita Shats, MD | MD | Ross University School of Medicine Dominica, West Indies |

ST. ELIZABETH'S HOSPITAL, DISTRICT OF COLUMBIA

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|------------------|-------------------------|---------------------|---------------------------|
| Psychiatry | Benjamin A. Adewale, MD | | |
| Psychiatry | Karen Alleyne, MD | | |
| Child Psychiatry | Saul K. Kolansky, MD | | |
| Psychiatry | Farooq Mohyuddin, MD | | |
| Psychiatry | Syed Naqvi, MD | | |
| Neurology | John W. Stiller, MD | | |
| Psychiatry | Syed I. Zaidi, MD | | |
| Psychiatry | Janna Volkov, MD | | |

ST. ELIZABETH HOSPITAL, NEW YORK

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-----------------|-------------------------|---------------------|--|
| Family Medicine | Mark Warfel, DO | DO | University of New England College of Osteopathic Medicine, Biddeford, ME |
| Family Medicine | Francis Chabot, MD | MD | Tufts University |
| Family Medicine | Julie Betro Shkane, DO | DO | New York college of Osteopathic Medicine |
| Family Medicine | Tatyana V. Misyulya, MD | | |
| Family Medicine | Brij Kumar, MD | MD | Pt. BDS Post Graduate Institute of Medical Sciences, India |

ST. JOSEPH'S MEDICAL CENTER, NEW YORK

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-----------------|-------------------------|---------------------|---|
| DME | E. Kenneth Freiberg, DO | | |
| Family Medicine | Sonia A. Velez, MD, JD | MD | American University of the Caribbean-Montserrat, British West Indies |
| Family Medicine | Rodika Coloka-Kump, DO | DO | New York College of Osteopathic Medicine of New York Institute of Technology-Old Westbury, New York |

SHEPPARD PRATT HOSPITAL, MARYLAND

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|------------|------------------------|---------------------|--|
| DME | Ellen Mongan, MD | MD | Columbia University College of Physicians and Surgeons |
| Psychiatry | Jason Addison, MD | MD | The University of Texas Medical School at Houston |
| Psychiatry | Benedicto R. Borja, MD | MD | University of Santo Tomas, Manila |
| Psychiatry | Dennis Kutzer, MD | MD | University of Maryland School of |

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|------------|------------------------------|------|---------------------------------------|
| | | | Medicine |
| Psychiatry | Robert W. Wisner-Carlson, MD | MD | University of Michigan Medical School |
| Psychiatry | Merle McCann, MD | MD | Medical College of Virginia |
| Psychiatry | Meenakshi Vimalananda, MD | MBBS | Christian Medical College, India |

SOUTHSIDE HOSPITAL, NEW YORK

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-----------|-------------------------------|------------------|--|
| DME | Tochi Iroku-Malize, MD | MD | University of Nigeria Faculty of Medicine |
| OB-GYN | Christine O'Donoghue-Kitt, MD | MD | International University of the Health Sciences School of Medicine |
| OB-GYN | John Muratori, MD | MD | St. George's University School of Medicine |
| OB-GYN | James W. Ferguson, MD | MD | SUNY Downstate Medical Center |
| OB-GYN | Dulce M. Almanzar, MD | MD | Universidad Autonoma de Santo Domingo |
| OB-GYN | Edison R. Blanco, MD | MD | Pontificia Universidad Javeriana, Colombia |
| OB-GYN | Michael W. Torelli, MD | MD | St. George's University School of Medicine |
| OB-GYN | Luz Del Carmen-Cespedes, MD | MD | Technologic Institute of Santo Domingo |
| OB-GYN | Leslie Cespedes, MD | MD | Instituto Tecnológico de Santo Domingo |

SUMMA HEALTH SYSTEMS, OHIO

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|------------|------------------------|------------------|---|
| DME | Joseph Zarconi, MD | MD | |
| Psychiatry | Heather Lewis, MD | MD | |
| Psychiatry | Bradly P. Winkhart, MD | MD | Wright State University School of Medicine |
| Psychiatry | Simona Sucha, MD | MD | Charles University Faculty of Medicine-Prague |

