

SABHA GANAI
Sabha.Ganai@und.edu
CURRICULUM VITAE

Sabha Ganai, MD, PhD, MPH, FACS, FSSO

ORCID ID 0000-0001-6160-3559

Appointments Associate Professor of Surgery,
Director of Surgical Education,
University of North Dakota School of Medicine
and Health Sciences, Grand Forks, ND
GI/HPB Surgical Oncologist,
Department of Surgical Oncology,
Sanford Clinic, Fargo, ND
Clinical Investigator,
Sanford Research, Sioux Falls, SD
Adjunct Professor of Pharmacology,
North Dakota State University, Fargo, ND

Board Certifications Public Health (2017)
Complex General Surgical Oncology (2015)
General Surgery (2011)

Expertise Rural Cancer Disparities
Surgical Ethics

Websites www.sabhaganai.com
<https://und.edu/directory/sabha.ganai>
<https://www.sanfordhealth.org/doctors/sabha-ganai>

Education

06/2015 to 05/2017 Master of Public Health, Epidemiology
HARVARD UNIVERSITY, T.H. CHAN SCHOOL OF PUBLIC HEALTH
Boston, Massachusetts

08/2004 to 09/2007 Doctor of Philosophy, Program in Molecular and
Cellular Biology
UNIVERSITY OF MASSACHUSETTS AMHERST, DEPARTMENT OF CHEMICAL
ENGINEERING
Amherst, Massachusetts

08/1997 to 05/2001 Doctor of Medicine
UNIVERSITY OF SOUTHERN CALIFORNIA, KECK SCHOOL OF MEDICINE
Los Angeles, California

08/1993 to 05/1997 Bachelor of Science, Biomedical Engineering
Minor: Bioethics
UNIVERSITY OF SOUTHERN CALIFORNIA, VITERBI SCHOOL OF ENGINEERING
Los Angeles, California

Postgraduate Training

06/2019 to 06/2020 Senior Ethics Fellow
THE MACLEAN CENTER FOR CLINICAL MEDICAL ETHICS
Chicago, Illinois

S A B H A G A N A I

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- 07/2010 to 07/2013 Fellowship in Complex General Surgical Oncology
THE UNIVERSITY OF CHICAGO DEPARTMENT OF SURGERY
Chicago, Illinois
- 09/2012 to 07/2013 Fellowship in Medical Education
MEDICAL EDUCATION, RESEARCH, INNOVATION, TECHNOLOGY AND
SCHOLARSHIP (MERITS) PROGRAM
THE UNIVERSITY OF CHICAGO PRITZKER SCHOOL OF MEDICINE
Chicago, Illinois
- 7/2011 to 06/2013 Fellowship in Clinical Medical Ethics
THE MACLEAN CENTER FOR CLINICAL MEDICAL ETHICS
Chicago, Illinois
- 07/2007 to 07/2010 Residency in General Surgery, PGY 3-5
BAYSTATE MEDICAL CENTER / TUFTS UNIVERSITY SCHOOL OF MEDICINE
Springfield, Massachusetts
- 07/2003 to 07/2007 Research Fellow, Department of Surgery
BAYSTATE MEDICAL CENTER / PIONEER VALLEY LIFE SCIENCES INSTITUTE
Springfield, Massachusetts
- 07/2001 to 07/2003 Residency in General Surgery, Categorical PGY 1-2
BAYSTATE MEDICAL CENTER / TUFTS UNIVERSITY SCHOOL OF MEDICINE
Springfield, Massachusetts

Academic Appointments

- 07/2021 to present Director of Surgical Education, Clerkship Director,
University of North Dakota School of Medicine and
Health Sciences
- 01/2021 to 06/2021 Sanford Fargo Broadway Clinic Surgery Clerkship Site
Director, University of North Dakota School of
Medicine and Health Sciences
- 02/2020 to present Associate Professor, Department of Surgery,
University of North Dakota School of Medicine and
Health Sciences
- 02/2020 to present Clinical Investigator, Sanford Research, Sioux Falls,
South Dakota
- 06/2019 to 05/2020 Senior Fellow, MacLean Center for Clinical Ethics,
The University of Chicago Pritzker School of Medicine
- 07/2017 to 01/2019 Cancer Disparities Faculty, Office for Population
Science and Policy, Southern Illinois University
School of Medicine
- 09/2013 to 01/2019 Assistant Professor, Department of Surgery,
Southern Illinois University School of Medicine
- 07/2010 to 07/2013 Clinical Fellow, Department of Surgery
The University of Chicago Pritzker School of Medicine

S A B H A G A N A I

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07/2001 to 07/2010 Clinical Associate, Department of Surgery
Tufts University School of Medicine

Hospital Appointments

02/2020 to present Attending, Sanford Medical Center, Fargo, ND

11/2017 to 12/2018 Attending, Decatur Memorial Hospital, Decatur, IL

09/2013 to 12/2018 Attending, St. John's Hospital, Springfield, IL;
Memorial Medical Center, Springfield, IL

07/2010 to 06/2013 Fellow, University of Chicago Medical Center,
Chicago, IL; Northshore University HealthSystems,
Evanston, IL

07/2001 to 06/2010 Resident, Baystate Medical Center, Springfield, MA

Certification and Licensure

October 2022 South Dakota Board of Medical and Osteopathic
Examiners, License #13824, issued 10/04/2022, expires
3/01/2023.

April 2020 Minnesota Board of Medical Practice, License #67280,
issued 04/23/2020, expires 04/30/2023.

January 2020 North Dakota Medical Board, License #16299, issued
01/22/2020, expires 04/23/2023.

February 2019 Medical Board of California, License #160994, issued
02/28/2019, expires 02/28/2023.

February 2017 National Board of Public Health Examiners
Certification in Public Health #13300, issued
05/25/2017, continuous certification 12/31/2022.

February 2015 American Board of Surgery Certificate in Complex
General Surgical Oncology #000046, issued 02/10/2015,
expires 12/31/2025.

May 2011 American Board of Surgery Certificate in General
Surgery #056146, issued 05/03/2011, continuous
certification 1/20/2023.

July 2010 National Institutes of Health Course in Protecting
Human Research Participants, Certificate 475553.

January 2010 Illinois Department of Financial and Professional
Regulation License #036.124814, issued 01/09/2010,
expires 07/31/2023.

August 2009 Fundamentals of Laparoscopic Surgery, Certificate
1947602115.

September 2004 Collaborative Institutional Training Initiative
(CITI) Course in the Protection of Human Research
Subjects #61785, expires 08/14/2021.

May 2004 Commonwealth of Massachusetts, Board of Registration
in Medicine License #221128, issued 05/19/2004,

S A B H A G A N A I

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expires 04/23/2023.

October 2003 Advanced Trauma Life Support Instructor (inactive)
July 2001 Advanced Trauma Life Support, Expired June 2010
February 2001 Advanced Cardiac Life Support, Exp. July 2022

Professional Memberships

2021 to 2023 American Society for Bioethics and Humanities
2021 to 2023 Society of Academic Asian Surgeons
2021 to 2023 North Dakota Medical Association
2020 to 2023 Western Surgical Association
2020 to 2023 North American Neuroendocrine Tumor Society
2020 to 2021 Northern Plains Rural Surgical Association
2018 Alpha Omega Alpha
2017 Harvard Alumni Association
2017 Gold Foundation
2016 to 2023 American Public Health Association
2015 to 2023 American College of Surgeons, Fellow
2015 to 2021 American Medical Association
2015 to 2019 Illinois Chapter of ACS
2014 to 2020 Surgical Outcomes Club
2013 to 2023 Association for Surgical Education
2013 to 2022 Association of Women Surgeons
2013 to 2023 Americas Hepato-Pancreato-Biliary Association
2012 to 2023 The Pancreas Club
2012 to 2014 International Society for Diseases of the Esophagus
2011 to 2023 American Society of Clinical Oncology
2011 to 2023 American Society of Peritoneal Surface Malignancies
2010 to 2023 Society for Surgical Oncology
2007 to 2021 Society for Surgery of the Alimentary Tract
2006 to 2023 Association for Academic Surgery
2004 to 2021 Airplane Owners and Pilots Association
2003 to 2016 Society of American Gastrointestinal Endoscopic Surgeons

2001 to 2010 Massachusetts Medical Society
2001 USC Salerni Collegium
1997 Tau Beta Pi Engineering Honor Society

Honors and Awards

ASSISTANT PROFESSOR
2018 White Coat Ceremony Speaker, SIU School of Medicine

 Alpha Omega Alpha Honor Society

2017 Leonard Tow Humanism in Medicine Award, Gold Foundation

2016 Michael Zinner Health Services Research Fellowship, Surgical Outcomes Club

 Research Mentor Award, SIU School of Medicine Department of Surgery

S A B H A G A N A I

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Succeed Aspirant, SIU School of Medicine

Forty Under 40, Springfield Business Journal

Young Innovator, Sangamon County Medical Society

2015 Society for Surgery of the Alimentary Tract Health
Care Disparities Research Award

Junior Researcher of the Year, SIU School of Medicine
Department of Surgery

2014 Junior Faculty Outstanding Surgical Educator of the
Year, SIU School of Medicine Department of Surgery

Impact Player Award, SIU School of Medicine
Department of Surgery

2013 - 2017 Excellence in Resident Teaching, SIU School of
Medicine

2013 - 2017 Excellence in Medical Student Teaching, SIU School of
Medicine

2013 American College of Surgeons Women in Surgery
Committee Mentorship Program

POSTGRADUATE

2012 Society of Surgery of the Alimentary Tract, Residents
and Fellows Research Conference (May 18, 2012)

2011 Travelling Fellowship Award, Roger Williams Sarcoma
Symposium (March 25-26, 2011)

2010 Tufts University School of Medicine, Accomplished
Citation in Teaching for Residents (PGY-5)

Tufts University School of Medicine Class of 2010,
Excellence in Teaching Award

Award for Innovation in Research, Baystate Medical
Center / Tufts University School of Medicine, 11th
Annual Research Week: "Tumor-Targeted Delivery of
TRAIL Using Salmonella typhimurium in Metastatic
Breast Cancer in the Syngeneic Murine Model"

2009 Trauma Resident of the Year, Baystate Medical Center,
Tufts University School of Medicine

Tufts University School of Medicine, Excellence in
Teaching Citation for Residents (PGY-4)

2008 Tufts University School of Medicine, Accomplished
Teaching Citation for Residents (PGY-3)

2007 Significance in Research Award, Baystate Medical
Center / Tufts University School of Medicine, 8th
Annual Research Week: "Targeting Bacteriolytic
Therapy of Solid Tumors Using *Salmonella typhimurium*"

S A B H A G A N A I

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- 2006 Significance in Research Award, Baystate Medical Center / Tufts University School of Medicine, 7th Annual Research Week: "Adverse Outcomes of Geriatric Abdominal Surgical Patients at High Risk for Delirium"
- 2005 Poster of Distinction, Massachusetts Chapter of the American College of Surgeons: "Adverse Outcomes of Geriatric Abdominal Surgical Patients at High Risk for Delirium"
- 2003 Tufts University School of Medicine, Excellence in Teaching Citation for Residents (PGY-2)

UNDERGRADUATE

- 1998 California Academy of Family Physicians Preceptorship Award
- 1997 Magna Cum Laude, USC Viterbi School of Engineering
- 1995 to 1997 University of Southern California W.V.T. Rusch Engineering Honors Program

Grants and Funding

- 2022 - 2023
\$75,000 NIH DaCCoTA Community Engagement Grant U54GM128729
Primary Investigator - "An Explanatory Sequential Mixed-Methods Investigation of Colorectal Cancer Access Disparities in North Dakota"
- 2021 - 2022
\$8,965 NIH DaCCoTA Pilot Grant U54GM128729
Co-Investigator - "Artificial intelligence (AI)-based early cancer diagnosis using chromatin architectures in cell-free DNA" (Wang, UND, PI)
- 2021 - 2022
\$3,134 NIH DaCCoTA Pilot Grant U54GM128729
Co-Investigator - "Chemotherapy delivery via engineered 'Nano-missiles' for halting progression of pancreatic cancer" (Mohiuddin Quadir, NDSU, PI)
- 2021 - 2022
\$13,521 NIH R01 CA204193 Ostomy Self-management Training for Cancer Survivors - Cost Supplement Sub-Study
Co-Investigator (Robert Krause, UPenn, PI)
- 2021 - 2022
\$98,400 NIH P20 GM121341 Sanford Population Health COBRE
Primary Investigator - "An Exploration of Rural-Urban Disparities in Colorectal Cancer Care in North Dakota and South Dakota"
- 2020 - 2021
\$25,000 NIH 5UT2GM130175-03 SHARP Hub (PI, Rebecca Aistrup)
Subaward Primary Investigator (replacing Mark Jensen)
"Augmented Reality Surgical Training for Mastery of Open Operations"
- 2018 - 2019 Hillsboro Area Hospital Cancer Research Grant
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S A B H A G A N A I

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\$50,000	Primary Investigator - "Implementation of a Lung Cancer Screening Program in Hillsboro, Illinois"
2015 - 2017 \$40,000	Society for Surgery of the Alimentary Tract (SSAT) Health Care Disparities Research Award Primary Investigator - "Spatial Analysis of Rural Disparities in Staging and Oncologic Outcomes for Esophageal and Pancreas Cancer"
2003 - 2004 \$45,000	Margery Sadowsky Cancer Grant Co-Investigator - "Transanal Endoscopic Microsurgery" PI - Albert I. Alexander, M.D.

