

CURRICULUM VITAE
Robert A. Meguid, MD MPH FACS

Business Address

Section of Thoracic Surgery
Division of Cardiothoracic Surgery
Department of Surgery
University of Colorado
School of Medicine
12631 East 17th Avenue
C310, Room 6602
Aurora, CO 80045

Office Phone: (303)724-6510

Office Fax: (303)724-2806

Place of Birth: Boston, MA

Citizenship: U.S.A.

Medical Licensure & Certification

- The American Board of Thoracic Surgery Certified #8055 (06/06/2014 – 12/31/2034)
- The American Board of Surgery Certified #055949 (03/01/2011 – 12/31/2025)
- National Provider Identifier # 1457404279
- Colorado State Physician License # 51423
- U.S. Department of Justice Drug Enforcement Agency (DEA) License active
- American College of Surgeons Advanced Trauma Life Support certification
- Advanced Trauma Operative Management certification
- Advanced Cardiac Life Support/ Healthcare Provider Basic Life Support certification
- Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Fundamentals of Laparoscopic Surgery (FLS) certification
- Robotic thoracic surgical training (Intuitive, DaVinci Xi)
- Advanced robotic thoracic surgical training (Intuitive, DaVinci Xi)

Clinical and Research Interests

General Thoracic Surgery, Thoracic Oncology, Airway Surgery, Improving Surgical Patient Outcomes through Identification and Development of Processes and Structures of Care

Faculty Positions

2022 – Present	Professor of Surgery Section of Thoracic Surgery Division of Cardiothoracic Surgery Department of Surgery University of Colorado, School of Medicine Aurora, CO
2017 – 2022	Associate Professor of Surgery Section of Thoracic Surgery Division of Cardiothoracic Surgery Department of Surgery University of Colorado, School of Medicine Aurora, CO
2012 – 2017	Assistant Professor of Surgery Section of Thoracic Surgery Division of Cardiothoracic Surgery Department of Surgery

University of Colorado, School of Medicine
Aurora, CO

Clinical Appointments

2012 – Present Cardiothoracic Surgeon, University of Colorado Hospital, UCHealth, Aurora, CO

2012 – Present Cardiothoracic Surgeon, Veterans Administration Hospital, Denver, CO

2015 – Present Thoracic Surgeon, Saint Joseph Hospital/ National Jewish Health

2018 – Present Thoracic Surgeon, Highlands Ranch Hospital, UCHealth, Aurora, CO

Education & Training

2010-2012 **Resident in Cardiothoracic Surgery**
The University of Washington, School of Medicine
Seattle, WA

2009-2010 **Chief Resident in General Surgery**
Halsted General Surgery Residency
Johns Hopkins University School of Medicine
Baltimore, MD

2008-2009 **Categorical Residency in General Surgery (PGY 4)**
Halsted General Surgery Residency
Johns Hopkins University, School of Medicine
Baltimore, MD

2007-2008 **Master of Public Health**
Johns Hopkins Bloomberg School of Public Health
Baltimore, MD
Concentration: Epidemiologic & Biostatistical Methods for Public Health & Clinical Research

2005-2008 **Post-Doctoral Research Fellowship**
Johns Hopkins University, School of Medicine
Division of Thoracic Surgery, Baltimore, MD
Primary Research Mentor: Malcolm V. Brock, M.D.

2005 **Research Fellowship**
Molecular Biology Summer Workshop
Smith College, Northampton, MA
Summer, 2005

2002-2005 **Categorical Residency in General Surgery (PGY 1-3)**
Halsted General Surgery Internship & Residency
Johns Hopkins University, School of Medicine
Baltimore, MD

1998-2002 **Doctor of Medicine**
Brown University, School of Medicine

Providence, RI

1997-1998

Research Assistant

Surgical Oncology Research Laboratory
Division of Surgical Oncology, Department of Surgery
The Massachusetts General Hospital, Harvard Medical School
Boston, MA
Primary Research Mentor: W.W. Souba, M.D., M.Sc., M.B.A.

1996-1997

Research Fellow

Center for Surgical Research
Department of Surgery, Rhode Island Hospital
Brown University School of Medicine
Providence, RI
Primary Research Mentor: I.H. Chaudry, Ph.D.