VALLEY CONSORTIUM, CALIFORNIA

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|-----------------|------------------------|------------------|---|
| CEO/DIO | Peter W. Broderick, MD | MD | UC San Francisco, CA |
| Family Medicine | Giang N. Lam, MD | MD | American University of the Caribbean School of Medicine |
| Family Medicine | Humayun Abbas, MD | MD | Dow Medical College, Pakistan |
| Family Medicine | Mark T. Fahlen, MD | MD | Albany Medical College |
| Family Medicine | Satnam S. Ludder, MD | MD | Punjabi University Medical College, |

| | | | India |
|--|--------------------------|------------------|--|
| Family Medicine | Millard E. Johnson, MD | MD | University of Kansas College of Health Science School of Med |
| WYCKOFF HEIGHTS MEDICAL CENTER, NEW YORK | | | |
| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
| DME | E. Kenneth Freiberg, DO | | |
| Internal Medicine | Sapan Polepalle, MD | MD | Northwestern University Medical School |
| Internal Medicine | Bushan L. Khashu, MD | MD | Calcutta National Medical Institute |
| Internal Medicine | Calogero Tumminello, MD | MD | World University School of Medicine Dominican Republic |
| Internal Medicine | Afzal Hossain, MD | MBBS | Osmania Medical College, India |
| ENT | Sam Huh, MD | MD | |
| ENT | Rajendra Bhayani, MD | MD | Byramjee Jeejeebhoy Medical College |
| | Derek Liang, MD | MD | |
| OB-GYN | Prasanta Chandra, MD | | |
| OB-GYN | Bala Ravi, MD | | |
| OB-GYN | Faramaz Zarghami, MD | | |
| Surgery | Ramon Benedicto, MD | MD | University of the East, Philippines |
| Surgery | Leonora Monroe, MD | MD | Medical College of Pennsylvania |
| Surgery | George O. Wright, MD | MD | UWI Medical School, Mona Campus |
| Surgery | Erico R. Cardoso, MD | MD | Goiás Federal University-Goiás, Brazil |
| Surgery | Ignatius D. Roger, MD | MD | Mount Sinai School of Medicine |
| Surgery | Clara M. Rivera, MD | MD | San Juan Bautista School of Medicine, Puerto Rico |
| Surgery | Mohan R. Badhey, MD | MBBS | Osmania University, India |
| Surgery | Stephen Carryl, MD | MD | Loma Linda School of Medicine Loma Linda, CA |
| Surgery | Akella Chendrasekhar, MD | MD | University of Miami School of Medicine |
| Surgery | Vijay Saaraswat, MD | MBBS | Rajasthan University SMS Medical College-Jaipur, India |
| Surgery | Omid Hakimian, MD | MD | State University of NY Health Science Center |
| Surgery | Narendra Kumthekar, MD | MD | |
| Surgery | Syed Ahmed, MD | MD | |
| Surgery | Hadley Cadot, MD | MD | |
| Surgery | Brian Hall, MD | MD | |
| Surgery | Daniel Rosen, MD | MD | |
| TRINITY HOSPITAL, GEORGIA | | | |
| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
| OB-GYN | Rafael E. Jordan, MD | MD | University of Puerto Rico School of |

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|-----------------|----------------------------------|------|--|
| | | | Medicine |
| OB-GYN | Eddie R. Cheeks, MD | MD | Medical College of Georgia |
| OB-GYN | Princessa Johnson Ray, MD | MD | University of Florida College of Medicine |
| OB-GYN | Calvin L. Hobbs, MD | MD | Baylor College of Medicine, Texas |
| OB-GYN | Janet Davis Larson, MD | MD | Medical College of Georgia |
| OB-GYN | Edouard J. Servy, MD | MD | Faculte De Medecine, Bordeaux, France |
| OB-GYN | Charity Uhunmwangho, MD | MBBS | College of Medicine University of Benin |
| OB-GYN | Magalie Pierre, MD | MD | Spartan Health Science University, St. Lucia |
| OB-GYN | Cristian Thomae, MD | | |
| OB-GYN | Radhika Subramanian, MD | | |
| OB-GYN | Kathryn Knodel, MD | | |
| OB-GYN | William LaVigne, MD | MD | The University Autonoma of Guadalajara, Mexico |
| OB-GYN | Lawrence Robillard, MD | MD | The University of Michigan Medical School |
| OB-GYN | Debra J. Ware, MD | MD | American University of the Caribbean, Montserrat |
| Family Medicine | Audrey Henderson, MD | | |
| Family Medicine | Angela Overstreet Wright, MD | MD | Medical College of Georgia School of Medicine |
| Family Medicine | Livia M. Capuy, MD | MD | Cebu Institute of Medicine, Philippines |
| Family Medicine | Mittel Patel, MD | | |
| Family Medicine | Rashawn Blakeney, MD | MD | Medical College of Georgia |
| Family Medicine | Marian T. Ebron, MD | MD | University of North Carolina at Carolina |
| Surgery | Roosevelt J. Stallings, MD, FACS | MD | University of Florida |
| Surgery | Samana H. Zulu, MD, FACS | MD | University of Maryland College of Medicine |
| Surgery | Alan B. Whitehouse, MD | MD | University of Louisville |
| Surgery | Chris Carlson, MD | MD | |
| Surgery | Matthew Mondy, MD | MD | |
| Surgery | Dennis Jones, MD | MD | Medical College of Georgia |
| Surgery | Wendy Davis, MD | MD | University of Pittsburgh School of Medicine |
| Surgery | Kevin Cochran, MD | MD | |
| Surgery | Sharad Ghamande, MD | MD | |
| Surgery | Barry J. Jenkins, MD | MD | Medical University of South Carolina |
| Surgery | Christian Thomae, MD | MD | |
| Surgery | John Cheape, MD | MD | University of South Alabama Medical College |
| Surgery | Mallory Lawrence, MD | MD | Medical College of Georgia |
| Surgery | Vendie Hooks III, MD | MD | Medical College of Georgia |
| Surgery | Charles Coleman Jr., MD | MD | |