Oncology Cooperative Groups

2014 - 2023	National Cancer Institute Cancer Therapy Evaluation Program (CTEP) Investigator 53237, Exp. 08/02/2023
2014 - 2018	Southwest Oncology Group (SWOG) Investigator 53308
2014 - 2019	Heartland Cancer Research NCI Community Oncology Research Program (NCORP), 10211

Technical Skills Courses

June 2022	IRIS Infrared Illumination Ureteral Stent Placement and Training Course, AdventHealth Nicholson Center, Celebration, Florida
March 2022	Society for Surgical Oncology, Robotic Surgery Course, UT Southwestern Medical Center, Dallas, Texas
October 2021	IRCAD France, Advanced Robotic Upper Gastrointestinal Surgery Course, Strasbourg, France
August 2021	Americas Hepatopancreaticobiliary Association (AHPBA) Ultrasound and Advanced Tumor Ablation Course
October 2020	DaVinci Xi Advanced Robotic Skills Training, Intuitive Surgical, Atlanta, Georgia
December 2019	Northshore University Health Systems, Observership in Robotic HPB/Whipple Procedure, Evanston, Illinois
October 2019	IRCAD France, Advanced Flexible Endoscopy and Advanced Minimally Invasive Digestive Surgery Courses (POEM, endoscopic suturing), Strasbourg, France
March 2017	Endocrine Society, Advanced Thyroid Ultrasound Skills Course, Orlando, Florida
November 2012	Society of Surgical Oncology Fellows Institute, Ethicon Endoinstitute, Cincinnati, Ohio
November 2011	Surgical Oncology Rotation, Cytoreductive Strategies; Paul Sugarbaker, MD and Jesus Esquivel, MD, Washington Medical Center, Washington DC, and St. Agnes Hospital, Baltimore, Maryland.
March 2011	Society of Surgical Oncology, Hepatobiliary Ablative Techniques Workshop, San Antonio, Texas.

S A B H A G A N A I

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May 2005 American Society of Gastrointestinal Endoscopists
Advanced Endoscopy Workshop, Interactive Training and
Technology Center, Oak Brook, Illinois.

October 2003 American College of Surgeons Basic Ultrasound Skills
Workshop, Chicago, Illinois.

January 2003 Society of American Gastrointestinal Endoscopic
Surgeons Basic Laparoscopic Skills Program, Ethicon
Endoinstitute, Cincinnati, Ohio

Professional Development and Leadership Skills Courses

May 2022 - 2023 Association for Surgical Education Surgical Education
and Leadership Fellowship (SELF)

May - June 2021 Association of Medical Education in Europe (AMEE)
Essential Skills in Medical Education (ESME)
Certificate

May 2021 UCSF Implementation Science Short Course

Jan - Feb 2020 Harvard Business School Certificate in Disruptive
Innovation

February 2020 American College of Surgeons Billing and Coding Course

Oct 2019 - Feb 2020 Harvard Business School Credential in Readiness
Program

November 2019 Harvard Medical School Women in Leadership Course

August - Oct 2019 Harvard Business School Certificate in Management
Principles

June 2019 Harvard Medical School Writing, Publishing, and Social
Media for Healthcare Professionals Course

May - June 2019 Harvard Business School Certificate in Leadership
Principles

March 2019 AAMC Transforming Conflict into Collaboration -
Leadership and Management Foundations Program,
Washington, DC

February 2019 Society of University Surgeons (SUS) Mid-career
Academic Surgery Professional Development Course,
Houston, Texas

2018 - 2019 American College of Surgeons Women in Surgery
Committee, Mentorship Program (Mentee - Ashley Holder,
MD; Houston Methodist Medical Center)

October 2018 Nonoperative Technical Skills for Surgeons, American
College of Surgeons, Boston, Massachusetts

February 2017 Academic Surgical Congress Grant Writing Course, Las
Vegas, Nevada

S A B H A G A N A I

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December 2016	American College of Surgeons Health Services Research Methods Course, Chicago, Illinois
June 2016	Association of American Medical Colleges (AAMC) Early Career Women Faculty Professional Development Seminar, Englewood, Colorado
2014 - 2015	AAMC/Duke Population Health and Systems Thinking Graduate Medical Education Training Program
April 2013	Association for Surgical Education, Fundamentals of an Academic Career in Surgical Education, Orlando, Florida.
January 2013	Johns Hopkins Berman Institute for Bioethics, Winter Intensive Course, Baltimore, Maryland.
October 2005	Association for Academic Surgery, Fundamentals of Surgical Research Course, San Francisco, California
June 2004	New England Biolabs Molecular Biology Program, Smith College, Northampton, Massachusetts

Institutional Service

SANFORD CLINIC / UNIVERSITY OF NORTH DAKOTA (Associate Professor)

2021 to Present	Director of Surgical Education, UND School of Medicine and Health Sciences
2020 to Present	Member, Ethics Committee, Sanford Health
2020 to Present	Member, Cancer Committee, Roger Maris Cancer Center
2020 to Present	Administrator/QI, NSQIP Sanford Fargo Medical Center

SOUTHERN ILLINOIS UNIVERSITY (Assistant Professor)

2018 to 2019	Co-Chair, Research Committee, SIU Medicine Alliance for Women in Medicine and Science (AWIMS)
2017 to 2019	Cancer Disparities Faculty, Population Science and Policy
2015 to 2019	Vice-Chair, Department of Surgery, HSHS St. John's Hospital
2015 to 2018	Member, SIU Grant Review Committee
2015 to 2018	Co-Chair, SIU Outcomes Analysis and Research (SOAR) Group
2015 to 2018	Cancer Liason Physician, HSHS St. John's Hospital
2014 to 2018	Chair, Cancer Committee, HSHS St. John's Hospital
2014 to 2018	Cancer Liason Physician, Memorial Medical Center
2014 to 2018	Member, Memorial Medical Center Human Values and Ethics Committee
2014 to 2018	Member, SIU Population Health Science Steering Committee
2014 to 2019	Member, SIU Research Policy Committee

S A B H A G A N A I

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2013 to 2019 Member, Springfield Committee for Research Involving Human Subjects
2013 to 2018 Moderator, Upper Gastrointestinal / Hepatobiliary Multidisciplinary Conferences
2013 to 2018 Member, SIU Surgical Education Performance Group
2013 to 2018 Director of Gastrointestinal Oncology, Simmons Cancer Institute

TUFTS UNIVERSITY (Postgraduate)

2009 to 2010 Baystate Medical Center Department of Surgery, Administrative Chief Resident
2005 to 2007 Baystate Medical Center Department of Surgery, Research Committee
2003 to 2006 Baystate Medical Center Department of Surgery, Resident Leadership Group

UNIVERSITY OF SOUTHERN CALIFORNIA (Undergraduate)

1999 to 2000 USC Keck School of Medicine Education Policy Committee
1995 to 1997 USC Alpha Epsilon Delta: The National Premedical Honor Society: Vice-President
1996 to 1997 USC Phi Sigma: The Biological Sciences Honor Society: Secretary

Regional, National, and International Committees

2022 to Present Co-Chair, American Society for Bioethics and Humanities, Surgical Ethics Affinity Group
2021 to Present Member, North American Neuroendocrine Tumor Society Diversity, Equity, and Inclusion Committee
2021 to Present Mentor, North American Neuroendocrine Tumor Society
2021 to Present Mentor, SECOND Trial, American College of Surgeons
2021 Gastric and Esophageal Cancer Disease Site Focus Group Leader, Commission on Cancer
2020 to 2023 Advocacy Committee, Commission on Cancer
2020 to 2021 Resident Coach, Association for Women Surgeons
2018 to Present Board of Directors, The Consortium for Surgical Ethics
2018 to 2020 Councilor, Illinois Chapter of the American College of Surgeons
2018 to 2019 Member, Alliance for Clinical Trials Ethics Committee
2018 to 2019 Member, Association for Women Surgeons Communications Committee
2015 to 2019 Illinois Cancer Partnership
2015 to 2020 ACS/APDS/ASE Resident Prep Curriculum - Curricular Content Development Subcommittee

S A B H A G A N A I

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2013 to 2018 Springfield Committee for Research Involving Human Subjects
1997 to 1999 Fundraising Chair, Reach Out and Read Los Angeles
June 2000 Association of American Medical Colleges (AAMC)
Medical College Admissions Test Content Review Project
1997 Chair, Alpha Epsilon Delta / Southland Premedical Conference

American Society for Clinical Oncology (ASCO):

2015 to 2018 Member, Ethics Committee
2013 to 2019 Editorial Board, *ASCO Connection*
2013 to 2015 Member, Integrated Media and Technology Committee
2010 to 2013 Member, ASCO University Fellows Advisory Group

Americas Hepaticopancreaticobiliary Association (AHPBA):

2022 to Present Chair, Conflict of Interests Committee
2021 to 2023 Member, Conflict of Interests Committee
2014 to 2016 Member, Program Committee

Association for Academic Surgeons (AAS):

2021 to 2023 Member, Technology and Communications Committee
2020 to 2022 Member, Publications Committee
2017 to 2019 Chair, Ethics Committee
2016 to 2019 Member, Ethics Committee

Society for Surgery of the Alimentary Tract (SSAT):

2022 to 2024 Member, Public Policy and Advocacy Committee
2019 to 2021 Member, Communications Committee
2011 to 2019 Member, Resident and Fellows Education Committee

Society for Surgical Oncology (SSO):

2022 to 2024 Member, Business Development and Financial Sustainability Task Force
Member, ASO Social Media Committee
2019 to 2022 Member, Diversity and Inclusion Advisory Board
2018 to 2019 Member, Website User Experience Task Force
2017 to 2018 Member, Local Arrangements Committee, Chicago
2016 to 2018 Chair, Website and Social Media Communications Committee
2014 to 2016 Vice-Chair, Technology and Communications Committee

Community Service

March 2018 Health Career Opportunities Program, Springfield, IL
2017 to 2019 American Association of University Women (AAUW)
Springfield Chapter

S A B H A G A N A I

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2014 to 2016	Zonta International, Springfield Chapter
October 2015	SIU Medical Explorers Program
March 2014	Western Illinois University Premedical Students Program
January 2014	SIU School of Medicine Pipeline Students Program