1993-1997

Bachelor of Science

Brown University
Providence, RI
Major: Biochemistry (honors)

1995

Research Assistant

Surgical Oncology Research Laboratory
Division of Surgical Oncology, Department of Surgery
The Massachusetts General Hospital, Harvard Medical School
Boston, MA
Primary Research Mentor: W.W. Souba, M.D., M.Sc., M.B.A.
Summer, 1995

1994

Research Assistant

Surgical Oncology Research Laboratory
Division of Surgical Oncology, Department of Surgery
The Massachusetts General Hospital, Harvard Medical School
Boston, MA
Primary Research Mentor: W.W. Souba, M.D., M.Sc., M.B.A.
Summer, 1994

1992

Research Assistant

Surgical Nutrition and Metabolism Laboratory
Department of Surgery, University Hospital
SUNY Health Science Center, Syracuse, NY
Primary Research Mentor: M.M. Meguid, M.D., Ph.D.
Summer, 1992

1991

Research Assistant

Surgical Nutrition and Metabolism Laboratory
Department of Surgery, University Hospital
SUNY Health Science Center, Syracuse, NY
Primary Research Mentor: M.M. Meguid, M.D., Ph.D.
Summer, 1991

1990

Research Assistant

Surgical Nutrition and Metabolism Laboratory

Department of Surgery, University Hospital
SUNY Health Science Center, Syracuse, NY
Primary Research Mentor: M.M. Meguid, M.D., Ph.D.
Summer, 1990

Academic Honors, Awards, & Accomplishments

- 2024 Dropping the Drapes Award (Surgery attending who most contributed in the education of the anesthesia residents)
University Colorado School of Medicine, Aurora, CO
- 2023 American Association for Thoracic Surgery, elected membership
- 2022 Stan & Mary Ellen Cope Family Inaugural Endowed Chair in Thoracic Surgery
University Colorado School of Medicine, Aurora, CO
- 2021 Mentor of the Year Award, Mentored Scholarly Activity program
University Colorado School of Medicine, Aurora, CO
- 2020 UCH CEO and Resident Safety Rounds for being exceptional in the culture of patient safety, University of Colorado Hospital, Aurora, CO
- 2020 Nominee, Keynote Speaker for 2020 Match Day Ceremony, University of Colorado School of Medicine, Aurora, CO
- 2019 Society of University Surgeons, elected Inductee membership
- 2016 Ben Eiseman Surgical Faculty Teaching Excellence Award, University of Colorado School of Medicine, Aurora, CO
Presented by the Medical Student Surgical Society
- 2016 Clinical Excellence and Patient Safety Award, Medical Staff Awards, University of Colorado School of Medicine, Aurora, CO
- 2014 Fellow of the American College of Surgeons
- 2014 Certified, the American Board of Thoracic Surgery
- 2013 Nomination, the Golden Stethoscope Preceptor & Teaching Award
University of Colorado School of Medicine, Aurora, CO
- 2011 Certified, the American Board of Surgery
- 2008 Recipient, Research Award for Best Poster, Eastern Vascular Society: *Does Teaching Hospital Status Impact Survival from Ruptured Abdominal Aortic Aneurysm Repair?*
- 2008 Western Thoracic Surgery Association Sampson Award Finalist
- 2007 Recipient, G. Melville Williams Hero Award for outstanding service to Department of Surgery
Department of Surgery, JHU SOM, Baltimore, MD

- 2007 Recipient, Thoracic Surgery Directors Association Resident Research Award:
Are Surgical Outcomes for Lung Cancer Resections Improved at Teaching Hospitals?
- 2007 Recipient, J. Maxwell Chamberlain Memorial Award for Paper in General
Thoracic Surgery, 43rd annual meeting of the Society of Thoracic Surgeons.
San Diego, CA: *Are Surgical Outcomes for Lung Cancer Resections Improved at
Teaching Hospitals?*
- 2007 Western Thoracic Surgery Association Sampson Award Finalist
- 2005 – 2008 NIH Loan Repayment Program in Clinical Research Awardee
- 2005 – 2008 Recipient, Ruth L. Kirschstein National Research Service Award NIH Health
and Human Services Training Grant
- 1997 Recipient, Travel Award, International Union of the Physiological Sciences,
IUPS XXXIII Annual Congress, St. Petersburg, Russia
- 1997 Honors, Thesis in Biochemistry ScB: *Alterations in Endothelin and Nitric Oxide
During Hyperdynamic and Hypodynamic Stages of Polymicrobial Sepsis in the Rat.*
Thesis advisor: I.H. Chaudry, Ph.D.
Brown University, Providence, Rhode Island

