

## CURRICULUM VITAE

**Sajid A. Khan, MD**

**Version date:** December 1, 2025

**Appointment:** Associate Professor, Department of Surgery, Division of Surgical Oncology, Section of Hepatopancreatobiliary & Mixed Tumors

**Proposed for:** Promotion to Professor, Department of Surgery, Division of Surgical Oncology, Yale School of Medicine

**Term:** *Primary Appointment:* beginning July 1, 2019 – present

**School:** Yale University School of Medicine

### Administrative Positions:

01/2020-present Co-Director, Team Science, Yale Center for Clinical Investigation, Yale University School of Medicine, New Haven, CT

03/2021-present Chief, Section of Hepatopancreatobiliary (HPB) and Mixed Tumors, Department of Surgery, Yale University School of Medicine, New Haven, CT

03/2021-present Co-Leader, Advanced Hepatobiliary Disease Program, Yale Cancer Center-Yale New Haven Health System, New Haven, CT

### Education:

08/1995-05/1999 BS, Biology, Siena College, Loudonville, NY

08/1999-05/2003 MD, State University of New York, Upstate Medical University, Syracuse, NY

### Career/Academic Appointments:

07/2003-06/2004 Internship, General Surgery  
Albert Einstein College of Medicine/Montefiore Medical Center, Bronx, NY

07/2004-06/2005 Residency, General Surgery  
Albert Einstein College of Medicine/Montefiore Medical Center, Bronx, NY

07/2005-06/2007 T32 Research Fellowship, Surgical Oncology  
Memorial Sloan-Kettering Cancer Center, New York, NY

07/2007-06/2010 Residency, General Surgery Residency  
Oregon Health and Science University, Portland, OR

07/2010-06/2013 Fellowship, Surgical Oncology  
University of Chicago Medical Center/NorthShore University Health System, Chicago, IL

09/2013-06/2019 Assistant Professor of Surgery (Oncology), Department of Surgery, Yale University School of Medicine, New Haven, CT

07/2019-present Associate Professor of Surgery (Oncology), Department of Surgery, Yale University School of Medicine, New Haven, CT

**Board Certification:**

2012-2022	American Board of Surgery, General Surgery, Initial Certification #056992
2015-2025	American Board of Surgery, Complex Surgical Oncology, Certific #000025
2022-2024	American Board of Surgery, General Surgery, Recertification #056992
2024-present	American Board of Surgery, General Surgery, Recertification #056992
2025-present	American Board of Surgery, Complex Surgical Oncology, Recertification #000025

**Professional Development/Advanced Training:**

06/2016	Surgeons as Leaders: From Operating Room to Boardroom American College of Surgeons, Division of Education Durham, NC
09/2019-05/2020	Yale Medicine Emerging Leaders Program Yale School of Management New Haven, CT
09/2020-05/2021	Yale Medicine Advanced Emerging Leaders Program Yale School of Management New Haven, CT
03/2021-09/2021	Inclusive Leadership Development Lab Women in Medicine University of Illinois College of Medicine, IL
02/2023	Mid-Career Academic Surgery Professional Development Course Society of University Surgeons Houston, TX
04/2025	So You Want to Be a Chair Seminar Society of Surgical Chairs and American College of Surgeons Washington, D.C.
06/2025	Cultivating Conversation: Improve Your Effectiveness With Conscious Listening Yale School of Management New Haven, CT
02/2026	Executive Healthcare Leadership Academy The University of Alabama at Birmingham and Society of Asian American Surgeons Birmingham, AL (pending)

**Research Programmatic Development:**

06/2019-01/2020	Co-Director, Yale Cancer Center, Microbiome Colorectal Cancer Biobank
01/2020-present	Co-Director, Yale Center for Clinical Investigation, Team Science
03/2021-02/2022	Co-Director, Yale Cancer Center, Microbiome Colorectal Cancer Biobank

10/2021-present	Internal Advisory Board, Yale School of Medicine, Dean's Office, Office of Team Science, Promotion of Interdisciplinary Team Science (POINTS) program
05/2023-present	Chair, Society for Surgery of the Alimentary Tract, Research Committee

### **Clinical Programmatic Development:**

09/2013-present	Site Director, Surgical Oncology Program at Yale Cancer Center-Smilow Cancer Hospital-Yale Health System at Bridgeport Hospital <ul style="list-style-type: none"> <li>1,000<sup>th</sup> surgery performed on May 24, 2022</li> </ul>
08/2015-present	Surgical Oncology Leader, Oncology Clinical Program Team, Yale New Haven Health System-Yale Cancer Center at Bridgeport Hospital <ul style="list-style-type: none"> <li>Maturation of multi-disciplinary cancer specialties in thoracic surgery, colorectal surgery, head and neck surgery, medical oncology, interventional radiology, body radiology, and gastrointestinal pathology</li> </ul>
09/2016-present	Member, Park Avenue Medical Center-Yale Cancer Center Advisory Board <ul style="list-style-type: none"> <li>Development of multi-disciplinary ambulatory center</li> </ul>
10/2023-01/2024	Chair, Committee on Standardization of Gastrointestinal Stromal Tumor Molecular Profiling - Yale Cancer Center-Smilow Cancer Hospital-Yale Health System <ul style="list-style-type: none"> <li>Creation of reflex molecular testing for GIST across 5 hospitals</li> </ul>
05/2023-present	Co-Director, Hepatic Arterial Infusion Pump Program, Yale Cancer Center-Smilow Cancer Hospital-Yale Health System at Yale New Haven Hospital <ul style="list-style-type: none"> <li>1<sup>st</sup> accrual: 3/29/24, total accrual: 20</li> </ul>
06/2023-09/2023	Chair, Committee on Standardization of Hepatectomy, GI Oncology Care Signature Pathways: Yale Cancer Center-Smilow Cancer Hospital-Yale Health System <ul style="list-style-type: none"> <li>Creation of standardized ERAS liver surgery clinical pathways across 5 hospitals</li> </ul>
06/2023-09/2023	Chair, Committee on Standardization of Pancreatectomy, GI Oncology Care Signature Pathways - Yale Cancer Center-Smilow Cancer Hospital-Yale Health System <ul style="list-style-type: none"> <li>Creation of standardized ERAS pancreas surgery clinical pathways across 5 hospitals</li> </ul>
02/2024-06/2024	Chair, Committee on Staging Laparoscopy, GI Oncology Care Signature Consensus: Yale Cancer Center-Smilow Cancer Hospital-Yale Health System <ul style="list-style-type: none"> <li>Standardized staging laparoscopy across 5 hospitals: pancreas cancer, colorectal cancer liver metastasis, intrahepatic cholangiocarcinoma, gastric cancer</li> </ul>

### **Professional Honors & Recognition:**

#### ***International/National/Regional***

1996:	Presidential Scholar, Siena College, Loudonville, NY
1997:	Presidential Scholar, Siena College, Loudonville, NY
1998:	President Biology Club, Siena College, Loudonville, NY
1998:	Presidential Scholar, Siena College, Loudonville, NY
1999:	Magna Cum Laude, Siena College, Loudonville, NY
2001:	Co-Founder/Coordinator of Adopt-A-School Program, Syracuse, NY

- 2001: Coordinator of Syracuse Health Fair, Upstate Medical University, Syracuse, NY
- 2004: Nicholae Vasilescu Intern of the Year Albert Einstein College of Medicine/Montefiore Surgery Banquet
- 2008: Moseley Award - Best Basic Science Research Presentation, Portland Surgical Society, 61<sup>st</sup> Annual Scientific Symposium
- 2008: Baker-Moseley Award - Best Clinical Research Presentation, American College of Surgeons, WA/OR Chapter Meeting
- 2008: Martin Howard Memorial Award - Best Basic Science and Clinical Research Paper, Oregon Health and Science University, Surgery Banquet
- 2008: 1<sup>st</sup> Prize, Resident Award - Outstanding Research Presentation, Northwest Society of Colorectal Surgeons, Annual Meeting
- 2009: Plenary Presentation Selected for Top Abstracts for Meeting, Society of Surgical Oncology
- 2010: Donald D. Trunkey Ethics and Professionalism Award, Oregon Health and Science University, Surgery Banquet
- 2014: Yale New Haven Health at Bridgeport, Platinum Quality Award
- 2015: General Surgery Resident Faculty Teaching Award, Yale University School of Medicine, Yale New Haven Health System, Surgery Banquet
- 2015: Yale New Haven Health, Smilow Cancer Hospital at Bridgeport, Platinum Quality Award
- 2015: Regional Top Doctor, Surgery, Castle Connolly
- 2016: Yale New Haven Health, Smilow Cancer Hospital at Bridgeport, Platinum Quality Award
- 2016: New York Metro Area Top Doctor, Surgery, Castle Connolly
- 2017: Yale New Haven Health, Smilow Cancer Hospital at Bridgeport, Platinum Quality Award
- 2017: New York Metro Area Top Doctor, Surgery, Castle Connolly
- 2017: Scholar Award, Yale Center for Clinical Investigation
- 2018: Yale New Haven Health, Smilow Cancer Hospital at Bridgeport, Platinum Quality Award
- 2018: Fairfield County's Top Doctors, Westport Magazine
- 2018: Capstone Mentor, Frank H. Netter MD School of Medicine
- 2018: Nominee for Honors in Medical Student Thesis (Mentor), Yale School of Medicine
- 2018: New York Metro Area Top Doctor, Surgery, Castle Connolly
- 2018: Plenary Presentation Selected for Top Abstracts, Digestive Disease Week, Society for Surgery of the Alimentary Tract
- 2018: Clinical Science Award Winner (Mentor), New England Surgical Society Annual Meeting
- 2019: Yale New Haven Health, Smilow Cancer Hospital at Bridgeport, Platinum Quality Award
- 2019: Poster Grand Rounds Top 25% Scoring Posters, Society of Surgical Oncology Scientific Program Committee
- 2019: Poster Grand Rounds Top 5 Scoring Posters, Society of Surgical Oncology Scientific Program Committee
- 2019: Regional Top Doctor, Surgery, Castle Connolly
- 2020: Yale New Haven Health, Smilow Cancer Hospital at Bridgeport, Platinum Quality Award
- 2020: Regional Top Doctor, Surgery, Castle Connolly
- 2021: Best Doctors, Connecticut Magazine
- 2021: Yale New Haven Health, Smilow Cancer Hospital at Bridgeport, Platinum Quality Award
- 2021: Regional Top Doctor, Surgery, Castle Connolly
- 2021: Editorial Board, Annals of Surgical Oncology
- 2022: First Prize, American College of Surgeons CT Chapter Meeting
- 2022: Regional Top Doctors in America, Surgery, Castle Connolly
- 2022: Society of University Surgeons, Membership Induction
- 2022: Basic Science Research Second Place, American College of Surgeons Clinical Congress Medical Student Education
- 2023: Medical Student Thesis Prize in Genomics (Mentor), Yale School of Medicine
- 2023: Regional Top Doctors in America, Surgery, Castle Connolly
- 2023: Research Prize, Population Science, Yale Cancer Center Annual Conclave

