

## CURRICULUM VITAE

**DATE:** Feb 1, 2022

<b>NAME:</b>	Julie L. Holihan, MD, MS
<b>PRESENT TITLE:</b>	Assistant Professor of Surgery
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<b>CITIZENSHIP:</b>	United States
<b>UNDERGRADUATE EDUCATION:</b>	
2004-2008	University of Arizona, Tucson, Bachelor of Science-Chemistry, <i>Cum Laude</i>
<b>GRADUATE EDUCATION:</b>	
2008-2012	University of Nevada School of Medicine, Reno Doctorate in Medicine
2014-2016	University of Texas Health Science Center at Houston (UTHealth), Master of Science in Clinical Research
<b>POSTGRADUATE TRAINING:</b>	
2012-2016, 2016-2019	Resident in General Surgery UTHealth, Houston, Texas
2014-2016	Clinical Research Fellowship UTHealth, Houston, Texas
2019-2020	Fellow in Minimally Invasive Surgery/Bariatric Surgery UTHealth, Houston, Texas
<b>ACADEMIC APPOINTMENTS:</b>	Assistant Professor McGovern Medical School UTHealth, Houston, TX
	General Surgeon

<b>HOSPITAL APPOINTMENTS:</b>	Lyndon Baines Johnson General Hospital (LBJ) Houston, TX  General Surgeon Memorial Hermann Texas Medical Center Houston, TX
<b>LICENSURE:</b>	Texas (Q1170)- Active
<b>CERTIFICATIONS:</b>	American Board of Surgery, 2020 Advanced Cardiac Life Support Certification 2018 Advanced Trauma and Life Support Certification 2020
<b>PROFESSIONAL ORGANIZATIONS:</b>	
<b>REGIONAL:</b>	
2012-present	Texas Medical Association
<b>NATIONAL:</b>	
2011-present	American College of Surgeons
2008-present	American Medical Association
2014-present	Surgical Infection Society (SIS)
2014-present	Association for Academic Surgery (AAS)
2015-present	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
2020-present	American Society for Metabolic and Bariatric Surgery (ASMBS)
2020-present	Americas Hernia Society (AHS)
<b>HONORS AND AWARDS:</b>	
2014	Best Poster, Abdominal Wall Reconstruction
2015	Best Presentation, Abdominal Wall Reconstruction
2016	Best Presentation, Abdominal Wall Reconstruction
2016	Ranked among "Practice-Changing Hernia Studies" by General Surgery News
2017	Best Project, Resident Quality Improvement Competition
2018	Best Project, Resident Research Day
2021	Young Faculty Award, awarded by surgical residents for excellence in teaching
<b>EDITORIAL POSITIONS:</b>	
2018-Present	Ad Hoc Reviewer for Journal of Surgical Research
2018-Present	Ad Hoc Reviewer for British Journal of Surgery

2019-Present	Ad Hoc Reviewer for World Journal of Surgery
2020-Present	Ad Hoc Reviewer for Laparoscopic, Endoscopic and Robotic Surgery
<b>SERVICE ON McGOVERN MEDICAL SCHOOL AFFILIATED HOSPITAL COMMITTEES</b>	
2021	Grant review committee for applicants to the UTHealth-MD Anderson Population Health Initiative Collaborative Projects Fund.
<b>SERVICE TO THE COMMUNITY</b>	
2022	South Texas American College of Surgeons- Resident Skills Competition Committee
2022	South Texas American College of Surgeons- Hernia Working Group Co-Founder
<b>CURRENT TEACHING RESPONSIBILITIES:</b>	
2021	Division clerkship director- Moody surgery service (3-4 students every 4 weeks), McGovern Medical School
2021	Medical coaching- supervise/critique H&Ps by 3rd year medical students, 8 students per 6 weeks, 3-4 hours each
2022	Problem Based Learning Course facilitator- teach 1 <sup>st</sup> year medical students for 2 hour sessions twice weekly for 2 months
<b>MENTORING ACTIVITIES:</b>	
<i>Medical Students</i>	
2009-2012	Mentor to a BS-MD Student, Jennifer Sawaya University of Nevada School of Medicine
2015	Research mentor to 1 <sup>st</sup> year student in summer research- Blake Henchcliffe, UTHealth, Houston Research mentor to 1 <sup>st</sup> year student in summer research- Thomas Mitchell, UTHealth, Houston
2016	Research mentor to 3 <sup>rd</sup> year medical student in research- Ioana Bondre, UTHealth, Houston
2020-2021	Research mentor to a 2 <sup>nd</sup> year medical student- Hailie Ciomperlik, UTHealth, Houston Research mentor to a 2 <sup>nd</sup> year medical student- Cassandra Mohr, UTHealth, Houston
2020-present	Lecturer, LBJ medical student clerkship didactics- 1 hour lecture per month to ~10 students
2021-2022	Niharika Neela, UTHealth, Houston, Research Elective
2022-present	mentor to a 4 <sup>th</sup> year medical student Krystal Henderson, UTHealth, Houston, Research mentor to 3 <sup>rd</sup> year medical student project
<i>Residents</i>	