Leadership Roles

- 2023 - Present Associate Vice Chair of Clinical Research
Department of Surgery, University of Colorado School of Medicine, Aurora,
CO
- 2022 - Present Director-At-Large, Board of Directors
Surgical Outcomes Club
3-year elected position
National
- 2022 – Present Council Member
Director, Membership Committee (2022-2024)
Western Thoracic Surgical Association
National
- 2021 – Present Director
Thoracic Robotic Surgery
Division of Cardiothoracic Surgery, Department of Surgery, University of
Colorado School of Medicine, Aurora, CO
University of Colorado Hospital, Aurora, CO
- 2020 – Present Director
UCHealth Thoracic Enhanced Recovery After Surgery (ERAS) Steering
Committee
University of Colorado Healthcare System, CO
- 2018 – 2024 Co-Director
Surgical Quality Improvement Executive Steering Committee
Department of Surgery, University of Colorado, Aurora, CO

- University of Colorado Hospital, Aurora, CO
- 2016 – Present Thoracic Surgery Outcomes Research Network (ThORN)
2024 – 2026: Director-at-Large
2022 – 2024: Immediate Past President
2020 – 2022: President
2018 – 2020: Vice President
2016 – 2018: Secretary, elected position
- 2014 – Present Director
Adult Chest Wall Disorder Clinic
Department of Surgery, University of Colorado, Aurora, CO
- 2013 – 2024 Surgical Director
Surgical Outcomes and Applied Research program (SOAR)
Department of Surgery, University of Colorado, Aurora, CO
- 2013 – 2018 Chair
University of Colorado Hospital National Surgery Quality Improvement
Program (NSQIP) Committee
University of Colorado Hospital, Aurora, CO
- 2013 – 2020 Surgeon Champion
American College of Surgeons National Surgery Quality Improvement
Program (NSQIP)
Department of Surgery, University of Colorado Hospital, Aurora, CO
- 2012 – Present Director, Surgical Health Services Research and Informatics Lab
Department of Surgery, University of Colorado, Aurora, CO
- 2011–2012 Chief Resident in Cardiothoracic Surgery
The University of Washington, School of Medicine
Seattle, WA
- 2011–2012 Vice-Chair
Education Committee
Thoracic Surgery Residents Association
- 2009–2010 Chief Resident in General Surgery
The Johns Hopkins Hospital
Baltimore, MD
- 2006–2008 Surgical Residency Representative
Computerized Physician Order Entry Development Committee
The Johns Hopkins Hospital
Baltimore, MD
- 1999–2002 Class Representative, Medical Student Senate
Brown University School of Medicine
Providence, RI
- 1998–2002 Surgery Interest Group
Brown University School of Medicine, Providence, RI

	President:	1999-2000
	Senior Advisor	2000-2002
1994–1997	Program in Liberal Medical Education Undergraduate Senate, Brown University, Providence, RI	
	Chair, Social Activities Committee, 1995-1996	
	Medical Student Senate Undergraduate Liaison, 1996-1997	
1993–1994	Undergraduate Student Representative MD2000 Educational Blueprint Advisory Committee Brown University, School of Medicine, Providence, RI	
1992–1993	Junior Assistant Scout Master Troop 515, Boy Scouts of America Oran, NY	

Professional Memberships

- American College of Surgeons, Fellow since 2014
- American Association for Thoracic Surgery, Member, 2023 – Present
- Association for Academic Surgery, Member, 2005 – 2024; Senior Member, 2024 – Present
- Denver Academy of Surgery, Member, 2012 – Present
- European Society of Thoracic Surgeons, Candidate Member 2024 – Present
- General Thoracic Surgical Club, Active Member, 2021 – Present; Candidate Member 2014 - 2021
- Old Hands Club, Member, 2011 – Present
- Society of Thoracic Surgeons, Active Member, 2013 – Present
- Society of University Surgeons, Active Member, 2020 – Present
- Surgical Outcomes Club, Member, 2005 – Present
- The Johns Hopkins Medicine Alumni Association, Member
- The Society of Surgical Oncology, Member, 2005-2015
- Thoracic Surgery Outcomes Research Network (ThORN), Founding Member, 2015 – Present
- University of Colorado Adult and Child Consortium for Health Outcomes Research and Delivery Science (ACCORDS), Member 2012 – Present
- University of Colorado Cancer Center, Associate Member, 2012 – Present
- Western Thoracic Surgical Association, Active Member, 2014 – Present

