

Curriculum Vitae and Bibliography

Michael A. Edwards, MD

Personal Information

Citizenship: United States of America
Work Address: 4500 San Pablo Road S.
Jacksonville, FL 32224
904-953-2228
Email Address: Edwards.Michael@mayo.edu

Present Academic Rank and Position

Associate Professor of Surgery - Mayo Clinic College of Medicine and Science 12/01/2020 - Present
Consultant - Division of Advanced Gastroenterology and Bariatric Surgery, Department of Surgery, Mayo Clinic, Jacksonville, Florida 03/16/2022 - Present
Surgical Quality Subcommittee Chair - Mayo Clinic Florida, Jacksonville, Florida 01/2023 - Present

Education

Cornell University, Ithaca, New York - BA, Health and Society 08/1987 - 05/1991
George Washington University School of Medicine, Washington, District of Columbia - MD 08/1993 - 05/1998
George Washington University School of Medicine, Washington, District of Columbia - Residency, Surgery 07/1998 - 06/2004
Barnes-Jewish Hospital, Washington University School of Medicine, St. Louis, Missouri - Fellowship, Surgical Critical Care 07/2004 - 06/2005
Beth Israel Deaconess Medical Center, Harvard University, Boston, Massachusetts - Fellowship, Minimally Invasive Bariatric Surgery 07/2005 - 06/2006

Additional Education

Harvard Hidden Bias Test - Gender Career Implicit biases course 10/30/2020
My Learning Course, Jacksonville, Florida
Harvard Hidden Bias Test - Race Implicit bias training on race 10/30/2020
My Learning Course, Jacksonville, Florida

Certification

Board Certifications

American Board of Surgery

Added Qualifications in Surgical Critical Care/Surgical Critical Care 2006 - Present
Surgery 2016 - Present

Licensure

District of Columbia MD33714 (Inactive) (Medical) 2002
Missouri 2004007953 (Inactive) (Medical) 2004
Massachusetts 223815 (Inactive) (Medical) 2005
New York 272427 (Inactive) (Medical) 2013
Pennsylvania MD450548 (Medical) 2013 - Present
South Carolina 35307 (Inactive) (Medical) 2013

Georgia	57799 (Medical)	2016 - Present
Florida	ME136929 (Medical)	2018 - 2020

Honors and Awards

Hilda Drake Scholarship - George Washington University School of Medicine	1993
Horowitz Scholarship - George Washington University School of Medicine	1993
J.T. Tai Foundation Scholarship - George Washington University School of Medicine	1993
National Medical Scholarship - George Washington University School of Medicine	1993
Award for Outstanding Effort in Developing Skills Curriculum - Department of Surgery, Medical College of Georgia	2008
Diabetes and Obesity Discovery Institute Grant - Medical College of Georgia	2008
National Institutes of Health Loan Repayment Program - Medical College of Georgia	2009
National Institutes of Health Loan Repayment Program - Medical College of Georgia	2011
Castle Connolly List of Top Regional Doctors - Department of Surgery, Georgia Regents University	2013
Temple Physician Leadership Academy - Temple University Hospital	2015 - 2017
Top Doctors - Philadelphia Magazine	2018

Previous Professional Positions and Major Appointments

Instructor - Department of Surgery, Beth Israel Deaconess Medical Center, Boston, Massachusetts	07/2005 - 06/2006
Assistant Professor - Department of Surgery, Medical College of Georgia School of Medicine, Augusta, Georgia	08/2006 - 06/2009
Director - Virtual Education and Simulation Laboratory, Medical College of Georgia School of Medicine, Georgia Regents University, Augusta, Georgia	08/2006 - 06/2011
Attending Surgeon/Surgery Faculty - Department of Surgery, Veterans Affairs Medical Center, Augusta, Georgia	08/2006 - 06/2012
Attending Surgeon/Surgery Faculty - Georgia Regents University Medical Center	08/2006 - 03/2013
Medical Director - Adrenal Health Services, Georgia Regents Medical Center	08/2008 - 09/2013
Associate Professor - Department of Surgery, Medical College of Georgia School of Medicine, Augusta, Georgia	07/2009 - 03/2014
Chief - Minimally Invasive and Digestive Diseases Surgery Division, Medical College of Georgia School of Medicine, Georgia Regents University, Augusta, Georgia	01/2011 - 09/2013
Medical Director - Weight Loss Center, Georgia Regents Medical Center	01/2011 - 09/2013
Associate Director - George Regents Digestive Health Center, Georgia Regents Medical Center	01/2012 - 01/2013
Chief - General and Minimally Invasive Surgery, Temple University Hospital, Philadelphia, Pennsylvania	04/2014 - 03/2017
Chief - General, Minimally Invasive and Bariatric Surgery Division, Lewis Katz School of Medicine, Temple University, Philadelphia, Pennsylvania	04/2014 - 03/2017
Attending Surgeon/Surgery Faculty - Temple University Hospital	04/2014 - 02/2018
Champion - MBSQIP, Jeanes Hospital	04/2014 - 06/2018
Director - Metabolic and Bariatric Surgery Program, Jeanes Hospital	04/2014 - 06/2018

Director - Metabolic and Bariatric Surgery Program, Temple University Hospital, Philadelphia, Pennsylvania	04/2014 - 06/2018
Attending Surgeon/Surgery Faculty - Jeanes Hospital	04/2014 - 06/2018
Associate Professor - Department of Surgery, Lewis Katz School of Medicine, Philadelphia, Pennsylvania	04/2014 - 02/2019
Clerkship Director - Department of Surgery, Physician Assistant Program, Lewis Katz School of Medicine, Temple University, Philadelphia, Pennsylvania	01/2017 - 02/2019
Director - Office of Health Equity, Diversity and Inclusion, Pipeline Programs, Lewis Katz School of Medicine, Temple University, Philadelphia, Pennsylvania	07/2018 - 02/2019
Senior Associate Consultant - Division of General Surgery, Department of Surgery, Mayo Clinic, Jacksonville, Florida	03/11/2019 - 03/15/2022
Department Diversity Leader - Mayo Clinic Florida, Jacksonville, Florida Appointed as Department Diversity Leader by Department of Surgery Chairperson. Responsible to developing departmental strategies and initiatives aligned with enterprise and site EID pillars, including increasing staff diversity, increasing diversity in leadership, creating a more inclusive work environment, increasing patient diversity, providing culturally competent care and research focused on health inequity and disparity. Development several initiatives to address these EID pillars for our department: 1. Develop a Department of Surgery EID Task Force made up of representative members across department. Serve as Task Force Chair. The TF is tasked with developing and implementing EID initiatives for the DOS. Created several EID lead roles in the Task Force to facilitate our strategies, including leads for EID Education, Recruitment, EID Best Practice, EID Metrics and Community Engagement 2. Created and administered Department of Surgery-specific Climate Survey. Data used to guide DOS EID strategies 3. Developed and implemented Cultural Complications Curriculum focusing on stereotype threat, implicit bias, microaggression, gender schema and representation. This is an interdisciplinary EID education curriculum with participants from the Department of Surgery and Department of Anesthesia and Perioperative Medicine 3. Develop communication outreach teams to participate in community volunteerism and team building activities	11/2019 - 12/31/2022
Surgical Quality Subcommittee - Mayo Clinic Florida, Jacksonville, Florida Vice-Chair	01/2020 - 12/31/2022

Service

Community Memberships and Services

Agape Family Health Volunteer Team Member	08/07/2021
High School Panel Member	10/30/2015 - 10/2015
Speaker	11/09/2016
Impact Church First Response Team Member	02/2020 - Present
St Stephen's AME Church, Jacksonville, FL Panel Member	04/29/2021
Temple University School of Medicine Panel Member	11/2016
Panel Member	12/2016

Professional Memberships and Societies

Professional Memberships and Services

American College of Surgeons Member	1999 - Present
Fellow	2009 - Present

Moderator and Faculty	07/15/2022
American Hernia Society	
Grants Review Committee Member	12/11/2022 - Present
American Medical Association	
Member	2003 - Present
American Society for Metabolic & Bariatric Surgery	
Moderator	05/30/2023
American Society for Metabolic and Bariatric Surgery	
Essential Course Committee Member	2006
Member	2007 - Present
Committee Member	01/2013 - 12/2016
Fellow	2016 - Present
Committee member, Quality, Cost and Patient Safety Committee	01/2017 - Present
Committee on Health Equity, Diversity and Inclusion	11/2017 - Present
Scientific Session Chair	01/30/2021
Co-Chair	07/01/2021 - 06/30/2023
Co- Director	01/21/2022
Member of Task Team	02/2022 - Present
Chair	07/01/2023 - Present
American Society of Metabolic and Bariatric Surgery	
Moderator and Co-Director	06/07/2022
Moderator and Co-Director	06/26/2023 - 06/30/2023
Association for Surgical Education	
Committee Member	01/01/2005 - 12/31/2015
Florida Chapter of the American College of Surgeons	
Member	07/2019 - Present
Florida Puerto Rico & The Caribbean American Society for Metabolic and Bariatric Surgery Chapter	
Region 1 Liason	07/2020 - Present
Member	07/2020 - Present
Member at Large	01/2021 - Present
Nomination Committee member	01/2021 - Present
Chair, membership committee	01/27/2021 - 12/31/2022
National Institutes of Health	
National Institute of Diabetes and Digestive and Kidney Diseases	
Network of Minority Research Investigators	
Member	2008 - Present
National Medical Association	
Member	2005 - Present
North East Florida Medical Society	
Member	02/2020 - Present
Society for Advanced Gastrointestinal Endoscopic Surgery	
Member, Development Committee	07/29/2020 - Present
Member, Hernia Committee	07/29/2020 - Present
Member, Publications Committee	07/29/2020 - Present
Member, Program Committee	07/29/2020 - Present
Abstract Reviewer	12/02/2020 - 12/09/2020
Abstract Reviewer	10/17/2021 - 10/23/2021

Society for Black Academic Surgeons	
Member	2014 - Present
Abstract Reviewer	2017 - Present
Abstract Reviewer	2018 - Present
Abstract Reviewer	2019 - Present
Society for Critical Care Medicine	
Member	2003 - 12/31/2016
Society for Surgery of the Alimentary Tract	
Moderator	05/19/2019 - Present
Society for Surgery of the Alimentary Tract	
Member	2008 - Present
Panelist	03/07/2022
Society of American Gastrointestinal and Endoscopic Surgeons	
Co-Chair	2011 - 2012
Committee Member	01/2011 - 12/2015
Committee Member	01/2011 - 12/2015
Abstract Reviewer for Annual Meeting	2012 - Present
Abstract Reviewer for Annual Meeting	2013 - Present
Abstract Reviewer for Annual Meeting	2014 - Present
Co-Chair	01/2017 - 12/2018
Committee Member	01/01/2017 - 12/31/2019
Committee Member	01/01/2017 - 12/31/2019
Abstract Reviewer for Annual Meeting	2019 - Present
Abstract Reviewer for Annual Meeting	10/15/2022 - 11/01/2022
Abstract Reviewer for Annual Meeting	10/17/2022 - 10/21/2022
Society of American Gastrointestinal Endoscopic Surgeons (SAGES)	
Member	2005 - Present
Society of Black Academic Surgeons	
Abstract Reviewer	2016 - Present
Committee Member	07/01/2016 - Present
Committee Member	07/01/2016 - Present
2017 Annual Meeting Program Committee Member	2017 - Present
2018 Annual Meeting Programming Committee, Member	2018 - Present
2019 Annual Meeting Programming Committee, Member	2019 - Present
Reviewer	06/02/2022 - 06/15/2022
Chair - Membership Committee	10/01/2022 - Present
Executive Board Member	10/01/2022 - Present
Executive Council Member	09/30/2023 - Present
Southeastern Surgical Congress	
Research Committee	06/2020 - Present
Moderator - Scientific Abstracts	02/14/2023
The Association for Surgical Education	
Member	2007 - Present
The Southeastern Surgical Congress	
Fellow	2007 - Present