2019	Lecturer, Resident ABSITE review: "Hernias"
2020-2021	Lecturer, Resident Educational Conference, every 6 months, didactic lecture to entire general surgery residency program
2020-2021	Lecturer, Resident Educational Conference at LBJ Hospital, monthly 30-minute lecture to ~20 residents
2021-present	Naila Dhanani- clinical/research mentor to a current PGY3 resident
2022-present	Iyad Albustami- research mentor to a PGY1 international resident
2022	Faculty leader- robotic surgery resident course. One day intensive course teaching residents how to operate the DaVinci robot.
<i>Faculty</i>	
2020	Instructor, Literature Review Course, Center for Surgical Trials and Evidence-Based Practice Master's Degree Program, 7 week course, 90 minutes each to ~10 faculty
2021	Guest lecturer, Using Research to Inform Health Care Policy and Practice, Center for Surgical Trials and Evidence-Based Practice Master's Degree Program, 4 hour lecture, to ~30 faculty
<b>CURRENT CLINICAL SERVICE RESPONSIBILITIES:</b>	
Type	General, bariatric, foregut, hernia surgery at Memorial Hermann Hospital Texas Medical Center and Lyndon B Johnson Hospital
<b>CURRENT GRANT SUPPORT:</b>	
2021-	KL2 from the Center for Clinical and Translational Sciences, funded by the National Institute of Health. Surgical repair versus expectant management of occult inguinal hernias. (PI: Holihan) \$120,000 salary support + \$25,000 per year for x 3 years
<b>PAST GRANT SUPPORT:</b>	
2014-2015	Center for Clinical and Translational Sciences Grant funded by the National Institute of Health's Clinical and Translational Science Awards UL1 TR000371. Primary fascial closure for laparoscopic ventral hernia repair (PI: Liang, Mentor: Kao)
2019-2020	\$50,000 Intuitive Clinical Research Grant. Robotic ventral hernia repair (PI: Holihan) \$60,000

## PUBLICATIONS:

### Abstracts/Presentations

1. **Holihan JL**, Roth JS, Martindale RG, Liang MK: Outcomes of Laparoscopic Ventral Hernia Repair Using Coated Mid-Weight Polypropylene versus Polyester Mesh. Poster. (Abdominal Wall Reconstruction 2014, Washington DC)
2. **Holihan JL**, Kao L, Martindale R, Roth JS, Liang M: Adverse Events Following Ventral Hernia Repair: The Vicious Cycle of Cost and Complications. Oral presentation. (Abdominal Wall Reconstruction 2014, Washington DC)
3. Liang MK, Roth JS, Martindale RG, Askenasy EP, **Holihan JL**, Kao LS: Development and Validation of a Staging System for Ventral Hernias: Disease-Patient-Treatment Classification System. Oral Presentation. (Abdominal Wall Reconstruction 2014, Washington DC)
4. **Holihan JL**, Bondre I, Askenasy EP, Greenberg JA, Keith J, Martindale RG, Roth JS, Wray CJ, Kao LS, Liang MK, VHOC Writing Group. Sublay Versus Underlay in Open Ventral Hernia Repair: A Multi-Institutional Risk-Adjusted Comparison. Oral presentation. (Academics Surgical Congress 2015, Las Vegas, NV)
5. **Holihan JL**, Karanjawala B, Ko A, Askenasy EP, Matta EJ, Gharbaoui L, Hasapes JP, Tammisetti VS, Thupili CR, Alawadi Z, Bondre I, Flores JR, Kao LS, Liang MK. Computed Tomography Is Not Reliable in Diagnosing Ventral Hernia Recurrence: A Blinded, Prospective, Multi-Specialty Evaluation. Oral presentation. (South Texas American College of Surgeons 2015, San Antonio, TX).
6. **Holihan JL**, Hafen LR, Liang MK. Laparoscopic Heller Myotomy for Treatment of Achalasia. Video presentation. (South Texas American College of Surgeons 2015, San Antonio, TX).
7. **Holihan JL**, Askenasy EP, Greenberg JA, Keith J, Martindale RG, Roth JS, Ko TC, Kao LS, Liang MK, VHOC Writing Group. Component Separation versus Bridged Repair for Large Ventral Hernias: A Multi-Institutional Risk Adjusted Comparison and Systematic Review. Oral presentation. (Surgical Infection Society 2015)
8. Liang MK, **Holihan JL**, Hwang KO, Barnes AS, Pedroza C, Avritscher EB, Ko TC, Tyson JE, Kao LS. Modifying Risk in Ventral Hernia Patients: A Protocol for an NIH-Supported Randomized Controlled Trial. Oral presentation. (1<sup>st</sup> World Conference on Abdominal Wall Hernia Surgery 2015, Milan, Italy).
9. **Holihan JL**, Nguyen DH, Flores-Gonzalez JR, Alawadi Z, Nguyen MT, Ko TC, Kao LS, Liang MK. Assessment of the Clinical Evidence Behind Management of