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| Surgery | Richard Sanett Jr., MD | MD | |
| Surgery | Prakash N. Maniam, MD | MD | |
| Surgery | R. Fred Mullins, MD | MD | |
| Surgery | Bruce Friedman, MD | MD | University of Miami School of Medicine |
| Surgery | Joseph R. Shaver, MD | MD | Georgetown University Medical School |
| Surgery | Jewell Duncan, MD | MD | |
| Surgery | Edward Crosland, MD | MD | |
| Surgery | Howard Cohen, MD | MD | Cornell University, New York |
| Emergency Medicine | Jimmy Peebles, MD | DO | West Virginia School of Osteopathic Medicine |
| Cardio/AM | Michael Holman, MD | MD | |
| Cardio/AM | William Wylie, MD | MD | Medical College of Georgia |

FLORIDA INTERNATIONAL UNIVERSITY, FLORIDA

| SPECIALTY | NAME | DEGREE CONFERRED | INSTITUTE CONFERRED BY |
|--------------------------------|-----------------------|------------------|---|
| Humanities, Health and Society | Gilda Baldwin, DHSc | DHSc | Nova Southeastern University, Ft. Lauderdale, Florida |
| Humanities, Health and Society | Luis Rene Cabrera, MD | MD | Instituto Tecnologico de Santo Domingo |
| Humanities, Health and Society | Jonathan Fox, DO | DO | College of Osteopathic Medicine, Des Moines, IA |
| Humanities, Health and Society | Gregory Fox, DO | DO | University of Osteopathic Medicine and Health Sciences, Des Moines, IA |
| Humanities, Health and Society | Kevin Fox, DO | DO | |
| Pathology | Eneida O. Roldan, MD | MD | |
| Radiology | David Graham, MD | MD | |
| Radiology | Manuel Perez, MD | MD | |
| Family Medicine | Robert Fernandez, DO | DO | |
| Medicine | Alberto Alea, MD | MD | |
| Medicine | Manuel Suarez, MD | MD | Universidad Central del Este School of Medicine |
| Medicine | Jeff Rich, DO, PA | DO, PA | |
| Medicine | Rogelio Zaldivar, MD | MD | |
| OB-GYN | David Agorvor, MD | MD | St. George's University |
| OB-GYN | Scott Dunkin, DO | DO | Des Moines University College of Osteopathic Medicine Des Moines, IA |
| OB-GYN | Susan Fox, DO | DO | |
| OB-GYN | Ramon Hechevarria, MD | MD | Universidad de Santiago |
| OB-GYN | Patricia Litts, MD | MD | Chicago Medical School |
| OB-GYN | Eric Runyon, DO, MPH | DO, MPH | Nova Southeastern University, College of Osteopathic Medicine Ft. Lauderdale, Florida |
| OB-GYN | Mark Spence, MD | MD | New York Medical College |
| Pathology | Raul Vila, MD | MD | |

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|----------------------------------|---------------------------|-----|---|
| Pediatrics | Maria V. Fernandez, MD | MD | |
| Psychiatry and Behavioral Health | Shlomo Pascal, MD | MD | |
| Psychiatry and Behavioral Health | Miguel Angel Perez, MD | MD | Instituto Tecnologico de Santo Domingo Dominican Republic |
| Psychiatry and Behavioral Health | Fernando Pino | | University of Zaragoza School of Medicine, Spain |
| Surgery | Jaime Carbonell, DPM | DPM | |
| Surgery | Candace Fox, MD | MD | |
| Surgery | Ronald Reis, MD | MD | Albany Medical College |
| Surgery | Juan A. Salazar, MD, FACS | MD | University of South Florida |
| OB-GYN | Frank Dolisi, MD | MD | SUNY Upstate Medical University |

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