Journal Responsibilities

Journal Editorial Responsibilities

Journal of Laparoscopic and Endoscopic Surgery

Editorial Board Member	10/01/2022 - 09/30/2024
Surgery for Obesity and Related Diseases	
Editorial Board Member	08/2022 - Present
Journal Other Responsibilities	
American Journal of Surgery	
Invited Peer Reviewer	07/2017 - Present
Annals of Medicine and Surgery	
Invited Peer Reviewer	07/2015 - Present
BJM Open Diabetes Research & Care	
Reviewer	07/2018 - Present
Canadian Journal of Surgery	
Reviewer	2012 - Present
International Journal of Surgical Case Reports	
Reviewer	2015 - Present
Journal of Gastrointestinal Surgery	
Reviewer	07/2017 - Present
Obesity Surgery	
Invited Peer Reviewer (Invited peer reviewer)	08/2020 - Present
Plos One	
Reviewer	2015 - Present
Surgery for Obesity and Related Diseases	
Invited Expert Reviewer	05/2020 - Present
Surgical Endoscopy	
Reviewer	2006 - Present
The American Surgeon	
Invited Reviewer	04/2020 - Present

Education Interests and Accomplishments

Curriculum and Course Development

General Surgery Resident Skills Curriculum Developed and implemented PGY-level specific skills curriculum for General Surgery Residents, utilizing partial task trainers, endoscopic simulators, cadaver and porcine labs Department of Surgery, Georgia Regents Medical Center, Medical College of Georgia	08/2006 - 06/30/2011
General surgery resident robotic curriculum Development and implementation of general surgery resident robotic curriculum Development and implementation of general surgery resident robotic curriculum Jacksonville, Florida	09/14/2019 - 06/30/2021
Cultural Complications Curriculum As Chair of Department of Surgery Equity, Inclusion and Diversity (EID) Task Force, worked with EID leads and department of Anesthesia colleagues at MCF to develop an interdisciplinary Cultural Complications Curriculum, focused on provided education and facilitating discussion on EID topics and developing strategies for improvement. The 2021-2022 academic year curriculum included the following education and discussion modules: 1. Stereotype threats and impact, September 20, 2021 2. Implicit bias and microaggression, December 6, 2021 3. Gender schema 4. Representation Department of Surgery and Department of Anesthesia and Perioperative Medicine Grand Rounds, MCF	09/20/2021 - 06/30/2022

Teaching

General Surgery Mock Orals Department of Surgery Georgia Regents University Augusta, Georgia	2006 - 2007
General Surgical Skills Curriculum Department of Surgery Georgia Regents University Augusta, Georgia	2006 - 2011
General and MIS Surgery Department of Surgery Georgia Regents University Augusta, Georgia	2006 - 03/2014
MS-3 Student Clerkship Department of Surgery Georgia Regents University Augusta, Georgia	2006 - 03/2014
MS-4 Sub Internship Department of Surgery Georgia Regents University Augusta, Georgia	2006 - 03/2014
Surgery Section Preoperative Conference Department of Surgery Georgia Regents University Augusta, Georgia	2011 - 2013
Obesity Surgery Complications for the Emergency Physician Department of Emergency Medicine Grand Rounds Georgia Regents University Augusta, Georgia	08/2013
Obesity Cost and Bariatric Surgery Cost-Effectiveness Department of Surgery Grand Rounds Georgia Regents University Augusta, Georgia	08/2013
General, Minimally Invasive, and Bariatric Surgery Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	04/2014 - 02/2019
Weight Loss Surgery, Mechanisms, and Outcomes Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	06/2014
Weight Loss Surgery, Mechanisms and Outcomes Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	06/2014
MS-3 Student Surgery Clerkship Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014 - 02/2019
MS-3 Surgery Mid-Rotation 360 Feedback General, MIS and Bariatric Surgery Division Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014 - 02/2019
MS-4 Surgery Mid-Rotation 360 Feedback General, MIS and Bariatric Surgery Division Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014 - 02/2019

MS-3 End Of Rotation One-45 Evaluation General, MIS and Bariatric Surgery Division Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014 - 02/2019
MS-4 End Of Rotation One-45 Evaluation General, MIS and Bariatric Surgery Division Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014 - 02/2019
General, MIS and Bariatric Division Resident End of One Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014 - 02/2019
Weight Loss Surgery, Mechanisms and Outcomes Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014
Complications After Bariatric Surgery Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2014
NASH and Obesity Journal Club Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	09/2014
Shock, Definition, Evaluation Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	11/2014
Gallstone Disease, Complications and Treatment Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	11/2014
Obesity Surgery Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	11/2014
Endomechanicals, Energy Devices, Laparoscopic Suturing Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	12/2014
Endomechanicals, Energy Devices, Laparoscopic Suturing Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	12/2014
Path to Medical School, 2nd Look SOM Applicants Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	03/2015
Biliary Disease, Presentation, Evaluation and Treatment Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	04/2015
Laparoscopic Suturing Principles and Practice Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	08/2015

Laparoscopic Porcine Labs Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	10/2015
Sepsis Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	11/2015
Laparoscopic Suturing Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	11/2015
Small Bowel Obstruction Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	11/2015
Laparoscopic Porcine Labs Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	02/2016
Bariatric Surgery Options, Mechanisms and Outcomes Surgery Clerkship Student Lectures Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	03/2016
Basic Laparoscopic and Endoscopic Skills Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	12/2016
Essentials of Surgery Lecture Metabolic and Bariatric Surgery PA Student Lectures/PA Program Activities Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	06/2017
Obesity, Metabolic and Bariatric Surgery PA Student Surgery Didactic Lewis Katz School of Medicine	06/2017
OSCE Standardized Patient History and Physical PA Student Lectures/PA Program Activities Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	07/2017
PA Student End Of Rotation One-45 Evaluation PA Student Lectures/PA Program Activities Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	08/2017 - 01/2019
PA Student Surgery Mid-Rotation Feedback PA Student Lectures/PA Program Activities Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	08/2017 - 01/2019
Basic Skills Instruction and Assessment Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	09/2017
Philadelphia Surgery Mock Orals Resident Lectures Skills Lab Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	09/2017
Score Curriculum Benign Stomach, Obesity, Stress Ulcer, and Gastroparesis	09/2017

Richie Resident Conference Lewis Katz School of Medicine at Temple University Philadelphia, Pennsylvania	
Ventral hernia presentation General surgery resident education conference Resident education conference Jacksonville, Florida	07/03/2019
General Surgery Robotics Curriculum Directed course on DaVinci Xi System In-service for PGY 1-3 general surgery residents. Course objectives included: 1)providing a comprehensive in-service on all components of the Xi DaVinci robotic systems; 2) Understanding the principles of safe and effective docking, port positioning, instrument exchange, use of energy sources; 3) provide a basic understanding the function keys of the robotic patient cart and surgeon console; and 4) managing faults during robotic surgery Xi DaVinci robot in-service Jacksonville, Florida	09/14/2019
Ileostomy and blind loop syndrome General surgery resident education conference Resident education conference Jacksonville, Florida	09/18/2019
Mesenteric ischemia and small bowel neoplasm General Surgery Resident Education Conference Resident education conference Jacksonville, Florida	09/25/2019
Bariatric surgery and complex hernias Nurses core education day presentation 8 South Nurses Core Education Day	10/16/2019
Bariatric surgery and complex hernias Nurses core education day presentation 8 South Nurses Core Education Day Jacksonville, Florida	10/23/2019
Exploring racial disparities in metabolic and bariatric surgery outcomes Surgery Grand Rounds Jacksonville, Florida	11/25/2019
General Surgery Robotics Curriculum: Dry Lab 1 Direct course on DaVinci Xi System Dry Lab #1 for PGY-1 General Surgery Residents. Course objectives included 1) providing a comprehensive in-service on all components of the DaVinci robotic system; 2) Understanding the principles of safe and effective docking, instrument change, use of energy sources; 3) provide a basic understanding the function keys of the robotic patient cart and surgeon console Xi DaVinci robot in-service Jacksonville, Florida	07/25/2020
Small Group Facilitator, MCASOM Diversity, Equity, Inclusion and Anti-Racism Curriculum Facilitated small group discussion on microaggressionisms with MCASOM first and second year students as part of MCASOM DEI and Anti-Racism Curriculum MCASOM Jacksonville, Florida	08/26/2020
General Surgery Robotics Curriculum: Dry Lab 2 Robotics Dry Lab 2 for PGY-1 and 2 General Surgery Residents, GYN Fellow and Medical Students. Dry lab using partial task trainers and DaVinci Xi system. Course objectives included 1) recognizing and managing errors during robotic surgery; 2) understanding the principles of safe and efficient advanced suturing techniques using the DaVinci robotic system. Troubleshooting during robotic surgery. Basic and advanced robotic suturing Jacksonville, Florida	09/19/2020

Complex abdominal wall incisional hernia management: The evolving role of robotic-assisted retro-muscular repair techniques MCF Department of Surgery Grand Rounds MCF DOS Jacksonville, Florida	09/21/2020
Small Group Facilitator, MCASOM Diversity, Equity, Inclusion and Anti-Racism Curriculum Facilitated small group discussion focusing on religion, tolerance, gender equity, mutual respect, cultural agility for LGBT people, cultural awareness and microaggression, with MCASOM second year students as part of MCASOM DEI and Anti-Racism Curriculum MCASOM Jacksonville, Florida	09/29/2020
Small Intestinal obstruction, lysis of adhesions, enterocutaneous fistula and radiation enteritis management General Surgery Resident Education Conference Resident education conference Jacksonville, Florida	10/07/2020
Bariatric Surgery Update Review of current trends and outcomes in metabolic and bariatric, and endoscopic bariatric procedures Mayo Clinic Florida, Medical Grand Rounds Jacksonville, Florida	11/04/2020
Diversity in General Surgery Webinar presentation on the state of, barriers to and strategies for improving diversity in General Surgery Mayo Clinic Florida Webinar Presentation Jacksonville, Florida	11/04/2020
General Surgery Robotics Curriculum: Dry Lab 3 Directed course on Robotic hand-sewn bowel anastomotic techniques for PGY-3 and PGY-4 General Surgery Residents. Course objectives included: 1) demonstration of safe and efficient port placement and docking techniques; 2) demonstration of the principles of safe and efficient advanced suturing techniques using the DaVinci robotic system and 3) demonstrate technique creation of a bowel anastomosis using the robotic system, including safe tissue handling, appropriate ergonomics and advance suturing techniques. Hand-sewn anastomotic techniques Jacksonville, Florida	12/05/2020
Small Group Facilitator, MCSHS Diversity, Equity, Inclusion and Anti-Racism Curriculum Facilitated small group discussion focusing on microaggression, implicit bias, stereotype threat and systemic racism with MCSHS students as part of MCSHS DEI and Anti-Racism Curriculum MCSHS Jacksonville, Florida	03/11/2021
Small Group Facilitator, MCSHS Diversity, Equity, Inclusion and Anti-Racism Curriculum Facilitated small group discussion focusing on microaggression, implicit bias, stereotype threat and systemic racism with MCSHS students as part of MCSHS DEI and Anti-Racism Curriculum MCSHS Jacksonville, Florida	04/07/2021
Small Group Facilitator, MCSHS Diversity, Equity, Inclusion and Anti-Racism Curriculum Facilitated small group discussion focusing on microaggression, implicit bias, stereotype threat and systemic racism with MCSHS students as part of MCSHS DEI and Anti-Racism Curriculum MCSHS Jacksonville, Florida	05/11/2021