- 2023: Plenary Podium Presentation, International Conference on Surgical Cancer Care, Society of Surgical Oncology
- 2023: Plenary Podium Presentation, Digestive Disease Week, Society for Surgery of the Alimentary Tract
- 2023: Chair of Research Committee, Society for Surgery of the Alimentary Tract
- 2024: Regional Top Doctors in America, Surgery, Castle Connolly
- 2024: Surgical Biology Club, Membership Induction
- 2025: Editorial Board, Indian Journal of Surgery
- 2025: Regional Top Doctors in America, Surgery, Castle Connolly
- 2025: India Chapter Travel Award, Society for Surgery of the Alimentary Tract
- 2025: Study Section, Mechanisms of Cancer Therapeutics B, National Institutes of Health (Invitation)
- 2025: Editorial Board, Journal of the American Medical Association (JAMA) Oncology
- 2025: Elected Member-at-Large, Nominating Committee, Society of University Surgeons
- 2025: Associate Editor (Pancreas) of Editorial Board, Journal of Surgical Oncology

**Grant/Clinical Trials History:**

***Current/Recent Grants***

Grant: NIH Research Project Grant

Sponsor: NIH-NCI

Role: *Principal Investigator (MPI), Yale University*

I.D.# R01 CA258906-01A1

Title: "Role and regulation of asparagine in colorectal cancer"

Grant Period: 01/01/2025-12/31/2029

Grant status: Funded

Award Amount: \$3,440,460

Grant: NIH Research Project Grant

Sponsor: NIH-NCI

Role: *Principal Investigator (MPI), Yale University*

I.D.# R21CA280372-01A1

Title: "Identification of metabolic niches in African Americans with colorectal cancer"

Grant Period: 12/15/2023-11/30/2025

Grant status: Funded

Award Amount: \$430,685

Grant: NIH Research Project Grant

Sponsor: NIH-NCI

Role: *Principal Investigator (MPI), Yale University*

I.D.# R21CA280372-01A1

Title: "Identification of metabolic niches in African Americans with colorectal cancer"

Grant Period: 12/1/2025-11/30/2026

Grant status: Funded

Award Amount: No Cost Extension

Grant: Iris and Andrew Morse Cancer Research Grant

Sponsor: Yale Cancer Center

Role: *Principal Investigator (MPI), Yale University*

Title: "Using Kraken TCGA microbial detection to identify intratumor microbiome that link to T cell responses and prognosis in CRC"

Grant Status: Funded

Award Amount: \$50,000

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Co-Investigator, Yale University*  
I.D.# R01 CA256530-01A1  
Title: “Role of immune regulation in colorectal cancer chemotherapeutic response”  
Grant Period: 09/1/2021-08/31/2026  
Grant status: Funded  
Award Amount: \$2,534,270

***Current Clinical Trials***

Agency: Yale Comprehensive Cancer Center, Genentech, Inc.  
Role: *Sub-Investigator, Yale University*  
Title: “A Phase Ib/II, Open-Label, Multicenter, Randomized Platform Study Evaluating The Efficacy and Safety of Neoadjuvant Immunotherapy Combinations in Patients With Surgically Resectable Hepatocellular Carcinoma (MORPHEUS-NEO HCC)”  
Project Period: 12/4/2023-present

Agency: Eastern Cooperative Oncology Group-American College Radiology Imaging Network (ECOG ACRIN)  
Role: *Sub-Investigator, Yale University*  
Title: “A Randomized Phase III Study of Neoadjuvant Chemotherapy Followed by Surgery Versus Surgery Alone for Patients With High Risk RetroPeritoneal Sarcoma (RPS)”  
Project Period: 11/30/2023-present

Agency: Yale Comprehensive Cancer Center  
Role: *Co-Investigator, Yale University*  
Title: “A Prospective, Multi-Center Investigational Study of IMMray PancCan Diagnostic Platform for Early Detection of Pancreatic Ductal Adenocarcinoma in High-Risk Populations (PANCFAM-1)”  
Project Period: 6/1/2019-present

Agency: Yale Comprehensive Cancer Center  
Role: *Co-Investigator, Yale University*  
Title: “Identification of Genomic Markers That Characterize Metastatic Colorectal Cancer”  
Project Period: 01/19/2018-present

Agency: Yale Comprehensive Cancer Center  
Role: *Co-Investigator, Yale University*  
Title: “Phase II Study to Evaluate Neoadjuvant Modified FOLRIFINOX and Stereotactic Body Radiation Therapy in Borderline Resectable Pancreatic Adenocarcinoma”  
Project Period: 6/1/2017-present

Agency: National Institutes of Health/National Cancer Institute, Southwest Oncology Group  
Role: *Principal Investigator, Yale University*  
I.D.# U10CA0347429 NCI-2012-02067 S0820  
Title: “A Double-Blind Placebo-Controlled Trial of Eflornithine and Sulindac to Prevent Recurrence of High-Risk Adenomas and Second Primary Colorectal Cancers in Patients with Stage 0-III Colon Cancer, Phase III - Preventing Adenomas of the Colon with Eflornithine and Sulindac”  
Project Period: 03/05/2014-present  
Award Amount: \$61,260  
*\*Yale University #3 in national accrual*

***Past Grants***

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R21CA223686-02  
Title: “Understanding sex differences in colon cancer metabolism”  
Grant Period: 06/01/2019-11/30/2020  
Award Amount: \$400,744, no cost extension

Grant: American Cancer Society Research Project Grant  
Sponsor: American Cancer Society  
Role: *Collaborator, Yale University*  
I.D.# RSG-20-065-01-TBE  
Title: “Understanding colon cancer heterogeneity by metabolomics”  
Grant Period: 09/01/2020-08/31/2024  
Award Amount: \$792,000

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R21CA223686-01  
Title: “Understanding sex differences in colon cancer metabolism”  
Grant Period: 06/14/2018-05/31/2020  
Award Amount: \$400,744

Grant: Sustainable Health Initiative  
Sponsor: Yale Institute for Global Health  
Role: *Principal Investigator, Yale University*  
Title: “Onward Assist: Predictive Analytics from Onward Health”  
Grant Period: 11/1/2019-6/1/2020  
Award Amount: \$5,000

Research Funding: Office of Student Research  
Sponsor: Yale University School of Medicine  
Role: *Scientific Supervisor (PI Montana Morris)*  
Title: “Multi-omics Study of Colorectal Cancer Liver Metastasis”  
Funding Period: 6/1/2021-8/31/2022  
Award Amount: \$5,508

Grant: New Investigator Ohse Award  
Sponsor: Yale Department of Surgery  
Role: *Principal Investigator, Yale University*  
Title: “Genomic Profiling of Colorectal Cancer Patients with Liver Metastasis”  
Grant Period: 3/1/2017-6/30/2021  
Award Amount: \$50,000

Research Funding: Lampman Surgical Oncology Funding  
Sponsor: Yale Surgical Oncology  
Role: *Principal Investigator, Yale University*  
Title: “Genomic Profiling of Colorectal Cancer Patients with Liver Metastasis”  
Grant Period: 3/1/2017-6/30/2021

Award Amount: \$50,000

Research Funding: Office of Student Research

Sponsor: Frank H. Netter MD School of Medicine/Quinnipiac University

Role: *Capstone Mentor (PI Cara Cama)*

Title: "Identification of Risk Factors for the Development of Early Onset Colorectal Cancer"

Funding Period: 6/1/2018-5/1/2021

Award Amount: \$3,000

Grant: NIH Research Training Grant

Sponsor: NIH-CTSA

Role: *Principal Investigator, Yale University*

I.D.# KL2TR001862-03

Title: "Characterization of Curative Oligometastatic Disease in Liver Metastasis"

Grant Period: 10/9/2017-10/8/2019

Award Amount: \$240,000

Grant: Women's Health Research at Yale

Sponsor: Yale Comprehensive Cancer Center

Role: *Co-Investigator, Yale University*

Title: "Sex Differences in Colon Cancer Metabolism"

Grant Period: 7/1/2017-7/1/2018

Award Amount: \$35,000

Research Funding: Office of Student Research

Sponsor: Yale University School of Medicine

Role: *Scientific Supervisor (PI Michael Heyang)*

Title: "Metastatic Colorectal Cancer"