Editorial and Peer Review Experience

EDITORIAL BOARD

2013 to 2019	<i>ASCO Connection, Meeting and News Publications</i>
2021 to present	<i>Annals of Surgical Oncology</i>

AD HOC JOURNAL REVIEWER

2021 to present	<i>Surgery</i>
2020 to present	<i>Journal of Surgical Research</i>
2019	<i>World Journal of Surgical Oncology</i>
2019	<i>Gastroenterology Research</i>
2018	<i>Annals of Surgery</i>
2017 to 2018	<i>Journal of Surgical Education</i>
2017 to 2018	<i>Patient Preference and Adherence</i>
2016 to present	<i>Annals of Surgical Oncology</i>
2016 to present	<i>Journal of Gastrointestinal Surgery</i>
2016 to 2018	<i>PLoS One</i>
2015 to present	<i>American Journal of Surgery</i>
2014 to 2015	<i>Cancer Medicine</i>
2010 to 2011	<i>British Journal of Surgery</i>
2009 to 2010	<i>World Journal of Surgical Oncology</i>
2007 to 2009	<i>Medical Science Monitor</i>
2007 to 2008	<i>Journal of Burns and Wounds</i>

Detail on peer reviews can be obtained at

<https://publons.com/researcher/1414472/sabha-ganai-md-phd-mph-facs>

ABSTRACT REVIEWER OR JUDGE, ANNUAL MEETINGS

2020 - present	UND Department of Surgery, Resident Research Day
2017 - 2018	International Hepatopancreaticobiliary Association World Congress
2017 - 2020	American Public Health Association
2017	SIU-SOM Medical Student and Trainee Research Day
2015 - 2018	SIU Department of Surgery, Resident Research Day
2015	Americas Hepatopancreaticobiliary Association

S A B H A G A N A I

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2014 - 2017 SSAT Resident and Fellows Conference

GRANT REVIEWER

2022 National Institutes of Health (NIH) Reviewer,
Imaging, Surgery, and Bioengineering (ISB Z10) Study
Section

2018 National Institutes of Health (NIH) Reviewer,
Dissemination and Implementation Research in Health
(DIRH) Study Section

2014 - 2018 SIU-SOM Internal Grant Peer Reviewer

Teaching Experience

UNDERGRADUATE, MEDICAL AND PUBLIC HEALTH EDUCATION

2021 - Present UND Surgery Clerkship Director

2018 - 2020 MPPE Advisor, Skyler Taylor

2018 MSIV Public Policy Course, Informed Consent

2018 - 2019 MSIV Advisor, Mustafaa Mahmood
MSIII Advisor, Aaron Fleming, Lauren Grant

2017 - 2019 Director, Southern Illinois University Medicine MS3
PEP Selective (4 week), "Multidisciplinary Oncology
Selective"

2017 - 2018 MSIII Advisor, Mustafaa Mahmood, Bridget Ollesch

2017 - 2018 MSIII Medical Humanities Course, Surgical Ethics

2016 - 2017 MSIII Advisor, Brian Cacioppo, Syed Salik
MPH Advisor, Nicholas Lanzotti (Benedictine Univ.)

2014 - 2016 SIU School of Medicine Death and Dying Panelist, MS-
III Medical Humanities Clerkship

2015 - 2016 SIU Surgical Clerkship. "Perioperative Care"

2014 - 2018 Director, Southern Illinois University School of
Medicine MS4 Elective (4 week), "Resident Readiness
Course" (5-13 students/year)

2001 - 2010 Clinical Associate, Tufts University School of
Medicine, Department of Surgery

POSTGRADUATE EDUCATION

2021 - present SECOND Trial Resident Coach
NANETS Faculty Development Mentor

2021 Association for Women Surgeons Resident Coach

2020 - Associate Professor, UND Department of Surgery

2017 - 2018 SIU General Surgery Core Curriculum Conferences:
Liver; Melanoma; Surgical Oncology.

S A B H A G A N A I

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2016 - 2017 SIU General Surgery Core Curriculum Conferences:
Liver; Melanoma/Sarcoma; Surgical Oncology.

Laparotomy Workshop, SIU General Surgery
Residency Skills Curriculum.

2015 - 2016 SIU General Surgery Core Curriculum Conferences:
Esophagus; Liver; Melanoma/Sarcoma; Surgical
Oncology.

SIU Family Medicine Core Curriculum Conference:
Surgical Oncology

SIU Ethics Curriculum Conference (Family Med,
Radiology, Pediatrics, OB/Gyn, Dermatology, Plastics,
Urology, ENT, Ortho)

2015, 2018 Breast Surgery Skills Workshop, SIU General Surgery
Residency Skills Curriculum

2014 - 2015 SIU General Surgery Core Curriculum Conferences:
Liver, Esophagus, Melanoma/Sarcoma.

2014 - 2018 Faculty, SIU Resident as Teacher Course

2014 - 2018 Hepatobiliary Surgery Skills Workshop, SIU General
Surgery Residency Skills Curriculum.

2013 - 2018 SIU General Surgery Core Curriculum Conferences:
Journal Clubs

2013 - 2018 Gastric Surgery Skills Workshop, SIU General Surgery
Residency Skills Curriculum

2013 - 2014 SIU General Surgery Core Curriculum Conferences:
Melanoma/Sarcoma

2013 - 2019 Assistant Professor of Surgery, Southern Illinois
University

2012 - 2013 Medical Education, Research, Innovation, Technology,
and Scholarship Program, The University of Chicago

2010 - 2013 Clinical Fellow, University of Chicago Pritzker
School of Medicine, Department of Surgery

2006 - 2009 Instructor, Advanced Trauma Life Support Instructors
Course

2003 - 2009 Instructor, Advanced Trauma Life Support Course

International Surgical Experience

September 2019 Health Volunteers Overseas USA (HVOUSA) Surgical
Oncology Volunteer, Hospital San Felipe, Tegucigalpa,
Honduras (R Jerez)

September 2012 Surgical Oncology Rotation, Instituto Clinico
Oncologico Fundacion Arturo Lopez Perez and

S A B H A G A N A I

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Universidad Catolica, Santiago, Chile (H de la Fuente, E Waugh, A Leon, H Gonzalez)

May 2010

Operation Hernia, Mission to Ulaan Bataar 2nd General Hospital and Muren Central Hospital, Mongolia (A Kingsnorth, DB Earle, BT Heniford, M Gutman, J Gorjanc), May 1 - 14, 2010.

Basic Science Research Experience

2012 to 2013	The University of Chicago, Department of Radiation Oncology <i>PI: Ralph R. Weichselbaum, MD, Professor and Chair of Radiation and Cellular Oncology</i>
2003 to 2007	University of Massachusetts Amherst, Department of Chemical Engineering <i>PI: Neil S. Forbes, PhD, Professor</i>
2003 to 2005	Baystate Medical Center, Department of Surgery <i>PI: Richard B. Arenas, MD, FACS, Chief, Surgical Oncology</i>
1996 to 1997	University of Southern California, Department of Neurosciences <i>PI: William O. McClure, PhD, Professor, Psychobiology</i>

Peer-Reviewed Publications

1. Hasan Khan MR, Hazra RS, Nair G, Mohammad J, Jiang L, Reindl K, Jawed KM, **Ganai S**, Quadir M. Cellulose Nanofibers as Scaffold-forming Materials for Thin Film Drug Delivery Systems. *Int J Pharmaceutics* 2022
2. Hazra RS, Hasan Khan MR, Kale N, Tanha T, Khandare J, **Ganai S**, Quadir M. Bioinspired Materials for Wearable devices and Point-of-Care Testing of Cancer. *ACS Biomater Sci Eng* 2022; PMID: 35679474.
3. McDow AD, Lanzotti N, Zahnd WE, Mackinney EC, Angelos P, Mellinger JD, **Ganai S**. Impact of Endocrinologist and Surgeon Density on Well-Differentiated Thyroid Cancer Survival. *Am Surg* 2022; PMID: 35591793.
4. Hazra R, Dutta D, Mamnoon B, Nair G, Knight A, Mallik S, **Ganai S**, Reindl K, Jiang L, Quadir M. Polymeric composite matrix with high biobased content as a pharmaceutically relevant molecular encapsulation and release platform. *ACS Appl Mater Interfaces* 2021; 13(34): 40229-40248. PMID: 34223963.
5. Schlogl M, Pak E, Bansal AD, Schell JO, **Ganai S**, Kamal AH, Swetz KM, Maguire JM, Perrakis A, Warraich HJ, Jones CA. Top Ten Tips Palliative Care Clinicians Should Know About Prognostication in Critical Illness and Heart, Kidney, and Liver Diseases. *J Palliative Med* 2021; 24(10): 1561-1567. PMID: 34283924.
6. Miller P, John P, **Ganai S**. How should surgical palliative success be defined? *AMA J Ethics* 2021; 23(10): E778-782. PMID: 34859771 DOI: 10.1001/amajethics.2021.778
7. Zahnd WE, Gomez SL, Steck SE, Brown MJ, **Ganai S**, Zhang J, Arp Adams S, Berger FG, Eberth JM. Rural-urban and Racial/Ethnic trends and disparities in Early-Onset and Average-Onset Colorectal Cancer. *Cancer* 2021; 127(2): 239-248. PMID: 33112412.
8. Feimster J, **Ganai S**, Scaife S, Mellinger JD. Determinants of 90-day readmission following ventral hernia repair with and without

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1. Curto E, Kaza AG, Sturdevant DA, Ganai S, Tuvin DM, Sticca RP. Improved Outcomes for Borderline Resectable Adenocarcinoma of the Pancreas after Neoadjuvant Chemotherapy in a Community Cancer Center.

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6. Chastain LK, Ganai S. Informed Consent and Disclosure of Surgical Experience. *Ethical Issues in Anesthesia and Surgery*. Springer 2015.
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4. **Ganai S.** A Breath of Relief. *HSHS St. John's Cancer Institute Annual Report*, 2017; pages 2-4.
5. **Ganai S.** Breast Cancer Boot Camp, or Why Do Clinical Trials Take So Much Effort? *The Academic Surgeon*. November 3, 2016.
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6. **Ganai S.** Prevention is the Best Medicine. *HSHS St. John's Cancer Institute Annual Report*, 2016; pages 2-4.
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S A B H A G A N A I

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Invited Lectures

1. "The Ethics of Telehealth". UW Medicine Department of Surgery Center for Surgical Ethics, 2022 Ethics Conference. August 5, 2022, Virtual.
2. "Leaping from Bench to Bedside". 2022 DaCCoTa Symposium, Introduction to Clinical-Translational Science Panelist. Sanford Center, Sioux Falls, SD, August 5, 2022.
3. "From Best Practice to Measure: The COC Disease Site Team Model". ACS Quality and Safety Conference, Chicago IL, July 15, 2022.
4. "How to Leverage Social Media to Enhance Your Practice and Career." Society for Surgical Oncology. Dallas, TX, March 11, 2022.
5. "Informed Consent and the Provider-Patient Relationship." Sanford Health APP Conference. Fargo, ND, January 28, 2022.