Risk adjusted VTE prophylaxis: practice patterns, outcomes and opportunities Grand Rounds Presentation MCF, Department of Surgery Jacksonville, Florida	07/12/2021
Cultural complications curriculum Module 1: Stereotype threats and impact Interdisciplinary education session between Department of Surgery and Department of Anesthesia and Perioperative Medicine. Interdisciplinary presentation and discussion with over 100 participants on stereotype threats and the potential impact on patients, staff, providers and enterprise, as well as a discussion of strategies to overcoming stereotype threats, improving inclusivity and our culture of safety. Cultural Complications Curriculum Jacksonville, Florida	09/20/2021
Optimizing VTE prophylaxis practice patterns in elective surgery: an enterprise-wide initiative Presentation on VTE risk and outcomes in surgical patients and VTE prevention quality initiative focused on automation of risk stratification, used of standardized VTE prevention orders and opt-out options, and VTE prevention CarePath using best practice alerts Grand Rounds, Department of Anesthesia and Perioperative Medicine, Mayo Clinic Florida Jacksonville, Florida	11/08/2021
Cultural complications curriculum Module 2: Implicit bias and microaggression Interdisciplinary education session between Department of Surgery and Department of Anesthesia and Perioperative Medicine. Interdisciplinary presentation and discussion with over 100 participants on implicit bias and microaggression, including potential impacts on patients, staff, providers and enterprise, as well as a discussion of strategies to overcoming implicit bias and microaggression, achieving our goal of an environment that is more inclusive and. Cultural Complications Curriculum Jacksonville, Florida	12/06/2021
Cultural complications curriculum Module 3: Gender schema Interdisciplinary education session between Department of Surgery and Department of Anesthesia and Perioperative Medicine. Interdisciplinary presentation and discussion with over 100 participants on gender schema, including potential impacts on patients, staff, providers and enterprise, as well as a discussion of strategies to overcoming biases associated with our thinking about traditional and non-traditional gender schema. Cultural Complications Curriculum Jacksonville, Florida	03/07/2022
General Surgery Mock Orals Examination Examiner in General Surgery Mock Oral Examination of Senior Residents at Mayo Clinic Florida and University of Florida General Surgery Residency Programs Mock Orals MCF	05/13/2022
Cultural complications curriculum Module 4: Representation Interdisciplinary education session between Department of Surgery and Department of Anesthesia and Perioperative Medicine. Interdisciplinary presentation and discussion with over 100 participants on gender (including transgender) and racial/ethnic representation in the published literature and in our healthcare workforce, and impact on outcomes, including maternal and infant mortality. Discussion of case studies focusing on patient-provider discordance and strategies to mitigate. Cultural Complications Curriculum Jacksonville, Florida	06/13/2022
General Surgery Resident Robotic Curriculum: Intuitive Robotic Hernia Lab Didactic discussion and laboratory instruction on robotic hernia repair Mayo Clinic Jacksonville Simulation lab	04/05/2023
General Surgery Resident Robotic Curriculum: Intuitive Robotic Bariatric Lab	04/06/2023

Didactic discussion and laboratory instruction on robotic bariatric surgery including sleeve gastrectomy and gastric bypass
Mayo Clinic Jacksonville Simulation lab
Jacksonville, Florida

Management of ileostomy complications, meckel's diverticulum, small bowel intestinal overgrowth and small bowel tumors
General Surgery Resident Education Conference
Resident education conference
Jacksonville, Florida 09/20/2023

Skin and soft tissue infections
General Surgery Resident Education Conference
Resident education conference
Jacksonville, Florida 12/06/2023

Mentorship

Ellison, Tambrea (MD) 07/2006 - 06/2007

Description:

Current Status: Physical Medicine and Rehabilitation Physician at Piedmont Henry Hospital in GA

Outcome: Dr. Ellison was a medical student mentee at the Medical College of Georgia. I provided career counseling and support for application of residency in Internal Medicine. She matched for Internal Medicine at Greenville Hospital System. She has since completed a Fellowship in Pain Management and Physical Medicine and Rehabilitation. She is a Physical Medicine and Rehabilitation Physician at Piedmont Henry Hospital in GA

Hoddeson Katz, Elizabeth (MD) 07/2006 - 06/2007

Description:

Current Status: Otolaryngologist, Athens, GA

Outcome: Dr. Hoddeson was medical student advisee in 2006-2007. I provided career advice and supported her application for ENT Residency. She ultimately matched at Emory, where she excelled and is now a practicing Otolaryngologist in Athens, GA

Robati, Roshanak (MD) 07/2006 - 06/2007

Description:

Current Status: Cardiologist, Richmond VA

Outcome: Completed her Internal Medicine Residency and Virginia Commonwealth University Health Dr. Robati was medical student mentee in 2006-2007. I provided career guidance and supported her application for Residency in Internal Medicine. She ultimately matched in Internal Medicine at Virginia Commonwealth University Health System, followed by Cardiology Fellowship at Vanderbilt. She is now a practicing Cardiologist at VCU Medical Center

Singh, Jasleen (MD) 07/2006 - 06/2007

Description:

Current Status: Pediatric Ophthalmologist, University of Colorado School of Medicine

Outcome: Dr. Singh was a medical student advisee in 2006-2007. I provided career guidance and support her Residency application with a letter of recommendation. She matched in transitional year at the University of Colorado and completed her Ophthalmology Residency at Northwestern. She is now a successful academic Pediatric Ophthalmologist at the University of Colorado SOM.

Hardy, David (MD) 09/2006 - Present

Description:

Current Status: Vascular Surgeon at the Cleveland Clinic

Outcome: I've had the pleasure of been a mentor to Dr. Hardy for many years, starting with his last year as a Medical Student at MCG, into and through his General Surgery Residency training with us at MCG, through his Vascular Fellowship, to his return as a Vascular Surgeon, and eventually into his current role as a Vascular Surgeon at Cleveland Clinic in OH. We have published together. We have had many detailed discussions about career choice, options, paths. He last sought advice about whether to pursue the opportunity in Cleveland.

- Bolduc, Aaron (Junior Faculty) 07/2008 - 06/2009
Description:
Current Status: General Surgeon, Aiken, SC Minimally Invasive Surgeon, Augusta University Health System
Outcome: Dr. Bolduc was a General Surgery Resident advisee. We collaborated on research projects and facilitated his interest in Minimally Invasive Surgery. He has since completed his MIS Fellowship and returned to his training institution as a faculty.
- Coates, Donneshia (MD) 07/2008 - 06/2009
Description:
Current Status: Internal Medicine Physician, Tarboro, NC
Outcome: Dr. Coates was a student advisee at the Medical College of Georgia. She sought career guidance and support for her Internal Medicine Residency application. She successfully matched at Pitt County Memorial Hospital, and is now a practicing IM physician in North Carolina.
- Prohaska, Matthew (MD) 07/2008 - 06/2009
Description:
Current Status: Orthopedic Surgeon, St. Johnsbury, VT
Outcome: Dr. Prohaska was a medical student advisee and research mentee. His research focused on the development of an adrenal database. As a student advisee, I provided career guidance and supported his application for Residency in Orthopedic Surgery. He matched at Dartmouth, which is successfully completed, and is now a practicing Orthopedic Surgeon.
- Mott, Adrienne (MD) 07/2009 - 06/2010
Description:
Current Status: Assistant Professor, General Pediatrics, University of Florida, Gainesville
Outcome: Dr. Mott was a medical student advisee. After rotating on Surgery with me, she sought my support as a mentor for career advice and supporting her application for Residency. She pursued Residency in Pediatrics. She has since completed her training at UF and is now a faculty member at UF, Gainesville.
- Fasusi, Sola (MD) 07/2009 - 06/2011
Description:
Current Status: Plastic Surgeon, Mia Aesthetics Advanced Cosmetic Surgery
Outcome: Dr. Fasusi was a General Surgery Resident mentee. We collaborated on research projects. Over his tenure in our Residency Program at MCG, we met frequently for career advice, planning and strategies around increasing his competitiveness for Fellowship. He has since completed his Plastic Surgery Fellowship at University of California, Davis. He is now a practicing Plastic Surgeon at Mia Aesthetics in Miami, FL
- Aldridge, Beau (MD) 07/2010 - 06/2011
Description:
Current Status: General Surgeon, Pensacola, FL
Outcome: Dr. Aldridge was a medical student mentee. We collaborated on research projects. I provided career guidance and supported his application General Surgery Residency. He subsequently matched and completed his Residency at the University of Cincinnati. He is currently a practicing surgeon with Baptist Health in Pensacola, FL.
- Reynolds, Jessica (MD) 07/2010 - 06/2011
Description:
Current Status: Assistant Professor, University of Kentucky. Acute Care and Critical Care Surgeon
Outcome: Dr. Reynolds was a medical student mentee. Our mentor-mentee relationship consisted of research collaboration and career advice. We had a joint abstract presentation at the Southeastern Surgical Congress. I supported for application for General Surgery Residency. She matched and successfully completed her Residency, followed by a Acute Care Surgery Fellowship at the University of Tennessee College of Medicine. She is now a faculty member at the University of Kentucky.

Sharpe, Marlon Lee (MD)

07/2011 - 06/2012

Description:

Current Status: Primary Care Physician, University Primary Care, North Augusta, GA

Outcome: Dr. Sharpe was medical student mentee at the Medical College of Georgia. My primary role was providing career advice and facilitating his application for Residency. He ultimately matched in General Surgery at Spartanburg Regional Healthcare. He has since pursued and completed Residency in Family Medicine, and is now practicing in North Augusta, GA

Tyler, Kevin (MD)

07/2011 - 06/2012

Description:

Current Status: Acute Care and Surgical Critical Care Fellow, University of Alabama

Outcome: Dr. Tyler was a medical student mentee. He joined me as a Dean Summer Research Student, working on our adrenal database. During the 2011-2012 academic year, he continue to work on our research collaboration. We also collaborated on career advice and planning. He eventually completed medical school at MCG, went to complete a surgery residency at the Medical University of South Carolina. He will be completing his Acute Care Surgery Fellowship at UAB in 2020.

Lee, Chad (MD)

07/2011 - 06/2013

Description:

Current Status: Anesthesiologist and Pain Management Specialist, Lawrenceville, GA

Outcome: Dr. Lee was a medical student mentee at the Medical College of Georgia. I provided career advice. We met several times during the 2011-2012 academic year, as well as the 2012-2013 academic year. He was uncertain about surgery. He ultimately matched and completed a preliminary Surgery Internship at University of Colorado. He has since pursued and complete Anesthesiology Residency at University of Illinois in Chicago, followed by a Pain Fellowship at Mt Sinai/St Vincent Hospital in New York. He is now a practicing Pain Management Specialist in Lawrenceville, GA.

Cripps, Courtney (MD)

07/2011 - 06/2014

Description:

Current Status: Plastic Surgery Resident, PGY-4, Hansjörg Wyss Department of Plastic Surgery at NYU Langone

Outcome: Dr. Cripps was a medical student mentee at the Medical College of Georgia. We focused on career advice and planning, including regular meetings to discuss MS4 curriculum, Sub-Internships to pursue, Timing of Sub-Internships and the support the her General Surgery Residency application process. She also collaborated on research endeavors. Dr. Cripps ultimate matched in General Surgery Residency at Northwell Health Lenox Hill Hospital in New York. She is currently a Plastic Surgery Resident at the Hansjörg Wyss Department of Plastic Surgery at NYU Langone.

Mullenbach, Benjamin (MD)

07/2011 - 06/2014

Description:

Current Status: Radiologist, Augusta, GA

Outcome: Dr. Mullenbach was a medical student mentee at the Medical College of Georgia. We collaborated on research projects and co-published together. Over the course of two years, we had numerous meetings to review in 4th curriculum, strategize about Sub-Internships and the application process for Residency. While he would have been a great addition to our field, he ultimately chose Radiology, matching and completing his Residency training at the University of Alabama. He is currently a practicing Radiologist in Augusta, GA.

Ford, Benjamin (MD)

07/2012 - 06/2013

Description:

Current Status: General Surgeon, Charleston, SC

Outcome: Dr. Ford was a medical student mentee. After rotating with our MIS group, he sought career development advice and support for his application for General Surgery Residency. He matched and successfully completed his Surgery

Residency, and is not a practicing General Surgeon in South Carolina.

Holley, Jacob (MD)

07/2012 - 06/2013

Description:

Current Status: General Surgeon, Donalsonville, GA

Outcome: Dr. Holley was a medical student mentee at the Medical College of Georgia. I provided counseling on career choice, preparedness and facilitated his application for General Surgery Residency. He matched and completed his Residency at Spartan Regional Hospital. He is now a practicing General Surgeon Donalsonville Hospital in Georgia.

Goldberg, Michael (Resident)

05/2014 - Present

Description:

Current Status: Minimally Invasive and Bariatric Surgeon, Philadelphia

Outcome: Dr. Goldberg was my Resident advisee at Temple University Hospital. I provided career advice, provided insight for his MIS Fellowship application, resulting in a successful match at the Brigham and Women's Hospital. He is now a successful Minimally Invasive Surgeon in Philadelphia

Zheng, Hui (Medical Student)

06/2014 - Present

Description:

Current Status: General Surgery Resident, Washington Hospital Center

Outcome: Mentored Dr. Zheng over his 4 years in medical school. We worked on several research projects resulting in several national presentations. Our mentor-mentee relationship focused on research development and career development.