Ventral Hernias: A Focused Evaluation of Randomized Controlled Trials, Systematic Reviews, and Meta-Analyses. Oral presentation. (1<sup>st</sup> World Conference on Abdominal Wall Hernia Surgery 2015, Milan, Italy).

10. Hafen LR, **Holihan JL**, Liang MK. Laparoscopic Morgagni Hernia Repair: A Video Case Report. Video presentation. (1<sup>st</sup> World Conference on Abdominal Wall Hernia Surgery 2015, Milan Italy).
11. **Holihan JL**, Alawadi ZM, Flores-Gonzalez JR, Ko TC, Kao LS, Liang MK. Is Non-Operative Management of a Ventral Hernia Safe? A Prospective, Longitudinal Cohort. Oral presentation. (Academic Surgical Congress 2016, Jacksonville, FL).
12. **Holihan JL**, Henschcliffe BE, Mo J, Flores-Gonzalez JR, Ko TC, Kao LS, Liang MK. Is Non-Operative Management Warranted in Ventral Hernia Patients with Comorbidities? A Case-Matched, Prospective, Patient-Centered Study. Oral presentation. (American Surgical Association 2016, Chicago, IL).
13. **Holihan JL**, Flores-Gonzalez JR, Ko TC, Kao LS, Liang MK. How Long is Long Enough to Identify a Surgical Site Infection? Oral presentation. (Surgical Infection Society 2016, Palm Beach, FL).
14. **Holihan JL**, Liang MK. Laparoscopic Lumbar Hernia. Video presentation. (South Texas ACS 2016, San Antonio, TX)
15. **Holihan JL**, Cherla DV, Blair KJ, Chua SS, Hasapes JP, Matta EJ, Shiralkar KG, Surabhi VR, Tammisetti VS, Ko TC, Liang MK. Computed Tomography in Ventral Hernia Diagnosis: Have We Improved: A Quality Improvement Initiative. Oral presentation. (Lyndon B Johnson Resident Quality Improvement Competition, April 2017, Houston, TX)
16. **Holihan JL**, Liang MK, Bernardi K, Cherla DV, Escamilla R, Lew DF, Berger DH, Ko TC, Kao LS. Modifying Risks in Ventral Hernia Patients with Prehabilitation: A Randomized Controlled Trial. Oral presentation. (Resident Research Day, Department of Surgery, 2018, Houston, TX)
17. **Holihan JL**. Laparoscopic repair of an incarcerated, colon-containing diaphragmatic hernia. Video presentation. Americas Hernia Society. Virtual 2020.
18. Ciomperlik H, Mohr C, Dhanani N, Hannon C, Saucedo B, Shah P, Olavarria O, Liang MK, **Holihan JL**. Safety and feasibility of performing benign foregut procedures at a safety-net hospital. Poster. (SAGES, Sept 2021, Las Vegas, NV).
19. Mohr C, Ciomperlik H, Dhanani N, Olavarria O, Hannon C, Hope W, Roth S, Liang MK, **Holihan JL**. Safety and feasibility of performing benign foregut

procedures at a safety-net hospital. Oral presentation. (SAGES, Sept 2021, Las Vegas, NV).

20. **Holihan, JL**, Neela N, Olavarria OA, Dhanani N, Shinde S, Rondon A, Bernardi K, Kao LS, Liang MK. Assessment of Patient and Surgeon Perceptions on Prophylactic Mesh: A Standard Gamble. Oral presentation (South Texas American College of Surgeons, Feb 2022, Houston, TX).