S A B H A G A N A I

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6. "Informed Consent". Phase 2 Curriculum Boot Camp, January 13, 2022.
7. "The Flourishing Surgeon: A Virtue Ethics Conceptual Model for Wellness". UW Medicine Department of Surgery Center for Surgical Ethics, 2021 Ethics Conference. August 4, 2021, Virtual.
8. "Feedback and Performance for Surgeons". UND Grand Rounds. June 4, 2021.
9. "Investigating Rural-Urban Disparities in Colorectal Cancer Care in the Dakotas". Sanford Annual Health Care Delivery and Population Health Research Symposium. May, 26, 2021, Virtual.
10. "The Opposite of Burnout". North Dakota and South Dakota Chapters of the American College of Surgeons, Fargo, ND, May 1, 2021.
11. "A Primer on Mentorship and Coaching". University of North Dakota School of Medicine and Health Sciences, April 8, 2021, Virtual.
12. "What to Do When Patient/Surrogate Wants Non-Optimal Surgical Choice." Ethical Issues in Geriatric Surgical Care. American College of Surgeons Clinical Congress, San Francisco, California, October 26, 2019.
13. "Students of Our Patients." White Coat Ceremony, Speaker, SIU School of Medicine, Carbondale, Illinois, August 10, 2018.
14. "Informed Consent and the Age of Shared Decision-Making" MSIV Medical Humanities Health Policy Course, SIU School of Medicine, Springfield, Illinois, March 20, 2018.
15. "Addressing Colorectal Cancer Access Disparities at a Population Level." Illinois Colorectal Cancer Roundtable. Illinois Colorectal Cancer Partnership. Springfield, Illinois, December 12, 2017.
16. "Investigating Rural-Urban Access Disparities in Southern Illinois." Surgical Outcomes Club Annual Meeting, San Diego, California, September 23, 2017.
17. "The Oncology Workforce and Access to Care." Southern Illinois University Simmons Cancer Institute Oncology Symposium, Springfield, Illinois, September 17, 2017.
18. "Surgical Ethics." MSIII Medical Humanities Health Policy Course, SIU School of Medicine, Springfield, Illinois, May 31, 2017.
19. "The Age of Shared Medical Decision-Making: Are We There Yet?" Springfield Chapter of the Hadassah. Springfield, Illinois, December 11, 2016.
20. "Putting it All Together: Multidisciplinary Management of Pancreas Cancer." 4th Annual Fall Festival of Learning. The Central Illinois Chapter of the Oncology Nursing Society. Springfield, Illinois, October 19, 2016.
21. "Targeting Cancer Therapy with Hyperthermic Chemoperfusion." 66th Annual Scientific Meeting of the Illinois Chapter of the American College of Surgeons. Springfield, Illinois, May 19, 2016.
22. "Using Health Geographics to Assess Cancer Disparities." SIU General Surgery Grand Rounds, January 14, 2016.
23. "Advances in Breast Cancer Care" and "Colorectal Cancer Prevention." SIU School of Medicine 13th Annual Women's Health Conference, October 15, 2015.
24. "Using Health Geographics to Assess Cancer Disparities." SIU Simmons Cancer Institute Research Seminar, October 12, 2015.
25. "Targeting Cancer Therapy with Hyperthermic Chemoperfusion." MMC Perioperative Nursing and Anesthesia Staff, August 6, 2015.

S A B H A G A N A I

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26. "Targeting Cancer Therapy: How Cancer Treatment is Determined by Tumor Biology." Cancer Registrars of Illinois, Illinois State Fairgrounds, April 10, 2015.
27. "Giving Effective Presentations." Residents as Teachers Course, Department of Surgery, SIU School of Medicine, September 5, 2014. October 2015.
28. "Targeting Cancer Therapy: How Cancer Treatment is Determined by Tumor Biology." Dove Conference Center, St. John's Hospital, July 29, 2014.
29. "Targeting Cancer Therapy: How Cancer Treatment is Determined by Tumor Biology." Simmons Cancer Institute, SIU School of Medicine, September 4, 2014.
30. "Breast 101: A Review of Problems, Diagnostics, and Clinical Management." Illinois Department of Public Health, Illinois Breast and Cervical Cancer Program. i-net Webinar, April 23, 2014.
31. "Perioperative Do Not Resuscitation Orders: How Ethics Informs Policy." Surgical Ethics Panel. 2013 Ethics Colloquium. *American College of Surgeons*, 99th Annual Clinical Congress, Washington DC, October 8, 2013.
32. "Nonmaleficence and the Surgeon: The Aviation Paradigm." Surgical Ethics Conference, The MacLean Center for Clinical Medical Ethics, The University of Chicago. March 13, 2013.
33. Siegler M, Devon KM, Ganai S. "Confidentiality and Social Media." Doctor-Patient Relationship Course, Pritzker School of Medicine, The University of Chicago. March 5, 2013.
34. "An Exploration of Nontherapeutic Laparotomy." Surgical Ethics Conference, The MacLean Center for Clinical Medical Ethics, The University of Chicago. December 12, 2012.
35. "Palliative Care and Surgical Oncology." Surgical Ethics Conference, The MacLean Center for Clinical Medical Ethics, The University of Chicago. April 25, 2012.
36. "The Ethics of Trauma and Triage." Surgical Ethics Conference, The MacLean Center for Clinical Medical Ethics, The University of Chicago. March 28, 2012.
37. "Targeting Bacteriolytic Therapy of Solid Tumors." Breast Cancer Research Group, University of Massachusetts Amherst. August 31, 2005.
38. "Clinical Management of Breast Cancer." Breast Cancer Research Group, University of Massachusetts Amherst. February 16, 2005.
39. "Targeting Bacteriolytic Therapy of Solid Tumors Using Attenuated *Salmonella typhimurium*." Pioneer Valley Life Sciences Institute, Springfield, Massachusetts. May 16, 2007.
40. "Molecular Biology and the General Surgeon." Surgical Grand Rounds, Baystate Medical Center, Springfield, Massachusetts. September 23, 2004.

Health Policy Experience

1. Advocacy Committee, Commission on Cancer. 2020 - 2023.
2. Illinois 99th General Assembly Senate Hearing, Public Health Committee. Subject Matter Witness - Cancer Mortality Rates in Minority Communities in Chicago. November 28, 2016.
3. American College of Surgeons Leadership and Advocacy Summit 2014. Washington, DC. March 30-April 1, 2014.

S A B H A G A N A I

sabha.ganai@und.edu

Invited Panelist, Discussant, or Session Moderator

1. Moderator, Mini-Oral Presentations, Western Surgical Association. Santa Barbara, California, November 7, 2022.
2. Discussant, Western Surgical Association. Santa Barbara, California, November 6, 2022.
3. Moderator, Scientific Session III: Surgical Oncology and Surgical Outcomes. Society of Asian Academic Surgeons Annual Meeting 2022, Honolulu, Hawaii, September 19, 2022.
4. Moderator, Esophagus, Gastric, Bariatric Plenary Session. Society for Surgery of the Alimentary Tract, Digestive Disease Week, San Diego, California, May 24, 2022.
5. Discussant, Western Surgical Association. Indian Wells, California, November 7, 2021.
6. Panelist, "Strategic Partnerships to Promote the Pancreatic Cyst Trial (EA2185)." Alliance PARTNRS in Action, Virtual Meeting, August 27, 2021.
7. Panelist, "Ethical, Legal, and Social Implications of Surgical Recording." Vanderbilt University School of Medicine, Virtual Meeting, May 14, 2021.
8. Panelist, "Ethical Issues in Oncology Raised During the COVID-19 Pandemic". American Society of Clinical Oncology. Modified due to Pandemic to *ASCO Virtual Meeting*, August 8, 2020.
9. Discussant, Society for Surgery of the Alimentary Tract, Virtual Meeting due to Pandemic. Wednesday, June 24, 2020.
10. Discussant, American College of Surgeons Clinical Congress Ethics Symposium. San Francisco, California, October 28, 2019.
11. Moderator. Clinical/Outcomes: General Surgery - Patient Outcomes Quick Shots. Academic Surgical Congress. Houston, Texas, February 5, 2018.
12. Moderator and Panel Chair, SSAT Residents Education Committee Session: "Surgical Innovation in an Era of Patient Safety." Digestive Disease Week. Washington, DC, June 3, 2018.
13. Panelist, "Out in the Rural" National Public Health Week Panel Discussion. Office for Population Science and Policy. Springfield, IL, April 5, 2018.
14. Moderator, Education Quick Shots. Academic Surgical Congress. Jacksonville, Florida, January 31, 2018.
15. Moderator and Panel Chair, AAS Ethics Committee Session: "Intraoperative Dilemmas in Resident Education." Academic Surgical Congress. Jacksonville, Florida, January 30, 2018.
16. Discussant, American College of Surgeons Clinical Congress Ethics Symposium. San Diego, California, October 24, 2017.
17. Ethics Panelist, SIU School of Medicine Resident curriculum, May 26, 2016.
18. Death and Dying Panelist, SIU School of Medicine MS-IV Ethics curriculum, December 11, 2015 and January 8, 2016.
19. Discussant, American College of Surgeons Clinical Congress Ethics Symposium. October 6, 2015.

S A B H A G A N A I

sabha.ganai@und.edu

20. University of Toronto General Surgery Exam Review #utsger Twitter Chat Moderator on Gastrointestinal Oncology. May 28, 2015.
21. Speaker, SIU Simmons Cancer Institute Women's Power Lunch, April 24, 2015.
22. Pancreas Oncology Long Oral Abstracts Moderator. *Americas Hepatopancreatobiliary Association*, 2015 Annual Meeting. Miami, Florida, March 13, 2015.
23. Ethics Committee Session Invited Panelist, "Surgical Ethics in the Information Age", *Association for Academic Surgery*, Academic Surgical Congress, Las Vegas, Nevada, February 5, 2015.
24. Death and Dying Panelist, SIU School of Medicine MS-IV Ethics curriculum, December 17, 2014 and January 10, 2015.
25. Health Care Social Media Canada #hcsma Twitter Chat Moderator on Health Care Social Media and Professional Development. July 3, 2013.
26. "Patient Presentation: Locally-advanced Distal Esophageal Cancer." The University of Chicago Center for Gastrointestinal Oncology, Third-Annual Gastrointestinal Cancer Symposium. *Controversies in the Management of Complex GI Cancer Patients*. The Ritz Carlton Hotel, Chicago, Illinois. May 6, 2011.

Multimedia Presentations

1. Ganai S. "The Nuts and Bolts of Fellowship." SSAT Residents Corner. <https://www.youtube.com/watch?v=dZcKLlpg8rE>
2. Ganai S. "A Show of Hands" (Charcoal). *SCOPE*, 2015. Southern Illinois University School of Medicine: page 2.
3. Ganai S. "Entropy and the Future of Medical Education". November 14, 2012. <http://youtu.be/iCVxlmCaJ70> - A video response to the 2012 *Academic Medicine* Question of the Year.