Nichols, Jennipher (Medical Student)

11/2014 - Present

Description:

Current Status: Emergency Medicine Resident, University of Maryland

Outcome: Summer research student.

Klein, Jonah (Medical Student)

04/2015 - Present

Description:

Current Status: General Surgery Resident, Lanckenau Medical Center

Outcome: I was a research mentor to Dr. Klein. Our primary research project looked at leaks following sleeve gastrectomy. I also mentored him through the General Surgery Residency application process, resulting in a successful match.

Adkisson, Christian (Medical Student)

06/2015 - Present

Description:

Current Status: General Surgery Resident, Albert Einstein-Montefiore Medical Center

Outcome: Dr. Adkisson was a research mentee. We worked on several projects that resulted in national presentations. I provide career advice during his clinical years, resulting in successful matching in General Surgery

Commey, Ransford (Resident)

11/2016 - Present

Description:

Current Status: Bariatric Surgeon, Mohawk Valley Health System

Outcome: Dr. Commey was my Resident advisee at Temple University Hospital. Our mentor-mentee relationship focused on clinical development, fellow competitiveness and preparedness. He ultimately match for his Bariatric Fellowship at St Alexius Hospital in St. Louis, and is now a successful practicing Bariatric Surgeon

Mazzei, Michael (Surgery Resident)

01/2017 - Present

Description:

Current Status: Trauma, Critical and Acute Surgery Fellow at University of Pittsburg, 2021

Outcome: Serve as clinical faculty to Dr. Mazzei. Provided research and career development mentoring throughout the majority of his surgical training. Collaborated on multiple research projects that has resulted in numerous national presentations and peer reviewed publications as first or co-author, including: 1. Edwin Acevedo, Xiaoning Lu, Huaqing Zhao, Michael Mazzei, Shravan Sarvepalli, and Michael A. Edwards.* Outcomes in racial minorities after robotic Roux-en-Y gastric bypass and sleeve gastrectomy: A retrospective review of the MBSAQIP database. Surg Obes Relat Dis. doi: 10.1016/j.soard.2020.10.019. Online ahead of print. PMID: 33257274

2. Michael Mazzei and Michael A. Edwards.* The impact of glycemic control on bariatric surgical outcomes in diabetic patients: an MBSAQIP analysis. *Surg Obes Relat Dis.* 3. Michael A. Edwards,* Shravan Sarvepalli, Michael Mazzei, Edwin Acevedo, Jr., Xiaoning Lu and Huaqing Zhao. Outcomes in racial cohorts undergoing robotic-assisted revisional metabolic and bariatric surgery: an MBSAQIP matched analysis. *Surg Obes Relat Dis.* 2020 Dec;16(12):1929-1937 4. Shravan Sarvepalli, Michael Mazzei and Michael A. Edwards.* Variations in bariatric surgical practice patterns between general and minimally invasive surgeons. A matched analysis of the 2017 MBSAQIP database. *Surg Obes Relat Dis.* 2020 Dec;16(12):2038-2049. PMID: 32826186 5. Michael A. Edwards,* Alexander M. Fagenson, Michael Mazzei and Huaqing Zhao. Bariatric Surgery in Prior Solid Organ Transplantation Patients: Is Race a Predictor of Adverse Outcomes? *Obes Surg.* 2020 Nov;30(11):4381-4390; PMID: 32617920 6. Michael A. Edwards,* Allison Bruff, Michael Mazzei, Xiaoning Lu and Huaqing Zhao. Racial disparities in perioperative outcomes following metabolic and bariatric surgery: a case-control matched study. *Surg Obes Relat Dis.* 2020 Aug;16(8):1111-1123; PMID: 32507658 7. Alexander M. Fagenson, Michael Mazzei, Michael A. Edwards.* Does steroid use in transplant patients undergoing bariatric surgery independently impact outcomes? *J Surg Res.* 2020 Jun 2;254:294-299. PMID: 32502779 8. Alexander M. Fagenson, Michael Mazzei, Huaqing Zhao and Michael A. Edwards.* Metabolic and bariatric surgery in prior solid organ transplantation patients: Does Diabetes influence outcomes? *Surg Obes Relat Dis.* 2020 Sep;16(9):1266-1274; PMID: 32473785 9. Shilpa Agarwal, M.D., Allison Bruff, M.D., Michael Mazzei, M.D., Huaqing Zhao, PhD, MS and Michael A. Edwards, M.D.* Exploring racial disparity in perioperative outcomes following revisional bariatric surgery: a case-control matched analysis. *Am J Surg* 2020 Apr 3. PMID: 32279831 10. Michael A. Edwards, M.D,* Michael Mazzei, M.D and Ryaz Bashir. Racial Disparities in Inferior Vena Cava Filter Use in Metabolic and Bariatric Surgery Patients: Nationwide Insights from the MBSAQIP Database. *Am J Surg* 2020 Mar 19. PMID: 32222275 11. Alexander M. Fagenson, Michael Mazzei, Huaqing Zhao, Xiaoning Lu and Michael A. Edwards.* Bariatric surgery outcomes in patients with prior solid organ transplantation: an MBSAQIP analysis. *Obes Surg.* 2020 Feb 24;30(6):2313-2324. PMID: 32096014. 12. Michael Mazzei, Huaqing Zhao and Michael A. Edwards.* The impact of chronic renal disease on bariatric surgery perioperative outcomes: an analysis of the MBSAQIP Participant Use Data File. *Surg Obes Relat Dis.* 2019 Dec;15(12):2075-2086. PMID: 31734067 13. Edwin Acevedo Jr, MD, Michael Mazzei, Huaqing Zhao, PhD, Xiaoning Lu, BS and Michael A. Edwards, MD.* Outcomes in conventional laparoscopic versus robotic-assisted revisional bariatric surgery: A retrospective, case-controlled study of the MBSAQIP database. *Surg Endosc.* 2020;34:1573-1584. (Epub 2019 Jun 17); PubMed PMID: 31209611 14. Matthew Cunningham-Hill, Michael Mazzei, Huaqing Zhao, Xiaoning Lu and Michael A. Edwards, M.D.* The impact of staple line reinforcement utilization on bleeding and leak rates following sleeve gastrectomy for severe obesity: a propensity and case-control match analysis. *Obes Surg.* 2019 Aug;29(8):2249-2463. PubMed PMID: 30989567 15. Michael Mazzei, Huaqing Zhao and Michael A. Edwards.* Perioperative outcomes of bariatric surgery in the setting of chronic steroid use: a MBS-AQIP database analysis. *Surg Obes Relat Dis.* 2019 Jun;15(6):926-934 PubMed PMID: 31101563.

Cunningham-Hill, Matthew (Resident)

10/2017 - Present

Description:

Current Status: General Surgery Resident, PGY-3, Temple University

Outcome: As a research mentee, Dr. Cunningham-Hill and I have worked on several research projects that have resulted in peer review publications. He plans to pursue a career as a Vascular Surgeon.

Agarwal, Shilpa (Resident)

01/2018 - Present

Description: Currently in research years and pursuing Masters Program

Current Status: PGY-3 General Surgery Resident, Temple University Hospital

Outcome: Mentor-mentee relationship consists of research mentoring. Dr. Agarwal has collaborated with me on several research projects resulting in presentations at the Society for Black Academic Surgeons and Surgery for Obesity and Related Disorders national meetings. We have also published in the American Journal of Surgery and are finalizing two manuscripts for submission to SOARD.

Bruff, Allison (Resident)

01/2018 - Present

Description:

Current Status: PGY-4 General Surgery Resident, Temple University Hospital
Outcome: Provide research and career development mentoring. Collaborated on multiple research projects resulting in national presentations and co-publications.patients.

Acevedo Jr, Edwin (Surgery Resident)

11/2018 - Present

Description:

Current Status: PGY-5 General Surgery Resident, Temple University Hospital
Outcome: Provide research and career development mentoring. Collaborated on multiple research projects resulting in several national presentations and peer reviewed publications, including: 1. Edwin Acevedo, Xiaoning Lu, Huaqing Zhao, Michael Mazzei, Shravan Sarvepalli, and Michael A. Edwards.* Outcomes in racial minorities after robotic Roux-en-Y gastric bypass and sleeve gastrectomy: A retrospective review of the MBSAQIP database. Surg Obes Relat Dis. doi: 10.1016/j.soard.2020.10.019. Online ahead of print. PMID: 33257274 2. Michael A. Edwards,* Shravan Sarvepalli, Michael Mazzei, Edwin Acevedo, Jr., Xiaoning Lu and Huaqing Zhao. Outcomes in racial cohorts undergoing robotic-assisted revisional metabolic and bariatric surgery: an MBSAQIP matched analysis. Surg Obes Relat Dis. 2020 Dec;16(12):1929-1937 3. Edwin Acevedo, Jr, Huaqing Zhao, Xiaoning Lu, Rohit Soans and Michael A. Edwards.* Outcomes in conventional laparoscopic versus robotic-assisted primary bariatric surgery: A retrospective, case-controlled study. Surg Endosc. 2020 Mar;34(3):1353-1365 Epub 2019 June 17. PubMed PMID: 31209608. 4. Edwin Acevedo Jr, MD, Michael Mazzei, Huaqing Zhao, PhD, Xiaoning Lu, BS and Michael A. Edwards, MD.* Outcomes in conventional laparoscopic versus robotic-assisted revisional bariatric surgery: A retrospective, case-controlled study of the MBSAQIP database. Surg Endosc. 2020;34:1573-1584. (Epub 2019 Jun 17); PubMed PMID: 31209611

Fagenson, Alexander (Surgery Resident)

11/2018 - Present

Description:

Current Status: PGY-3 General Surgery Resident, Temple University Hospital
Outcome: Provide research and career development mentoring. Collaborated on multiple research projects resulting in national presentations and 2 co-publications to date, with two additional publications under review focusing on bariatric surgery outcomes in transplant patients. Ongoing collaboration on research projects. Plans to apply for Transplant Fellowship.

Sarvepalli, Shravan (Resident)

01/2019 - Present

Description:

Current Status: General Surgery Resident, Temple University Hospital
Outcome: Provide research and career development mentoring. Collaborated on multiple research projects resulting in national presentations and peer reviewed publications, including: 1. Edwin Acevedo, Xiaoning Lu, Huaqing Zhao, Michael Mazzei, Shravan Sarvepalli, and Michael A. Edwards.* Outcomes in racial minorities after robotic Roux-en-Y gastric bypass and sleeve gastrectomy: A retrospective review of the MBSAQIP database. Surg Obes Relat Dis. doi: 10.1016/j.soard.2020.10.019. Online ahead of print. PMID: 33257274 2. Michael A. Edwards,* Shravan Sarvepalli, Michael Mazzei, Edwin Acevedo, Jr., Xiaoning Lu and Huaqing Zhao. Outcomes in racial cohorts undergoing robotic-assisted revisional metabolic and bariatric surgery: an MBSAQIP matched analysis. Surg Obes Relat Dis. 2020 Dec;16(12):1929-1937 3. Shravan Sarvepalli, Michael Mazzei and Michael A. Edwards.* Variations in bariatric surgical practice patterns between general and minimally invasive surgeons. A matched analysis of the 2017 MBSAQIP database. Surg Obes Relat Dis. 2020 Dec;16(12):2038-2049. PMID: 32826186 Supported Dr. Sarvepalli's application for MIS Fellowship, including letter of recommendation. Matriculated at Case Western Minimally Invasive Surgery Fellowship, July 2022

DePiccolo, Nico (General Surgery Resident)

07/2019 - Present

Description:

Current Status: PGY-3 Surgery Resident, Mayo Clinic Florida
Outcome:

Obi, Ryan (General Surgery Resident)	07/2019 - Present
Description:	
Current Status: Chief Resident, Mayo Clinic Florida	
Outcome:	
Dominguez, Johanny (Mayo Medical Student)	07/2020 - 03/2022
Description:	
Current Status: Dermatology Residency, Stanford, Palo Alto, CA. Started July 1, 2022	
Outcome: Served as faculty advisor to Johanny and student organization she led (SNMA) during her clinical years at Mayo Clinic Florida.	
Coombs, Shannon (Mayo Medical Student)	07/2020 - 03/2022
Description:	
Current Status: Internal Medicine Residency, Barnes Jewish Hospital, Washington University SOM, started July 1, 2022	
Outcome: Served as faculty advisor for student organization (SNMA) and surgery preceptor during her 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL in June 2021. Also served as research mentor, facilitating presentation of research project at national meeting and co-author of peer review publication: 1. Oral presentation: Michael A. Edwards MD, Shannon Coombs BA and Aaron Spaulding PhD. Difference in causes of readmission among racial and ethnic bariatric surgery cohorts. ASMBS Annual Conference, June 12, 2021, (Abstract ID:209386) 2. Michael A. Edwards MD, Shannon Coombs BA and Aaron Spaulding PhD. Racial disparity in causes for readmission following bariatric surgery. Surg Obes Relat Dis 2022 Feb;18(2):241-252. PMID: 34863671 Also served as advisor and mentor during Internal Medicine Residency application, resulting in a 1st choice match at Barnes Jewish Hospital, Washington University.	
Fletcher, Sheena (Mayo Medical Student)	07/2020 - 03/2022
Description:	
Current Status: Emergency Medicine Resident, University of California San Francisco, started July 1, 2022	
Outcome: Served as faculty advisor to student organization led by Sheena. Also served as her preceptor during her 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL in February-March 2021. I also served as her advisor during her Emergency Medicine Resident application, resulting in her matching at her 1st choice for Residency.	
Patel, Parth (Mayo Medical Student)	07/2020 - 07/2020
Description:	
Current Status: 3rd year medical student preceptee	
Outcome: Served as preceptor for student during his 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL	
Asbun, Domenech (Surgical Fellow)	08/2020 - 07/2021
Description:	
Current Status: Faculty, Hepatobiliary, Pancreas and Foregut Surgeon, Miami Cancer Institute, Baptist Health South Florida. Started 11.01.2021	
Outcome: Provided clinical training to Dr. Asbun during his Minimally Invasive Surgery Fellowship at Mayo Clinic Florida. Collaborated a research project evaluating chronic kidney disease stage and its impact on bariatric surgery outcomes, resulting in a peer reviewed publication: 1. Michael A. Edwards,* Domenech Asbun, and Michael Mazzei. Comparison of eGFR formulas in determining chronic kidney disease stage in bariatric patients and the impact on perioperative outcomes. Surg Obes Relat Dis. 2021 Jul;17(7):1317-1326. PMID: 33879423	
Lee, Timothy (Mayo Medical Student)	10/2020 - 10/2020
Description:	
Current Status: 3rd year medical student preceptee	
Outcome: Served as preceptor for student during his 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL	
Pfeifer III, Donald (Mayo Medical Student)	02/2021 - 02/2021
Description:	

<p>Current Status: 3rd year medical student preceptee Outcome: Served as preceptor for student during his 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL</p>	03/2021 - Present
<p>Krog, Lucky (Administrative Leader) Description: Current Status: Education Administration Coordinator Outcome: Assigned as mentee through MentorSeed Mentoring Program.</p>	04/2021 - Present
<p>Johnson, Wali (Surgery Resident) Description: Mentee assigned through the Academic Surgical Congress SECOND Trial Mentoring program. The SECOND Trial Mentorship Network is a mentorship collaboration initiative with the Association for Academic Surgery, Society of Black Academic Surgeons, Society of Asian Academic Surgeons, Latino Surgical Society, Association of Out Surgeons and Allies, Society of University Surgeons, and the Association of Women Surgeons. Focus of mentor-mentee relationship will be discussion and support around: 1. Being a racial/ethnic minority in surgery 2. Career planning 3. Fellowship match Current Status: Surgical Resident, VUMC Outcome:</p>	04/2021 - 04/2021
<p>Goranov, Nickolas (Mayo Medical Student) Description: Current Status: 3rd year medical student preceptee Outcome: Served as preceptor for student during his 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL</p>	05/2021 - 08/2021
<p>Davies, Nancy (MPH Student) Description: Serve as a research mentor to Ms. Davies during her summer externship at the Mayo Clinic. Facilitated development of clinical research skills. Collaborated on several research projects, including manuscripts submitted for peer review or accepted in peer review journals Current Status: MPH study at the University of North Florida, Jacksonville, FL. Outcome: 1. Michael A. Edwards MD, Nancy Davies and Aaron Spaulding PhD. Racial and ethnic disparity in reoperation and re-intervention causes after metabolic and bariatric surgery. Surg Obes Relat Dis</p>	06/2021 - 06/2021
<p>Robinson, Kyle (Mayo Medical Student) Description: Current Status: 3rd year medical student preceptee Outcome: Served as preceptor for student during his 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL</p>	06/2021 - 08/2021
<p>Terhaar, Hanna (Clinical Research Internship (CRISP)) Description: Current Status: Student at Georgia Institute of Technology, Class of 2022 Outcome: 1. Development of prospective clinical hernia database 2. Participated in weekly research development meetings, including analysis of hernia outcomes data 3. Hernia outcomes abstract presentation 4. Assisted in manuscript preparation for peer reviewed publication Michael A. Edwards M.D., Hanna Terhaar, Aaron Spaulding PhD. Resident first assistance in bariatric surgery: do patients pay a price? Surg Obes Related Dis. 2022 Jun;18(6):738-746</p>	06/2021 - Present
<p>Munnings, Ansonique (Undergraduate Student) Description: Participant in Mayo Clinic Undergraduate Plummer Scholars Program Current Status: Undergraduate Student, Baylor University Outcome:</p>	07/2021 - Present
<p>Hyman, David (Surgery Resident) Description: Research mentee Current Status: Surgery Resident, Mayo Clinic Florida Outcome: Research Project #1: The impact of Caprini guideline indicated venous thromboembolism prophylaxis in colorectal surgery patients: experience of a single health system Outcomes: 1. Oral presentation at American College of Surgeons Annual Congress, October 2021 2. Mayo Clinic Tri-site Resident Research Day Presentation, March 28, 2022. Winner of the W. Deprez Inlow Award. All-expense paid trip to the 2022 Priestley Society Meeting with honor of presenting the first</p>	

paper at the event 3. Hyman DW, Brennan ER, Spaulding AC, Colibaseanu DT, Hussain WA, Muraleedharan D, Casler JD, Schreier DJ, Thompson KM, Edwards MA.* The impact of Caprini guideline indicated venous thromboembolism prophylaxis in colorectal surgery patients: experience of a single health system. Am Surg. 2022 Oct 3;31348221129514. doi: 10.1177/00031348221129514

Muraleedharan, Divya (Research Trainee) 07/2021 - Present

Description: MBBS, Graduate of Kerala of University Health Sciences

Current Status: Research Trainee at Mayo Clinic Florida

Outcome: Participation in weekly research development meetings 1. Manuscripts preparation 2. Drafting IRBs 3. Drafting of Grant Proposal 4. Systematic Reviews

Jain, Varun (Surgical Fellow) 08/2021 - 07/2022

Description:

Current Status: Bariatric and MIS Fellow, Mayo Clinic Florida

Outcome:

Wiggins, Marcus (Mayo Medical Student) 10/2021 - 10/2021

Description:

Current Status: 3rd year medical student preceptee

Outcome: Served as preceptor for student during his 3rd Surgery Clerkship rotation at Mayo Clinic, Jacksonville, FL.

Hussain, md Walid (Research Trainee) 11/2021 - 06/2023

Description:

Current Status: Research Trainee at Mayo Clinic Florida

Outcome: 1. National presentations 2. Peer reviewed publications 3. Matched, Preliminary General Surgery Residency, University of Connecticut

Jone, Sherrea (Medical Students) 12/2021 - Present

Description:

Current Status: Mayo Clinic Wilson Scholars Mentoring Program Second year medical student at Medical College of Wisconsin

Outcome:

Pohl, Abigail (Clinical Research Internship (CRISP)) 06/2022 - 08/2022

Description:

Current Status: Student at University of Central Florida, Class of 2023

Outcome: 1. Participated in weekly research development meetings, 2. Participated in analysis of VTE prevention practice patterns in pancreatic surgery patients 3. Present poster at 2022 CRISP Poster Symposium 4. Draft manuscript: Title: Risk adjusted venous thromboembolism prophylaxis following pancreatic surgery Abigail Pohl, Aaron C. Spaulding PhD, Emily R. Brennan MPH, John Stauffer MD, Md Walid Akran Hussain MBBS, Divya Muraleedharan MBBS, Dorin T. Colibaseanu MD and Michael A. Edwards MD*. J Gastrointestinal Surgery (Submitted) 5. Continues to collaborate on project exploring the correlation between County Health Ranking and bariatric surgery outcomes 6. Provided support for 2023 medical school application, including reviewing CV, Personal Statement and writing supportive letter of recommendation

Broccard, Sacha (Surgery Resident) 07/2022 - 06/2023

Description:

Current Status: Chief Surgery Resident, Mayo Clinic Florida

Outcome: Research Project #1: Room for improvement: extended venous thromboprophylaxis after abdominal and pelvic surgery for colorectal and anal cancer. The impact of guideline-recommended thromboprophylaxis in patients undergoing abdominal surgery for colorectal and anal cancer at a tertiary referral center Outcomes: 1. Oral presentation at Association of Colorectal Surgeons, May 2023 2. Oral Presentatation at Mayo Clinic Tri-site Resident Research Day Presentation, March, 2023. Winner of the W. Deprez Inlow Award. All-expense paid trip to the 2023 Priestley Society Meeting with honor of presenting the first paper at the event 3. Room for improvement: extended venous thromboprophylaxis after abdominal and pelvic surgery for colorectal and anal cancer. The impact of guideline-recommended thromboprophylaxis in patients undergoing abdominal surgery for colorectal and anal cancer at a tertiary referral center. Submitted to Dis Col & Rec

Academic Career Development

Physician Leadership Academy Lewis Katz School of Medicine Temple University Philadelphia, Pennsylvania	09/2015 - 05/2017
SAGES Leadership and Health Care Policy Program for Surgeons Joseph Martin Conference Center Boston, Massachusetts	11/2017
Effective Communication in Healthcare for Physicians and Advanced Care Providers Cannady Building, Kinne Auditorium Jacksonville, Florida	08/22/2019
Cross Cultural Communication for Physicians and Advanced Practice Providers Cannady Building, Kinne Auditorium Jacksonville, Florida	09/05/2019
New Physician & Scientist - Leadership Launch: Building Your Career at Mayo Clinic Phillips Hall, Siebens Building Rochester, Minnesota	12/04/2019
Harvard hidden biases test- gender-career	10/30/2020
Harvard hidden biases test-race	10/30/2020
Unconscious bias Mayo MyLearning Course	10/30/2020
New Physician and Scientist - Leading with Emotional Intelligence Virtual Course Jacksonville, Florida	11/03/2020
New Physician and Scientist - Professionalism & Values II Virtual Jacksonville, Florida	11/03/2020
Understanding unconscious bias in admissions and selection	01/17/2021
2021 Quality Conference: Ensuring Quality, Safety & Equity in a Virtual Era Mayo Clinic Virtual Event	07/21/2021
Crucial Conversations Mayo sponsored course on having difficult conversations Jacksonville, Florida	12/07/2021 - 12/08/2021

Educational Activities

I am a dedicated educator, who is committed to being at the forefront of educating the next generations of physicians and surgeons. I have a strong interest and background in the role of simulation in surgical training. I currently lead the effort in our Department to enhance the Robotic Training experience of our Residents. I have an interest in graduate medical education, and look forward to opportunities to be more formally involved our ACGME Training Programs.