### **Refereed Original Articles in Journals**

1. Goodenough CJ, Ko TC, Kao LS, Nguyen MT, **Holihan JL**, Alawadi Z, Nguyen DH, Flores-Gonzalez JR, Arita NT, Roth JS, Liang MK: Development and Validation of a Risk Stratification Score for Ventral Incisional Hernia Following Abdominal Surgery: Hernia Expectation Rates in Intra-Abdominal Surgery (The HERNIA Project). *J Am Coll Surg*. 2015;220(4): 405-413.
2. **Holihan JL**, Alawadi ZM, Martindale RG, Roth JS, Wray CJ, Kao LS, Liang MK. Adverse Events Following Ventral Hernia Repair: The Vicious Cycle of Complications. *J Am Coll Surg*. 2015;22(2):478-85.
3. **Holihan JL**, Karanjawala B, Ko A, Askenasy EP, Matta EJ, Gharbaoui L, Hasapes JP, Tammisetti VS, Thupili CR, Alawadi ZM, Bondre I, Flores-Gonzales JR, Kao LS, Liang MK, Computed Tomography Is Not Reliable in Diagnosing Ventral Hernia Recurrence: A Blinded, Prospective, Multi-Specialty Evaluation. *JAMA Surgery*. 2015;151(1):7-13.
4. **Holihan JL**, Askenasy EP, Greenberg JA, Keith JN, Martindale RG, Roth JS, Mo J, Ko TC, Kao LS, Liang MK, VHOC writing group. Component Separation versus Bridged Repair for Large Ventral Hernias: A Multi-Institutional Risk Adjusted Comparison, Systematic Review, and Meta-Analysis. *Surg Infect (Larchmt)*. 2015;17(1):17-26.
5. Goodenough CJ, Liang MK, Nguyen MT, Nguyen DH, **Holihan JL**, Alawadi ZM, Roth JS, Wray CJ, Ko TC, Kao LS. Preoperative Glycosylated Hemoglobin and Postoperative Glucose Together Predict Major Complications after Abdominal Surgery. *J Am Coll Surg*. 2015;221(4):854-861.
6. Alawadi ZM, Leal I, Phatak UR, Flores J, **Holihan JL**, Karanjawala B, Millas SG, Kao LS. Facilitators and Barriers of Implementing Enhanced Recovery in Colorectal Surgery at a Safety Net Hospital: A Provider and Patient Perspective. *Surgery*. 2015;159(3):700-12.
7. **Holihan JL**, Nguyen DH, Nguyen MT, Mo J, Kao LS, Liang MK. Mesh Location in Open Ventral Hernia Repair: A Systematic Review and Network Meta-analysis. *World J Surg*. 2015;40(1):89-99.

8. Bondre IL, **Holihan JL**, Askenasy EP, Greenberg JA, Keith JN, Martindale RG, Roth JS, Liang MK. Suture, Synthetic, or Biologic in Contaminated Ventral Hernia Repair. *J Surg Res.* 2015;200(2):488-94.
9. Henschcliffe BE, **Holihan JL**, Flores-Gonzalez JR, Mitchell TO, Ko TC, Kao LS, Liang MK. Barriers to Participation in Preoperative Risk-reduction Programs prior to Ventral Hernia Repair: An Assessment of Underserved Patients at a Safety-Net Hospital. *JAMA Surg.* 2016;151(5):488-490.
10. Wennergren JE, Askenasy EP, Greenberg JA, **Holihan JL**, Keith J, Liang MK, Martindale RG, Trott S, Plymale M, Roth JS. Laparoscopic ventral hernia repair with primary fascial closure versus bridged repair: a risk-adjusted comparative study. *Surg Endosc.* 2016;30(8):3231-8.
11. Liang MK, **Holihan JL**, Itani K, Alawadi ZM, Gonzalez JR, Askenasy EP, Ballecer C, Chong HS, Goldblatt MI, Greenberg JA, Harvin JA, Keith JN, Martindale RG, Orenstein S, Richmond B, Roth JS, Szotek P, Towfigh S, Tsuda S, Vaziri K, Berger DH. Ventral Hernia Management: Expert Consensus Guided by Systematic Review. *Ann Surg.* 2016;265(1):80-89.
12. **Holihan JL**, Bondre I, Askenasy EP, Greenberg JA, Keith JN, Martindale RG, Roth JS, Liang MK. Sublay versus underlay in open ventral hernia repair. *J Surg Res.* 2016;202(1):26-32.
13. Mitchell TO, **Holihan JL**, Askenasy EP, Greenberg JA, Keith JN, Martindale RG, Roth JS, Henschcliffe BE, Hannon CW, Mo J, Liang MK. Do Risk Calculators Accurately Predict Surgical Site Infection in Ventral Hernia Repair? *J Surg Res.* 2016;206(1):56-63.
14. **Holihan JL**, Henschcliffe BE, Mo J, Flores-Gonzalez JR, Ko TC, Kao LS, Liang MK. Is Non-Operative Management Warranted in Ventral Hernia Patients with Comorbidities? A Case-Matched, Prospective, Patient-Centered Study. *Ann Surg* 2016;264(4):585-90.
15. **Holihan JL**, Nguyen DH, Flores-Gonzalez JR, Alawadi ZM, Nguyen MT, Ko TC, Kao LS, Liang MK. A Systematic Review of Randomized Controlled Trials and Reviews in the Management of Ventral Hernias. *J Surg Res.* 2016;204(2):311-8.
16. **Holihan JL**, Li LT, Askenasy EP, Greenberg JA, Keith JN, Martindale RG, Roth JS, Liang MK. Analysis of Model Development Strategies: Predicting Ventral Hernia Recurrence. *J Surg Res.* 2016;206(1):159-167.
17. **Holihan JL**, Flores-Gonzalez JR, Mo J, Ko TC, Kao LS, Liang MK. A Prospective Assessment of Clinical and Patient-Reported Outcomes of Initial Non-Operative Management of Ventral Hernias. *World J Surg.* 2016;264(4):585-90.



