

# Colorectal Research Center

VANDERBILT  UNIVERSITY  
MEDICAL CENTER

## Colorectal Research Newsletter – Summer 2024

<b>FELLOWSHIP</b>	In August, we will say goodbye to our 2023-24 Fellow, <b>Erin Wolf-Horrell</b> . She is off to a faculty position at the University of Kentucky. At the same time, we welcome our 2024-25 fellow, <b>Phillip Williams</b> , from the University of Toronto.
<b>STAFFING</b>	We also welcome <b>Danish Ali</b> , who will be joining our group as a research assistant from Aga Khan University in Pakistan.  VUMC Medical Student <b>Adam Fahey</b> will be joining the group for his research immersion project examining barriers to an antibiotic free approach to acute uncomplicated diverticulitis.
<b>GRANTS</b>	<b>Aimal Khan</b> was awarded two grants. The first was from the Association for Surgical Education (ASE) Research Foundation on a project “Development and Validation of the Clutch Proficiency Index (CPI)”. The second was from the Vanderbilt Institute for Surgery and Engineering for a project titled “Development of an objective and reproducible method of measuring anastomotic tension.”  <b>Thomas Ueland</b> was awarded a SAGES Medical Student Research Award for his project titled “Clinically Significant Thresholds for Patient-reported Outcomes after Crohn’s-related Bowel Resection”.  <b>Samuel Younan</b> was awarded a position on the VUMC Gastroenterology T32 program.
<b>CURRENT RESEARCH</b>	<b>Dr. Ayesiga Herman</b> visited our center from Tanzania in early 2024 as part of his NCI funded project with the GI SPORE to investigate molecular characteristics of colorectal cancer in Tanzania.  <b>Dr. Younan</b> is working on a project to assess decisional conflict in patients considering colectomy for diverticulitis.  <b>Drs. Ford and Wolf-Horrell</b> continue their work on a preoperative weight loss program for our patients suffering from morbid obesity.  <b>Drs. Hawkins, Khan and McChesney</b> are working on a study examining a novel treatment for anal fistula.
<b>PAPERS PUBLISHED</b>	The group had 13 papers published in the first half of 2024. They follow on the next page.  <b>Dr. Beck</b> was the lead author on “THE LEGACY CONTINUES: A history of the ASCRS and Affiliated Organizations: 1999-2024.”). ASCRS, Springer 2024. ISBN 978-3-031-52892-7.
<b>PRESENTATIONS</b>	The section had <b>five</b> separate research abstracts presented at the 2024 <i>American Society of Colon &amp; Rectal Surgeons</i> meeting. Abstracts were authored by <b>Drs. Fa, Younan, and Shroder along with multiple faculty members</b> . Three of these were selected for oral presentations!  <b>Drs. Ford, McChesney and Khan</b> all presented talks at this year’s ASCRS meeting.
<b>APPOINTMENTS</b>	<b>Dr. Hawkins</b> was appointed to the editorial board of <i>Annals of Surgery</i> .
<b>DEADLINES</b>	The deadline for abstract submission for the <b>2025 AAS/SUS Academic Surgical Congress</b> is Friday, August 9, 2024 @ 11:59 PM EDT.  The deadline for abstract submission for the <b>2025 ASCRS Meeting</b> is Tuesday, October 15, 2024, 11:59 pm EST.
<b>WEBPAGE</b>	Visit our webpage and support our work! <a href="https://www.vumc.org/vcrg/homepage">https://www.vumc.org/vcrg/homepage</a>
<b>COMMENTS, CORRECTIONS, COLLABORATION</b>	Contact Alexander Hawkins at <a href="mailto:alex.hawkins@vumc.org">alex.hawkins@vumc.org</a> or +1.617.480.9014.

