

**Mitchell Scott Karl, M.D., F.A.C.C.**  
**880 NW 13<sup>th</sup> Street Boca Raton,**  
**Florida 33486 561-392-9214**

### **Current Titles and Affiliation**

Affiliate Clinical Professor of Cardiology September 2020- Present. Internal Medicine Residency Program Florida Atlantic University Charles E. Schmidt College of Medicine

Vice Chief of the Department of Cardiology November 2020- Present. Boca Raton Regional Hospital

### **Previous Academic and Professional Appointments**

Associate Professor of Cardiology 2018 – September 2020. Florida Atlantic University Charles E. Schmidt College of Medicine

Director of Cardiology Subspecialty Teaching Rotation July 2015 – September 2020 Internal Medicine Residency Program Florida Atlantic University Charles E. Schmidt College of Medicine

Board Question Writer, 2019- 2020, American College of Cardiology

Lieutenant-Commander, Medical Corps., United States Navy (Reserve). Commissioned May 2019- Honorably Discharged April 2021

Associate Professor of Biomedical Science 2014 – 2018 Florida Atlantic University Charles E. Schmidt College of Medicine

Clinical Associate Professor of Biomedical Science 2004 – 2014 Florida Atlantic University University of Miami School of Medicine

Clinical Associate Professor of Pharmacy Practice 2000 – 2002 Nova Southeastern University

Clinical Assistant Professor of Pharmacy Practice 1998 – 2000 Nova Southeastern University

## **Hospital Appointments**

Boca Raton Regional Hospital 1990 – present

## **Education**

Downstate Medical Center 1985 Brooklyn, New York M.D.

Emory University 1981 Atlanta, Georgia B.A. Psychology Summa Cum Lauda

Nova Southeastern University 2002 Davie, Florida Executive MBA Medical Management

## **Post Graduate Training**

Cardiology Fellowship 1988 – 1990 Montefiore Medical Center Bronx, New York

Internal Medicine Residency 1985 – 1988 Montefiore Medical Center Bronx, New York

## **Awards**

Teaching Faculty of the Year, Cardiology, 2019-2020. Florida Atlantic University

College of Medicine

Castle Connolly Regional Top Doctor 2012, 2013, 2014, 2015, 2016, 2017, 2018,  
2019, 2020, 2021

Davidoff Society Award 1988 Outstanding House staff Clinical Teaching  
Albert Einstein College of Medicine

M. Curtis Langhorn Award-Most Outstanding Undergraduate Research for the  
year 1980-1981. Emory University

Undergraduate Psi Chi National Honor Society in Psychology, 1980. Emory  
University

## **Board Certification**

Re-certification Cardiovascular Disease 2011

Re-certification Cardiovascular Disease 2001

Cardiovascular Disease 1992

American Board of Internal Medicine 1988

National Board of Medicine Examiners 1986

## **Medical Licensure**

State of Florida, License #50027 1987

State of New York, License #168263 1986

## **Research Experience**

Principal Investigator, Regeneron Antibody Cocktail on Hospitalized Patients with  
SARS-COV-2. August 2020- October 2021

Co-authoring and editing a textbook of Cardiology for internal medicine residents on  
cardiology rotation March 2020- Present

Examining the Utility of Transthoracic Echocardiography in Diagnosing Infective Endocarditis Florida Atlantic University Charles E. Schmidt College of Medicine  
Ongoing study with Drs. Cummings, Rane and Sule 2018

Observational Trial for Brain Natriuretic Peptide as a Marker for Acute Coronary Syndrome in Patients Presenting to the Emergency Room with Chest Pain. Ongoing study with Drs. Almerico, Bahga, Casale 2018

Utilities of ESTES Criteria vs. Voltage Criteria Alone for the Diagnosis of Left Ventricular Hypertrophy. Ongoing study with Drs. Casale and Hammami 2018

Author of study on Heart Rate Variability vs. Tilt Table Testing for the Diagnosis of Vasovagal Syncope. Accepted by Boca Raton Regional Hospital IRB Study ended because of bankruptcy of sponsor 2011

Transesophageal Echocardiography in the Assessment of Left Atrial Thrombosis and Embolic Risk Montefiore Hospital Albert Einstein College of Medicine 1989

Effects of Kainic Acid Infusions into the Lateral Hypothalamus on Behavioral Fragmentation (rat model) Emory University 1980 - 1981

## **Publications, Papers and Poster Presentation**

Cummings, Karl and Santini “The Utility of Fractional Flow Reserve In ACS Nonculprit Lesions” Awaiting publication in the European Heart Journal Acute Cardiovascular Care 2019

Awan, Karl, and Sanchez “Cardiovascular Effects of Cannabis (Marijuana) A Timely Update.” Accepted for publication in the Journal of Phytotherapy Research 2018

Awan, Karl, Manam, and Sidhu “Andersen-Tawil Syndrome: What to know and Expect.” Poster Presentation at Florida Atlantic University Charles E. Schmidt College of Medicine 2018

Benhayoun, Corbasson, Karl, and Santini “Diet and cardiovascular health what is the data?” Published in Annals of Clinical Nutrition 2018; 1:1005 2018

Khan, Karl, Durairaj, and Santini “Can’t Breathe: a case of the unilateral diaphragmatic paralysis post CABG” Published in Journal of Cardiology and Cardiovascular Sciences (2018) 2 (1):14-15 2018

Weinert-Stein, Karl, and Santini “The Evolution of Digoxin in Heart Failure and Atrial Fibrillation: An Update in Role, Dosing and Toxicity” Published in EC Pharmacology and Toxicology 4.4 (2017): 158-162. 2017

Nguyen, Karl, and Santini “Red Yeast Rice as Nutraceutical” Published in Foods 2017, 6, x;doi:10.3390/. 2017  
[www.mdpi.com/journal/foods](http://www.mdpi.com/journal/foods)

Gabala, Sabates, and Karl “Need for Anticoagulation in Takotsubo Cardiomyopathy” Presented 9/15/16, Future of Medicine Summit Palm Beach Medical Society

Katz, Martin, Karl, and Rudnick “Potentially Catastrophic Non-Response to Clopidogrel” Poster Presentation, Carmel, IN 2016

Karl, Rubenstein, Rudnick, and Bredja “A multicenter study of nutraceutical drinks for cholesterol (evaluation effectiveness and tolerability)”. Journal of Clinical Lipidology (2012) 6, 150-158. 2012

“Corrected Junctional Recovery Time in Prognosis of Narrow Complete Heart Block” Submitted for Publication PACE 1989

“Life Threatening Flecainide Toxicity” Annals of Internal Medicine, Letter to the Editor, Published 1985

## **Speaking Engagements**

Physician Education Programs:

Merck/Schering-Plough on behalf of Zetia, Zocor, Vytorin, and Cozaar/Hyzaar  
Forrest Labs on behalf of Benicar Astra Zeneca on behalf of Crestor

As Associate Professor at Florida Atlantic University School of Medicine

Lecturing to Year 3 Medical Students, Interns and Residents

Boca Raton Regional Hospital Medical Grand Rounds

Presentations:

Three-time lecturer in the past two years, each lecture awarding CME credits to professional attendees Perioperative Cardiovascular Evaluation and Management Congestive Heart Failure by Left Ventricular Function Cardiomyopathy