Funding Period: 6/1/2020-8/31/2020

Award Amount: \$5,508

Research Funding: Office of Student Research

Sponsor: Yale University School of Medicine

Role: *Scientific Supervisor (PI Daniel Jacobs)*

Title: "Identification of Risk Factors for the Development of Early Onset Colorectal Cancer"

Funding Period: 6/1/2017-8/31/2017

Award Amount: \$5,508

Grant: Ohse Research Award

Sponsor: Yale Department of Surgery

Role: *Principal Investigator, Yale University*

Title: "Genomic Profiling of Colorectal Cancer Patients with Liver Metastasis"

Grant Period: 1/1/2015-6/30/2016

Award Amount: \$40,000

Research Funding: Lampman Funding

Sponsor: Yale Department of Surgery, Section of Surgical Oncology

Role: *Principal Investigator, Yale University*

Title: "Clinical Outcomes in Upper Gastrointestinal Malignancies"

Funding Period: 4/1/2014-present

Award Amount: \$20,000

Research Funding: Office of Student Research

Sponsor: Yale University School of Medicine  
Role: *Scientific Supervisor (PI Rebecca Zhu)*  
Title: “Adjuvant Therapy in Node Positive Gastric Adenocarcinoma”  
Funding Period: 1/1/2017-2/28/2017  
Award Amount: \$3,409

Research Funding: Office of Student Research  
Sponsor: Yale University School of Medicine  
Role: *Scientific Supervisor (PI Rebecca Zhu)*  
Title: “Adjuvant Therapy in Node Positive Gastric Adenocarcinoma”  
Funding Period: 10/1/2016-12/1/2016  
Award Amount: \$5,844

Research Funding: Office of Student Research  
Sponsor: Yale University School of Medicine  
Role: *Scientific Supervisor (PI Rebecca Zhu)*  
Title: “MicroRNAs Characterize Oligometastasis in Colorectal Liver Metastases”  
Funding Period: 6/1/2014-8/31/2014  
Award Amount: \$5,508

Grant: NIH T32 Training Grant  
Sponsor: NIH  
Role: *Surgical Oncology Research Fellow, Memorial Sloan-Kettering Cancer Center*  
Principal Investigator: Murray Brennan, MD  
I.D.# T32CA009501-20 CA/NCI NIH  
Title: “Characterization of Curative Oligometastatic Disease in Liver Metastasis”  
Grant Period: 7/1/06-6/30/07  
Award Amount: \$50,000

Grant: NIH T32 Training Grant  
Sponsor: NIH  
Role: *Surgical Oncology Research Fellow, Memorial Sloan-Kettering Cancer Center*  
Principal Investigator: Murray Brennan, MD  
I.D.# T32CA009501-19 CA/NCI NIH  
Title: “Characterization of Curative Oligometastatic Disease in Liver Metastasis”  
Grant Period: 7/1/05-6/30/06  
Award Amount: \$50,000

### ***Past Clinical Trials***

Agency: National Cancer Institute, Yale Comprehensive Cancer Center  
Role: *Principal Investigator (MPI)*  
Title: “Establishing a microbiome biobank at the Yale Cancer Center”  
Project Period: 04/23/2019-03/22/2020

### ***Recent Grant Submissions***

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# U01CA299237-01 (R01-equivalent)  
Title: “Early detection of pancreatic cancer through circulating extracellular vesicle RNA in pre-diagnostic blood”

Proposed Grant Period: 01/01/2026-12/31/2030  
Grant score: Pending study section review  
Requested Award Amount: \$2,499,433 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# U01CA299237-01 (R01-equivalent)  
Title: "Epidemiologic Discovery and validation of circulating extracellular vesicle RNA signature for early detection of pancreatic cancer"  
Proposed Grant Period: 09/01/2025-08/31/2030  
Grant score: Discussed, Impact score 39  
Requested Award Amount: \$2,038,969 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R01CA281330-01  
Title: "A unifying framework for HOX gene dysregulation in cancer"  
Proposed Grant Period: 09/01/2025-08/31/2030  
Grant score: not discussed  
Requested Award Amount: \$2,940,364 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R01 CA258906-01A1  
Title: "Role and regulation of asparagine in colorectal cancer"  
Proposed Grant Period: 12/01/2024-11/31/2029  
Grant score: 9<sup>th</sup> percentile, impact score 33  
Requested Award Amount: \$4,056,437.00 (estimated direct cost)  
*\*Application discussed by Scientific Review Group*

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Co-Investigator, Yale University*  
I.D.# 1U01CA299237-01  
Title: "Epidemiologic discovery and validation of circulating extracellular vesicle RNA signature for early detection pancreatic cancer"  
Proposed Grant Period: 4/25/2025-03/30/2030  
Grant score: Impact score 34  
Requested Award Amount: \$2,038,969 (estimated direct cost)  
*\*Application discussed by Scientific Review Group*

Grant: ARPA-H Science and Technology and other Research and Development  
Sponsor: NIH  
Role: *Co-Investigator, Yale University*  
I.D.# 75N99223R0004  
Title: "Precise, Rapid, and In vivo Marking of Cancer"  
Proposed Grant Period: 05/01/2024  
Grant score: not discussed  
Requested Award Amount: \$19,350,000 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R21CA280372-01A1  
Title: "Identification of metabolic niches in African Americans with colorectal cancer"  
Proposed Grant Period: 12/1/2023-11/30/2025  
Grant score: 3<sup>rd</sup> percentile, impact score 22  
Requested Award Amount: \$460,625 (estimated direct cost)  
*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R01 CA258906-01  
Title: "Role and regulation of asparagine in colorectal cancer"  
Proposed Grant Period: 04/1/2024-03/31/2029  
Grant score: 33<sup>rd</sup> percentile, impact score 48  
Requested Award Amount: \$3,554,848 (estimated direct cost)  
*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Training Grant  
Sponsor: NIH-CTSA  
Role: *Mentor, Yale University*  
I.D.# UL1TR001863  
Title: "Gut microbiome as a contributor of heterogeneity, and regulator of environmental pollutant induced toxicity, in the context of colorectal cancer"  
Grant Period: 09/01/2023-08/30/2025  
Award Amount: \$209,852 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Co-Investigator, Yale University*  
I.D.# R01CA277823-01A1  
Title: "Perinatal factors in early-onset colorectal cancer"  
Proposed Grant Period: 07/01/2023 - 06/31/2028  
Grant score: not discussed  
Requested Award Amount: \$2,293,750 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R01CA281330-01  
Title: "The role of HOX gene patterns in human cancers"  
Proposed Grant Period: 04/1/2023-03/31/2028  
Grant score: not discussed  
Requested Award Amount: \$2,940,364 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R01 CA258906-01A1  
Title: "Role and regulation of asparagine in KRAS-mutant colorectal cancer"  
Proposed Grant Period: 09/1/2022-08/31/2027

Grant score: not discussed  
Requested Award Amount: \$3,554,848 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Co-Investigator, Yale University*  
I.D.# R01CA277823-01  
Title: "Perinatal factors in early-onset colorectal cancer"  
Proposed Grant Period: 12/01/2022 - 11/30/2027  
Grant score: not discussed  
Requested Award Amount: \$2,093,750 (estimated direct cost)

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R21 CA280372-01  
Title: "Identification of metabolic niches in African Americans with colorectal cancer"  
Proposed Grant Period: 04/01/2023 - 03/31/2025  
Grant score: Scored 24<sup>th</sup> percentile, impact score 46  
Requested Award Amount: \$460,625 (estimated direct cost)  
*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Co-Investigator, Yale University*  
I.D.# R01 CA256530-01A1  
Title: "Role of immune regulation in colorectal cancer chemotherapeutic response"  
Grant Period: 09/1/2021-08/31/2026  
Grant score: Scored 3<sup>rd</sup> percentile, impact score 20  
Award Amount: \$2,534,270  
*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R21 CA264330-01  
Title: "Identification of metabolic niches in African Americans with colorectal cancer"  
Proposed Grant Period: 07/1/2021-06/31/2026  
Grant score: Scored 18<sup>th</sup> percentile, impact score 33  
Requested Award Amount: \$460,625 (estimated direct cost)  
*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Project Grant  
Sponsor: NIH-NCI  
Role: *Principal Investigator (MPI), Yale University*  
I.D.# R01 CA258906-01  
Title: "Role and regulation of asparagine in KRAS-mutant colorectal cancer"  
Proposed Grant Period: 04/1/2021-03/31/2026  
Grant score: Scored 48<sup>th</sup> percentile, impact score 55  
Requested Award Amount: \$3,554,848 (estimated direct cost)  
*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Project Grant

Sponsor: NIH-NCI

Role: *Co-Investigator, Yale University*

I.D.# R01 CA256530-01

Title: “Role of immune regulation in colorectal cancer chemotherapeutic response”

Proposed Grant Period: 09/1/2020-08/31/2025

Grant score: Scored 50<sup>th</sup> percentile, impact score 56

Requested Award Amount: \$2,697,422 (estimated direct cost)

*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Project Grant

Sponsor: NIH-NCI

Role: *Principal Investigator (MPI), Yale University*

I.D.# R21 CA264330-01

Title: “Identification of metabolic niches in African Americans with colorectal cancer”

Proposed Grant Period: 07/1/2021-06/31/2026

Grant score: Scored 25<sup>th</sup> percentile, impact score 38

Requested Award Amount: \$460,625 (estimated direct cost)

*\*Application discussed by Scientific Review Group.*

Grant: NIH Research Project Grant

Sponsor: NIH-NCI

Role: *Principal Investigator (MPI), Yale University*

I.D.# R01 CA248809-01

Title: “Assessing the link between colorectal cancer metabolism and clinical disparities based on race and ethnicity”