Institutional/Departmental Administrative Responsibilities, Committee Memberships and Other Activities**Mayo Clinic**

Department of Surgery, Mayo Clinic Florida Member, Department of Surgery Quality Committee	09/01/2021 - Present
Mayo Clinic Florida Member, Surgical Quality Subcommittee (SQS) Work with members of surgical quality subcommittee on initiatives to improve patient safety and outcomes at MCF	01/2020 - Present
Medical Device Sterilization and Disinfection Oversight Group	

Member	03/20/2023 - Present
Wilson Scholars Program Leadership and Advisory Committee	
Steering Committee Member	07/2021 - Present
Serve as member of Wilson Scholars Mentoring Program Advisory Committee, providing guidance in the development of the program. Also assumed primary responsibility for identifying mentors for mentees with an interest in surgical, anesthesia and critical care specialties. 2021: Identified 8 mentors for mentees with interests in orthopedic surgery, trauma acute care surgery, anesthesia / critical care	
Mayo Clinic in Rochester	
Department of Internal Medicine	
Member, Selection Committee	03/01/2022 - 06/01/2022
Serve as member of Division of Endocrinology Faculty Search Committee	
Department of Surgery	
Member, Resident Selection Committee	11/2021 - 03/2022
Reviewed applications for over 60 interviewees. Interviewed and evaluated over 60 applicants for General Surgery Residency. Participated in Residency applicant review and ranking meetings	
Department of Surgery Quality Executive Committee	
Chair	03/01/2023 - Present
Mayo Clinic in Arizona	
Department of Surgery	
Member, Selection Committee	02/01/2022 - 10/31/2022
Serve as member of Department of Surgery Search Committee for Hepatobiliary Surgeon Recruitment	
Member, Selection Committee	05/23/2022 - 12/31/2022
Serve as member of Department of Surgery Search Committee for Plastic Surgeon Recruitment	
Mayo Clinic in Florida	
Department of Surgery	
Quality Medical Director	03/01/2023 - Present
Appointed, Medical Director, Quality, Department of Surgery	
Mayo Clinic Hospital in Florida	
Surgical Quality Subcommittee	
Chair	01/01/2023 - Present
Appointed, Chair, Surgical Quality Subcommittee, Mayo Clinic Florida	
Mayo Clinic in Florida	
Vice Chair, Surgical Quality Subcommittee	09/01/2021 - 12/31/2022
Activities at Other Institutions	
Georgia Regents University	
George Chapter ACS Annual Meeting	
Mock Oral Examiner	2008
Medical College of Georgia School of Medicine	
Applicant Interviewer	2007 - 2008
Human Assurance Committee	
Member	2006 - 2011
Member	2009 - 2011
MCG Faculty Senate Executive Committee	
Senator at Large	2011 - 2012
Medical Student Surgical Clerkship	
Evaluator	2007 - 2013
President's Faculty Satisfaction Action Team: Human Assurance, Committee	

Administration Advisory Workgroup	
Co-Leader	09/2010
Senate Student Promotions Committee	
Faculty	2007 - 2011
Transformation 2020 MCGHS P&D Committee Strategic Priority 6	
Member	09/2011
Virtual Education and Simulation Lab Skills Curriculum	
Committee Chair	2006 - 2011
Medical-Surgical Interdisciplinary GI Conference	
Co-Director	2012 - 2014
Georgia Regents University Medical Center	
Ad Hoc Committee Sepsis Bundles	
Member	2009 - 2010
Adult Operating Room Committee	
Member	2009 - 2010
Adult OR Subcommittee on Infection Control	
Chair	2009 - 2010
Infection Control Committee	
Member	2009 - 2010
Temple University	
Lewis Katz School of Medicine	
3rd and 4th Year Curriculum Task Force	
Member	07/2017 - Present
Climate Survey Task Force	
Member	2016 - 2017
Clinical Competency Committee	
Member	12/2015 - Present
Dean's Appointee	
Physician Assistant Program Curriculum Committee	
Member	09/2016 - 06/2018
Department of Surgery Education Committee	
Member	07/2018 - Present
Diversity Council	
Dean's Appointment	12/2017 - Present
LCME Institutional Setting - Faculty Subcommittee	
Member	2015 - 2016
MFS Committee	
Appointments and Promotion	
Member	2014 - Present
Research and Scholarship	
Member	2018 - Present
MFS Standing Committee	
Diversity	
Co-Chair	07/2015 - 03/2017
Faculty Development	
Member	2014 - 2017
Chair	2016 - 2017
Obesity Research Day Program Steering Committee	

Member	07/2016 - 10/2016
PA Admissions Committee	
Dean's Appointment	07/2017 - 12/2018
Physician Assistant Program Advisory Committee	
Member	02/2015 - Present
Physician Assistant Program Curriculum	
Member	2015 - 2016
Physician Assistant Program Director Search Committee	
Member	10/2014 - 01/2015
Member	2017 - Present
Residency Program Evaluation Committee	
Member	04/2014 - Present
Robert D. Harwick Resident Research Symposium	
Judge	04/2014
Temple University Hospital	
Bylaws Committee	
Member	07/2016 - Present
OR Executive Committee	
Member	2014 - 2018

Presentations Extramural

National or International

Invited

The Role of Robotic-assisted Retro-muscular Techniques in Complex Abdominal Wall Hernia Management Invited Speaker SIR RUN RUN SHAW HOSPITAL HEALTHCARE, CHINA 2020 GLOBAL MINIMALLY INVASIVE SURGERY SUMMIT Jacksonville, Florida	10/16/2020
Evolution in Minimally Invasive Bariatric Surgery Invited Speaker Provided comprehensive update on procedural and surgical platform evolution in the surgical management of severe obesity to faculty members and trainees at the University of the West Indies in Jamaica. Association of Surgeons in Jamaica 62nd Annual Scientific Symposium	05/23/2021
Robotic assistance in general surgery: value and considerations in starting a program Invited Speaker National Medical Association Annual Meeting, Robotic Symposium	07/17/2021
Comorbidity resolution: are duodenal switch procedures really better? Presented lecture on obesity-related comorbidity resolution associated following medical weight loss, metabolic and bariatric surgical procedures, and specifically comparing comorbidity resolution associated with duodenal switch (BPD-DS), single anastomosis duodeno-ileostomy with sleeve gastrectomy (SADI-S) and Roux-en-Y gastric bypass surgeries. ASMBS Re-United Meeting, Las Vegas, NV	01/21/2022
Racial and ethnic disparities in robotic bariatric surgery Presented lecture on bariatric surgical disparities, robotic-assisted surgery utilization and the intersection of robotic surgery and racial/ethnic disparities in bariatric surgery outcomes ASMBS Re-United Meeting, Las Vegas, NV	01/21/2022
Managing of complications post bariatric surgery Presented lecture on surgical complications after bariatric operation, including surgical and endoscopic management options and outcomes ASMBS, Florida and the Caribbean Chapter Meeting, Ponce, Puerto Rico	05/20/2022

Technical Tips and Tricks: Sleeve gastrectomy Presented lecture on technical considerations in performing a sleeve gastrectomy in morbidly obese patients, to optimize outcomes and minimize complications ASMBS, Florida and the Caribbean Chapter Meeting, Ponce, Puerto Rico	05/20/2022
Diabetes and metabolic bariatric surgery Presented lecture on 1) mechanisms for development of type 2 diabetes, 2) mechanisms for remission of type 2 diabetes after metabolic surgery, and comparative type 2 diabetes remission after sleeve gastrectomy, Roux-en-Y gastric bypass and duodenal switch procedures ASMBS, Florida and the Caribbean Chapter Meeting, Ponce, Puerto Rico	05/21/2022
Venous thromboembolism risk assessment and prophylaxis in bariatric surgery patients Presented lecture on 1) VTE risk and outcomes in bariatric surgery patients, 2) VTE risk assessment models and enterprise quality improvement project using an automated Caprini calculator for VTE risk assessment ASMBS, Florida and the Caribbean Chapter Meeting, Ponce, Puerto Rico	05/21/2022
Bariatric outcomes in diverse patient populations: are we improving? American College of Surgeons Quality and Safety Conference	07/15/2022
Venous thromboembolism risk assessment and prophylaxis in bariatric patients Presented on VTE incidence, outcomes, recommended practice patterns, and current gaps in risk assessment and prevention practices International Federation for the Surgery of Obesity and Metabolic Disorders 25th World Congress Miami, FL August 23-27, 2022	08/27/2022
The impact of Caprini risk adjusted VTE prophylaxis in colorectal surgery patient: experience of a single health system Senior Author for Inlow Award Winner abstract presented at the 58th annual meeting Mayo Clinic Surgical Society Mayo Clinic Surgical Society in Honor of James T. Priestly Annual Meeting San Diego, Ca October 14-15, 2022	10/14/2022 - 10/15/2022
Robotic Bariatric Surgery Presentation for the ASMBS Fellow Webinar Series. Presented on tips and tricks in performing robotic bariatric surgery, tips on transitioning from laparoscopic to robotic bariatric surgery and the future of robotic bariatric surgery. ASMBS-The Fellow Project	01/06/2023
Diversity, Inclusion and Cultural Competency in Bariatric Surgery Co-Director and Moderator ASMBS Annual Meeting	06/27/2023
Gender Bias in Bariatric Surgery Invited Speaker ASMBS Annual Meeting	06/27/2023
Introducing Robotics In Practice-Why Now Invited Speaker ASMBS Annual Meeting	06/29/2023
ASMBS Leadership Academy Panelist Expert panel discussion by robotic bariatric surgeons on the benefits and challenges of robotic surgery Audience: Minimally invasive / bariatric surgery fellows ASMBS Weekend Meeting	10/05/2023
Oral	
MIS Fellowships. For What Cases is it Needed? Invited Speaker Educators Lunch SAGES Annual Meeting Las Vegas, Nevada	04/2007
Update on Gastric Dysmotility Medical and Surgical Approaches to GI Disorders Conference Kiawah Island, South Carolina	07/2007
Type-4 Serotonin Receptor in Aldosterone and Cortisol-Producing Adenomas: A	04/2008

Paired Analysis with Adjacent Normal Tissue Abstract presentation NIDDK Network of Minority Research Investigators 6th Annual Meeting Rockville, Maryland	
Racial disparities in IVC filter placement for bariatric surgery: An MBSAQIP database analysis Abstract presentation Society for Black Academic Surgeon National Meeting Jacksonville, Florida	04/26/2019
Bariatric surgery in prior solid organ transplantation patients: Is race a predictor of adverse outcomes? Abstract Presentation Obesity Week National Meeting Jacksonville, Florida	11/05/2019
Glomerular filtration rate formulas in bariatric patients: which best predicts risk? Abstract presentation Obesity Week National Meeting	11/07/2019
Metabolic and bariatric surgery in prior solid organ transplantation patients: Is Diabetes an independent predictor of adverse outcomes? Abstract Presentation Obesity Week Annual Meeting Jacksonville, Florida	11/07/2019
Outcomes in racial cohorts undergoing robotic-assisted revisional metabolic and bariatric surgery Abstract presentation Obesity Week Annual Meeting	11/07/2019
Predicting cardiac complications after bariatric surgery: MBSAQIP validation of the MICA score Abstract presentation American Society for Metabolic and Bariatric Surgeons Annual Conference	11/07/2019
Resident first assist in bariatric surgery: do patients pay a price? Abstract presentation Obesity Week Annual Meeting Jacksonville, Florida	11/07/2019
The impact of chronic kidney disease stage on metabolic and bariatric surgery outcomes Abstract presentation Obesity Week National Meeting	11/07/2019
The impact of chronic kidney disease stage on metabolic and bariatric surgery outcomes. Abstract presentation Obesity Week Annual Meeting	11/07/2019
**Outcomes in racial cohort of patients undergoing sleeve gastrectomy Abstract presentation Society for Black Academic Surgeon Annual Meeting	04/24/2020
Does Timing of IVC Filter Placement in Bariatric Surgery Patients Impact Perioperative Outcomes? Abstract presentation Academic Surgical Congress Annual Conference	02/03/2021
Gastric Bypass vs. Sleeve Gastrectomy: Does procedure type impact morbidity in transplant patients? Abstract presentation Academic Surgical Congress Annual Conference	02/03/2021
Difference in causes of readmission among racial and ethnic bariatric surgery cohorts Abstract presentation	06/12/2021