18. **Holihan JL**, Flores-Gonzalez JR, Ko TC, Kao LS, Liang MK. How Long is Long Enough to Identify a Surgical Site Infection? *Surg Infect (Larchmt)*. 2017;18(4):419-423.
19. **Holihan JL**, Chen JS, Greenberg J, Hehir D, Johnston SM, Marcus D, Ryan H, Tsuda S, Liang MK. Incidence of Port Site Hernias: A Survey and Literature Review. *Surg Laparosc Endosc Percutan Tech*. 2016;26(6):425-430.
20. Mueck KM, **Holihan JL**, Mo J, Flores-Gonzalez JR, Ko TC, Kao LS, Liang MK. CT Findings Associated with the Risk for Emergency Ventral Hernia Repair. *Am J Surg*. 2016;214(1):42-46.
21. **Holihan JL**, Hannon C, Henschcliffe BE, Mitchell TO, Goodenough C, Flores-Gonzalez JR, Itani K, Olavarria O, Mo J, Ko TC, Kao LS, Liang MK. Ventral Hernia Repair: A Meta-Analysis of Randomized Controlled Trials. *Surg Infect (Larchmt)*. 2017;18(6):647-658.
22. Alawadi ZM, Leal IM, Flores JR, **Holihan JL**, Henschcliffe BE, Mitchell TO, Ko TC, Liang MK, Kao LS. Underserved Patients Seeking Care for Ventral Hernias at a Safety Net Hospital: Impact on Quality of Life and Expectations of Treatment. *J Am Coll Surg*. 2017;224(1):26-34.
23. Olavarria OA, **Holihan JL**, Cherla D, Kao LS, Ko TC, Liang MK. Comparison of Conflict of Interest among Published Hernia Researchers Self-Reported with Centers for Medicare and Medicaid Services Open Payments Database. *J Am Coll Surg*. 2017;224(5):800-804.
24. Cherla DV, Olavarria OA, **Holihan JL**, Viso CP, Hannon C, Kao LS, Ko TC, Liang MK. Discordance of conflict of interest self-disclosure and the Centers of Medicare and Medicaid Services. *J Surg Res*. 2017; 218:18-22.
25. Cherla DV, **Holihan JL**, Flores-Gonzalez JR, Lew DF, Escamilla RJ, Ko TC, Kao LS, Liang MK. Decreasing Surgical Site Infections after Ventral Hernia Repair: A Quality-Improvement Initiative. *Surg Infect*. 2017;18(7):780-786.
26. Cherla DV, Moses ML, Viso CP, **Holihan JL**, Flores-Gonzalez JR, Kao LS, Ko TC, Liang MK. Impact of Abdominal Wall Hernias and Repair on Patient Quality of Life. *World J Surg*. 2017;42:19-25.
27. Cherla DV, Olavarria OA, Bernardi K, Viso CP, Moses ML, **Holihan JL**, Ko TC, Kao LS, Liang MK. Investigation of Financial Conflict of Interest among Published Ventral Hernia Research. *J Am Coll Surg*. 2017;226:230-234.
28. Cherla DV, Lew DF, Escamilla RJ, **Holihan JL**, Cherla AS, Flores-Gonzalez J, Ko TC, Kao LS, Liang MK. Differences of alternative methods of measuring

abdominal wall hernia defect size: a prospective observational study. *Surg Endosc.* 2018;32:1228-1233.