Media Excerpts, Podcasts, and Quotations

1. "Ostomy Telehealth Clinical Trial". WDAY-TV, September 29, 2022. https://archive.tveyes.com/18120/3524231-190808/e4530c76-3a3f-4c3f-8919-87ba5f1450ea/KMCY_09-29-2022_17.02.14.mp4
2. "ASCO22 Equity-focused Breast Cancer Research Explores Gender Identity and Social Determinants of Health". *ASCO Daily News*. July 22, 2022. <https://dailynews.ascopubs.org/do/10.1200/ADN.22.201085/full/>
3. "#ASCO21 Research Highlights Equity-Focused Efforts in Cancer Care." *ASCO Daily News*. June 16, 2021. <https://dailynews.ascopubs.org/do/10.1200/ADN.21.200626/full/>
4. "Ethical Issues in Oncology Raised During the COVID-19 Pandemic". *UroToday*. August 10, 2020. <https://www.urotoday.com/conference-highlights/asco-virtual-2020/123731-ethical-issues-in-oncology-raised-during-the-covid-19-pandemic.html>

S A B H A G A N A I

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5. "COVID-19 Brings New Ethical Dilemmas to the World of Oncology." *ASCO Daily News*. August 8, 2020.
<https://dailynews.ascopubs.org/do/10.1200/ADN.20.200245/full/>
6. "Thyroid cancer survival higher for US city residents." *Healio*. May 22, 2019.
<https://www.healio.com/endocrinology/thyroid/news/online/%7B8d3fb391-dbeb-4b15-9666-2d988a05770f%7D/thyroid-cancer-survival-higher-for-us-city-residents>
7. "Unique treatment for cancer in Springfield." *News Channel 20*, November 7, 2018.
<https://newschannel20.com/news/local/springfield-one-of-two-places-offering-unique-treatment-for-cancer>
8. "Changes in the guidelines for colorectal cancer screening." *WTAX news radio*, June 4, 2018. <http://wtax.com/podcasts/changes-in-the-guidelines-for-colorectal-cancer-screening/>
9. "Honor Medical Society Welcomes 14 New Members." *SIU Aspects*. Summer 2018; May 21, 2018.
<https://www.siumed.edu/pr/highlights/honor-medical-society-welcomes-14-new-members.html>
10. "Study confirms curable state between single and widespread cancers." *HealthNewsDigest.com*; May 8, 2018.
http://www.healthnewsdigest.com/news/Cancer_Issues_660/Study-Confirms-Curable-State-Between-Single-and-Widespread-Cancers.shtml?utm_source=SIU+Medicine+Examiner+5.11.18&utm_campaign=Newsletter-4-27-18&utm_medium=email
11. "Study confirms curable state between single and widespread cancers: Molecular subtypes distinguish low-risk from intermediate and high-risk patients." May 7, 2018. <http://www.newswise.com/articles/study-confirms-curable-state-between-single-and-widespread-cancers>
12. "SIU Faculty, Student Receive Humanism, Teaching Awards". May 25, 2017.
<https://www.siumed.edu/pr/highlights/siu-faculty-student-receive-humanism-teaching-awards.html>
13. "Forty Under 40." *Springfield Business Journal*, July 2016.
<http://springfieldbusinessjournal.com/2016/06/forty-under-40-2016/>
14. "Treatments to target erectile dysfunction, cancer lauded as medical innovations." *Springfield Journal-Register*, March 9, 2016.
<http://www.sj-r.com/news/20160309/treatments-to-target-erectile-dysfunction-cancer-lauded-as-medical-innovations>
15. "13th Annual Women's Health Conference." *ABC 20*, Springfield, IL. October 14, 2015. <http://www.newschannel20.com/news/top-stories/stories/13th-annual-womens-health-conference-25703.shtml#.Vh-odTpZj5o.twitter>
16. Gibbs K. "State funds run out for women's health services." *WCIA CBC Channel 3*; Champaign, IL. October 14, 2015.

S A B H A G A N A I

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<http://www.illinoishomepage.net/news/capitol-news/state-funds-run-out-for-womens-health-services>

17. "SIU Med School pledges 80% by 2018."
http://www.siumed.edu/news/Releases%20FY15/SCI-80Percentby2018_6-3-15.html
18. Budde R. "Second Chances: Heated chemotherapy treatment provides Cantrall couple and four young girls more time as a family." *Aspects*. SIU School of Medicine Magazine, Spring 2015, 38(2): 14-19.
<https://www.siumed.edu/second-chances.html>
19. "First Ever Offered in Central Illinois, Heated Chemotherapy Treatment." *ABCNews 20*; Springfield IL; February 3, 2015.
20. Olsen D. "Cancer-fighting procedure gives older parents new hope." *The State Journal and Register*; Springfield IL: February 1, 2015, page 1.
<http://www.sj-r.com/article/20150131/News/150139894>
21. "Surgical Oncologist Brings Cutting Edge Expertise to the Area" *Healthy Cells Magazine*; Springfield / Decatur IL: November 2013, page 24.
22. "From Where I Sit: A Fellow's Perspective" *ASCO Daily News*, May 31, 2013.
23. Brunk D. "Most Gastric Tumors Handled Best with Laparoscopy." *GI & Hepatology News*; November 2012: 20.
24. "Interview with Dr. Sabha Ganai on Social Media." *ASCO Connection*: September 20, 2012.
<http://connection.asco.org/Magazine/Article/ID/3321/Interview-with-Dr-Sabha-Ganai-on-Social-Media.aspx>
25. Brunk D. "Laparoscopy Tops Open Resection for Most Gastric Tumors." *ACS Surgery News*: June 4, 2012.
www.acssurgerynews.com/news/top-news/single-article/laparoscopy-tops-open-resection-for-most-gastric-tumors/a959461bd68c43b7dc0bb10a3ccac6ce.html
26. "TRAIL - A Pioneering Breast Cancer-Combatant Drug That Detonates on Cue." *CANCERY*: December 23, 2009.
www.cancery.com/trail-a-pioneering-breast-cancer-combatant-drug-that-detonates-on-cue.html
27. "Cancer-fighting protein successfully placed directly into solid tumors and turned on." *News Medical*; November 18, 2009.
<http://www.news-medical.net/news/20091118/Cancer-fighting-protein-successfully-placed-directly-into-solid-tumors-and-turned-on.aspx>
28. "Detonating tumor-killer drug in cancers on command". *ScienceDaily*: November 18, 2009.
www.sciencedaily.com/releases/2009/11/091117190726.htm
29. "Forbes develops system to 'detonate' cancer-killing TRAIL inside tumors on command." *UMass Talking Points*: November 20, 2009.
www.umass.edu/loop/talkingpoints/articles/95782.php
30. "Double whammy zaps cancer tumors". *Points of Pride*. UMass College of Engineering; October 2009.

S A B H A G A N A I

sabha.ganai@und.edu

<https://www.ecs.umass.edu/index.pl?id=6387&isa=Category&op=show>

31. Palpini K. "Eureka! A scientist's playground." *Daily Hampshire Gazette*. January 15, 2010.
32. Norris P. "Medical Residents Adjusting". *Sunday Republican*. Springfield, MA; February 29, 2004: A1
33. Fillon M. "SSO: Transanal Endoscopic Microsurgery Effective on Early Rectal Cancer". *Doctors Guide*: March 27, 2005.
34. "Poor Surgical Outcomes for Patients at Risk for Delirium: Suboptimal postoperative care contributes to higher mortality rates in geriatric patients". *ModernMedicine.com* : November 21, 2007.
www.modernmedicine.com/modernmedicine/Gastr...-Risk-for-De/ArticleNewsFeed/Article/detail/474333.
35. Kinney J. "iStan teaches doctors a lesson". *Springfield Republican*. Springfield, MA; July 23, 2008: B1.
36. Kinney J. "Baystate Health unveils renovated \$2 million simulation center." *The Republican Newsroom*. July 22, 2008.
37. Grossman M. "Baystate Medical Center's Virtual Learning Center". CBS News. Springfield, MA; July 22, 2008.
www.cbs3springfield.com/news/local/25775049.html
38. "Surgical Simulation May Support Patient-Safe Learning". *Operating Room Risk Management*, ECRI Institute: December 2007; page 1.
39. Barclay L. "Risk Factors for Delirium Identified in Geriatric Patients Undergoing Abdominal Surgery". *Medscape Today*, WebMD: November 26, 2007.

Academic Presentations: Podium

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1. Stover A, Sang HT, Ganai S. Disparities in Rural Access to Care for Soft Tissue Sarcomas. Academic Surgical Congress, Houston, Texas, February 8, 2023.
 2. Zimmerman JT, Sang HT, Schroeder S, Ganai S. An Exploration of Spatial Barriers to Colorectal Cancer Care Accessibility in North Dakota. *Western Surgical Association*, 130th Scientific Session. Santa Barbara, CA, November 5-8, 2022.
 3. Ganai S. Investigating Rural-Urban Disparities in Colorectal Cancer Care in the Dakotas. Annual Health Care Delivery and Population Health Research Symposium. Sanford Research. Virtual meeting, May 26, 2021.
 4. Khan AA, Taylor S, Zahnd WE, **Ganai S**. Gastrointestinal Cancer Incidence and Trends in United States Rural and Urban Populations. *Society for Surgery of the Alimentary Tract*, 60th Annual Meeting, 2019 Digestive Disease Week, San Diego, California, May 18-21, 2019 (Quick Shots).
 5. Feimster J, **Ganai S**, Scaife S, Mellinger JD. Determinants of 90-day readmission following ventral hernia repair with and without myocutaneous flap reconstruction. *SAGES*, Baltimore, Maryland, April 3-6, 2019.
 6. Taylor S, Zahnd WE, **Ganai S**. Rural-urban and racial/ethnic disparities in hepatocellular carcinoma incidence. *Academic Surgical Congress 2019*, Houston, Texas, February 3-7, 2019 (Long Oral).

S A B H A G A N A I

sabha.ganai@und.edu

7. Knight S, Mellinger JD, **Ganai S**. Cost-effectiveness of Index Treatment Strategies for Gallstone Pancreatitis. *Academic Surgical Congress 2019*, Houston, Texas, February 3-7, 2019 (Long Oral).
8. Day J, Zahnd WE, Poola P, Rakinic J, **Ganai S**. Spatial Accessibility to Colorectal Surgeons in the State of Illinois. *Academic Surgical Congress 2019*, Houston, Texas, February 3-7, 2019 (Quick Shots).
9. O'Malley S, Stumpf M, Sutyak J, **Ganai S**, Smith M, MacKinney E. Unintended Consequences of a VTE Prophylaxis Order Set for Trauma Patients. *Academic Surgical Congress 2019*, Houston, Texas, February 3-7, 2019 (Quick Shots).
10. Stumpf M, O'Malley S, Sutyak J, **Ganai S**, MacKinney E, Smith M. Efficacy of an Order Set for Appropriate VTE Prophylaxis Use in Trauma Patients. *Academic Surgical Congress 2019*, Houston, Texas, February 3-7, 2019 (Quick Shots).
11. Rossi M, Buckley EJ, Zahnd W, **Ganai S**. Rural-Urban Differences in Time to Radiation among Breast Conserving Surgery Patients. *Illinois Chapter of the American College of Surgeons*, Chicago, Illinois, April 29, 2018.
12. Sparks T, Scaife S, Mellinger JD, **Ganai S**. Matched Analysis Exploring Rural-Urban Differences in Management of Gallstone Pancreatitis. *American College of Surgeons Clinical Congress*, Surgical Forum, San Diego, California, October 22-26, 2017.
13. Sturm EC, Zahnd W, Mellinger JD, **Ganai S**. Rural-Urban and Regional Differences in Receipt of Esophagectomy for Early-Stage Esophagus Cancer. *Society for Surgery of the Alimentary Tract*, 58th Annual Meeting, 2017 Digestive Disease Week, Chicago, Illinois, May 6-9, 2017 (Quick Shots).
14. Sturm EC, Zahnd W, Mellinger JD, **Ganai S**. National Trends in Local Excision and Esophagectomy for cT1N0 Esophageal Cancer. *Society of Surgical Oncology*, 2017 Cancer Symposium, Seattle, Washington, March 2-5, 2017 (GI Plenary).
15. Sturm EC, Zahnd WE, Mellinger JD, **Ganai S**. National Trends in Surgical Decision-Making for Early-Stage Esophageal Cancer. *Academic Surgical Congress 2017*, Las Vegas, Nevada, February 2-5, 2017 (Quick Shots).
16. Lanzotti NJ, Zahnd WE, Tseng JF, Mellinger JD, **Ganai S**. Impact of Travel Distance on Survival from Early-Stage Breast and Pancreas Cancer. *Academic Surgical Congress 2017*, Las Vegas, Nevada, February 2-5, 2017 (Quick Shots).
17. McDow A, Zahnd WE, Angelos P, Lanzotti NJ, Mellinger JD, **Ganai S**. Impact of Endocrinologist and Surgeon Density on Thyroid Cancer Survival. *Academic Surgical Congress 2017*, Las Vegas, Nevada, February 2-5, 2017 (Long Oral).
18. Tehrani N, **Ganai S**, Garfinkel M. Oncologic adequacy of resection in elective versus emergency cases of colon cancer. *Academic Surgical Congress 2017*, Las Vegas, Nevada, February 2-5, 2017 (Quick Shots).
19. Selby LV, **Ganai S**, Shirley LA, Wright AS, Harzman AE, Ghaferi A, Matthews JB. Research at Academic and Community Surgical Residencies: Results of a National Survey of Surgical Residents. *2016 American College of Surgeons Clinical Congress*, October 16-20, 2016.
20. Teitelbaum EN, **Ganai S**, Vu HN, Grams JM, Krall J, Muruyama KM, Society for Surgery of the Alimentary Tract Resident Education Committee. Selection criteria for general surgery fellowships: a survey of fellowship program directors. *Society for Surgery of the Alimentary Tract*, 57th Annual

S A B H A G A N A I

sabha.ganai@und.edu

Meeting, 2016 Digestive Disease Week, San Diego, CA, May 21-24, 2016 (Quick Shots).