## Published papers:

- Hawkins AT, Davis BR, Bhama AR, Fang SH, Dawes AJ, Feingold DL, Lightner AL, Paquette IM; Clinical Practice Guidelines Committee of the American Society of Colon and Rectal Surgeons. The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Management of Hemorrhoids. *Dis Colon Rectum*. 2024 May 1;67(5):614-623. doi: 10.1097/DCR.0000000000003276. Epub 2024 Jan 31. PMID: 38294832.
- Muldoon RL, Bethurum AJ, Gamboa AC, Zhang K, Ye F, Regenbogen SE, Abdel-Misih S, Ejaz A, Wise PE, Silviera M, Holder-Murray J, Balch GC, Hawkins AT. Comparison of Outcomes for Abdominoperineal Resection versus Low Anterior Resection for Very-Low Rectal Cancer. *J Gastrointest Surg*. 2024 Jun 17:S1091-255X(24)00500-6. doi: 10.1016/j.gassur.2024.06.008. Epub ahead of print. PMID: 38897287.
- Shroder M, Ford MM, Ye F, Zhao Z, Khan A, McChesney S, Hopkins MB, Hawkins AT. Development of a Predictive Nomogram for Circumferential Resection Margin in Rectal Cancer Surgery. *J Surg Res*. 2024 Apr;296:532-540. doi: 10.1016/j.jss.2023.12.047. Epub 2024 Feb 8. PMID: 38335901; PMCID: PMC10947808.
- Hawkins AT, Penson DF, Geiger TM, Bonnet KR, Mutch MG, Maguire LH, Schlundt DG, Rothman RL. The Patient Perspective on Colectomy for Recurrent Diverticulitis: A Qualitative Study. *Ann Surg*. 2024 May 1;279(5):818-824. doi: 10.1097/SLA.0000000000006225. Epub 2024 Feb 6. PMID: 38318711; PMCID: PMC10997445.
- Ueland TE, Horst SN, Shroder MM, Ye F, Bai K, McCoy AB, Bachmann JM, Hawkins AT. Surgically-relevant quality of life thresholds for the Short Inflammatory Bowel Disease Questionnaire in Crohn's disease. *J Gastrointest Surg*. 2024 May 28:S1091-255X(24)00479-7. doi: 10.1016/j.gassur.2024.05.027. Epub ahead of print. PMID: 38815800.
- Parascandola SA, McChesney SL, Khan A. Construction of an Endoluminal Vacuum Using Readily Available Supplies for the Management of Leak After IPAA. *Dis Colon Rectum*. 2024 Apr 1;67(4):e248-e249. doi: 10.1097/DCR.0000000000003007. Epub 2023 Dec 27. PMID: 38150311.
- Ali D, Syed M, Gamboa AC, Hawkins AT, Regenbogen SE, Holder-Murray J, Silviera M, Ejaz A, Balch GC, Khan A. Association of omental pedicled flap with anastomotic leak following low anterior resection for rectal cancer. *J Surg Oncol*. 2024 Apr;129(5):930-938. doi: 10.1002/jso.27572. Epub 2024 Jan 2. PMID: 38167808.
- Hrebinko K, Anto VP, Reitz KM, Gamboa AC, Regenbogen SE, Hawkins AT, Hopkins MB, Ejaz A, Bauer PS, Wise PE, Balch GC, Holder-Murray J. Prophylactic defunctioning stomas improve clinical outcomes of anastomotic leak following rectal cancer resections: An analysis of the US Rectal Cancer Consortium. *Int J Colorectal Dis*. 2024 Mar 18;39(1):39. doi: 10.1007/s00384-024-04600-3. PMID: 38498217; PMCID: PMC10948474.
- Mirza MB, Gamboa AC, Irlmeier R, Hopkins B, Regenbogen SE, Hrebinko KA, Holder-Murray J, Wiseman JT, Ejaz A, Wise PE, Ye F, Idrees K, Hawkins AT, Balch GC, Khan A. Association of Surgical Approaches and Outcomes in Total Mesorectal Excision and Margin Status for Rectal Cancer. *J Surg Res*. 2024 Jun 13;300:494-502. doi: 10.1016/j.jss.2024.05.032. Epub ahead of print. PMID:38875948.
- Bauer PS, Gamboa AC, Otegbeye EE, Chapman WC, Rivard S, Regenbogen S, Mohammed M, Holder-Murray J, Wiseman JT, Ejaz A, Edwards-Hollingsworth K, Hawkins AT, Hunt SR, Balch G, Silviera ML. Short-course radiation with consolidation chemotherapy does not increase operative morbidity compared to long-course chemoradiation: A retrospective study of the US rectal cancer consortium. *J Surg Oncol*. 2024 Feb;129(2):254-263. doi: 10.1002/jso.27468. Epub 2023 Oct 4. PMID: 37792637; PMCID: PMC10872853.
- Shou M, Habib DRS, Idrees K, Hawkins A, Ford M, Lee H, Khan B, Khan A. Impact of neoadjuvant immunotherapy on postoperative complications after surgery for rectal cancer. *J Surg Oncol*. 2024 May 27. doi: 10.1002/jso.27694. Epub ahead of print. PMID: 38798244.
- Rafaqat W, Lagazzi E, McChesney S, Smith MC, UrRahman M, Lee H, DeWane MP, Khan A. To Resect or Not to Resect: A Nationwide Comparison of Management of Sigmoid Volvulus. *J Surg Res*. 2024 Mar 13;297:101-108. PMID: 38484451.
- Sohail AH, Ye IB, Martinez KA, Campos MA, Sohail S, Williams CE, Khan MS, Bhatti U, Hakmi H, Akhtar A, Quazi MA, Sheikh AB, Goyal A, Khan A. Colon and Rectal Surgery Fellowship Applicant and Matching Trends in the United States: An Analysis of National Resident Matching Program Data. *Am Surg*. 2024 May;90(5):985-990. PMID: 38054447.