

**CURRICULUM VITAE**

**MICHAEL WATSON COOK, MD, FACS, FASMBS**

**Current Title:** Associate Professor of Clinical Surgery

**Business Address:** LSU Health, School of Medicine

 Department of Surgery

 Section of General Surgery

 2021 Perdido St. Room 8146

 New Orleans, LA 70112

**Business Telephone**

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**Business email Address:** mcoo11@lsuhsc.edu

**Citizenship:** United States of America

**Education**

 **Undergraduate:** Bachelor of Science in Chemistry

Bachelor of Art in Biology

Emphasis in Biochemistry

Texas Christian University, Fort Worth, TX 1994 -1998

 **Graduate/Medical:** Medical Doctorate

University of Tennessee College of Medicine

Memphis, TN

1998 - 2002

 **Internship:** General Surgery Residency

Ochsner Clinic Foundation, New Orleans, LA Program Director and Chairman – George Fuhrman, MD

Chairman - John Bowen, MD

2002 - 2003

 **Residency:** General Surgery Residency

Ochsner Clinic Foundation, New Orleans, LA Program Director and Chairman - John Bolton, MD

2003 – 2007

 **Clinical**

 **Fellowships:** Minimally Invasive Surgery Fellowship

Emory Endosurgery Unit, Atlanta, GA Program Director—Edward Lin, DO

2007 - 2009

**Certification**:

American Board of Surgery, Board certified in Surgery, #054719, Initial certification date: 11/16/2009, Reverification date: 1/10/2022

Fundamentals of Laparoscopic Surgery, Completed 02/2009

**Licensure:**

Louisiana State Board of Medical Examiners, #MD.026233, 6/1/2004 – present

Louisiana Board of Pharmacy, #036991, 8/17/2009-present

Drug Enforcement Agency, #FC0383480, 8/29/2009 – present

**Academic, Professional, and Research Appointments**

**Academic Appointments:**

Clinical Instructor (Gratis)

Emory University Hospital and Emory Crawford Long Hospital

School of Medicine, Department of Surgery, Section of Minimally Invasive Surgery

Atlanta, GA

July 2007 - August 2009

Assistant Professor

University of Queensland, Ochsner Medical School

New Orleans, LA

October 2009 - January 2013

Clinical Instructor of Surgery (Gratis)

Tulane University Health Sciences Center

School of Medicine, Department of Surgery

January 2013 - present

Assistant Professor of Clinical Surgery, LSU Health – New Orleans,

School of Medicine, Department of Surgery, Section of General Surgery,

New Orleans, LA

April 1, 2018 – June 30, 2023

Associate Professor of Clinical Surgery, LSU Health – New Orleans,

School of Medicine, Department of Surgery, Section of General Surgery,

New Orleans, LA

July 1, 2023 – present

**Professional Appointments:**

General Surgery, Advanced Laparoscopic and Bariatric Surgery

2009 - 2018

Ochsner Medical Center—Westbank

Gretna, LA

General Surgery, Advanced Laparoscopic and Bariatric Surgery

2013 - 2018

West Jefferson Medical Center

Marrero, LA

Medical Director, Bariatric Surgery

2015-2018

Ochsner Medical Center—Westbank

Gretna, LA

Medical Director, Bariatric Surgery

2019-present

University Medical Center—New Orleans

New Orleans, LA

Asensus Surgical Advisory Panel

August 2021

Raleigh, NC

Louisiana Department of Health Antiobesity Medication (AOM) Working Group

October 2023

New Orleans, LA

**Membership in Professional Organizations:**

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), Member 2007 - present

American College of Surgeons (ACS), Fellow, 2009 - present

American Society for Metabolic and Bariatric Surgery (ASMBS), Member,

2013 – present, Fellow, 2022 – present

Louisiana Chapter of ASMBS, Member 2013 – present, Vice President 2023 – present

Society of Laparoscopic and Robotic Surgeons (SLS), Member 2017 - present

American College of Lifestyle Medicine, Member, 2021 – 2023

Louisiana Obesity Society (LOS), Member, 2023 – present, Board Member, 2023 – present