21. Patel L, **Ganai S**, Talamonti MS, Howington J, Kim KW, Linn J, Ujiki MB. Clinical Outcomes Following Esophagectomy with and without Laparoscopic Ischemic Gastric Preconditioning. *Society for Surgery of the Alimentary Tract*, 57th Annual Meeting, 2016 Digestive Disease Week, San Diego, CA, May 21-24, 2016. (Quick Shots)
22. Canopy E, Zahnd W, Breslin TM, Rea DJ, Mellinger JD, **Ganai S**. National Trends of the Impact of Rurality on Breast Cancer Surgery. 66th Annual Scientific Meeting of the Illinois Chapter of the American College of Surgeons. Springfield, Illinois, May 18-20, 2016.
23. Khan AA, Desai SS, Mellinger JD, **Ganai S**. Do National Trends in Surgical Resident Case Volumes for Complex Oncologic Cases Justify a Need for Additional Fellowship Training? *Academic Surgical Congress* 2016, Jacksonville, Florida, February 2-4, 2016. (Quick Shots)
24. McDow A, Mellinger JD, **Ganai S**, Desai SS. The Impact of Physician Specialization on Clinical and Hospital Outcomes in Patients Undergoing Thyroidectomy for Thyroid Cancer. *Academic Surgical Congress* 2016, Jacksonville, Florida, February 2-4, 2016. (Long Oral)
25. Regan J, Zahnd W, Kistner B, Ali A, Mellinger JD, **Ganai S**. Rural Disparities in Esophageal Cancer Outcomes based on Distance from Endoscopic Ultrasound (EUS)-Trained Gastroenterologists. *Illinois Chapter of the American College of Surgeons*, 65th Annual Scientific Meeting, Peoria, Illinois, June 18-20, 2015.
26. Zahnd W, Kistner B, Ali A, Mellinger JD, **Ganai S**. The Impact of Rurality and Access to Gastroenterologists on Disparities in Pancreas Cancer Staging and Mortality. *The Pancreas Club*, 49th Annual Meeting, 2015 Digestive Disease Week, Washington, DC, May 15-16, 2015. (Long Oral)
27. Wightman SC, Uppal A, Oshima G, Huang X, **Ganai S**, Khodarev NN, Posner MC, Weichselbaum RR. Suppression of CXCL10/CXCR3 Switches Polymetastatic Phenotype to Oligo- in a Melanoma Mouse Model. *Association for Academic Surgery*, Academic Surgical Congress, Las Vegas, Nevada, February 2-5, 2015.
28. **Ganai S**, Talamonti MS, Howington J, Kim KW, Linn J, Ujiki MB. Laparoscopic gastric ischemic preconditioning improves functional outcomes after esophagectomy. *Western Surgical Association*, Salt Lake City, Utah, November 2-5, 2013.
29. Wightman SC, Uppal A, **Ganai S**, Darga T, Khan S, Khodarev N, Posner M, Weichselbaum R. Increased CXCL10 expression by tumor cells is associated with polymetastatic phenotype. *American College of Surgeons*, 99th Annual Clinical Congress, Washington DC, October 6-10, 2013. (Surgical Forum)
30. **Ganai S**, Golden DW, Wise M, Fromme HB, Schindler N, Van Slambrouck C, Posner MC, Hahn OM. Multidisciplinary tumor board involvement by oncology trainees: an educational needs assessment. *American Association for Cancer Education*, International Cancer Education Conference, Seattle, Washington, September 18-21, 2013.
31. Akhtar AS, **Ganai S**, Hahn OM, Maggiore RJ, Cohen EE, Posner MC, Chmura SJ, Howard AR, Golden DW. Interdisciplinary clinical oncology education: a National needs assessment. *American Association for Cancer Education*, International Cancer Education Conference, Seattle, Washington, September 18-21, 2013.

S A B H A G A N A I

sabha.ganai@und.edu

32. **Ganai S.** The Surgical Ethics Consortium. *Association for Surgical Education*, Surgical Education Week, Orlando, Florida, April 23-27, 2013. (Thinking Out of the Box Lunch)
33. **Ganai S,** Prachand VN, Posner MC, Alverdy JC, Choi E, Waxman I, Patti MG, Roggin KK. Predictors of Unsuccessful Laparoscopic Resection of Gastric Submucosal Neoplasms. *Society for Surgery of the Alimentary Tract*, 53rd Annual Meeting, Digestive Disease Week, San Diego, California, May 17-22, 2012. (Research Conference and Plenary Session)
34. Uppal A, Wightman S, **Ganai S,** Khodarev NN, Weichselbaum RR, An G. Identifying Constraints on a Set of Putative Mechanisms Affecting the Dynamics of Oligo- versus Poly-metastases Using Agent-based Modeling. *Association for Academic Surgery*, Academic Surgical Congress, New Orleans, Louisiana, February 5-7, 2012. (Quick Shots)
35. Rossini CJ, **Ganai S,** Arenas RB, Forbes NS. Tumor-Targeted Delivery of TRAIL Using Salmonella typhimurium in Metastatic Breast Cancer in the Syngeneic Murine Model. Baystate Medical Center / Tufts University School of Medicine, 11th Annual Research Week, Springfield, Massachusetts, May 17-20, 2010 (Award for Innovation in Research).
36. **Ganai S,** Arenas RB, Sauer JP, Bentley B, Forbes NS. Attenuated Salmonella typhimurium effectively targets breast cancer metastases. *Society of Surgical Oncology*, 62nd Annual Cancer Symposium, Phoenix, Arizona, March 4-8, 2009. (Cancer Forum)
37. **Ganai S,** Arenas RB, Sauer JP, Bentley B, Forbes NS. Tumor-targeting attenuated Salmonella typhimurium accumulates within therapeutically-resistant microenvironments adjacent to tumor necrosis. *American College of Surgeons*, 97th Annual Clinical Congress, San Francisco, California, October 12-16, 2008. (Surgical Forum)
38. **Ganai S,** Arenas RB, Forbes NS. Tumor-Targeted Delivery of TRAIL Using Salmonella typhimurium Enhances Breast Cancer Survival. *New England Surgical Society*, 15th Annual Surgical Resident and Fellow Research Day, Harvard Medical School, Boston, Massachusetts, May 16, 2008.
39. Wohaibi EM, **Ganai S,** Wait RB, Romanelli JR. Suture Survival in an Acidic Environment: Implications for Natural Orifice Transgastric Endolumenal Surgery (NOTES). *New England Surgical Society*, 15th Annual Surgical Resident and Fellow Research Day, Harvard Medical School, Boston, Massachusetts, May 16, 2008.
40. **Ganai S,** Arenas RB, Sauer JP, Bentley B, Forbes NS. Spatiotemporal Dynamics of Attenuated Salmonella typhimurium Proliferation in Tumor Microenvironments. *New England Surgical Society*, 14th Annual Surgical Resident and Fellow Research Day, Harvard Medical School, Boston, Massachusetts, May 11, 2007.
41. Kanumuri P, **Ganai S,** Wohaibi EM, Bush RW, Grow DR, Seymour NE. Virtual Reality and Computer-Enhanced Skills Training Devices are Equally Effective in Building Complex Surgical Skills in Novices. *The Association for Surgical Education*, 2007 Surgical Education Week. Washington, DC. April 10-14, 2007.
42. **Ganai S,** Garb JL, Kanumuri P, Rao RS, Alexander AI, Wait RB. Mapping the Rectum: Spatial Analysis of Transanal Endoscopic Microsurgical Outcomes using GIS Technology. *American College of Surgeons, Massachusetts Chapter*, Dedham, Massachusetts, November 19, 2005.
43. **Ganai S,** Garb JL, Kanumuri P, Rao RS, Alexander AI, Wait RB. Mapping the Rectum: Spatial Analysis of Microsurgical Outcomes using GIS. ESRI 2005 Health User Conference, Chicago, Illinois, October 23-26, 2005.

S A B H A G A N A I

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44. **Ganai S**, Donroe JA, St. Louis MR, Lewis GM, Seymour NE. Virtual-Reality Training Improves Angled Telescope Skills in Novice Laparoscopists. *New England Surgical Society*, 12th Annual Surgical Resident and Fellow Research Day, New England Medical Center, Boston, Massachusetts, May 27, 2005.
45. **Ganai S**, Donroe JA, St. Louis MR, Lewis GM, Seymour NE. Virtual-Reality Training Improves Angled Telescope Skills in Novice Laparoscopists. *The Association for Surgical Education*, 2005 Surgical Education Week. New York City, New York. March 29-April 2, 2005. (Brief Presentations)

Academic Presentations: Posters

1. Day J, Mahmood M, Prakash V, Zahnd WE, Poola P, Rakinic J, **Ganai S**. Analysis of county-level access to specialized providers on Colorectal Cancer Incidence and Mortality in Illinois. *Society for Surgery of the Alimentary Tract*, 60th Annual Meeting, 2019 Digestive Disease Week, San Diego, California, May 18-21, 2019.
2. Lee MJ, Jenkins W, Boakye EA, **Ganai S**. Rural and urban disparities in colonoscopy use persisted despite cost-sharing reduction among Medicare beneficiaries. *American Association for Cancer Research*, Atlanta, Georgia, March 29 - April 3, 2019.
3. Boakye EA, Osazuwa-Peters N, Lee MJ, Ganai S, Wang M, Simpson MC, Jenkins WD. Time to diagnosis of second primary cancers among survivors of smoking-related malignancies. *American Association for Cancer Research*, Atlanta, Georgia, March 29 - April 3, 2019.
4. Mahmood M, Zahnd WE, **Ganai S**. Spatial analysis of radiation oncology access disparities within Illinois: implications for rural cancer care. *American Society for Clinical Oncology*, 2018 ASCO Annual Meeting, June 1-5, 2018.
5. Roth K, Khan AA, Scaife S, **Ganai S**. Risk Factors Associated with 90-Day Readmission after Pancreatic Resection. *Society for Surgery of the Alimentary Tract*, 59th Annual Meeting, 2018 Digestive Disease Week, Washington, DC, June 2-5, 2018.
6. Rossi M, Buckley EJ, Zahnd W, **Ganai S**. Rural-Urban Differences in Time to Radiation among Breast Conserving Surgery Patients. *American Society of Breast Surgeons*, 19th Annual Meeting, Orlando, Florida, May 2-6, 2018.
7. MacKinney E, Zahnd W, Khan AA, Sturm E, Mellinger JD, **Ganai S**. An Exploration of Regional and Rural-Urban Differences in Pancreas Cancer Surgery. *Society for Surgery of the Alimentary Tract*, 58th Annual Meeting, 2017 Digestive Disease Week, Chicago, Illinois, May 6-9, 2017.
8. Khan AA, MacKinney E, Buckley EJ, Sturm E, Rejowski B, Mellinger JD, **Ganai S**. Adjacency of Rural County of Residence to an Urban County May Determine Survival for Stage I Pancreatic Cancer. *Society for Surgery of the Alimentary Tract*, 58th Annual Meeting, 2017 Digestive Disease Week, Chicago, Illinois, May 6-9, 2017.
9. Khan AA, MacKinney E, Buckley EJ, Sturm E, Rejowski B, Mellinger JD, **Ganai S**. Adjacency of Rural County of Residence to an Urban County May Determine Survival for Stage I Pancreatic Cancer. *Pancreas Club*, Digestive Disease Week, Chicago, Illinois, May 5-6, 2017.
10. Buckley EJ, Zahnd WE, Rea DJ, Mellinger JD, **Ganai S**. Impact of Rural-Urban Status on Survival after Mastectomy without Reconstruction versus Mastectomy with Reconstruction. *American Society of Breast Surgeons*, 18th Annual Meeting, Las Vegas, Nevada, April 26-30, 2017.