Proposed Grant Period: 04/1/2020-03/31/2025

Grant score: not discussed

Requested Award Amount: \$2,165,731 (estimated direct cost)

**Post-Doctoral and Post-Graduate Fellows Trained:**

2014-2018	Gabriella Grisotti, MD, PhD
2017-2024	Vadim Kurbatov, MD, PhD
2017-2019	Danielle Heller, MD
2018-2019	Varvara Mironova, MD
2019-2021	Yuping Cai, PhD
2020-present	Xinyi Shen, (PhD candidate)
2021-present	Daniel Kerekes, MD
2021-2022	Nupur Nagarkatti, MBBS
2021-present	Abhishek Jain, PhD
2021-present	Oladimeji Aladelokun, PhD
2021-present	Hong Yan, PhD
2021-2023	Boshi Sun, MD
2021-present	Yasmeen Ajaj PhD
2021-2023	Xujun Wang, PhD
2023-present	Samuel Butensky, MD
2023-2024	Yengsheng Wang, PhD, MD
2023-2024	Cara Ly, PhD
2023-present	David Su, MD
2024-present	Dina Garmroudi, MPH
2024-present	Domenica Berardi, PhD
2025-present	Can Akpınaroglu, MSc
2025-present	Wafa Nomani, BS

**Doctoral Degree Trainees:**

2013-2018	M.D., Rebecca Zhu, Yale University School of Medicine
2016-2020	M.D., Bryan Kapps, Yale University School of Medicine
2017-2021	M.D., Daniel Jacobs, Yale University School of Medicine
2018-2022	M.D., Cara Cama, Frank H. Netter MD School of Medicine
2020-2022	M.D., Michael Heyang, Yale University School of Medicine
2020-2022	M.D., Sajid Hossein, Yale University School of Medicine
2021-2023	M.D., Montana Morris, Yale University School of Medicine
2021-2024	M.D., Baylee Bakkila, Yale University School of Medicine
2021-2024	M.D., Victoria Marks, Yale University School of Medicine
2024-present	M.D., F'jei Will, Morehouse School of Medicine
2024-present	M.D., Ismail Ajjawi, Yale University School of Medicine
2025-present	M.D., Gabriel Lech, Pontifical Catholic University of Rio Grande do Sul
2025-present	M.D., Dina Garmroudi, Johns Hopkins School of Medicine

**Masters Degree Trainees:**

2018-2020	M.H.S., Vadim Kurbatov, MD, Yale University School of Medicine
2017-2019	M.H.S., Danielle Heller, MD, Yale University School of Medicine
2021-present	M.H.S., Daniel Kerekes, MD, Yale University School of Medicine
2024-present	M.P.H., Dina Garmroudi, Yale University School of Public Health

**Undergraduate Degree Trainees:**

2023-present	Colin Kim, Yale University
2024-present	Georgio Maroun, Yale University

**High School Trainees:**

2024	Sophie O'Brien, New York, NY
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**Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated with Yale:**

***International/National/Regional***

1. Case Presentation of Chronic Limb Ischemia. *Frank J. Veith Vascular Surgery Conference. Montefiore Medical Center. Bronx, NY. 2003.*
2. Detection of TP53 Mutations in Colorectal Cancer: Methods and Applications. *Memorial Sloan-Kettering Cancer Center Surgical Research Conference. New York, NY. 2006.*
3. Molecular Markers in Colorectal Cancer. *Memorial Sloan-Kettering Cancer Center Surgical Research Conference. New York, NY. 2007.*
4. Pancreatic Cancer: PCN as Precursor to Cancer and Geriatric Assessment. *Annual Gastrointestinal Symposium: Controversies in the Management of Complex GI Cancer Patients, Chicago, IL. 2011.*
5. Adjuvant Radiation Therapy and Postmastectomy Expanders. *Surgery Grand Rounds, University of Chicago, Chicago, IL. 2011.*
6. Hyperthermic Perioperative Chemotherapy For Colorectal Cancer. *Annual Gastrointestinal Symposium: Controversies in the Management of Complex GI Cancer Patients, Chicago, IL. 2012.*
7. Decision Making in Benign and Malignant Pancreatic Surgery. *Department of Medicine Gastrointestinal Grand Rounds. Bridgeport Hospital, Bridgeport, CT. 2014.*
8. Surgery in Cancer Prevention. *Cancer Conference, Bridgeport Hospital. Bridgeport, CT. 2014.*
9. Surgical Oncology in a Community Setting. *American College of Surgeons, Commission on Cancer Survey. Fairfield, CT. 2014.*
10. Surgical Oncology at Bridgeport Hospital. *Hospital Board Meeting. Bridgeport Hospital, Bridgeport, CT. 2014.*
11. Defining a Conserved Role for Palladin in Tumor Progression. *Moderator, American College of Surgeons Clinical Congress, Surgical Oncology/Endocrine II Session. San Francisco, CA. 2014.*

12. Double Blind Placebo-Controlled Trial of Eflornithine and Sulindac to Prevent Recurrence of High Risk Adenomas and Second Primary Colorectal Cancers in Patients with Stage 0-3 Colon or Rectal Cancer, Phase III. *American College of Surgeons Clinical Research Program, Surgical Investigators Meeting. Chicago, IL.* 2015.
13. Melanoma Prevention and Surgical Treatment. *Cancer Program. Trumbull Marriott Hotel. Trumbull, CT.* 2015.
14. Double Blind Placebo-Controlled Trial of Eflornithine and Sulindac to Prevent Recurrence of High Risk Adenomas and Second Primary Colorectal Cancers in Patients with Stage 0-3 Colon or Rectal Cancer, Phase III. *American College of Surgeons Clinical Research Program, Surgical Investigators Meeting. Washington, D.C.* 2016.
15. Scientific Forum: Hepatobiliary and Pancreas I Session. Moderator, *American College of Surgeons Clinical Congress, Washington D.C.* 2016.
16. *Surgical Management of Gallbladder Carcinoma: Gastrointestinal Grand Rounds, Bridgeport Hospital. Bridgeport, CT.* 2016.
17. Hepatobiliary and Pancreas Disease: *Connecticut Chapter of the American College of Surgeons, American Board of Surgery Inservice Training Exam Review. Waterbury, CT.* 2017.
18. SSAT Video Session: Small Bowel and Colorectal. Moderator, *The Society for Surgery of the Alimentary Tract, Digestive Disease Week, Chicago, IL.* 2017.
19. Adequate Lymphadenectomy in Small Bowel Neuroendocrine Tumors: Analysis of the NCDB. Moderator, *The Society for Surgery of the Alimentary Tract, Digestive Disease Week, Chicago, IL.* 2017.
20. *Genomic Characterization of Metastatic Colorectal Cancer: Department of Medicine Grand Rounds. Bridgeport Hospital. Bridgeport, CT.* 2017.
21. Hepatobiliary and Pancreas Disease: *Connecticut Chapter of the American College of Surgeons, American Board of Surgery Inservice Training Exam Review. Waterbury, CT.* 2018.
22. Surgical Oncology for the Non-Oncology Provider: *Northeast Medical Group Ambulatory Grand Rounds. Trumbull, CT.* 2018.
23. The Gut-Liver Axis: Probing the Portal System as the Source of Inflammation in Acute and Chronic Diseases. Moderator, *The Society for Surgery of the Alimentary Tract, Digestive Disease Week, Chicago, IL.* 2018.
24. Big Data, Better Outcomes in Liver Oligometastasis. *Stony Brook Cancer Center Grand Rounds, Stony Brook University. Stony Brook, NY.* 2018.
25. From Primary Tumor to Metastasis: Transcriptional to Post-Transcriptional Regulation: *Rockefeller University-Yale University Collaborative Research Day, New Haven, CT.* 2018.
26. Team Science Leadership: *Rockefeller University-Yale University Collaborative Research Day, Rockefeller University, New York, NY.* 2019.
27. *Team Science Program Update from Yale Center for Clinical Investigation Co-Directors. National Institutes of Health Program Officer Presentation, Washington, DC.* 2021.
28. The Fundamentals of Putting Together a Grant Application: *Society for Surgery of the Alimentary Tract Grant Writing Workshop: Tools and Practical Tips for Grant Writing and Preparation, Boston, MA.* 2021.
29. Key Elements of Setting Up a Research Laboratory: *Society for Surgery of the Alimentary Tract Research Committee National Seminar Series, Boston, MA.* 2021.
30. Melanoma Screening for Melanoma Monday. *Eyewitness News WFSB News 3. New Haven, CT.* 2022.
31. Is It Too Late to Start a Research Lab. *Society for Surgery of the Alimentary Tract, Mid-Career Academic Surgeon, Nationally Broadcasted Webinar, Boston, MA.* 2022.
32. Racial Disparities with Patient Surgical Outcomes in GI Tract Cancer. *OncLive. Cranbury, NJ.* 2022.
33. Race Could Impact Quality of Care. *News 12 New York City, News 12 Long Island, News 12 Connecticut. New York, NY.* 2022.
34. Impact of Race and Ethnicity on Quality of Gastrointestinal Cancer Care. *America Trends Podcast, New York, NY.* 2023.