**Awards and Honors:**

Chancellor’s Excellence Award 2023

LSUHSC New Orleans

Best Scientific Paper 2022

Louisiana Chapter of the American College of Surgeons Annual Meeting

UMCNO Patient Advocate Award 2021

Attending Physician of the Quarter 3rd Quarter 2020

University Medical Center New Orleans

Winner - Most High Tech 2011

Ochsner Medical Center - Westbank Physician Awards

Gretna, LA

Nominee - Best Physician 2011

Ochsner Medical Center—Westbank Physician Awards

Gretna, LA

Nominee—Best New Physician 2010

Ochsner Medical Center—Westbank Physician Awards

Gretna, LA

Award in Recognition of Contribution Toward the Advancement 2008

of Minimally Invasive Surgery

By Ethicon Endo-Surgery

SAGES Flexible Endoscopy Course for MIS Fellows

Cleveland, OH 2007

Advanced Surgical Training for Fellows

Elancourt, France 2007

Top Gun Laparoscopic Knot Tying Competition

2nd Place 2004

Tulane University School of Medicine

**TEACHING EXPERIENCE AND RESPONSIBILITIES**

**Course/Clerkship/Residency or Fellowship/CME Directorships:**

Associate Program Director, Tulane Bariatric Surgery Fellowship

University Medical Center, New Orleans, LA 2018 - 2019

Associate Program Director, LSU/Pennington Bariatric Surgery Fellowship

New Orleans Site Director

University Medical Center, New Orleans, LA 2021 - present

**Curriculum Development/Implementation:**

Bariatric Surgery Fellowship Curriculum: designed, implemented, and continuous update of curriculum for fellowship 2020–present

LSU Robotic Surgery Curriculum (DaVinci): worked with surgeons from all LSU robotic surgery sites to develop curriculum for training residents on DaVinci platform 2023-present

SAGES “Train The Trainers” Short Course: Worked with small workgroup to adapt the longer formal course to create a single day short course to improve scalability and reach a larger audience 2023

Curriculum for Training Residents and Fellows on Senhance Surgical Robot:

Worked with Transenterix to design and implement curriculum for training residents on the Senhance platform (first curriculum worldwide for training residents on this platform) 2020

**Creation of Enduring Teaching Materials:**

Laparoscopic Troubleshooting Guide—guide created by SAGES in 2011 for national distribution. I revamped and updated 2022 to reflect changes in technology and practice changes.

**Formal Course Responsibilities:**

Lectures for Emory University Medical Students (Multiple lectures given, September 2007 through April 2009—approximately 16 hours per year)

 Gastroesophageal Reflux Disease

 Hernias

 Gallbladder Disease

 Small Bowel Obstruction

 Kimberly Clark Enteral Access Workshop (June 2008 and August 2008)

 Lectures and Lab providing training to Kimberly Clark product representatives

 Lecture: “Radiologic Guidance for Enteral Access”

 Lecture: “Endoscopic Guidance for Enteral Access”

 Lab Instructor

 Laparoscopic Training of Emory University General Surgery Residents

Laparoscopic skills and preparation for Fundamentals of Laparoscopic Surgery testing.

September 6, 2008; October 18, 2008; January 10, 2009; February 14, 2009

 Intern Bootcamp, July 2018; July 2019; July 2020

Preparatory course for new interns at Ochsner and LSU in surgical specialties, involving lecture and clinical skills lab (cadaver lab)

“Prepping in the OR”, July 19, 2018

Lab instructor, July 20, 2018

“Calls from the floor”, July 21, 2018

“Mesh”, July 21, 2018

Lab instructor, July 21, 2018

“Calls from the floor”, July 2019

“Mesh”, July 2019

Lab instructor, July 2019

“Mesh”, July 9, 2020

Lab instructor, July 9, 2020

Lab instructor, July 10, 2020

“Patient Management/Troubleshooting”, July 11, 2020

Lab instructor, July 11, 2020

Physician’s Assistant Student first year lectures:

 Abdominal pain, appendix, gallbladder

 Small bowel obstruction, ileus, hernia

 2 hours, Fall 2018

2 hours, Fall 2019

2 hours, Fall 2020

2 hours, Fall 2021

2 hours, Fall 2022

2 hours, Spring 2024

 Senior Surgical Anatomy Course:

 Laparoscopic skills lab instructor for 4th year medical students

 4 hours, February 2019

 4 hours, February 2020

 4 hours, March 2021

 4 hours, March 2023

 4 hours, February 2024

 L2 Longitudinal Selective:

 Shadowing opportunity for Students interested in Bariatric Surgery

 2 students, Fall 2021

 3 students, Fall 2022

 2 students, Fall 2023

 2 students, Fall 2024

 Robotic (DaVinci) Training Courses for Residents and Fellows

 Res 1 (gallbladder), Fall 2022

 Res 1, Spring 2023

 Fellow (sleeve, hiatal hernia, gastric bypass), Sep 2023

 Res 2 (ventral hernia), Nov 2023

**Departmental/Interdisciplinary Teaching Conferences:**

Departmental Seminar Series, Ochsner General Surgery Residency

 “Gastroesophageal Reflux Disease”, January 13, 2010

 “Upper GI Bleed”, November 3, 2010

“The Spleen”, March 2, 2011

CME presentation—“Surgical Treatment of Obesity”

 To the Ochsner Medical Center—Westbank medical staff

 January 13, 2015

 CME presentation—“Surgical Weight Loss: Past, Present, and Future”

 To the Ochsner Medical Center—Westbank medical staff

 June 20, 2017

LSU Gastroenterology Department Grand Rounds—“Surgical Weight Loss:

Past, Present, and Future” August 17, 2018

LSU General Surgery ABSITE Review

“Bariatric Surgery” September 24, 2018

“Pepetic Ulcer and Gastric Neoplasms” August 27, 2019

“Stomach” September 10, 2019

“Obesity” June 16, 2020

LSU Obstetrics/Gynecology Residency Grand Rounds—“Bariatric Surgery:

What an OB/Gyn Should Know”

November 7, 2018

Alfredo Lopez-S Lectureship in Nutrition

 “The Obesity Epidemic: A Surgeon’s Perspective”

 March 15, 2019

LSU Gastroenterology Department Grand Rounds—“Bariatric Surgery and Gut Hormones”

February 12, 2021

 LSU General Surgery Department Grand Rounds—“Cutis Graft for Hernia

Repair: Looking to the Past to Redefine the Future”

November 4, 2021

LSU Gastroenterology Department Grand Rounds—“Metabolic Surgery: Altered

GI Anatomy”

June 2, 2023

 LSU Surgery Department Didactics—“Flexible Endoscopy”

 October 19, 2023

LSU Gastroenterology Department Grand Rounds—“Selected Topics in

Metabolic and Bariatric Surgery”

June 21, 2024

**Undergraduate, Medical, or Graduate Students Trained:**

Rebecca Young, LSU Surgery Resident 2018-2023

 Faculty Advocate

Kyle LaPenna, LSU MD/PhD Student, 2019-2021

 Research advisor, mentorship

Andrea Fa, LSU Surgery Resident 2019-

 Faculty Advocate

Sophia Trinh, LSU Surgery Resident 2020-

 Faculty Advocate

Anna Catinis, LSU MD Student 2021-2022

 Research advisor, mentorship

Emily Schumann, LSU Surgery Resident 2021-

 Faculty Advocate

 Tyler Dean, LSU Surgery Resident 2023-

 Faculty Advocate

 Renee Rumsey, LSU MD Student 2023-

 Research Advisor

**Post-Doctoral or Post-Residency Fellows Trained:**

Kais Rona, Tulane Bariatric Surgery Fellow 2018 - 2019

 Direct Supervision, Mentorship, Research

Priya Chhikara, LSU/Pennington Bariatric Surgery Fellow 2021 - 2022

 Direct Supervision, Mentorship, Research

Linda Adepoju, LSU/Pennington Bariatric Surgery Fellow 2021 - 2022

 Direct Supervision, Mentorship, Research

Jesus Garcia, LSU/Pennington Bariatric Surgery Fellow 2022 - 2023

 Direct Supervision, Mentorship, Research

Clint Stillwell, LSU/Pennington Bariatric Surgery Fellow 2022 - 2023

 Direct Supervision, Mentorship, Research

Michael Kachmar, LSU/Pennington Bariatric Surgery Fellow 2023 –

 Direct Supervision, Mentorship, Research

Iryna Popiv, LSU/Pennington Bariatric Surgery Fellow 2023 - 2024

 Direct Supervision, Mentorship, Research

Devan Lenhart, LSU/Pennington Bariatric Surgery Fellow 2023 - 2024

 Direct Supervision, Mentorship, Research

Yonas Teklu, LSU/Pennington Bariatric Surgery Fellow 2024 -

 Direct Supervision, Mentorship, Research

**RESEARCH AND SCHOLARSHIP**

**Grants and Contracts**

**Funded:**

1. LIFT2 Grant in support of patent development, 2019, Use of Amniotic Membrane to Prevent Hernia Formation, co-PI, $75,000
2. Industry Sponsored Grant, Avita Medical, 2020, In support of use of ReCell enzyme for deepithelialization of skin graft for use in hernia repair. Initial funding for proof of concept, 2019, co-PI, $12,000
3. LIFT2 Grant in support of patent development, 2021, Use of ReCell enzyme to deepitheliazation of skin graft for use in hernia repair. Funding for tensile strength studies, co-PI, $50,000
4. Baton Rouge Health-Tech Catalyst, 2022 Launchpad/Innovation Pilot Awards, Endometrial Cancer Awareness. Consultant. $30,000