29. **Holihan** JL, Cherla D, Blair KJ, Chua SS, Hasapes JP, Matta EJ, Shiralkar KG, Surabhi VR, Tammisetti VS, Ko TC, Liang MK. Computed tomography in ventral hernia diagnosis: have we improved? A quality improvement initiative. *J Surg Res.* 2018;224:97-101.
30. Hagedorn JC, Myers M, **Holihan** J, Choo AM, Achor TS, Munz JW, Gary JL. The Opioid Epidemic and Patient Satisfaction: A Review of One Institution's Experience. *Current Orthopedic Practice.* 2018;29:530-533.
31. Cherla DV, Viso CP, Moses ML, **Holihan** JL, Ko TC, Kao LS, Andrassy RJ, Liang MK. Clinical assessment, radiographic imaging, and patient self-report for abdominal wall hernias. *J Surg Res.* 2018;227:28-34.
32. Cherla DV, Viso CP, Olavarria OA, Bernardi K, **Holihan** JL, Mueck KM, Flores-Gonzalez J, Liang MK, Adams SD. The Impact of Financial Conflict of Interest on Surgical Research: An Observational Study of Published Manuscripts. *World J Surg.* 2018;42:2757-2762.
33. Liang MK, Bernardi K, **Holihan** JL, Cherla DV, Escamilla R, Lew DF, Berger DH, Ko T, Kao LS. Modifying Risks in Ventral Hernia Patients with Prehabilitation: A Randomized Controlled Trial. *Ann Surg.* 2018;268:674-680.
34. Cherla DV, Viso CP, **Holihan** JL, Bernardi K, Moses, ML, Mueck KM, Olavarria OA, Flores-Gonzalez JR, Balentine CJ, Ko TC, Adams SD, Pedroza C, Kao LS, Liang MK. The Effect of Financial Conflict of Interest, Disclosure Status, and Relevance on Medical Research from the United States. *J Gen Intern Med.* 2019;34:429-434.
35. **Holihan** J, Floyd C, Banki F. A Rare True Epiphrenic Diverticulum in a Patient with Achalasia, Misdiagnosed as a Paraesophageal Hiatal Hernia. *Annals of Clinical Case Reports.* 2019;4:1609.
36. Lyons NB, Bernardi K, Huang L, **Holihan** JL, Cherla D, Martin AC, Milton A, Loor M, Ko TC, Liang MK, Hydo L. Gender Disparity in Surgery: An Evaluation of Surgical Specialties. *Surg Infect (Larchmt).* 2019;20:406-410.
37. Bernardi K, Martin AC, **Holihan** JL, Olavarria OA, Flores-Gonzalez JR, Cherla DV, Lyons NB, Shah P, Kao LS, Ko TC, Liang MK. Is non-operative management warranted in ventral hernia patients with comorbidities? A case-matched, prospective 3 year follow-up, patient-centered study. *Am. J Surg.* 2019; 218(6):1234-1238.

38. Bernardi K, Lyons LB, Huang L, **Holihan JL**, Olavarria OA, Martin AC, Milton AN, Loor MM, Zheng F, Tyson JE, Ko TC, Liang MK. Gender Disparity in Authorship of Peer-Reviewed Medical Publications. *Am J Med Sci* 2019;25:S0002-9629(19)30398-2.
39. Bernardi K, Olavarria OA, **Holihan JL**, Kao LS, Ko TC, Roth JS, Tsuda S, Vaziri K, Liang MK. Primary Fascial Closure During Laparoscopic Ventral Hernia Repair Improves Patient Quality of Life: A Multicenter, Blinded Randomized Controlled Trial (NCT02363790). *Ann Surg.* 2020; 271(3):434-439.
40. Bernardi K, Milton AN, Hope W, Roth JS, Shah SK, Shah P, Lyons NB, Martin AC, **Holihan JL**, Cherla DV, Ko TC, Hughes TG, Liang MK. Are online surgical discussion boards a safe and useful venue for surgeons to ask for advice? A review of the International Hernia Collaboration Facebook Group. *Surg Endosc.* 2020; 34(3):1285-1289.
41. Olavarria OA, Shah P, Bernardi K, Lyons NB, **Holihan JL**, Ko TC, Kao LS, Liang MK. Lack of Regulations and Conflict of Interest Transparency of New Hernia Surgery Technologies. *J Surg Res.* 2020; 247:445-452.
42. Bernardi K, Lyons LB, Huang L, **Holihan JL**, Olavarria OA, Loor MM, Ko TC, Liang MK. Gender Disparity Among Surgical Peer-Reviewed Literature. *J Surg Res.* 2020; 248:117-112.
43. Bernardi K, Shah P, Lyons NB, Olavarria OA, Alawadi ZM, Leal IM, **Holihan JL**, Bass BL, Jakey CE, Kao LS, Ko TC, Kuo PC, Loor MM, Zheng F, Liang MK. Perceptions on gender disparity in surgery and surgical leadership: A multicenter mixed methods study. *Surgery.* 2020; 176(4):743-750.
44. Dhanani NH, Bernardi K, Olavarria OA, Cherla D, Kao LS, Ko TC, Liang MK, **Holihan JL**. Port Site Hernias Following Laparoscopic Ventral Hernia Repair. *World J Surg.* 2020;44(12):4093-4097.
45. Lyons NB, Bernardi K, Olavarria OA, Dhanani N, Shah P, **Holihan JL**, Ko TC, Kao LS, Liang MK. Prehabilitation among Patients Undergoing Non-Bariatric Abdominal Surgery: A Systematic Review. *J Am Coll Surg.* 2020; 231(4):480-489.
46. Olavarria OA, Bernardi K, **Holihan, JL**, Lyons NB, Shah P, Ko TC, Kao LS, Liang MK. Prevalence and Impact on Quality of Life of Occult Hernia among Patients Undergoing Computed Tomography. *J Surg Res.* 2020; 253:121-126.
47. Martin AC, Lyons NB, Bernardi K, **Holihan JL**, Cherla DV, Flores JR, Huang L, Milton A, Shah P, Kao LS, Ko TC, Liang MK. Expectant Management of Patients with Ventral Hernias. *World J Surg.* 2020;44(8):2572-2579.