35. Surgical Oncology III: Liver: Moderator, *American College of Surgeons Clinical Congress, Boston, MA*. 2023.
36. Pancreatic Cysts: Meeting the Expert: *American College of Surgeons Clinical Congress, Boston, MA*. 2023.
37. Diagnosis and multidisciplinary management of hepatocellular carcinoma: *American Cancer Society Tumor Registrars Association, Hartford, CT*. 2023.
38. Overcoming Research Burnout in Today's Academics: *Society for Surgery of the Alimentary, Boston, MA*. 2023.
39. Insights into Colorectal Cancer Liver Metastasis with a Multi-omics Approach: *State University of New York Downstate Health Sciences University, Cancer Disparities Symposium, Brooklyn, NY*. 2024.
40. Team Science in Translational Research: *Society for Surgery of the Alimentary, National Seminar Series, Boston, MA*. 2024.
41. Pancreas II: Moderator, *Digestive Disease Week, Washington, D.C.* 2024.
42. Surgical Oncology: Liver: Moderator, *American College of Surgeons Clinical Congress, San Francisco, CA*. 2024.
43. Hepatopancreatobiliary Trials Year Wrap Up: Interviewed Discussant, *SurgOnc Today Podcast, Society of Surgical Oncology, Rosemont, IL*. 2024.
44. Elucidating the Survival Disparity and Unique Genomic and Microbiome Profile of Colon Cancer Patients in Appalachian Kentucky: Invited Discussant, *Southern Surgical Association, Palm Springs, FL*. 2024.
45. Insights into Sex-Specific Differences of the Tumor Metabolome in Colorectal Cancer: *Hofstra University/Northwell Health, Feinstein Institutes for Medical Research Visiting Professor Lecture Series, Great Neck, NY*. 2025.
46. Decision Making in Minimally Invasive Surgery for Hepatocellular Carcinoma: *The Indian Chapter of Society for Surgery of the Alimentary Tract, Kaizen Con 2025, Ahmedabad, India*. 2025.
47. Decision Making in Minimally Invasive Pancreas Oncologic Surgery: *The Indian Chapter of Society for Surgery of the Alimentary Tract, Kaizen Con 2025, Ahmedabad, India*. 2025.
48. Insights into Colorectal Cancer Liver Metastasis with a Multi-omics Approach: Plenary Session, *The Indian Chapter of Society for Surgery of the Alimentary Tract, Kaizen Con 2025, Ahmedabad, India*. 2025.
49. International Experience with Robotic Surgery – Challenges and Opportunities. Research Committee National Seminar Series, *Society for Surgery of the Alimentary, Boston, MA*. 2025.
50. Symposium: Pushing Boundaries of Colorectal Liver Metastases Management: How Far Can We Go? *Society of Surgical Oncology Annual Meeting, Tampa, FL*. 2025.
51. Meet-the-Professor: Grant Writing Workshop. *Digestive Disease Week, San Diego, CA*. 2025.
52. UBEN2N as a Promising New Response Marker to Chemotherapy in Pancreatic Ductal Adenocarcinoma: Results from Mass Spectrometry Analysis of Neoadjuvant Treated Pancreatic Cancer: Invited Plenary Discussant, *Digestive Disease Week, San Diego, CA*. 2025.
53. The Power of Teams to Propel Academic Surgical Oncology: *University of Alabama at Birmingham, Department of Surgery, Birmingham, AL*. 2025.
54. Surgical Oncology: Hepatobiliary and Pancreas II: Moderator, *American College of Surgeons Clinical Congress, San Francisco, CA*. 2025.
55. Surgical Oncology: Hepatobiliary and Pancreas Poster Session I, ePosters: Moderator, *American College of Surgeons Clinical Congress, San Francisco, CA*. 2025.
56. Interactive Mentoring Lunch to Advance Your Career for Residents, and Junior Faculty: *Academic Surgical Congress/Society of University Surgeons, Orlando, FL*. 2026. (pending)
57. Meet-the-Professor: Grant Writing Workshop. *Digestive Disease Week, Chicago, IL*. 2026. (pending)

#### **Invited Speaking Engagement, Presentations, Symposia & Workshops Affiliated with Yale:**

1. *Overview of Surgical Management of Pancreatic and Biliary Cancers*. Bridgeport Hospital, Bridgeport, CT. 2013.

2. *Surgical Option for Hepatocellular Carcinoma*. Cancer Conference, Bridgeport Hospital, Bridgeport, CT. 2013.
3. *Controversies Surrounding Surgical Management of Gastric Cancer*. Cancer Conference, Bridgeport Hospital. Bridgeport, CT. 2013.
4. *Career in Oncology*. Pre-Health Sciences Mentoring Program, Branford College, Yale University. New Haven, CT. 2013.
5. *To Cut or Not to Cut: The Path to Using Molecular Profiles to Manage Metastatic Cancer*. Department of Surgery Grand Rounds, Yale University School of Medicine, New Haven, CT. 2014.
6. *Care of the Surgical Oncology Patient*. Bridgeport Hospital, Bridgeport, CT. 2014.
7. *Relationships, Life Inside and Outside of Medicine*. Pre-Health Sciences Mentoring Program, Branford College, Yale University. New Haven, CT. 2014.
8. *To Cut or Not to Cut: The Path to Using Molecular Profiles to Manage Metastatic Cancer*. Yale Cancer Center Grand Rounds. Smilow Cancer Hospital, New Haven, CT. 2014.
9. *Care of Surgical Oncology Patients*. Nursing Lecture Series. Bridgeport Hospital, Bridgeport, CT. 2014.
10. *Gastric Cancer*. Department of Surgery Lecture Series. Yale University School of Medicine. New Haven, CT. 2014.
11. *CSIG Surgical Oncology*. Cancer Student Interest Group Meeting. Yale University School of Medicine. New Haven, CT. 2014.
12. *Double Blind Placebo-Controlled Trial of Eflornithine and Sulindac to Prevent Recurrence of High Risk Adenomas and Second Primary Colorectal Cancers in Patients with Stage 0-III Colon Cancer, Phase III – Preventing Adenomas of the Colon with Eflornithine and Sulindac (PACES)*. Smilow Cancer Hospital Clinical Trial Kick Off Lecture. Yale University School of Medicine. New Haven, CT. 2014.
13. *Lab 8: Foregut Cholangiocarcinoma*. Medical Student Year-1 Anatomy Course. Yale University School of Medicine. New Haven, CT. 2014.
14. *Melanoma Prevention and Surgical Treatment*. Cancer College. Yale New Haven Health System. Trumbull, CT. 2015.
15. *Care of Surgical Oncology Patients*. Nursing Lecture Series. Bridgeport Hospital, Bridgeport, CT. 2015.
16. *Pancreatic Cancer: Perspectives from a Surgical Oncologist*. Cancer College. Yale New Haven Health System. Trumbull, CT. 2015.
17. *Lab: Foregut Cholangiocarcinoma*. Medical Student Year-1 Anatomy Course. Yale University School of Medicine. New Haven, CT. 2015.
18. *Principles of Surgical Oncology: Genes and Development* Medical Student Year 1 Lecture Series. Yale University School of Medicine. New Haven, CT. 2015.
19. *Gastric and Duodenal Surgical Disease*: Department of Surgery Lecture Series. Yale University School of Medicine. New Haven, CT. 2015.
20. *Care of Surgical Oncology Patients*. Nursing Lecture Series. Bridgeport Hospital, Bridgeport, CT. 2016.
21. *Gastric Surgical Disease*: Department of Surgery Lecture Series. Yale University School of Medicine. New Haven, CT. 2016.
22. *Principles of Surgical Oncology: Genes and Development* Medical Student Year 1 Lecture Series. Yale University School of Medicine. New Haven, CT. 2016. *Genomic Profiling of Colorectal Cancer Liver Oligometastasis*. Department of Surgery Grand Rounds, Yale University School of Medicine, New Haven, CT. 2016.
23. *Hepato-Pancreato-Biliary Tumors*: Surgery Clerkship Medical Student Year 3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
24. *Surgical Oncology Care in a Community Setting*: Park Avenue Medical Center Advisory Board. Smilow Cancer Hospital-Park Avenue Medical Center, Trumbull, CT. 2017.
25. *Hepato-Pancreato-Biliary Tumors*: Surgery Clerkship Medical Student Year 3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.

26. *Principles of Surgical Oncology: Genes and Development* Medical Student Year 1 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
27. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship* Medical Student Year 3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
28. *Neoplasms of the Upper GI Tract: Energy and Metabolism* Master Course, Medical Student Year 2 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
29. *Colorectal Cancer: Energy and Metabolism* Master Course, Medical Student Year 2 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
30. *Career Luncheon: Energy and Metabolism* Master Course, Medical Student Year 2 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
31. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship* Medical Student Year 3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
32. *Gastric Neoplasms: Department of Surgery* Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
33. *Surgical Management of Hepatic Masses: Interventional Radiology* Lecture Series. Yale University School of Medicine. New Haven, CT. 2017.
34. *Colorectal Cancer Liver Oligometastases: Yale Center for Clinical Investigation Research in Progress.* Yale University School of Medicine. New Haven, CT. Series. Yale University School of Medicine. New Haven, CT. 2017.
35. *Surgical Management of Hepatic Masses: Interventional Radiology* Lecture Series. Yale University School of Medicine. New Haven, CT. 2018.
36. Symposium: Multidisciplinary Management of Pancreatic Cancer. Yale University School of Medicine. New Haven, CT. 2018.
37. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship* Medical Student Year 3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2018.
38. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship* Medical Student Year 3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2018.
39. *Neoplasms of the Upper GI Tract: Energy and Metabolism* Master Course, Medical Student Year 2 Lecture Series. Yale University School of Medicine. New Haven, CT. 2018.
40. *Practice Patterns and Guideline Non-Adherence in Surgical Management of Appendiceal Carcinoid Tumors.* Yale Cancer Center Trainee Colloquium, New Haven, CT. 2018.
41. *Long Non-coding RNA HOTTIP Is Biomarker for Recurrence After Hepatic Metastectomy for Colorectal Cancer.* Yale Cancer for Clinical Investigation External Advisory Board Meeting, New Haven, CT. 2018.
42. *HOX Gene Family Prognostic for Colorectal Cancer Liver Oligometastases: Yale Center for Clinical Investigation Research in Progress.* New Haven, CT. 2018.
43. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship* Medical Student Year 2/3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2018.
44. *Biomarkers for Liver Oligometastasis in Colorectal Cancer: Yale Center for Clinical Investigation Research in Progress.* Yale University School of Medicine. New Haven, CT. 2018.
45. *Principles of Surgical Oncology: Genes and Development* Medical Student Year 1 Lecture Series. Yale University School of Medicine. New Haven, CT. 2018.
46. *One Blueprint to Becoming a Surgeon-Scientist: Reflections of an Academic Surgical Oncologist: Seminars in Surgical Research,* Yale University School of Medicine, New Haven, CT. 2018.
47. *Biomarkers for Liver Oligometastasis in Colorectal Cancer: Yale Center for Clinical Investigation External Advisory Board Meeting,* New Haven, CT. 2018.
48. *Biomarkers for Liver Metastases in Colorectal Cancer: Yale Center for Clinical Investigation Research in Progress.* Yale University School of Medicine. New Haven, CT. 2018.
49. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship* Medical Student Year 2/3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2019.
50. *Biomarkers for Liver Metastases in Colorectal Cancer.* Department of Surgery Grand Rounds, Yale University School of Medicine. New Haven, CT. 2019.