American Society for Metabolic and Bariatric Surgeons Annual Conference	
Racial and ethnic disparity in reoperation and re-intervention causes after metabolic and bariatric surgery	06/12/2021
Abstract presentation	
American Society for Metabolic and Bariatric Surgeons Annual Conference	
Racial disparities in perceptions of operative risk prior to bariatric surgery	06/12/2021
Abstract presentation	
ASMBS 2021 Annual Meeting	
Risk stratified venous thromboembolism in bariatric patients using Caprini assessment: practice patterns and opportunities	06/12/2021
Abstract presentation	
American Society for Metabolic and Bariatric Surgeons Annual Meeting	
Compliance with guideline-indicated venous thromboembolism evaluation: a single health system evaluation	10/24/2021
Abstract presentation	
American College of Surgeon's Annual Congress	
The Impact Of Caprini Risk-adjusted VTE Prophylaxis In Colorectal Surgery Patient: Experience Of A Single Health System	10/24/2021
Abstract presentation	
American College of Surgeon's Annual Congress	
Utilization Of Risk Adjusted Prophylaxis In Elective General Surgery Cases Significantly Reduces Venous Thromboembolic Complications	10/24/2021
Abstract presentation	
American College of Surgeon's Annual Congress	
Can Risk-based VTE Prevention Practice Guidelines be Safely used in Esophagectomy Cases?	07/11/2023
Abstract presentation	
American of Surgeons Quality and Safety Conference	
Receipt of Caprini guideline indicated VTE prophylaxis among inpatient surgical patients: are there racial/ethnic differences in practice patterns and outcomes?	09/30/2023
Abstract presentation	
Society for Black Academic Surgeon 33rd Annual Scientific Meeting	
SBAS Membership Survey: Insights on Demographics, Engagement, and Opportunities for Improvement	09/30/2023
Abstract presentation	
Society for Black Academic Surgeon 33rd Annual Scientific Meeting	
Poster	
Melanocortin-4 Receptor (MC4R) gene sequence analysis in a diverse morbidly obese bariatric population	11/14/2018
Abstract presentation	
Obesity Week National Meeting	
Outcomes following revision and conversion robotic-assisted compared to conventional laparoscopic bariatric surgery: review of the MBSAQIP participant user files database	04/03/2019
Abstract presentation	
SAGES Annual Meeting	
Outcomes following robotic-assisted compared to conventional laparoscopic bariatric surgery: review of the MBSAQIP participant user files database	04/03/2019
Abstract presentation	
SAGES Annual Meeting	
Impact of sleeve gastrectomy on gastric emptying scintigraphy and weight loss in an ethnically diverse bariatric patient cohort	04/04/2019
Abstract presentation	
SAGES Annual Meeting	
Outcomes in racial cohorts after robotic-assisted gastric bypass: a matched analysis	11/05/2019

of MBSAQIP database Abstract presentation Obesity Week Annual Meeting Jacksonville, Florida	
Outcomes in racial cohorts after robotic-assisted sleeve gastrectomy: a matched analysis of MBSAQIP database. Abstract presentation Obesity Week 2019 Jacksonville, Florida	11/05/2019
Evaluating the Safety and Efficacy of Risk Adjusted VTE Prevention Practice in Transplant Surgery Patients Abstract presentation American of Surgeons Quality and Safety Conference	07/11/2023
Regional	
Career Pathway Presentation to Mayo Clinic Undergraduate Plummer Scholars (UPS) Program Participants Virtual presentation and discussion with UPS Program Participants	06/10/2021
Invited	
Pre-College, College Pre-Matriculation Program Invited Keynote Speaker Georgia Regents University Student Educational Enrichment Program 2013 Awards Luncheon Augusta, Georgia	07/2013
Trends and Outcomes in Non-Medical Weight Loss Treatment Invited Speaker: Obesity Research Day Temple University	10/2016
Invited Discussant Expanded Look: Opioid use after inguinal and ventral hernia repair. Provided invited discussion on manuscript presented at annual conference. 2023 Southeastern Surgical Conference, Savannah, GA	02/12/2023
Are there any advantages in robotic sleeve gastrectomy? Mayo Clinic Robotics in Advanced Surgical Technologies 2023 Conference	04/14/2023 - 04/16/2023
Videos on robotic TARS and complex hernias Video presentations on managing robotic-assisted complex abdominal wall hernias. Moderator for General Surgery Hernia Session. Mayo Clinic Robotics in Advanced Surgical Technologies 2023 Conference	04/14/2023 - 04/16/2023
Oral	
Minimally Invasive Surgery Invited Speaker Medical and Surgical Approaches to GI Disorders Conference Kiawah Island, South Carolina	07/2006
Outcomes and Complications of Morbid Obesity Surgery Invited Speaker Medical and Surgical Approaches to GI Disorders Conference Kiawah Island, South Carolina	07/2006
Update on Gastric Dysmotility Invited Speaker Internal Medicine Conference Kiawah Island, South Carolina	06/2007
Laparoscopic Colectomy for Colorectal Cancer Invited Speaker Medical and Surgical Approaches to GI Disorders Conference Kiawah Island, South Carolina	07/2007
Primary Aldosteronism	

Invited Speaker Georgia Regents University Medical Center Augusta, Georgia	03/2009
Obesity Surgery Complications Invited Speaker Georgia Surgical Society Meeting Savannah, Georgia	09/2009
Update on Primary Aldosteronism Invited Speaker Georgia Surgical Society Meeting Savannah, Georgia	09/2009
Obesity Surgery Complications Invited Speaker , Fall Mini-Medical School Georgia Regents University Medical Center Augusta, Georgia	10/2011
Cardiovascular Benefits of Bariatric Surgery Invited Speaker Cardio Vascular Center - Heart to Heart Lecture Series Georgia Regents University Medical Center Augusta, Georgia	08/2012
Bariatric Surgery Update Invited speaker Pennsylvania PA Association Philadelphia, Pennsylvania	07/2014
Bariatric Surgery Update Invited Speaker Bucks County Hospital Philadelphia, Pennsylvania	09/2014
Poster **Poster Session Moderator Moderator Mayo Clinic CRISP Poster Symposium. Facilitated presentation and discussion of 12 posters presented by CRISP students. Mayo Clinic Clinical Research Internship Summer Program Poster Symposium Jacksonville, Florida	08/12/2021

*** Indicates that the presentation was not delivered due to COVID-19*

Clinical Practice, Interests, and Accomplishments

I am a fellowship trained Minimally Invasive and Bariatric Surgeon. I have had the opportunity to lead and develop multidisciplinary clinical programs, including the development and growth of two bariatric programs and the development of a multidisciplinary adrenal program. My clinic interests and areas of expertise include, but are not limited to the following: 1. Minimally Invasive Surgery 2. Metabolic and Bariatric Surgery 3. Robotic Surgery 4. Complex Hernia Surgery, Including Incisional, Diaphragmatic, Paraesophageal and Hernias of rare locations, such as Lumbar Hernias 5. Multidisciplinary Management of Patients with Gastroparesis 6. Adrenal Surgery

Research Interests and Accomplishments

My research interest has evolved over several years. As a co-director of a multi-disciplinary adrenal program earlier in my career, much of my research interest interests and activities focused on the molecular aspect of hyperaldosteronism, in conjunction with my Endocrinology and Basic Science collaborators. My recent research interest has been more aligned with my clinical practice, which has been heavily bariatric surgery. My research has focused primary on clinical outcomes in bariatric surgery patients, with a particularly focus on exploring racial disparities in outcomes.

Quality Initiatives

Quality

- Quality Project: "Implementation of Risk Stratified VTE Prophylaxis Using Caprini Assessment" Project ID -PRJ015538 Objectives: This is a QI project sponsored by the Surgical Quality Subcommittees and Surgical Practice Committees at Mayo Clinic, with the objectives of 1. Determining utilization of Caprini Assessment tool for VTE risk stratification in surgical patients 2. Determining compliance with risk stratified VTE prophylaxis guidelines based on Caprini score 3. Determining the impact of compliance (vs. not) to risk stratified prophylaxis on VTE outcomes 4. Identifying opportunities to improve performance metrics for Patient Safety Index 12, with steady performance in top quartile compared to national peers through standardization of VTE risk stratification and VTE prophylaxis practices. Endorsement and Sponsors: 1. Surgical Quality Subcommittee Chairs 2. Surgical Practice Committee 3. Enterprise House of Surgery Leadership Funding: Kern Center Budget: \$387,863.00 Project Role: Physician Lead for the QI Project, with 0.1 FTE during execution phase. Responsibilities and project activities: 1. Provided guidance to biostatistician 2. Interpretation of baseline UDP and NSQIP data 3. Presentation of QI data to all Mayo Clinic sponsors, endorsees and stakeholders - Surgical Quality Subcommittee -MCF Surgical Practice Committee, 11.19.2020 - MCF Department of Neurosurgery, 1.22.2021 -MCF POE Leadership, 1.20.2021 - MCF Surgical Practice Committee, 1.28.2021 -MCF Anticoagulation Subcommittee, 2.10.2021 -MC Enterprise Anticoagulation Committee, 2.15.2021 -MC Enterprise Quality, Experience and Affordability Executive Committee, 2.18.2021 -MC Patient Safety Committee -Informatics Team -HOS Summit, 10/4/2021 -Surgical Practice Committee, MCF, 10/7/2021 -Orders Team 4. Developed proposal for standardizing VTE risk stratification and practice guidelines 5. Developed standardize VTE prophylaxis orders, with opt-out options 6. Coordinated validation of automated Caprini assessment calculator in EPIC 6. Serve as physician expertise for all phases of QI project, including development of VTE Care Pathway, BPAs and Work Flows 7. Serve as Principal Investigator for all outcomes research related to Caprini VTE Quality Improvement Project 07/01/2020 - 12/31/2023
- Abstract: Risk stratified venous thromboembolism prophylaxis in bariatric patients using Caprini assessment: practice patterns and opportunities for improvement 06/12/2021
Authors: Michael A. Edwards*, Aaron Spaulding, Shalmali Borkar and Dorin Colibaseanu Oral presentation: American Society for Metabolic and Bariatric Surgery 2021 Annual Meeting
- Abstract: Compliance with guideline-indicated venous thromboembolism prophylaxis in elective surgical procedures: a single health system evaluation Michael A. Edwards MD, Aaron Spaulding PhD, Shalmali Borkar, Pablo Moreno Franco MD, Mark D. Tyson II MD, MPH, Elizabeth B. Habermann PhD, MPH, Basel Sharaf MD, DDS and Dorin Colibaseanu MD Oral Presentation: American College of Surgeons 2021 Annual Congress 10/25/2021
- Abstract: The Impact of Caprini Risk-adjusted VTE Prophylaxis in Colorectal Surgery Patient: Experience of a Single Health System. Michael A. Edwards MD, Aaron Spaulding PhD, Shalmali Borkar, David Hyman MD, Dorin Colibaseanu MD, Scott R. Kelley, MD and Nitin Mishra MBSS, MS Oral Presentation: American College of Surgeons 2021 Annual Congress 10/25/2021
- Abstract: Utilization of risk adjusted prophylaxis in elective general surgery patients significantly reduces venous thromboembolic complications Michael A. Edwards MD, Justine Broecker MD, Shalmali Borkar, Aaron Spaulding PhD, and Dorin Colibaseanu MD Oral Presentation: American College of Surgeons 2021 Annual Congress 10/25/2021
- Title: Evaluating the Use of Preoperative Cefazolin in Patients with a Penicillin Allergy Label (PAL) Description: Quality Improvement Project focused on increase the use of preoperative cefazolin, instead of alternative antibiotics, in patients with mild adverse events associated with penicillin allergy, with long term outcomes of reducing cost and surgical site infection. Project Endorsement: Surgical Practice Committee and Surgical Quality Subcommittee, Mayo Clinic Florida Role: Vice Chair, Surgical Quality Subcommittee; Surgical representative on PAL QI project 12/15/2021 - Present
- Abstract: Improving the Use of Pre-operative Beta Lactams in Surgical Patients with 07/15/2022 - 07/18/2022