**Journal Publications**

 **Refereed:**

1. White, BC; Jeansonne, LO; **Cook, MW**; Chavarriaga, LF; Goldenberg, EA; Davis, SS; Smith CD; Khaitan, L; Lin, E; *“Use of Endoluminal Antireflux Therapies for Obese Patients with GERD.”*; Obesity Surg, Oct 2008; PMID: 18839080
2. Chavarriaga, LF; **Cook, MW**; White, BC; Jeansonne, LO; Gletsu, N; Parker, CB; Sweeney, JF; Davis, SS; Lin, E; *“Transoral Technique for Gastrojejunostomy in Laparoscopic Roux-en-Y Gastric Bypass (LRYGBP) Can Accelerate Learning Curve and Reduce Cost.”*; Obesity Surg, Nov 2008; PMID: **19015931**
3. Merchant AM; **Cook MW**; White BC; Davis SS; Sweeney JF; Lin E; *“Transumbilical Gelport access technique for performing single incision laparoscopic surgery (SILS).”*; J Gastrointest Surg, Jan 2009, 13(1): 159-62; PMID: **18972166**
4. **Cook, MW**; Merchant, AM; White, BC; Finley, C; Sweeney, JF; Davis, SS; Srinivasan, J; Lin, E; “*Laparoendoscopic Single Site (LESS) Surgery for Cholecystectomy: Utilizing Existing Instrumentation*”; Submitted to American Surgeon 2009
5. Merchant, AM; **Cook, MW**; White, BC; Jeansonne, LO; Chavarriaga, LF; Davis, SS; Sweeney, JF; Lin, E; “*Comparison Between Laparoscopic Paraesophageal Hernia Repair with Sleeve Gastrectomy and Paraesophageal Hernia Repair Alone in Morbidly Obese Patients*”; Am Surg. Jul 2009; 75(7):620-5; PMID: **19655609**
6. **Chavarriaga, LF; Lin, E; Losken, A; Cook, MW; Jeansonne, LO; White, BC; Sweeney, JF; Galloway, JR; Davis, SS Jr.; “*Management of complex abdominal wall defects using acellular porcine dermal collagen*.” Am Surg. Jan 2010; PMID: 20135948**
7. Mulloy, C; Hodgdon, I; Paige, J; **Cook, MW**; “*Use of Cutis Graft as Biologic Prosthesis in Complicated Abdominal Closures: A Case Report”* J of Clin Med and Case Reports, May 2020
8. Hodgdon, I; **Cook, M**; Yoo, A; Rajo, M; Dooley, D; Haydel, A; Dogar, S; Greiffenstein, P; Morrison, J; Lau, F; Paige, J; “*The Use of Autologous Fenestrated Cutis Grafts in Hernia Repair: Surgical Outcomes and Cost Analysis of 97 Consecutive Patients”*; Am Surg June 2020; PMID: **32683916**
9. LaPenna KB, Werthmann DW, Rabito FA, Baker JW, **Cook MW;** *“Elevation of Serum Copper in the New Orleans Bariatric Clinic Population: The Norm or Geographically Localized Findings?”*; Obes Surg. Nov 2021; PMID: 34405337
10. **Cook, MW**; LaPenna, KB; Baker, JW; Rabito, FA; “*Our Patients Do Indeed Have Excess Serum Copper (and Normal Ceruloplasmin): the Reasons Why Are Yet to Be Determined”*; Obes Surg. Jun 2022; PMID: 35362915
11. Adepoju, L; Danos, D; Green, C; **Cook, MW**; Schauer, P; Albaugh, VL; *“Effect of high-risk factors on postoperative major adverse cardiovascular and cerebrovascular events trends following bariatric surgery in the United States from 2012 to 2019.”*; SOARD, Epub Sep 2022
12. Mansour, C; Leonardi, C; McLaren, P; **Cook, M**; Hodgdon, I; Paige, J; “*Autologous Fenestrated Cutis Grafts for Ventral Hernia Repair in Patients with Obesity”*; BJS, 2021 (Published Abstract from AWRE 2021)
13. Tumminello, ME; Hogan, MG; Leonardi, C; Barton, JS; **Cook, MW**; Davis, KG; “*Morbid Obesity Not a Risk for Serious Complications following Outpatient Surgery”*; Am Surg, Jun 2023; PMID: 35637616
14. **Cook, MW**; Hodgdon, I; Paige, J; Carter J; Phelan, HA; *“Enzymatic Disaggregation Is Superior to Mechanical De-Epithelialization in Preparation of Cutis Grafts for Hernia Repair: Results of the Cutis Ex-vivo Graft I Study (CutE Graft I)”;* Accepted for Publication; JTERM. Dec 2023
15. Catinis, A; Hinojosa, A; Leonardi, C; **Cook, MW**; *“Hepatic Vagotomy in Obese Patients Leads to Improvement of the Cholesterol to High Density Lipoprotein Ratio”;* Obes Surg. Dec 2023, PMID: 37924466
16. Tran, T; Irizarry, F; Gunda, S; Danos, D; **Cook, MW**; *“Robotic Surgical Platforms in Bariatric Surgery—A Comparison of Efficacy and Outcomes”*; accepted for publication in JSLS Jan 2024
17. Corpodean, F; Ross, RC; Danos, D; **Cook, M**; Schauer, PR; Albaugh, VL; “*Limitations of the 2015-2021 Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program Database for Emergency Bariatric Operations*”; SOARD. March 2024, PMID: 38744641
18. Corpodean, F; Kachmar, M; Adepoju, L; Danos, D; **Cook, M**; Schauer, PR; Albaugh, VL; “*Insurance Payor Status and Risk of Major Adverse Cardiovascular and Cerebrovascular Events after Metabolic and Bariatric Surgery*”; SOARD. May 2024, PMID: 38849260
19. Corpodean, F; Kachmar, M; LaPenna, KB; Danos, D; **Cook, M** Schauer, PR; Albaugh, VL; “*Impact of Progressive Chronic Kidney Disease Stage on Postoperative Outcomes in Metabolic Surgery—A Propensity-matched Analysis Using the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Database*”; SOARD. June 2024, PMID: 39019672
20. Crawford, C; **Cook, M**; Selzer, D; Iliakova, M; Brengman, M; “*American Society for Metabolic and Bariatric Surgery Position Statement on Describing and Coding Paraesophageal Hernia Repair with Concurrent Bariatric Surgery*”; SOARD. June 2024, PMID: 38969592
21. Kachmar, M; Corpodean, F; Danos, DM; **Cook, MW**; Schauer, PR; Albaugh, VL; “*Early Marginal Ulceration Prevalence Following Primary RYGB: A Rare Events Model of the MBSAQIP 2015-2021”* SOARD. July 2024, PMID:
22. Schauer, TH; Kachmar, M; Corpodean, F; Belmont, KP; Danos, D; **Cook, M**; Schauer, PR; Albaugh, VL; “*Rare Events Model of the MBSAQIP Database: Risk of Early Bowel Obstruction Following Metabolic Surgery*” SOARD. July 2024 (online ahead of publication), PMID:
23. Kachmar, M; Corpodean, F; LaChute, C; Popiv, I; **Cook, MW**; Danos, DM; Albaugh, VL; Moraes, DL; Tang, WH; Schauer, PR; “*Clinical Outcomes of Metabolic Surgery on Diuretic Use in Patients With Heart Failure*” AJC, Online ahead of print, PMID:

**Non-refereed:**

1. Armstrong, K; Spalazzi, J; Lazzaretti, S; **Cook, M**; Bianco, F; *“Clinical Utility of*

 *Senhance Intelligent Surgical Unit (ISU) Augmented Intelligence: Inguinal*

 *Hernia”;* White Paper published by Asensus Surgical related to use of their

 technology. June 2022

2. Armstrong, K; Spalazzi, J; Lazzaretti, S; **Cook, M**; Trivedi, A; *“Clinical Utility of*

 *Senhance Intelligent Surgical Unit (ISU) Augmented Intelligence: Sleeve*

 *Gastrectomy”;* White Paper published by Asensus Surgical related to use of

 their technology. June 2022

**Book Chapters:**

1. “A Defense of Partial Fundoplication”, **Cook, M**; Richardson, W; Submitted for publication in SAGES Handbook, 2007
2. “Gastroesophageal Reflux Disease”, **Cook, M**; Adolph, V; Textbook chapter submitted for publication in Pediatric Surgery Handbook, 2007
3. “Achalasia”, **Cook, M**; Adolph, V; Textbook chapter submitted for publication in Pediatric Surgery Handbook, 2007

**Scientific Exhibits:**

1. **Cook, MW**; Merchant, AM; Shane, M; Davis, SS; Sweeney, JF; Lin, E; *“Gastrointestinal Stenting as Bridge to Future Surgery”;* Poster presented at SAGES 2009
2. **Cook, MW;** Chavarriaga, LF; Jeansonne, LO; Merchant, AM; Lin, E; “*Laparoscopic Treatment of Superior Mesenteric Artery Syndrome”;* Poster presented at SESC 2009
3. **Cook, MW**; Merchant, AM; White, BC; Finley, C; Sweeney, JF; Davis, SS; Srinivasan, J; Lin, E; *“Laparoendoscopic Single Site (LESS) Surgery for Cholecystectomy: Utilizing Existing Instrumentation”*; Poster Presented at SESC 2009
4. Merchant, AM; Lin, E; **Cook, MW**; Sweeney, JF; Sarmiento, JM; *“Technique for Laparoscopic-assisted Formal Right Hepatectomy, Deconstructed”;* Poster presented at SAGES 2009
5. Merchant, AM; **Cook, MW**; White, BC; Davis, SS; Sweeney, JF; Lin, E; *“Single Incision Laparoscopic Surgery (SILS) for Cholecystectomy: Utilizing Existing Instrumentation”;* Poster presented at SESC 2009
6. Merchant, AM; **Cook, MW**; White, BC; Jeansonne, LO; Chavarriaga, LF; Davis, SS; Sweeney, JF; Lin, E; *“Comparison Between Laparoscopic Paraesophageal Hernia Repair with Sleeve Gastrectomy and Paraesophageal Hernia Repair Alone in Morbidly Obese Patients”;* Poster presented at SESC 2009
7. **Hudson, CT; Cook, MW; “*Paralysis Due to Thiamine and Copper Deficiencies Following Sleeve Gastrectomy Complicated by Oral Intolerance With Recurrent Pancreatitis*”; Poster presented at ACG 2018**
8. “Early Outcomes Following use of autologous fenestrated cutis grafts in hernia repair” Oral presentation at LA-ACS 1/19/2019 (Resident Presentation)
9. Hymel, A; Lavie, J; **Cook, MW**; “*Lumbar hernia: Laparoscopic repair with dermal autologous non-epithelialized graft (DANG) re-enforcement. A case series*.”; Poster presented at LA-ACS, January 2019
10. “Early Outcomes Following Use of Autologous Fenestrated Cutis Grafts in Hernia Repair” Oral Presentation at American Hernia Society Las Vegas March 11, 2019 Meeting (Resident Presentation)
11. Mulloy, C; Hodgdon, I; Paige, J; **Cook, MW;** “*Use of Cutis Graft as Biologic Prosthesis in Complicated Abdominal Closures: A Case Report”;* Poster presented at SESC 2020
12. “Endoscopic Closure of Gastrointestinal Fistula and Leaks” Oral Presentation at SESC 2020, New Orleans, La (Resident Presentation)
13. “Laparoscopic Ventral Hernia Repair with Cutis Graft” Oral Presentation at LA-ACS 2020 (resident presentation)
14. Hajirawala, L; **Cook MW**; “The Use of Autologous Fenestrated Cutis Autograft in Ventral Hernia Repair using Laparoscopic Extended Totally Extraperitoneal (ETEP) Technique: A Single Surgeon Case Series”; Poster presented at SAGES 2021
15. Catinis, A; Leonardi, C; **Cook MW**; “Hepatic Vagotomy in Obese Patients Leads to Improvement of the Cholesterol to High Density Lipoprotein Ratio”; Podium presentation at LA ACS 2022, won best scientific paper