48. Olavarria OA, Dhanani NH, Bernardi K, **Holihan JL**, Bell CS, Ko TC, Liang MK. Prophylactic Mesh Reinforcement for Prevention of Midline Incisional Hernias: A Publication Bias Adjusted Meta-Analysis. *Ann Surg*. 2020 [Epub ahead of print]
49. Ciomperlik H, Dhanani NH, Cassata N, Mohr C, Bernardi K, **Holihan JL**, Lyons N, Olavarria O, Ko TC, Liang MK. Patient quality of life before and after ventral hernia repair. *Surgery* 2020;169(5):1158-1163.
50. Bernardi K, Olavarria OA, Dhanani NH, Lyons N, **Holihan JL**, Cherla DV, Berger DH, Ko TC, Kao LS, Liang MK. Two Year Outcomes of Prehabilitation Among Obese Patients with Ventral Hernias: A Randomized Controlled Trial. *Ann Surg* 2020;275(2):288-294.
51. Dhanani NH, Olavarria OA, Millas S, Askenasy EP, Ko TC, Liang MK, **Holihan JL**. Is Robotic surgery feasible at a safety net hospital? *Surg Endosc*. 2021;35(8):4452-4458.
52. Dhanani NH, Olavarria OA, **Holihan, JL**, Shah SK, Wilson TD, Loor MM, Ko TC, Kal LS, Liang MK. Robotic versus Laparoscopic Ventral Hernia Repair: One-Year Results from a Prospective, Multicenter, Blinded Randomized Controlled Trial. *Ann Surg*. 2021;273(6):1076-1080.
53. Lyons NB, Bernardi K, Olavarria OA, Shah P, Dhanani N, Loor M, **Holihan JL**, Liang MK. Gender Disparity Among American Medicine and Surgery Physicians: A Systematic Review. *Am J Med Sci* 2021;361(2):151-168.
54. Dhanani NH, Olavarria OA, Bernardi K, Lyons NB, **Holihan JL**, Loor M, Haynes AB, Liang MK. The Evidence Behind Robot-Assisted Abdominopelvic Surgery: A Systematic Review. *Ann Intern Med* 2021;174(8):1110-1117.
55. Cowling JC, Zhang X, Bajwa KS, Elliot EG, Felinski MM, **Holihan J**, Scerbo M, Snyder BE, Trahan MD, Wilson TC, Courtney SL, Klein CL, Rivera AR, Wilson EB, Shah SK, Cattano D. Thromboelastography-Based Profiling of Coagulation Status in Patients Undergoing Bariatric Surgery: Analysis of 422 Patients. *Obes Surg* 2021;31(8):3590-3597.
56. Dhanani NH, Olavarria OA, Bell CS, **Holihan JL**, Liang MK. Randomized controlled trials published on patients with hernias have a high percentage of unreproducible statistics. *Hernia* 2021 [Epub ahead of print]
57. CODA Collaborative, Davidson GH, Flum DR, Monsell SE, Kao LS, Voldal EC, Heagerty PJ, Fannon E, Lavalley DC, Bizzell B, Lawrence SO, Comstock BA, Krishnadasan A, Winchell RJ, Self WH, Thompson CM, Farjah F, Park PK, Alam HB, Saltzman D, Moran GJ, Kaji AH, DeUgarte DA, Salzberg M, Ferrigno L, Mandell KA, Price TP, Siparsky N, Glaser J, Ayoung-Chee P, Chiang W, Victory J, Chung B, Carter DW, Kutcher ME, Jones A, **Holihan J**, Liang MK, Faine BA,

Cuschieri J, Evans HL, Johnson J, Patton JH, Coleman N, Fischkoff K, Drake FT, Sanchez SE, Parsons C, Odom SR, Kessler LG, Talan DA. Antibiotics versus Appendectomy for Acute Appendicitis - Longer-Term Outcomes. *N Engl J Med*. 2021;385(25):2395-2397.