S A B H A G A N A I

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11. Bauman J, McDow A, Gonczy C, Ali A, Fratianni CM, **Ganai S**. Laparoscopic Ultrasound-Guided Enucleation of an Insulinoma after EUS-guided Tattoo. *Endo 2017 Orlando, Florida, March 31-April 4, 2017.*
12. Buckley EJ, Zahnd WE, Rea DJ, Mellinger JD, **Ganai S**. Impact of Time to Surgery on Rural-Urban Disparities in Breast Cancer. *Society of Surgical Oncology, 2017 Cancer Symposium, Seattle, Washington, March 2-5, 2017.*
13. Sturm EC, Zahnd W, Mellinger JD, Ganai S. National Trends in Local Excision and Esophagectomy for cT1N0 Esophageal Cancer *American Society for Clinical Oncology, 2017 Gastrointestinal Cancer Symposium, San Francisco, California, January 19-21, 2017.*
14. Patel L, **Ganai S**, Talamonti MS, Howington J, Kim KW, Linn J, Ujiki MB. Comparison of Laparoscopic Gastric Preconditioning Techniques Prior to Esophagectomy: Outcomes from 81 Consecutive Cases. *Society for Surgery of the Alimentary Tract, 57th Annual Meeting, 2016 Digestive Disease Week, San Diego, CA, May 21-24, 2016.*
15. Glover R, Smith R, **Ganai S**, Albers J, Frueh J, Wohltmann C. Mapping Cardiovascular Obstetric Complications in South Central Illinois. *American Congress of Obstetricians and Gynecologists, 2016 Annual Clinical and Scientific Meeting, Washington, DC, May 14-17, 2016.*
16. McDow A, Zahnd W, Angelos P, Mellinger JD, **Ganai S**. Impact of Rurality on National Trends in Thyroid Cancer Incidence and Long-term Survival. *American Association of Endocrine Surgeons Annual Meeting, Baltimore, Maryland, April 10-12, 2016.*
17. Canopy E, Zahnd W, Breslin TM, Rea DJ, Mellinger JD, **Ganai S**. National Trends of the Impact of Rurality on Breast Cancer Surgery. *Society of Surgical Oncology, 2016 Cancer Symposium, Boston, Massachusetts, March 2-5, 2016.*
18. Regan J, Zahnd W, Kistner B, Ali A, Mellinger JD, **Ganai S**. Rural Disparities in Esophageal Cancer Outcomes based on Distance from Endoscopic Ultrasound (EUS)-Trained Gastroenterologists. *Society for Surgery of the Alimentary Tract, 56th Annual Meeting, 2015 Digestive Disease Week, Washington, DC, May 15-16, 2015.*
19. Wightman SC, Uppal A, Oshima G, Huang X, **Ganai S**, Khodarev NN, Posner MC, Weichselbaum RR. Suppression of CXCL10 affects migration, invasion, and apoptosis in the polymetastatic phenotype of a melanoma mouse model. *Society of Surgical Oncology, 2015 Cancer Symposium, Houston, Texas, March 15-17, 2015.*
20. Kistner B, Zahnd W, Ali A, Mellinger JD, **Ganai S**. Exploration of Rural Disparities in Pancreas Cancer Staging and Mortality to Incidence Ratio in Illinois. *Society of Surgical Oncology, 2015 Cancer Symposium, Houston, Texas, March 15-17, 2015.*
21. Kistner B, Zahnd W, Ali A, Mellinger JD, **Ganai S**. Exploration of Rural Disparities in Pancreas Cancer Staging and Mortality to Incidence Ratio in Illinois. *ASCO 2015 Gastrointestinal Cancers Symposium, San Francisco, California, January 15-17, 2015.*
22. **Ganai S**, Akthar AS, Hahn OM, Maggiore RJ, Cohen EE, Chmura SJ, Howard AR, Posner MC, Golden DW. Multidisciplinary Education for Surgical Oncology Trainees: Results of a National Needs Assessment. *Society of Surgical Oncology, 67nd Annual Cancer Symposium, Phoenix, Arizona, March 12-15, 2014.*
23. Uppal A, Wightman S, **Ganai S**, Darga T, Khodarev N, Ferguson MK, Posner MC, Weichselbaum RR. Micro-RNAs up regulated in oligo-metastatic pulmonary metastases decrease adhesion and integrin expression in vitro. *Society*

S A B H A G A N A I

sabha.ganai@und.edu

of Surgical Oncology, 67nd Annual Cancer Symposium, Phoenix, Arizona, March 12-15, 2014.

24. Wightman SC, Uppal A, Lim SA, Oshima G, **Ganai S**, Darga TE, Khodarev NN, Posner MC, Weichselbaum RR. CXCL10 Expression by Melanoma Cells is Associated with Metastatic Ability and Tumor Cell Adhesion. *Society of Surgical Oncology, 67nd Annual Cancer Symposium, Phoenix, Arizona, March 12-15, 2014.*
25. **Ganai S**, Golden DW, Wise M, Fromme HB, Schindler N, Van Slambrouck C, Posner MC, Hahn OM. Multidisciplinary tumor board involvement by oncology trainees: an educational needs assessment. *The University of Chicago Medical Education Day, November 21, 2013.*
26. Akthar AS, **Ganai S**, Hahn OM, Maggiore RJ, Cohen EE, Posner MC, Chmura SJ, Howard AR, Golden DW. Optimal interdisciplinary education technique varies by oncologic discipline: Results of a national needs assessment. *The University of Chicago Medical Education Day, November 21, 2013.*
27. **Ganai S**, Ujiki MB, Talamonti MS, Linn JG, Yetasook A, Carbray J, Zahedi M, Kim KW, Howington JA. Celiac Node Status as Determined by Laparoscopic Gastric Ischemic Preconditioning is Prognostic in Locally-Advanced Esophageal Cancer and May Determine Necessity for Completion Esophagectomy. *Society for Surgery of the Alimentary Tract, 53rd Annual Meeting, Digestive Disease Week, Orlando, Florida, May 18-21, 2013.*
28. The University of Chicago Department of Surgery, 20th Annual Charles B. Huggins Research Symposium, Center for Care and Discovery, February 20, 2013.
29. **Ganai S**, Khan SA, Uppal A, Wightman S, Khodarev NN, Posner MC, Weichselbaum RR. Determinants of Tumor Metastatic Potential in a Syngeneic Murine Melanoma Model. *Society of Surgical Oncology, 66th Annual Cancer Symposium, National Harbor, Maryland, March 6-9, 2013.*
30. Ziesat MC, **Ganai S**, Posner MC, Patti MG, Prachand VN, Siddiqui U, Konda V, Waxman I, Ferguson MK. Implications of Lymph Node Involvement in pT1b Esophageal Cancer. *The International Society for Diseases of the Esophagus, 13th Biennial World Congress, Venice, Italy, October 15-17, 2012.*
31. **Ganai S**, Ziesat MC, Posner MC, Patti MG, Prachand VN, Villaflor VM, Malik R, Ferguson MK. Venous Thromboembolic Events and Esophagectomy: Implications for DVT Prophylaxis in the Perioperative Management of Esophageal Cancer. *The International Society for Diseases of the Esophagus, 13th Biennial World Congress, Venice, Italy, October 15-17, 2012.*
32. **Ganai S**, Ziesat MC, Posner MC, Patti MG, Prachand VN, Villaflor VM, Malik R, Ferguson MK. Pathologic Response to Induction Therapy Predicts Survival after Resection in Locally-Advanced Esophageal Cancer. *The International Society for Diseases of the Esophagus, 13th Biennial World Congress, Venice, Italy, October 15-17, 2012.*
33. **Ganai S**, Posner MC, Prachand VN, Alverdy JC, Choi EA, Waxman I, Patti MG, Roggin KK. Outcomes of Multivisceral Resection of Gastric Gastrointestinal Stromal Tumors. *American Society of Clinical Oncology, Chicago, Illinois, June 1-5, 2012.*
34. Zahedi M, **Ganai S**, Yetasook AK, Talamonti MS, Ujiki MB, Carbray J, Howington J. Laparoscopic Ischemic Conditioning as a Modality to Reduce Gastric Conduit Morbidity Following Esophagectomy. *The Society for Surgery of the Alimentary Tract, 53rd Annual Meeting. Digestive Disease Week, San Diego, California. May 18-22, 2012.*

S A B H A G A N A I

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35. The University of Chicago Department of Surgery, 19th Annual Charles B. Huggins Research Symposium, Gordon Center for Integrative Sciences, May 5, 2012.
36. **Ganai S**, Posner MC, Prachand VN, Alverdy JC, Choi EA, Waxman I, Patti MG, Roggin KK. Outcomes of Multivisceral Resection of Gastric Gastrointestinal Stromal Tumors. *American Society of Clinical Oncology, Gastrointestinal Cancers Symposium*, San Francisco, California, January 19-21, 2012.
37. **Ganai S**, Prachand VK, Posner MC, Alverdy JC, Waxman I, Chennat J, Choi E, Patti MG, Matthews JB, Roggin KK. Outcomes from Laparoscopic Resection of Submucosal Gastric Neoplasms. The University of Chicago Department of Surgery, 18th Annual Charles B. Huggins Research Symposium, Gordon Center for Integrative Sciences, April 9, 2011.
38. **Ganai S**, Arenas RB, Forbes NS. Tumor-Targeted Delivery of TRAIL Using *Salmonella typhimurium* Enhances Breast Cancer Survival. *Massachusetts Chapter of the American College of Surgeons, 55th Annual Meeting*, Boston, Massachusetts, December 6, 2008.
39. **Ganai S**, Arenas RB, Forbes NS. Tumor-Targeted Delivery of TRAIL Using *Salmonella typhimurium* Enhances Breast Cancer Survival. *Tufts University Cancer Research Day*, Boston, Massachusetts, October 17, 2008.
40. Baystate Medical Center / Tufts University School of Medicine, 8th Annual Research Week, Springfield, Massachusetts, May 26-28, 2008.
41. Meyer JE, **Ganai S**, Goulart RA, Mason HS. Clinical Assessment of the Axillary Sentinel Lymph Node for Breast Cancer Metastasis By The Surgeon: A Study of One Institution's Voluntary Policy Change. *The American Society of Breast Surgeons, 9th Annual Meeting*, New York, New York, April 30-May 4, 2008.
42. Wohaibi EM, **Ganai S**, Wait RB, Romanelli JR. Suture Survival in an Acidic Environment: Implications for Natural Orifice Transgastric Endolumenal Surgery (NOTES). *Society of American Gastrointestinal Endoscopic Surgeons, 2008 Surgical Spring Week*, Philadelphia, Pennsylvania, April 9-12, 2008.
43. **Ganai S**, Arenas RB, Forbes NS. Tumor-Targeted Delivery of TRAIL Using *Salmonella typhimurium* Enhances Breast Cancer Survival. *Society of Surgical Oncology, 61st Annual Cancer Symposium*, Chicago, Illinois, March 13-16, 2008.
44. Meyer JE, Mason HS, **Ganai S**, Hornish A, Crisi GM, Goulart RA. Performance of Intraoperative Axillary Sentinel Lymph Node Touch Prep Evaluation: Effect of Surgical Submission of "Suspicious" Sentinel Lymph Nodes. *United States and Canadian Academy of Pathology, 2008 Annual Meeting*, Denver, Colorado, March 1-7, 2008.
45. Kanumuri P, **Ganai S**, Wohaibi EM, Bush RW, Grow DR, Seymour NE. Virtual Reality and Computer-Enhanced Skills Training Devices are Equally Effective in Building Complex Surgical Skills in Novices. (Poster of Distinction) *Massachusetts Chapter of the American College of Surgeons, 54th Annual Meeting*, Boston, Massachusetts, December 8, 2007.
46. Baystate Medical Center / Tufts University School of Medicine, 8th Annual Research Week, Springfield, Massachusetts, May 22-26, 2007 (Significance in Research Award).
47. **Ganai S**, Arenas RB, Bentley B, Forbes NS. Targeting Bacteriolytic Therapy of Solid Tumors using *Salmonella typhimurium*. *Society of Surgical*