**Videos, Electronic Media, and Multimedia:**

1. **Cook, MW**; Chavarriaga, LF; Jeansonne, LO; Davis, SS; Lin, E; *“Laparoscopic Ladd’s Procedure”;* Video presentation at ACS 2008
2. **Cook, MW**; Chavarriaga, LF; Jeansonne, LO; Davis, SS; Lin, E; “Single Incision Laparoscopic Right Hemicolectomy”; Video submitted for SAGES 2009
3. Barber, J; **Cook, MW**; “Laparoscopic DANG Hernia Repair”; Video presented at SAGES 2019
4. **Cook, MW**; “Indications for Bariatric Surgery” FOX 8 News, New Orleans, LA; Nov 5, 2020
5. **Cook, MW**; “Bariatric Surgeries Now Covered by Insurance for Louisiana State Employees” FOX 8 News, New Orleans, LA; June 23, 2021
6. Garcia, J; **Cook, MW**; “Robotic assisted Redo Heller Myotomy for Achalasia, Posterior Approach with Inadvertent Esophageal Perforation and Repair” Video presented at SAGES 2023
7. Lenhart, D; Albaugh, V; Schauer, P; **Cook, MW**; “Robotic Ventral Hernia Repair with Sleeve Gastrectomy for Acute Small Bowel Obstruction” Video presentation SAGES 2024

**Research Review Committee:**

Grant Reviewer for LACaTS Roadmap Scholars Grant, 2019

Grant Reviewer for LACaTS Roadmap Scholars Grant, 2020

Grant Reviewer for LACaTS Roadmap Scholars Grant, 2021

Grant Reviewer for LACaTS Roadmap Scholars Grant, 2022

Grant Reviewer for LACaTS Roadmap Scholars Grant, 2024

**Inventions and Patents:**

* 1. Preliminary Patent, Method of Preparing Dermal Autograft for Use in Hernia Repair and Hernia Prevention with Enzymatic Disaggregation, filed September 2020, (Patent 2932719-101-US)
	2. Method of Treating or Preventing Hernia Formation Using Placental Derived Tissues, US Patent No. 11944650 Issued 4/2/24; International Application Number: PCT/US20/25165, Filed 3/27/20

**Invited Presentations and Seminars:**

1. SLS 2019—Global Pediatric Surgery Session

“How Young Is Too Young?: Ethical Considerations in Adolescent Bariatric Surgery” September 6, 2019; New Orleans, LA

1. 14th Annual DOCS (Diabetes, Obesity, and Cardiovascular disease Summit)

“Patient Management Following Bariatric Surgery”

September 2019; Cleveland, OH and Baton Rouge, LA

1. “Endoscopic Treatment of Leaks and Fistulas” Webinar broadcast internationally by US Surgical

July 23, 2020

Recording rebroadcast at SAGES, August 2020

1. Asensus Surgical Advisory Panel, Raleigh, NC August 14, 2021
2. SAGES 2021 Hernia Session

“The Use of Autologous Fenestrated Cutis Autograft in Ventral Hernia Repair using Laparoscopic Extended Totally Extraperitoneal (ETEP) Technique”

September 1, 2021; Las Vegas, NV

1. Moderator, “Global Perspectives in MIS”, SLS 2021

September 30, 2021; National Meeting held virtually due to pandemic

1. Nutrition and Obesity Research Methods in Human Subjects, Pennington-Louisiana NORC, April 26-28, 2022; Baton Rouge, LA
2. ASMBS 2022 Presidential Grand Rounds