- a Penicillin Allergy Label Devon Stonerock, Michael A. Edwards, Alexei Gonzalez-Estrada, Kevin Epps, Steven Porter Poster Presentation: American College of Surgeons 2022 Quality and Safety Conference
- Abstract: Exploring fixed operating room times in hepatobiliary surgery Md Walid Akram Hussain, Aaron Spaulding, Shalmali Borkar, Matthew H. Evans and Michael A. Edwards* Poster Presentation: American College of Surgeons 2022 Quality and Safety Conference 07/15/2022 - 07/18/2022
- Abstract: Fixed operating room times in bariatric surgery: opportunities for improved OR efficiency Michael A. Edwards, Md Walid Akram Hussain, Aaron Spaulding, Shalmali Borkar, and Matthew H. Evans Poster Presentation: American College of Surgeons 2022 Quality and Safety Conference 07/15/2022 - 07/18/2022
- Abstract: Variables impacting fixed operating rooms times in colorectal surgery cases. Michael A. Edwards, Muraleedharan Divya, Aaron Spaulding, Shalmali Borkar, and Matthew H. Evans Poster Presentation: American College of Surgeons 2022 Quality and Safety Conference 07/15/2022 - 07/18/2022
- Abstract: Receipt of Caprini guideline indicated VTE prophylaxis among inpatient surgical patients: are there racial/ethnic differences in practice patterns and outcomes? Mark Falstin, Aaron C. Spaulding PhD, Emily R. Brennan MPH, and Michael Edwards, MD. Oral Presentation: Society for Black Academic Surgeons Annual Conference Oral Presentation 09/29/2023
- Manuscript: Caprini assessment utilization and impact on patient safety in gynecologic surgery. Lewis GK, Spaulding AC, Brennan E, Bakkum-Gamez JN, Dinh TA, Colibaseanu DT, Casler JD, Edwards MA. Arch Gynecol Obstet. 2023 Sep;308(3):901-91 04/18/2023 - Present
- Manuscript: Venous Thromboembolism Prophylaxis in Otolaryngologic Patients Using Caprini Assessment. Edwards MA, Brennan E, Rutt AL, Muraleedharan D, Casler JD, Spaulding A, Colibaseanu D. Laryngoscope. 2023 Sep 23. doi: 10.1002/lary.31041 09/23/2023 - Present
- Manuscript: The Impact of Caprini Guideline Indicated Venous Thromboembolism Prophylaxis in Colorectal Surgery Patients: Experience of a Single Health System. Hyman DW, Brennan ER, Spaulding AC, Colibaseanu DT, Akram Hussain MW, Muraleedharan D, Casler JD, Schreier DJ, Thompson KM, Edwards MA. Am Surg. 2023 Nov;89(11):4720-473 10/03/2022 - Present
- Manuscript: Can Risk-Based Thromboprophylaxis Practice Guidelines be Safely Used in Esophagectomy Cases? Experience of an Academic Health System. Edwards MA, Hussain MWA, Spaulding AC, Brennan E, Bowers SP, Elli EF, Thomas M. J Gastrointest Surg. 2023 Oct;27(10):2045-205 09/05/2023 - Present
- Manuscript: Risk adjusted venous thromboembolism prophylaxis following pancreatic surgery. Pohl A, Spaulding AC, Brennan ER, Stauffer J, Hussain WA, Muraleedharan D, Colibaseanu DT, Edwards MA. J Thromb Thrombolysis. 2023 May;55(4):604-616 01/25/2023 - Present
- Manuscript: Risk stratified venous thromboembolism prophylaxis in bariatric patients using a Caprini assessment: practice patterns and opportunities for improvement. Edwards MA, Spaulding A, Brennan E, Elli EF. Surg Obes Relat Dis. 2023 Sep 26:S1550-7289(23)00706-2. doi: 10.1016/j.soard.2023.09.018 09/18/2023 - Present
- Manuscript: Venous thromboembolism and bleeding after hepatectomy: role and impact of risk adjusted prophylaxis. Edwards MA, Hussain MWA, Spaulding AC, Brennan E, Colibaseanu D, Stauffer J. J Thromb Thrombolysis. 2023 Oct;56(3):375-387 06/23/2023 - Present
- Manuscript: Pharmacist-led improvement in perioperative antibiotic selection for patients with a penicillin allergy label. Stonerock D, Hallo-Carrasco A, Edwards M, Porter SB, Epps KL, Gonzalez-Estrada A. Am J Health Syst Pharm. 2023 Apr 19;80(9):e111-e118 04/30/2023 - Present
- Quality Project: Assessing the impact of preoperative Povidone Iodine nasal swab on postoperative surgical site infection. 01/01/2023 - Present

Research Grants Awarded

Completed Grants**Federal**

Principal Investigator	To evaluate the potential role of type 4 serotonin receptor (HTR4) and its ligands as a novel diagnostic tool for patients with primary hyperaldosteronism. Funded by National Institutes of Health Loan Repayment Program	01/2009 - 01/2011
Principal Investigator	To evaluate the potential role of type 4 serotonin receptor (HTR4) and its ligands as a novel diagnostic tool for patients with primary hyperaldosteronism. Funded by National Institutes of Health Loan Repayment Program	01/2009 - 01/2011
Principal Investigator	To evaluate the potential role of type 4 serotonin receptor (HTR4) and its ligands as a novel diagnostic tool for patients with primary hyperaldosteronism. Funded by National Institutes of Health Loan Repayment Program	01/2011 - 01/2013
Collaborator	Molecular mechanism of adrenarache. Funded by NIDDK	01/2011 - 01/2012

Federal sub award

Program Director / Principal Investigator	Profiling Extracellular Vesicle Cargo in Obesity and Type 2 Diabetes. Funded by National Institute of Diabetes and Digestive and Kidney Diseases. Funded by National Institute of Diabetes and Digestive and Kidney Diseases. (5R01DK120890-03)	08/2022 - 07/2023
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Other

Principal Investigator	Molecular role of serotonin in primary aldosteronism. . Funded by Georgia Regents University Diabetes and Obesity Discovery Institute	01/2009 - 01/2010
Collaborator	Molecular defects leading to primary aldosteronism. Funded by Georgia Regents University, Cardiovascular Discovery Institute (CVDI)	01/2010

Inventions, Commercialization and Offering**B. Other**

Development and validation of automated Caprini assessment calculator	10/2021
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Other

Faculty Advisor, Student National Medical Association, MCF Asked to serve as Faculty Advisor for newly formed SNMA, MCF Chapter, approved 10/19/2020 Jacksonville, Florida	10/2020 -
Xavier University Louisiana (XULA) Dean's Scholars Program Host Hosted 3rd year undergraduate pre-med student, Natalie Dihn, from Xavier University, Louisiana, for Surgery Observorship, as part of new mentoring program between Mayo Clinic and Xavier University. Observorship	07/2022
Xavior University, Louisiana (XULA) Dean's Scholars Program Hosted 3rd year undergraduate pre-med student, Melissa Lemon, from Xavier University, Louisiana, for Surgery Observorship, as part of new mentoring program between Mayo Clinic and Xavier. Observorship	07/2022
Xavier University Louisiana (XULA) Dean's Scholars Program Host Hosted 3rd year undergraduate pre-med student, Caleb Woods, from Xavier University, Louisiana, for Surgery Observorship, as part of mentoring program between Mayo Clinic and Xavier University.	07/2023
Xavier University Louisiana (XULA) Dean's Scholars Program Host Hosted 3rd year undergraduate pre-med student, Liyah Galbert, from Xavier University, Louisiana, for Surgery Observorship, as part of mentoring program	07/2023

between Mayo Clinic and Xavier University.
Observership

HBCU Faculty Advisor Visit

07/2023 - 08/2023

Met with education leaders from HBCU in Alabama, Florida, Louisiana, Maryland, New York and Tennessee to discuss developing educational relationship with Mayo Clinic, and opportunities for under-represented students at Mayo Clinic.

Panel Discussion
Jacksonville, Florida

Bibliography

Peer-reviewed Articles

1. **Edwards MA**, Grinbaum R, Ellsmere J, Jones DB, Schneider BE. Intussusception after Roux-en-Y gastric bypass for morbid obesity: case report and literature review of rare complication. *Surg Obes Relat Dis*. 2006 Jul-Aug; 2 (4):483-9 PMID: 16925387 DOI: 10.1016/j.soard.2006.04.232
2. * MacFadyen BV, **Edwards MA**. Is ERCP necessary in all patients with an abnormal intraoperative cholangiogram? *Nat Clin Pract Gastroenterol Hepatol* 2007 Jan; 4 (1):20-1 PMID: 17203084 DOI: 10.1038/ncpgasthep0678
3. **Edwards MA**, Jones DB, Ellsmere J, Grinbaum R, Schneider BE. Anastomotic leak following antecolic versus retrocolic laparoscopic Roux-en-Y gastric bypass for morbid obesity. *Obes Surg*. 2007 Mar; 17 (3):292-7 PMID: 17546834 DOI: 10.1007/s11695-007-9048-8
4. Ellsmere J, Kane R, Grinbaum R, **Edwards M**, Schneider B, Jones D. Intraoperative ultrasonography during planned liver resections: why are we still performing it? *Surg Endosc*. 2007 Aug; 21 (8):1280-3 Epub 2007 Feb 09 PMID: 17294303 DOI: 10.1007/s00464-006-9192-6
5. Edwards MA, Grinbaum R, **Edwards MA**, Schneider BE, Walsh A, Ellsmere J, Jones DB. Benchmarking hospital outcomes for laparoscopic adjustable gastric banding. *Surg Endosc*. 2007 Nov; 21 (11):1950-6 Epub 2007 May 05 PMID: 17484002 DOI: 10.1007/s00464-007-9302-0
6. **Edwards MA**, Smith M, Parker W, Gu K. Mesenteric lipodystrophy of the left colon. *Am Surg*. 2007 Dec; 73 (12):1242-4 PMID: 18186380
7. * Shah MB, Bittner JG 4th, **Edwards MA**. Rett syndrome and gastric perforation. *Am Surg*. 2008 Apr; 74 (4):315-7 PMID: 18453295
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9. Bittner JG 4th, Coverdill JE, Imam T, Deladisma AM, **Edwards MA**, Mellinger JD. Do increased training requirements in gastrointestinal endoscopy and advanced laparoscopy necessitate a paradigm shift? A survey of program directors in surgery. *J Surg Educ*. 2008 Nov-Dec; 65 (6):418-30 PMID: 19059172 DOI: 10.1016/j.jsurg.2008.05.001
10. Bittner JG 4th, **Edwards MA**, Harrison SJ, Li K, Karmin PN, Mellinger JD. Laparoscopic repair of a right paraduodenal hernia. *JLS*. 2009 Apr-Jun; 13 (2):242-9 PMID: 19660226 PMCID: 3015939
11. * Xing Y, Parker CR, **Edwards M**, Rainey WE. ACTH is a potent regulator of gene expression in human adrenal cells. *J Mol Endocrinol*. 2010 Jul; 45 (1):59-68 Epub 2010 May 11 PMID: 20460446 PMCID: 3725639 DOI: 10.1677/JME-10-0006
12. * Mellinger JD, Bittner JG 4th, **Edwards MA**, Bates W, Williams HT. Imaging of gastrointestinal bleeding. *Surg Clin North Am*. 2011 Feb; 91 (1):93-108 PMID: 21184902 DOI: 10.1016/j.suc.2010.10.014
13. * Wang T, Satoh F, Morimoto R, Nakamura Y, Sasano H, Auchus RJ, **Edwards MA**, Rainey WE. Gene expression profiles in aldosterone-producing adenomas and adjacent adrenal glands. *Eur J Endocrinol*. 2011 Apr; 164 (4):613-9 Epub 2011 Jan 19 PMID: 21248073 PMCID: 3741645 DOI: 10.1530/EJE-10-1085
14. * Xing Y, **Edwards MA**, Ahlem C, Kennedy M, Cohen A, Gomez-Sanchez CE, Rainey WE. The effects of ACTH on steroid metabolomic profiles in human adrenal cells. *J Endocrinol*. 2011 Jun; 209 (3):327-35 Epub 2011 Mar 23 PMID: 21429963 PMCID: 3774117 DOI: 10.1530/JOE-10-0493
15. * Monticone S, Hattangady NG, Nishimoto K, Mantero F, Rubin B, Cicala MV, Pezzani R, Auchus RJ, Ghayee HK, Shibata H, Kurihara I, Williams TA, Giri JG, Bollag RJ, **Edwards MA**, Isales CM, Rainey WE. Effect of KCNJ5 mutations on gene expression in aldosterone-producing adenomas and adrenocortical cells. *J Clin Endocrinol Metab*. 2012 Aug; 97 (8):E1567-72 Epub 2012 May 24 PMID: 22628608 PMCID: 3410264 DOI: 10.1210/jc.2011-3132
16. * Monticone S, Hattangady NG, Penton D, Isales CM, **Edwards MA**, Williams TA, Sterner C, Warth R, Mulatero P, Rainey WE. a Novel Y152C KCNJ5 mutation responsible for familial hyperaldosteronism type III. *J Clin Endocrinol Metab*. 2013 Nov; 98 (11):E1861-5 Epub 2013 Sept 13 PMID: 24037882 PMCID: 3816265 DOI: 10.1210/jc.2013-2428
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* Indicates the primary author was a mentee of this author.

Indicates the authors contributed equally.