S A B H A G A N A I

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- Oncology*, 60th Annual Cancer Symposium, Washington, DC. March 15-18, 2007.
48. Baystate Medical Center / Tufts University School of Medicine, 7th Annual Research Week, Springfield, Massachusetts, May 23-26, 2006 (Significance in Research Award).
49. **Ganai S**, Arenas RB, Forbes NS. Targeting Bacteriolytic Therapy of Solid Tumors. *University of Massachusetts Amherst Institute for Cellular Engineering*, First Annual Conference, Amherst, Massachusetts, May 10, 2006.
50. Lee MH, **Ganai S**, Barnard ZR, Mason HS, Arenas RB. Induction of apoptosis in the absence of p53: implications for chemoprevention for ER-negative breast cancer. *San Antonio Breast Cancer Symposium*, 28th Annual Conference, San Antonio, Texas, December 8-11, 2005.
51. **Ganai S**, Lee KF, Merrill A, Lee MH, Bellantonio S, Brennan M, Lindenauer P. Adverse Outcomes of Geriatric Abdominal Surgical Patients at Risk for Delirium: Opportunities for Improvement in Care. (Poster of Distinction) *American College of Surgeons, Massachusetts Chapter*, Dedham, Massachusetts, November 19, 2005.
52. **Ganai S**, Arenas RB, Forbes NS. Targeting Bacteriolytic Therapy of Solid Tumors. *MEDi 2005*, BEACON Biomedical Technology Conference, Hartford, Connecticut, October 25-26, 2005.
53. **Ganai S**, Garb JL, Kanumuri P, Rao RS, Alexander AI, Wait RB. Mapping the Rectum: Spatial Analysis of Transanal Endoscopic Microsurgical Outcomes using Geographic Information System (GIS) Technology. *MEDi 2005*, BEACON Biomedical Technology Conference, Hartford, Connecticut, October 25-26, 2005.
54. **Ganai S**, Arenas RB, Forbes NS. Targeting Bacteriolytic Therapy of Solid Tumors. *UMass Amherst / Baystate Medical Center Collaborative Biomedical Research Program*, Tenth Anniversary Celebration. University of Massachusetts, Amherst, October 7, 2005.
55. Baystate Medical Center / Tufts University School of Medicine, 6th Annual Research Week, Springfield, Massachusetts, June 6-9, 2005.
56. **Ganai S**, Garb JL, Kanumuri P, Rao RS, Alexander AI, Wait RB. Mapping the Rectum: Spatial Analysis of Transanal Endoscopic Microsurgical Outcomes using Geographic Information System (GIS) Technology. *The Society for Surgery of the Alimentary Tract*, Digestive Disease Week, Chicago, Illinois. May 14-19, 2005.
57. Lee MH, **Ganai S**, Arenas RB. Chemopreventative strategies in a murine mammary gland explant model. *Susan B. Komen Foundation*, 8th Annual Mission Conference, Washington, D.C. June 5-7, 2005.
58. **Ganai S**, Kanumuri P, Rao RS, Alexander AI. Local Recurrence following Transanal Endoscopic Microsurgery for Rectal Polyps and Early Cancers. *Society of Surgical Oncology*, 58th Annual Cancer Symposium, Atlanta, Georgia. March 3-6, 2005.
59. **Ganai S**, St. Louis M, Wait RB, Coe NP. Resident and Attending Attitudes Toward the Eighty-Hour Workweek. *New England Surgical Society*, 85th Annual Meeting. Montreal, Canada. October 1-3, 2004.

IRB Protocols (Principal Investigator Only)

Sanford Research, Sioux Falls, SD

002113 National Gastrointestinal Cancer Trends and Outcomes in
Native Americans

S A B H A G A N A I

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- 002114 National Trends in Early-Onset Colorectal Cancer in Rural Populations
- 002197 Colorectal Cancer Disparities in the Dakotas
- 002285 PRO and QOL Surveys for Gastrointestinal Cancer Patients
- 002324 International Snapshot Study on the Outcomes of Pancreatic Surgery
- 002374 Artificial Intelligence-Based Early Pancreatic Cancer Diagnosis Using Cell-Free DNA
- 002418 Chemotherapeutic Delivery via Nanomissiles for Pancreatic Cancer

Springfield Committee for Research on Human Subjects, Springfield, Illinois

- 18-266 Education and Promotion of Lung Cancer Screening in Montgomery County, Illinois.
- 17-163 Access Disparities to Endoscopic and Surgical Cancer Care in Illinois.
- 16-596 Comparison of Definitive Outcomes in Gallstone Pancreatitis between Rural and Urban Hospitals.
- 16-514 National disparities in pancreas and esophageal cancer.
- 16-507 Community perspectives of colorectal cancer screening in Illinois.
- 16-487 National trends in thyroid cancer.
- 15-277 Attitudes towards dedicated resident research: a national convenience sample survey of surgeons and surgical residents.
- 15-266 Do national trends in surgical resident case volumes for complex open cases justify a need for additional fellowship training?
- 15-239 Exploration of spatiotemporal trends in the surgical management of breast cancer using GIS
- 14-198 An audit of venous thromboembolic events after major abdominal surgery for cancer.
- 14-138 Using health geographics to assess rural disparities in management of GI cancers.

Research Mentees

- 2022 - 2023 **Tadiwa Kusema, UND Surgical Resident**
- 2022 - 2023 **Allie Stover, UND-SMHS Student**
 - 2023 Academic Surgical Congress
- 2021 - 2023 **Joel Zimmerman, UND-SMHS Student**
 - 2022 Western Surgical Association
- 2020 - 2021 **Karishma Mistry, St. George / Sanford Research Student**
 - 2021 Ethics Book Chapter
- 2020 - 2021 **Eric Curto, UND Surgical Resident**
 - 2021 Ethics Book Chapter
- 2018 - 2020 **Samantha Knight, SIU Surgical Resident**
 - 2019 Academic Surgical Congress
 - 2019 SIU Surgery Resident Research Day (Second Place Award)
 - 2019 ACS Illinois Chapter Founders Competition

S A B H A G A N A I

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- 2018 - 2020 **Skyler Taylor, SIU-SOM Student**
- 2019 Academic Surgical Congress
- 2019 MPEE Travel Grant
- 2017 - 2019 **Jonathan Day, SIU-SOM Student**
- 2019 Academic Surgical Congress
- 2019 Digestive Disease Week
- 2017 - 2019 **Sean O'Malley, SIU-SOM Student**
- 2019 Academic Surgical Congress
- 2017 - 2019 **Monica Stumpf, SIU-SOM Student**
- 2019 Academic Surgical Congress
- 2019 Vice-Chancellor Travel Grant
- 2017 - 2018 **Kelly Roth, SIU-SOM Student**
- 2018 Society for Surgery of the Alimentary Tract
- 2018 SIU-SOM Student Research Symposium
- 2017 - 2019 **Mustafaa Mahmood, SIU-SOM Student**
- 2018 American Society of Clinical Oncology
- 2018 SIU-SOM Student Research Symposium
- 2017 - 2018 **Maria Rossi, SIU Surgical Resident**
- 2018 American Society of Breast Surgeons
- 2018 IL Chapter of the ACS Founders Competition
- 2018 SIU Surgery Resident Research Day
- 2016 - 2018 **Tasha Sparks, SIU-SOM Student; Indiana University GS Resident**
- 2017 ACS Clinical Congress Surgical Forum
- 2018 SIU-SOM Student Research Symposium
- 2016 - 2018 **Elaine J. Buckley, SIU Surgical Resident; City of Hope Breast Fellow**
- 2017 Society for Surgical Oncology
- 2017 American Society of Breast Surgeons
- 2017 SIU Surgery Resident Research Day
- 2017 SIU-SOM Resident Research Symposium (Second Place Award)
- 2017 IL Chapter of the ACS
- 2017 *Am J Surg* Manuscript
- 2016 - 2020 **Nicholas Lanzotti, Benedictine MPH Internship; SIU-SOM Student**
- 2017 Academic Surgical Congress
- 2017 SIU Vice-Chancellor for Research Travel Grant
- 2018 SIU-SOM Student Research Symposium
- 2016 - 2019 **Erin MacKinney, SIU Surgical Resident**
- 2017 Society for Surgery of the Alimentary Tract
- 2017 SIU Surgery Resident Research Day
- 2016 - 2019 **Emily Sturm, SIU Surgical Resident; Roger Williams CGS-Oncology Fellow**
- 2017 ASCO GI Symposium
- 2017 Academic Surgical Congress
- 2017 Society for Surgical Oncology (Plenary)
- 2017 Society for Surgery of the Alimentary Tract
- 2017 SIU Surgery Resident Research Day
- 2017 SIU-SOM Resident Research Symposium
- 2017 IL Chapter of the ACS
- 2019 *Ann Surg* Manuscript
- 2015 - 2020 **Alexandria McDow, SIU Surgical Resident; U Wisconsin Endocrine Fellow; Indiana University Faculty**
- 2015 SIU Surgery Resident Research Day
- 2016 Academic Surgical Congress
- 2016 American Association for Endocrine Surgeons
- 2016 SIU-SOM Resident Research Symposium (First Place Award)
- 2016 IL Chapter of the ACS

S A B H A G A N A I

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- 2017 Academic Surgical Congress
- 2017 SIU Surgery Resident Research Day
- 2017 SIU-SOM Resident Research Symposium (Second Place Award)
- 2019 *J Rural Surg* Manuscript
- 2022 *Am Surgeon* Manuscript
- 2015 - 2016 **Erin (Canopy) Bailey, SIU Surgical Resident**
 - 2016 Society for Surgical Oncology
 - 2016 SIU-SOM Resident Research Symposium (Third Place Award)
 - 2016 SIU Surgery Resident Research Day
 - 2016 IL Chapter of the ACS
- 2015 - 2020 **Amir Ali Khan, SIU Surgical Resident**
 - 2015 SIU Surgery Resident Research Day
 - 2016 Academic Surgical Congress
 - 2017 Society for Surgery of the Alimentary Tract
 - 2017 Pancreas Club
 - 2018 SIU-SOM Resident Research Symposium (Second Place Award)
 - 2019 Society for Surgery of the Alimentary Tract
 - 2019 *J Surg Education* Manuscript
- 2015 - 2017 **John Bauman, SIU Surgical Resident**
 - 2017 Endo Week
- 2015 **Logan Chastain, SIU-SOM Student**
 - 2015 Ethics Book chapter
- 2014 - 2017 **Nader Tehrani, SIU Surgical Resident**
 - 2016 *J Palliative Med* Manuscript
 - 2017 Academic Surgical Congress
 - 2017 SIU Surgery Resident Research Day
- 2014 - 2017 **James Regan, SIU Surgical Resident**
 - 2015 Society for Surgery of the Alimentary Tract
 - 2015 IL Chapter of the ACS
- 2014 - 2015 **Bridget Kistner, SIU-SOM Student**
 - 2015 ASCO GI
 - 2015 Society for Surgical Oncology
 - 2015 SIU Vice-Chancellor for Research Travel Grant

Interests

National Parks, Traveling, Cooking, Film, Photography, Painting, Aviation, Writing