“Hepatic Vagotomy in Obese Patients Leads to Improvement of the Cholesterol to High Density Lipoprotein Ratio” Catinis, A; Leonardi, C; **Cook MW,** June 8, 2022; Dallas, TX

1. SLS Annual Meeting 2022—“Updates on Surgical Approach to Bariatrics”

September 2022; New Orleans, LA

1. SAGES Innovation Weekend 2023—My Favorites Session

My Favorite Anastomotic Technique, “Orvil”

My Favorite Emerging Weight Loss Procedure, “Endoluminal Barrier Sleeves”

My Favorite Liver Retractor, “Nathanson with Martin’s Arm”

My Favorite Vessel Sealer, “Ligahook”

1. LA ASMBS Annual Meeting 2023

“Access to Obesity Treatment in Louisiana: Surgical Treatment”

“Revisional Surgery: Sleeve to Bypass”

August 2023; New Orleans, LA

1. SAGES Innovation Weekend 2024—My Favorites Session

My Favorite Digital Surgical Analysis Tool, “Asensus”

My Favorite Tool for Incisional Hernia Repair, “Autoharvest of Skin”

My Favorite Trochar Closure Device, “Weck Teleflex”

My Favorite Flexible Endoscope, “Fuji Therapeutic”

My Favorite Endolumenal Tool, “Overstitch”

**Plenary Lectureships or Refresher Courses at Professional Meetings:**

1. SLS 2018—SLS Experts’ Experience

“Alternative Strategies for Pain Control after Surgery”

August 29, 2018; New York, NY

1. SAGES 2022—Asensus Surgical Lunch Symposium

“Senhance Surgical System: Reimagining the Future of Surgery”

March 17, 2022 Denver, CO

1. SAGES Innovation Weekend 2022—Digital Surgical Platforms: State of the

Technology and Multiport Robotics

“Modular Robotic Platform with Haptic Feedback and Augmented Intelligence”

June 11, 2022 Houston, TX

1. SAGES Innovation Weekend 2023—Digital Surgical Platforms: State of the

Technology, “A Modular Robotic System Which is Quietly Addressing All that is Wrong with Robotic Surgery”

February 2023 Los Angeles, CA

1. SAGES Train the Trainers Delegate, March 2023, Montreal, QC, Canada
2. LSU Leadership Academy, September 2023-August 2024
3. SAGES Train the Trainers Observer, November 2023, Virtual Course
4. ASMBS Weekend 2023, “Special Populations”, part of MBS FPD review session, November 2023; New Orleans, LA
5. LSU Department of Surgery Leadership Training, January - May 2024
6. SAGES Innovation Weekend 2024—Digital Surgical Platforms: State of the

Technology, “Big Changes on the Horizon: New Platform for a Rapidly Progressing Robotic Company”

February 23, 2024 Houston, TX

1. SAGES Train the Trainers Short Course Pilot, Trainer, April 2024, Cleveland, OH
2. Bray Obesity Science Symposium, “*Perioperative Management of the Bariatric Surgery Patient*”, May 2024 (Online Course for American Board of Obesity Medicine certification)

**SERVICE ACTIVITIES**

**University/Institutional Service**

 **Departmental committees:**

Clinical Competency Committee 2018 - present

(LSU Surgery Residency)

Program Evaluation Committee 2019 - present

 (LSU Surgery Residency)

 Clinical Competency Committee 2021 - present

 (LSU/Pennington Bariatric Surgery Fellowship)

 **LSUHSC (campus) committees:**

Faculty Advisor for Lifestyle Medicine Interest

Group 2020 - present

LSU Quality Improvement/Patient Safety Forum June 3, 2021

LSUHSC Curriculum Renewal Committee 2023 –present

LSUHSC Faculty Assembly Delegate 2024- present

**Hospital committees:**

UMC Nutrition Committee 2018 - present

 UMC Operating Room Committee 2018 - 2020

 UMC Surgical Block Committee 2019 - 2023

 Led initiative to develop protocol for transparent,

merit based block distribution 2022

 UMC Operating Room Value Analysis Committee 2019 - present

 Co-Chairman 2021 - present

UMC Metabolic and Bariatric Surgery Committee 2019 - present

 Chairman 2019 - present

Led QI Project, “Use of alternate antibiotics and glove changing to decrease SSI after Bypass” 2020

Led QI Project, “Postop 1 week phone calls to decrease readmission related to dehydration” 2021

Led QI Project, “Incorporation of Sleep Medicine to Improve CPAP compliance and decrease wait times for surgery” 2022

Led QI Project, “Screening for Binge Eating Disorder to identify patients at risk for poor bariatric surgery outcomes” 2023

UMC Continuing Quality Meeting 2020 - present

UMC Surgical Services Throughput Committee 2022 - 2023

 **Special assignments:**

UMCNO Bariatric planning group—2018

\*Active role in recruiting multiple FTE for positions including Bariatric Coordinator, Bariatric dietitian, Receptionist, Nursing and other support staff

\*Involved in selecting appropriate equipment and designing bariatric clinic space

\*Developing seminar for patient education

\*Developing order sets and office templates for bariatric surgery

 UMCNO Pre Admit Testing Optimization group—2019

\*Working with PAT, anesthesia, multiple surgery and gastroenterology teams, Operating Room, and Endoscopy Unit to streamline flow and optimize care for patients and providers.