58. Mohr C, Ciomperlik H, Dhanani N, Olavarria OA, Hannon C, Hope W, Roth S, Liang MK, **Holihan JL**. Review of SAGES GERD guidelines and recommendations. *Surg Endosc*. 2022 . [Epub ahead of print]

59. Dhanani NH, Saucedo B, Olavarria OA, Bernardi K, **Holihan JL**, Ko TC, Kao LS, Liang MK. Is expectant management warranted in patients with ventral hernias and co-morbidities? A prospective, 5 year follow-up, patient-centered study. *Am J Surg*. 2022. [Epub ahead of print]

### Invited Articles and Letters to the Editor

1. **Holihan JL**, Kao LS, Liang MK. Use of Computed Tomography in Diagnosing Ventral Hernia Recurrence. *JAMA Surg*. 2016;151(5):492-3.
2. **Holihan JL**, Liang MK. Nomenclature in Ventral Hernia Repair. *World J Surg*. 2018;42:1904-1905.

### Chapters

1. **Holihan JL**, Liang MK. Abdominal Wall Hernias, *Common Problems in Acute Care Surgery* 2<sup>nd</sup> ed, in press.
2. **Holihan JL**, Liang MK. Laparoscopic Component Separation, *Operative Dictations in General and Vascular Surgery 3<sup>rd</sup> edition*. Eds. Jamal J Hoballah, Carol E. H. Scott-Conner, Hui Sen Chong. New York: Springer, 2017. 457-459.
3. **Holihan JL**, Liang MK. Transversus Abdominus Release, *Operative Dictations in General and Vascular Surgery 3<sup>rd</sup> edition*. Eds. Jamal J Hoballah, Carol E. H. Scott-Conner, Hui Sen Chong. New York: Springer, 2017. 461-462.
4. **Holihan JL**, Liang MK. Umbilical Hernia, *Textbook of Hernia* 1<sup>st</sup> edition. Eds. William W. Hope, William S. Cobb, Gina L. Adrales. Cham, Switzerland: Springer, 2017. 305-316.
5. **Holihan JL**, Alawadi ZM, Goodenough CJ, Harris JW, Harvin J, Roth JS, Shah SK, Walker PA, Kao LS, Liang MK, Ko TC. Ventral Hernia: Patient Selection, Treatment and Management. *Current Problems in Surgery*. 2016;53(7):307-54.
6. **Holihan JL**, Liang MK. Incisional, Epigastric, and Umbilical Hernias. *Current Surgical Therapy*, 13<sup>th</sup> Edition. 2019. Ch 118.

7. **Holihan JL**, Felinski MM, Wilson TD, Bajwa KS, Shah SK, Wilson EB. Approach to the Redo Paraesophageal Hernia Repair. *Annals of Laparoscopic and Endoscopic Surgery*. 2021;6:31.
8. **Holihan JL**, Wilson EB. Duodenal Switch and Its Derivatives in Bariatric and Metabolic Surgery: A Comprehensive Clinical Guide. Springer Nature. [In publication]

## **Other Professional Communications**

### *1. Presentations- Local/Regional*

- a. Liang MK, **Holihan JL**. Is it Safe at the County? UTHealth, Department of Surgery Grand Rounds. Houston, TX 2017. Invited lecture
- b. **Holihan JL**, Liang MK. The Great Debate: Hernias. South Texas American College of Surgeons. 2019, Austin, TX. Meeting.
- c. **Holihan JL**. Hernias and Obesity. UTHealth, Department of Surgery, Grand Rounds. Houston, TX 2019. Invited lecture.
- d. **Holihan JL**. Sports Hernias and Other Unusual Hernias. UTHealth, Department of Surgery, Grand Rounds, 2020, Houston, TX. Invited lecture.
- e. Holihan JL, Lu R. South Texas American College of Surgeons Hernia Working Group Introduction. South Texas American College of Surgeons, Houston, TX 2022. Invited lecture.

### *2. Presentations- National*

- a. **Holihan JL**, Liang MK. Level 1 Evidence in Ventral Hernia Repair. SAGES Boston, Massachusetts 2016. Invited lecture.
- b. **Holihan JL**. Hernias and obesity: The How. Surgical Disruptive Technology Summit. Houston, TX 2019. Invited lecture.