Grants and Funding Support

2023	Cancer Research Grant: Pilot Development of an Enriched Cancer Database using Machine Learning Techniques AWD-230468-RM Cancer League of Colorado Robert A. Meguid, M.D. M.P.H.: Principal Investigator Total Costs: \$30,000
2022-Present	Gary L. and Thelissa Zollinger Early Detection of Lung Cancer Endowment Robert A. Meguid, M.D. M.P.H.: Principal Investigator \$114,000 endowment
2021-Present	Early Detection of Metastatic Disease in US Veterans Following Surgery for Early Stage Lung Cancer VA Merit Grant 12764133

04/01/2020-03/31/2023
Local Enrolling Site: Rocky Mountain Regional VA Medical Center
Lead Principal Investigator: Eric Grogan, M.D. – Vanderbilt University
Local Principal Investigator: Robert Keith, M.D.
Co-Investigators: Robert A. Meguid, M.D., M.P.H.; York Miller, M.D.
Total Costs: \$1,129,560

2020-Present **Automated Surveillance of Postoperative Infections (ASPIN)**
R01 HS027417
Agency for Healthcare Research and Quality (AHRQ)
10/01/20-09/30/25
Robert A. Meguid, M.D. M.P.H.: multi-Principal Investigator
Kathryn Colborn, Ph.D.: multi-Principal Investigator
Total Costs: \$1,985,244; Direct Costs: \$1,420,041

Completed Support:

2023-2024 **Improving Patient Safety and Reducing Post-Operative Morbidity
Through Targeted Prevention of Perioperative Hypothermia**
Institute for Healthcare Quality, Safety and Efficiency Clinical Effectiveness
and Patient Safety Grant Program, University of Colorado Hospital
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Total Costs: \$9,485

2020-2025 **National Institutes of Health**
NIH Loan Repayment Program grant
Award Recipient: Adam R. Dyas, M.D.
Robert A. Meguid, M.D. M.P.H.: Mentor

2020-2023 **National Institutes of Health**
NIH Loan Repayment Program grant
Award Recipient: Kathryn L. Colborn, Ph.D., M.S.P.H.
Robert A. Meguid, M.D. M.P.H.: Mentor

2018-2023 **Department of Surgery Academic Enrichment Fund**
Scaling of Patient-Reported Outcomes Using the Patient Reported Outcomes
Measurement Information System for Dissemination & Implementation in
the UC Health System
08/01/18-07/31/25
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Direct Costs: \$40,000, 3-year no cost extension

2020-2022 **Department of Surgery Academic Enrichment Fund**
Automated Reporting of Postoperative Complications Using Artificial
Intelligence
08/01/20-07/31/22
Kathryn Colborn, Ph.D. M.S.P.H.: Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Direct Costs: \$39,520

2018-2020 **Identification of postoperative infections using electronic health record
and administrative claims data**
R03 HS026019
Agency for Healthcare Research and Quality (AHRQ)

- 04/01/2018-03/31/2020
Kathryn Colborn, Ph.D.: Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Total Costs: \$99,952; Direct Costs: \$64,278
- 2018-2020 **Anschutz Cancer Center, Cancer Clinical Trials Office, University of Colorado School of Medicine**
A Novel Lung Function Imaging Modality as a Preoperative Evaluation Tool (LIME)
04/01/18-03/30/20
Yevgeniy Vinogradskiy, Ph.D.: Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Direct Costs: \$50,000
- 2017-2019 **Department of Surgery Academic Enrichment Fund**
Scaling of SURPAS for Dissemination & Implementation
08/01/17-07/31/19
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Direct Costs: \$39,777
- 2017-2018 **Data Science to Patient Value (D2V) Pilot Study Preventing Surgical Infections**
University of Colorado, School of Medicine Dean's Foundation
Kathryn Colborn, Ph.D. M.S.P.H.: Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Direct Costs: \$57,200
- 2016-2018 **Department of Surgery Academic Enrichment Fund**
Preventing Surgical Infectious Complications: Analyses and Formative Evaluations in Support of a Planned PCORI Submission
08/01/16-07/31/18
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Direct Costs: \$40,000
- 2015-2018 **Surgical Risk Preoperative Assessment System (SURPAS) R21 HS024124**
Agency for Healthcare Research and Quality (AHRQ)
Exploratory and Developmental Grant to Improve Health Care Quality through Health Information Technology: Surgical Risk Preoperative Assessment System (SURPAS)
09/01/15-02/28/18
Robert A. Meguid, M.D. M.P.H.: Principal Investigator, 20% effort
Total Costs: \$296,470 Direct Costs: \$190,656
- 2015-2017 **Department of Surgery Academic Enrichment Fund**
Developing Methods for Preoperative Capture of ASA Class and Functional Health Status for Implementation in the SURgical Risk Preoperative Assessment System (SURPAS)
08/01/15-07/31/17
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Direct Costs: \$39,986
- 2015-2017 **Department of Surgery Academic Enrichment Fund**