51. *Neoplasms of the Upper GI Tract: Energy and Metabolism Master Course*, Medical Student Year 2 Lecture Series. Yale University School of Medicine. New Haven, CT. 2019.
52. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2019.
53. *Principles of Surgical Oncology: Genes and Development Medical Student Year 1 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2/3 Lecture Series. Yale University School of Medicine. New Haven, CT. 2019.
54. *Biomarkers for Liver Oligometastasis in Colorectal Cancer: Yale Center for Clinical Investigation External Advisory Board Meeting*, New Haven, CT. 2019.
55. *A Blueprint to Starting Your Research Career at Yale: Steps to Success Seminar*, Yale Department of Surgery, New Haven, CT. 2019.
56. *Scientific program organizer, host, moderator. Scientific Colorectal Cancer Translation Scientific Joint Lab Retreat*. Yale Cancer Center. Fairfield County, CT. 2020.
57. *Gastric Neoplasms: Department of Surgery Lecture Series*. Yale University School of Medicine. New Haven, CT. 2020.
58. *Neoplasms of the Upper GI Tract: Energy and Metabolism Master Course*, Medical Student Year 2 Lecture Series. Yale University School of Medicine. New Haven, CT. 2020
59. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2020.
60. *Principles of Surgical Oncology: Genes and Development Medical Student Year 1 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2020.
61. *Control (CPC) and Cancer Microbiology (CM) Research Program Joint Retreat on Microbiome*. Yale Cancer Center. New Haven, CT. 2020.
62. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2020.
63. *Scientific Program Organizer, Host, and Moderator. Cancer Prevention and Control (CPC) and Cancer Microbiology (CM) Research Program Joint Retreat on Microbiome*. Yale Cancer Center. New Haven, CT. 2020.
64. *Clinical Translational Research in Colorectal Cancer Liver Metastases*. Center for GI Cancers Seminar. Yale Cancer Center. New Haven, CT. 2021.
65. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2021.
66. *Gastrointestinal Cancer Journal Club Speaker, Colorectal Liver Metastases*. Center for GI Cancers Seminar. Yale Cancer Center. New Haven, CT. 2021.
67. *Gastric Neoplasms: Department of Surgery Lecture Series*. Yale University School of Medicine. New Haven, CT. 2021.
68. *Women in Surgery Lectureship, Supporting Women in Academic Medicine*. Co-Host for Question And Answer Session. Yale Department of Surgery Grand Rounds. New Haven, CT. 2021.
69. *Neoplasms of the Upper GI Tract: Energy and Metabolism Master Course*, Medical Student Year 2 Lecture Series. Yale University School of Medicine. New Haven, CT. 2021.
70. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2021.
71. *Principles of Surgical Oncology: Genes and Development Medical Student Year 1 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2021.
72. *Yale Review of Advances in Oncology: Highlights of ASCO Meeting 2021 Case Discussion: Gastrointestinal Cancers*. Yale Cancer Center Seminar. New Haven, CT. 2021.
73. *Melanoma Perspectives from Yale Surgical Oncology: Fundamentals in Prevention, Detection & Treatment*. Smilow Shares, New Haven, CT. 2021.
74. *Gender Equality in the Workplace*. Division of Surgical Oncology Meeting, New Haven, CT. 2021.
75. *Team Science Program Update from Yale Center for Clinical Investigation Co-Directors*. External Advisory Board Meeting, New Haven, CT. 2022.
76. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series*. Yale University School of Medicine. New Haven, CT. 2022.

77. *Principles of Surgical Oncology: Genes and Development Medical Student Year 1 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2022.
78. *Surgical Management of Pancreas and Small Bowel Neuroendocrine Tumors: Center for Gastrointestinal Cancer CME Series.* Yale University School of Medicine. New Haven, CT. 2022.
79. *Gastric Neoplasms: Department of Surgery Lecture Series.* Yale University School of Medicine. New Haven, CT. 2022.
80. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2022.
81. *Neoplasms of the Upper GI Tract: Energy and Metabolism Master Course, Medical Student Year 2 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2022.
82. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2022.
83. *Yale's Review of Advances in Oncology Highlights from the ASCO Annual Meeting 2022: Gastrointestinal Cancers.* Yale Cancer Center/Smilow Cancer Hospital. New Haven, CT. 2022.
84. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2023.
85. *Neoplasms of the Upper GI Tract: Energy and Metabolism Master Course, Medical Student Year 2 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2023.
86. *Gastric Neoplasms: Department of Surgery Lecture Series.* Yale University School of Medicine. New Haven, CT. 2023.
87. *Principles of Surgical Oncology: Genes and Development Medical Student Year 1 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2023.
88. *Surgical Treatment of Hepatic Metastasis and Hepatocellular Carcinoma: Perspectives from University School of Medicine.* New Haven, CT. 2023.
89. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2023.
90. *Yale's Review of Advances in Oncology Highlights from the ASCO Annual Meeting 2023: Liver Cancers.* Yale Cancer Center/Smilow Cancer Hospital. New Haven, CT. 2023.
91. *Pancreatic Cancer Awareness Month: Advances in Surgical Treatment for Pancreas Cancer.* Yale Cancer Center/Smilow Cancer Hospital. New Haven, CT. 2023.
92. *Hepato-Pancreato-Biliary Tumors: Surgery Clerkship Medical Student Year 2/3 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2024.
93. *Neoplasms of the Upper GI Tract: Energy and Metabolism Master Course, Medical Student Year 2 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2024.
94. *Principles of Surgical Oncology: Genes and Development Medical Student Year 1 Lecture Series.* Yale University School of Medicine. New Haven, CT. 2024.
95. *Surgical Ergonomics, Panelist: Grand Rounds, Yale Department of Surgery.* New Haven, CT 2025.
96. *Yale Advancements in Oncology: Implementing the Best Science from ASCO 2024 and Beyond: GI Cancers.* Yale Cancer Center/Smilow Cancer Hospital. New Haven, CT. 2025.
97. *Insights into Sex-Specific Differences of the Tumor Metabolome in Colorectal Cancer: Yale Department of Surgery Research Day, New Haven, CT. 2025.*
98. *Advances in Gastrointestinal Cancers: Yale Cancer Center-Smilow Cancer Hospital, Fairfield, CT. 2025.*

#### **Peer-Reviewed Presentations, Symposia & Workshops Not Affiliated with Yale:**

##### ***International/National/Regional***

1. Tissue Culture Study of Cartilage Differentiation by Wing and Leg Buds Cells From Chick Embryos. *Siena College Science Fair. Loudonville, NY, April. 1998.*
2. Injurious Mechanical Ventilation Preferentially Damages the Non-Dependent Lung. *American College of Surgeons Owen H. Wangenstein Surgical Forum. Chicago, IL. 2003.*
3. Radiofrequency Ablation of Recurrent Head and Neck Cancer: First Results. 2004.