 UMCNO Business Planning Meeting—2020 Proposal in conjunction with

Endocrine Department to Enhance Bariatric Program

 \*Worked with Endocrine Department to draft proposal, film video

and present at meeting

UMCNO Business Planning Meeting—2020 Proposal to start a Sleep

Disorders Treatment Center

 \*Worked with ENT, Pulmonology, Bariatric Surgery, and Sleep

Medicine to draft proposal, film video and present at business

planning meeting

UMCNO VTE Task Force—Created in 2024 to evaluate trends and

develop protocols for reducing perioperative VTE

**National Service**

 **Professional society committees:**

 SAGES Advocacy and Health Policy Committee 2019 – 2021

SAGES Patient Engagement Taskforce 2020

SAGES Course Endorsement Taskforce Subcommittee 2019

SAGES Continuing Education Committee 2019 - present

 ASMBS Insurance Committee 2021 - present

 Co-chair 2022 – 2023

 Chair 2023 - present

**Meeting Chair or Organizer:**

LA ASMBS Annual Meeting Program Chair 2024

SLS Local Organizing Committee—New Orleans, LA 2019

 SLS Academic Day Co-Director and Moderator 2019

14th Annual DOCS (Diabetes, Obesity, and Cardiovascular

disease Summit) Session V: Obesity and Diabetes

Treatment: Surgical Moderator, Cleveland, OH and

Baton Rouge, LA 2019

**Clinical Service**

**In-patient service activities:**

General Surgery Service (Isidore Cohn, Jr. service) -- April 2018 - present

Performing general and minimally invasive surgical procedures, inpatient consultation and treatment at UMCNO and Touro Infirmary. Resident teaching and oversight.

Bariatric Surgery Service -- July 2018 to present

Developed new service line at UMCNO. Outpatient evaluation and workup for surgery, Inpatient consultation and treatment. Instruction and oversight of Tulane and LSU Surgery Residents and MIS/Bariatric Surgery Fellows.

**Clinic coverage:**

St. Charles Clinic—April 2018 - March 2020

Private clinic evaluation of surgical patients

General Surgery Clinic (Cohn’s Clinic)—April 2018 - August 2021

Weekly evaluation of patients with surgical issues, supervision of residents and students.

Bariatric Surgery Clinic—July 2018 – present

Twice-weekly evaluation of pre and post-surgical patients struggling with obesity. Supervision of residents, medical students, and PA students. Collaboration with dietitians, psychologists, and nursing staff to coordinate best care for these patients.

S. Johnson Multispecialty Clinic—March 2020 - July 2022

Private clinic evaluation of surgical patients

**Call:**

Touro Infirmary, approximately 4 days per month--April 2018 - present

**Administrative Responsibilities:**

 **LSUHSC:**

Associate Program Director, Bariatric Surgery Fellowship, June 2020-present

Worked with UMC, Dean Nelson, and Pennington Biomedical Research Center to secure funding for three fellows per year beginning August 2021. Obtained approval from GMEC to create fellowship. Brought program through site visit and obtained provisional status from the Fellowship Council. Developed curriculum and worked with program coordinator to develop interview process. Secured initial two fellows outside of the match process for 2021-2022. Matched two clinical fellows for 2022-2023. Matched two clinical fellows and one research fellow for 2023-2024

 **Hospital:**

Director of Bariatric Surgery

 Ochsner Medical Center—Westbank 2015 - 2018

 Director of Bariatric Surgery

University Medical Center—New Orleans May 2019-present

 Expanded to add Obesity Medicine to bariatric program July 2020

 Expanded to add Sleep Medicine July 2021

**Community Service Activities:**

Assistant Coach, Football in America (FNA), Age 6-7 boys, Fall 2018

Head Coach, Louisiana Fire U10 Soccer, Fall 2019, Spring 2020

Bariatric Surgery Advocate, Summer 2018 to present

Worked with Louisiana Department of Health to Update and Revise Louisiana Medicaid guidelines for workup for bariatric surgery. New guidelines, which expand access to care for Louisiana residents, went into effect, January 1, 2021

Worked with LCMC to include access to care for LCMC employees through a pilot program which went into effect, October 2021

Worked with LA chapter of the ASMBS to promote legislation to increase

access to care for LA patients. Bill requires the Office of Group Benefits to provide coverage for bariatric surgery. Went into effect, January 2022

Boy Scouts of America, Adult Volunteer, March 2022 – present

Advocated along with Louisiana Bariatric Surgeons to promote SB 106, a bill requiring all insurance companies in Louisiana to provide benefits for bariatric surgery, Signed into Law by Gov. Landry June 2024