- The International Head and Neck Cancer Conference. Washington D.C.*
4. Molecular and Clinical Profiling of Early Onset Colorectal Cancer. *Portland Surgical Society, 61st Annual Scientific Session. Portland, OR. 2008.*
  5. EGFR Gene Amplification and KRAS Mutation Predict Response to Cetuximab Plus Bevacizumab in Metastatic Colorectal Cancer. *Northwest Society of Colorectal Surgery, San Juan Islands, WA. 2008.*
  6. Colorectal Cancer in the Very Young: A Comparative Study of Tumor Markers, Pathology and Survival in Early Onset and Adult Onset Patients. *Society of Surgical Oncology. 2009. annual meeting Phoenix, AZ.*
  7. Outcomes from liver resection for metastatic colorectal cancer in the age of FOLFOX chemotherapy. *Society for Surgical of the Alimentary Tract. 2009.*
  8. Over-expression of the IFN/STAT1 Pathway Results in Aggressive Metastatic and Genotoxic Stress-Resistant Melanoma in a Murine Model. *Huggins Symposium, University of Chicago, Chicago, IL. 2011.*
  9. The Biology of Early Onset Colorectal Cancer: An Examination of Tumor Markers, Pathology and Survival in a Large Cohort of Patients. *American Society of Clinical Oncology annual meeting. 2011.*
  10. MicroRNA Expression Characterizes Oligometastasis. *Huggins Symposium, University of Chicago, Chicago, IL. 2012.*
  11. JAK/STAT Axis as a Target for Tumor Radiosensitization and Chemosensitization: Potential Application to Lung Cancer. *20th Annual Chicago Multidisciplinary Symposium in Thoracic Oncology. 2012.*
  12. Increased CXCL10 Expression by Tumor Cells is Associated with Polymetastatic Phenotype. *American College of Surgeon Clinical Congress, Chicago, IL. 2013.*
  13. Prognostic Signatures of Oligometastasis in Colorectal Cancer Liver Metastasis. *American Society of Clinical Oncology Annual Meeting, Chicago, IL. 2017.*
  14. Utilization of Adjuvant Therapy in Node Positive Gastric Adenocarcinoma. *Society of Surgical Oncology Annual Cancer Symposium, Chicago, IL. 2018.*
  15. Does Sentinel Lymph Node Status Have Prognostic Significance in Patients with Acral Lentiginous Melanoma. *Society of Surgical Oncology Annual Cancer Symposium, Chicago, IL. 2018.*
  16. Regional Differences in the Utilization of Palliative Care in Geriatric Colorectal Cancer Patients Requiring Emergent Surgery. *Digestive Disease Week, Society for Surgery of the Alimentary Tract, Plenary, Scientific Session, Washington D.C. 2018.*
  17. Practice Patterns and Guideline Non-Adherence in Surgical Management of Appendiceal Carcinoid Tumors. *New England Surgical Society Annual Meeting. Portland, MA. 2018.*
  18. Impact of Hepatectomy First in Management of Stage IV Colon Cancer with Synchronous Liver Metastases. *New England Surgical Society Annual Meeting. Portland, MA. 2018.*
  19. Practice Patterns and Guideline Non-Adherence in Surgical Management of Appendiceal Carcinoid Tumors. *American College of Surgeons Clinical Congress, Scientific Forum, Boston MA. 2018.*
  20. Long Non-coding RNA HOTTIP Is Biomarker for Recurrence After Hepatic Metastasectomy for Colorectal Cancer. *American College of Surgeons Clinical Congress, Scientific Forum, Boston MA. 2018.*
  21. Impact of Hepatectomy First in Management of Stage IV Colon Cancer with Synchronous Liver Metastases. *American College of Surgeons Clinical Congress, Scientific Forum, Boston MA. 2018.*
  22. Disparate Palliative Care Utilization among Surgical Patients with Stage IV Colon Cancer. *Society of Surgical Oncology Annual Cancer Symposium, San Diego, CA. 2019.*
  23. The TumorCBC: In Silico Flow Cytometry to Understand Lung Cancer Data and Predict Survival. *Society of Thoracic Surgeons Annual Meeting, San Diego, CA. 2019.*
  24. Liver-First Approach to Stage IV Rectal Cancer with Synchronous Isolated Liver Metastases. *Society of Surgical Oncology Annual Cancer Symposium, San Diego, CA. 2019.*
  25. Adverse Impact of Ascites on Outcomes of Open Inguinal Hernia Repair in the United States. *Connecticut Chapter of the American College of Surgeons Annual Meeting, Trumbull, CT. 2021.*
  26. Incorporation of Palliative Care into a Multidisciplinary Approach to Stage IV Hepatopancreatobiliary and Upper Gastrointestinal Cancers: An Opportunity for Improvement. *Connecticut Chapter of the American College of Surgeons Annual Meeting, Trumbull, CT. 2021.*

27. Palliative Care in Stage IV Lower Gastrointestinal Cancer: Practice Patterns in the United States. International Conference on Surgical Cancer Care, *Society of Surgical Oncology Annual Meeting, Dallas, TX. 2022.*
28. Delay in Treatment Initiation Increases Mortality in Non-Metastatic Extrahepatic Bile Duct Cancer. International Conference on Surgical Cancer Care, *Society of Surgical Oncology Annual Meeting, Dallas, TX. 2022.*
29. Neoadjuvant Vs. Adjuvant Chemotherapy In Resected Ampullary Carcinoma: A Propensity-matched Cohort Analysis. Clinical Congress, *American College of Surgeons Annual Meeting, San Diego, CA. 2022.*
30. Multiomic Analysis Reveals Potential Mechanisms Of EGFR-inhibitor Resistance In Right Sided Colon Cancer Liver Metastases. Clinical Congress, *American College of Surgeons Annual Meeting, San Diego, CA. 2022.*
31. Impact of COVID-19 on the Gastrointestinal Surgical Oncology Population. *Annual Academic Surgical Congress, Houston, TX. 2023.*
32. Is There Benefit to Metastasectomy in High-Grade Gastropancreatic Neuroendocrine Carcinoma?. *Annual Academic Surgical Congress, Houston, TX. 2023.*
33. Multi-omic Analysis Reveals Potential Mechanisms of EGFR-inhibitor Resistance in Right Sided Colon Cancer Liver Metastases. Plenary Session at International Conference on Surgical Cancer Care, *Society of Surgical Oncology, Boston, MA. 2023.*
34. Role of Colectomy for Appendiceal Tumors. Plenary Session at Digestive Disease Week, *Society for Surgery of the Alimentary Tract, Chicago, IL. 2023.*
35. Effects of the Health Insurance Marketplace on Gastrointestinal Cancer Surgery Outcomes. *Digestive Disease Week, Society for Surgery of the Alimentary Tract, Washington D.C. 2024.*
36. HOXA13 Overexpression is Associated with Poor Prognosis in Colorectal Liver Metastases: *New England Surgical Society, Burlington, VT. 2024.*
37. Postoperative CRP Predicts Pancreatic Fistula Formation After Whipple Procedure: An Internal Validation Study: *New England Surgical Society, Burlington, VT. 2024.*
38. Evaluation of social support, discrimination, and perceived health in patients with gastrointestinal tract cancers. *American Society of Clinical Oncology Gastrointestinal Cancer Symposium, San Francisco, CA. 2025.*
39. Impact of Social Determinants of Health on Perceived Health in Gastrointestinal Cancer Patients. *Academic Surgical Congress, Las Vegas, NV. 2025.*
40. Self-Perceived Barriers to Healthcare Experienced by Patients with Gastrointestinal Cancers. *Society of Surgical Oncology Annual Meeting, Tampa, FL. 2025.*

## Professional Service:

### Peer Review Groups/Grant Study Sections

2025                      Ad hoc Member, Mechanisms of Cancer Therapeutics B Study Section (Invitation), National Institutes of Health/National Cancer Institute

### Journals

#### Editorial Board

10/2021-present	<i>Annals of Surgical Oncology</i>
01/2025-present	<i>Indian Journal of Surgery</i>
04/2025-present	<i>Journal of the American Medical Association (JAMA) Oncology</i>
12/2025-present	<i>Journal of Surgical Oncology, Associate Editor (Pancreas)</i>

#### Reviewer

05/2009-present	<i>International Journal of Oncology</i>
10/2013-present	<i>Journal of Gastrointestinal Surgery</i>

10/2013-present	<i>Journal of Surgical Oncology</i>
12/2013-present	<i>International Journal of Cancer</i>
05/2015-present	<i>Annals of Surgery</i>
12/2017-present	<i>Journal of the National Comprehensive Cancer Network</i>
05/2018-present	<i>Annals of Surgical Oncology</i>
02/2019-present	<i>Nature Reviews Gastroenterology and Hepatology</i>
03/2019-present	<i>New England Journal of Medicine</i>
04/2021-present	<i>Cancer</i>

### ***Professional Organizations***

#### The Surgical Biology Club

09/2024-present Inducted Member

#### The Southern Surgical Association

12/2022 Annual Meeting, Invited Guest  
12/2024 Annual Meeting, Invited Discussant

#### Society of University Surgeons

03/2022-present Inducted Member  
08/2022-present Institutional Representative  
03/2023-02/2024 Scholarship Committee, Member  
11/2025-present Nominating Committee, Member-At-Large

#### National Comprehensive Cancer Network

11/2017-present Member, Neuroendocrine Tumor Panel  
12/2024-present Member, Hepatobiliary Tumor Panel

#### Society for Surgery of the Alimentary Tract

10/2013-present Member  
07/2015-06/2018 Program Subcommittee Small Bowel, Member  
07/2018-06/2020 Program Subcommittee Hepatobiliary, Member  
07/2020-05/2023 Research Committee, Member  
05/2023-present Diversity & Inclusions Liaison Committee, Member  
05/2023-present Research Committee, Chair  
05/2024-present Mentorship Program, Mentor  
05/2025-present Pancreas Subcommittee, Member

#### Society of Surgical Oncology

10/2010-present Member  
03/2019-02/2022 Colorectal Disease Site Work Group, Member  
03/2015-02/2019 Gastrointestinal Disease Site Work Group, Member  
10/2019-present Fellow  
01/2024-present Hepato-Pancreato-Biliary Disease Site Work Group, Member

#### Association for Academic Surgery

07/2016-present Member

#### American Society of Clinical Oncology

01/2012-present Member

#### Americas Hepato-Pancreato-Biliary Association

05/2015-present Member

08/2016-07/2018 Research Committee, Member

Southwest Oncology Group

03/2014-present Member

American College of Surgeons

08/2013-present American College of Surgeons – Fellow

University of Chicago Medical Center

07/2010-6/2012 Cancer Committee, Member

Oregon Health and Science University

06/2010-present Mackenzie (Portland) Surgical Society – Member

American Medical Association

07/2001-05/2003 Member, Student

Siena College

03/1998-04/1999 Presidential Scholar Interview Committee

**Yale University Service**

***University Committees***

10/2013-9/2018 Yale University Undergraduate Mentoring Program  
 10/2014-9/2019 Yale University, Cancer Student Interest Group  
 11/2019-10/2023 Yale Institute for Global Health – Sustainable Health Initiative Faculty Mentor  
 06/2020-05/2024 Yale, Investigative Medicine Program – PhD Qualifying Committee Member (Kurbatov)  
 06/2021-7/2024 Yale, Department of Genetics – PhD Qualifying Committee Member (Ajaj)  
 06/2023-12/2024 Yale, Department of Genetics – PhD Qualifying Committee Member (Ly)

***Medical School Committees***

10/2013-present Yale University, Surgical Clerkship Mentorship Program  
 11/2013-present Yale School of Medicine, Faculty Research Advisor  
 02/2017-present Yale School of Medicine, Medicine Student Thesis Committee - Member  
 09/2017-present Yale School of Medicine, Medical Student Admissions Committee – Member  
 10/2021-present Yale School of Medicine, Dean’s Office, Office of Team Science, Promotion of Interdisciplinary Team Science (POINTS) program– Internal Advisory Board

***Departmental Committees***

08/2016-09/2018 Yale Department of Surgery, Grand Rounds Committee – Member  
 12/2018-06/2019 Yale Department of Surgery, Surgery Research Day Committee – Member  
 10/2018-06/2019 Yale Department of Surgery, Strategic Work Group: Academic Mission – Member  
 11/2020-10/2024 Yale Department of Surgery, Surgery Quality Council - Division (Surgical Oncology) Quality Representative  
 06/2021-01/2022 Yale Department of Surgery and Cancer Center, Division Chief Surgical Oncology Faculty Recruitment Committee – Co-Chair  
 12/2021-03/2022 Yale Department of Surgery, Surgical Oncology Faculty Recruitment (PSM) – Chair  
 12/2021-03/2022 Yale Department of Surgery, Surgical Oncology Faculty Recruitment (HPB) – Chair  
 09/2023-present Yale Department of Surgery, Research Advisory Council – Member

***Yale Cancer Center Committees***

09/2013-present Yale Cancer Center, Gastrointestinal Cancer Program – Member

08/2014-present	Yale Cancer Center, Sarcoma Program – Member
08/2014-present	Yale Pancreas Diseases Program – Member
08/2014-present	Yale Cancer Center, Melanoma Program – Member
01/2014-present	Yale Cancer Center, Cancer Genetics and Genomics – Member
01/2014-present	Yale Cancer Center, Liver Cancer Program – Member
08/2015-09/2018	Yale Cancer Center, Protocol Review Committee – Member
06/2021-01/2022	Yale Department of Surgery and Cancer Center, Division Chief Surgical Oncology Faculty Recruitment Committee – Co-Chair
01/2023-present	Center for Gastrointestinal Cancer - Yale Cancer Center-Smilow Cancer Hospital- Yale Health System – Leadership Cabinet
03/2024-present	Cancer Senior Leadership Group, Yale Cancer Center-Smilow Cancer Hospital – Member

### **Hospital Boards & Committees**

10/2013-present	Cancer Committee, YNHHS Bridgeport Hospital – Member
08/2015-present	Oncology Clinical Program Team, YNHHS Bridgeport Hospital – Member
09/2016-present	Smilow Cancer Hospital, Park Avenue Medical Center Advisory Board – Member
09/2017-06/2019	Medical Executive Nominating Committee - YNHHS Bridgeport Hospital– Member
04/2019-06/2019	COVID-19 Front Line Care, Medical Intensive Care Unit – Yale New Haven Hospital – Volunteer Faculty
06/2023-09/2023	Standardization of Hepatectomy, Care Signature Pathways - Yale Cancer Center/Smilow Cancer Hospital/Yale Health System - Leader
06/2023-09/2023	Standardization of Pancreatectomy, Care Signature Pathways - Yale Cancer Center/Smilow Cancer Hospital/Yale Health System - Leader
10/2023-01/2024	Standardization of Gastrointestinal Stromal Tumor Molecular Profiling - Yale Cancer Center/Smilow Cancer Hospital - Leader
02/2024-07/2024	Standardization of Surgical Oncology Care Committee: Staging Laparoscopy – Yale Cancer Center/Smilow Cancer Hospital - Chair

### **Press Service/Media Presence**

2001	Co-Founder/Coordinator, <i>Adopt-A-School Program, Syracuse, NY</i>
2001	Coordinator, <i>Syracuse Health Fair, Upstate Medical University, Syracuse, NY</i>
2014	Featured Oncology Expert, <i>Advances in Surgical Oncology, Tony &amp; Mike in the Morning Show, Radio WICC600 AM.</i>
2013	Featured Oncology Expert, <i>Surgical Options for GI Cancers, Yale Cancer Center Answers, Radio WNPR Connecticut Public Radio.</i>
2015	Featured Oncology Expert, <i>Treatment of Gastrointestinal Cancers, Tony &amp; Mike in the Morning Show, Radio WICC600 AM.</i>
2016	Featured Oncology Expert, <i>Treatment of Gastrointestinal Cancers, Tony &amp; Mike in the Morning Show, Radio WICC600 AM.</i>
2019	Featured Gastrointestinal Oncology Expert, <i>Why Pharmacies Stopped Selling Zantac, News 8 on Call, Television NEWS 8 wtnh.com.</i>
2022	Featured Research Study, <i>Black Patients More Often Get Substandard Care for GI Cancers, MedPage Today.</i>
2022	Featured Research Story, <i>Study Explores Racial Disparities Among Patients Undergoing Gastrointestinal Cancer Surgery, ASCO Post</i>
2022	Featured Expert, <i>Investigators Identify Significant Racial Disparities in Surgical Care for Cancer of the GI Tract, Cancer Network.</i>
2022	Featured Expert, <i>Significant Racial Disparities in Care Quality for GI Cancers, Medscape.</i>
2022	Featured Expert, <i>Investigators Identify Significant Racial Disparities in Surgical Care for Cancer of the GI Tract, News12 Connecticut.</i>

- 2022                      Featured Research Story, Black, Hispanic People Get Worse Care in Cancer Surgeries, COVID, Studies Find, *New Haven Register*.
- 2022                      Featured Expert, Investigators Identify Significant Racial Disparities in Surgical Care for Cancer of the GI Tract, *News12 New York*.
- 2022                      Featured Surgical Oncology Expert, Skin Cancer Prevention, *Eyewitness NEWS* 3.
- 2023                      Featured Research Study, Study Reveals Potential Target for Precision Colorectal Cancer Treatment. *YaleNews*.
- 2023                      Featured Expert, Episode 650. Do Minority Cancer Patients Receive Different Care Than White Patients?, *America Trends Podcast*.
- 2023                      Featured Expert, Does Colon Tumor Location Play a Role in Metastasis and Survival, *ASCO Post*.
- 2024                      Featured Expert, Immunotherapy Initiation at the End of Life in Patients with Metastatic Cancer in the United States, *JAMA Author Interview*.
- 2024                      Featured Expert, HPB Surgical Oncology, *SSO Education: 2024 HPB Wrapped*.

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### Peer-Reviewed Original Research

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4. Cheng YW, Idrees K, Shattock R, **Khan SA**, Zeng Z, Brennan CW, Paty PB, Barany F. Loss of imprinting and marked gene elevation are 2 forms of aberrant IGF2 expression in colorectal cancer. *International Journal of Cancer* 2010, Aug 1;127(3):568-77.
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failure after immunotherapy with checkpoint inhibitors predict the durability of local therapy for metastatic melanoma. *Journal of ImmunoTherapy of Cancer* 2019 Jul 24;7(1):196.

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## Practice Guidelines

115. Gastrointestinal Disease Site Working Group, Society of Surgical Oncology. Role: Develop national guidelines/consensus statements for surgical management of: esophageal cancer, gastric cancer, pancreatic neuroendocrine tumors, gastrointestinal stromal tumors.
116. Small Bowel Disease Working Group, Society for Surgery of the Alimentary Tract. Role: Develop national guidelines/consensus statements for surgical management of small bowel disease.
117. Research Committee, Americas Hepato-Pancreato-Biliary Association. Role: Award grants and develop educational curriculum for surgical research in the liver, pancreas and bile ducts.
118. Neuroendocrine Tumor Panel Committee, National Comprehensive Cancer Network. Version 4.2018. Role: Develop international guidelines/consensus statements for multidisciplinary management of neuroendocrine tumors.
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125. Hepatocellular Carcinoma Committee, National Comprehensive Cancer Network. Version 4.2024. Role: Develop international guidelines/consensus statements for multidisciplinary management of hepatocellular carcinoma.
126. Biliary Tract Cancers Committee, National Comprehensive Cancer Network. Version 6.2024. Role: Develop international guidelines/consensus statements for multidisciplinary management of biliary tract cancers.
127. Neuroendocrine Tumor Panel Committee, National Comprehensive Cancer Network. Version 1.2025. Role: Develop international guidelines/consensus statements for multidisciplinary management of neuroendocrine tumors.
128. Hepatocellular Carcinoma Committee, National Comprehensive Cancer Network. Version 1.2025. Role: Develop international guidelines/consensus statements for multidisciplinary management of hepatocellular carcinoma.
129. Biliary Tract Cancers Committee, National Comprehensive Cancer Network. Version 1.2025. Role: Develop international guidelines/consensus statements for multidisciplinary management of biliary tract cancers.

### Scholarship Under Review

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134. Butensky S, Schultz K, Godfrey E, Kim J, Johnson C, Leeds I, **Khan SA**. Patient Reported Barriers to Healthcare Access in Gastrointestinal Cancer Patients. Under peer review at *Annals of Surgical Oncology* 2025.
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