- Preparedness of the American-Trained Surgeon in a Global Health Setting
08/01/15-07/31/17
Robert A. Meguid, M.D. M.P.H.: Co-Principal Investigator
Direct Costs: \$33,000
- 2015-2017 **School of Medicine and University of Colorado Hospital Clinical Effectiveness and Patient Safety Grant**
Development and Implementation of a Protocol to Reduce Postoperative Pulmonary Complications
08/01/15-07/31/17
Robert McIntyre, M.D.: Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Direct Costs: \$25,000
- 2014-2016 **Neuromuscular Blockade and Perioperative Outcomes APSF AWD-134024**
Anesthesia Patient Safety Foundation
07/01/14-06/30/16
Karl Hammermeister, M.D., Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator, 3% effort
Direct Costs: \$148,802
- 2014-2016 **Department of Surgery Academic Enrichment Fund**
Testing of Local Electronic Health Record Data for use in Preoperative Surgical Risk Assessment
07/09/14-06/30/16
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Direct Costs: \$40,000
- 2013-2015 **Department of Surgery Academic Enrichment Fund**
Development of a Parsimonious Generalized Surgical Risk Calculator to Aid in Patient Education and Postoperative Management
07/10/13-06/30/15
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Direct Costs: \$25,000
- 2013-2019 **NIH SPORE Grant**
National Cancer Institute/ National Institutes of Health
SPORE in Lung Cancer Tissue Bank Protocol
NCI/NIH P50 CA058187
Analysis of genetic alterations at multiple loci in pre-invasive bronchial lesions: Application to early detection of lung cancer
05/01/04 – 4/30/2019
Paul A. Bunn, M.D.: Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Annual Direct Costs: \$60,734/year
- 2012-2015 **Normothermic Ex Vivo Lung Perfusion (EVLV) as Assessment of Extended/Marginal Donor Lungs for Transplant**
Michael J. Weyant, M.D., Principal Investigator
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Annual Direct Costs: \$27,707

- 2012-2015 **Department of Surgery Start-Up Funds**
Research program development
07/01/12-06/30/15
Robert A. Meguid, M.D. M.P.H.: Principal Investigator
Direct Costs: \$50,000
- 2006-2008 **National Cancer Institute**
K23CA117820
Screening for Lung Cancer in the HIV Patient
Principal Investigator: Malcolm V. Brock, M.D.
Robert A. Meguid, M.D. M.P.H.: Co-Investigator
Total Costs: \$419,510 Direct Costs: \$385,949
- 2005-2008 **National Institutes of Health**
L30 CA117051 NIH Loan Repayment Program grant
Identification of ptf1a-p48 Target Genes Involved in Pancreatic
Development
Principal Investigator: Steven Leach, M.D.
Robert A. Meguid, M.D. M.P.H.: Co-Principal Investigator, 100% effort
Direct Costs: \$44,567
Competitive 3rd year renewal: Direct Costs: \$11,979
- 2005-2008 **NIH Ruth L. Kirschstein National Research Service Award
Health and Human Services T32 training grant**
Grant Number - 5T32DK007713
Basic Scientific Training for Gastrointestinal Surgeons
Principal Investigator: Steven Leach M.D. and Malcolm V. Brock, M.D.
07/01/05-06/30/08
Project Titles:
Pancreatic cancer development
Surgical outcomes in esophageal cancer
Competitive grant providing salary support during post-doctoral research
fellowship at the Johns Hopkins Hospital
Total Support: \$421,469
- 1997 **International Union of the Physiological Sciences Travel Award
recipient**
IUPS XXXIII Annual Congress, St. Petersburg, Russia
Funding to travel to meeting and present: *Temporal Changes in Endothelin and
NO During Sepsis in the Rat*
Support: \$1,500

Committee Membership

National:

- 2024 – Present **American Association for Thoracic Surgery**
Perioperative Care Program Committee for the 105th Annual Meeting,
nominated term
- 2023 – Present **Society of University Surgeons**
Scholarship Committee, 1-year nominated term for 2 terms
- 2022 – Present **Surgical Outcomes Club**

- At-Large Member of the Board of Directors, 3-year elected term
- 2019 – 2020 **American College of Surgeons**
ACS Quality and Safety Conference
Abstract Reviewer
 ACS NSQIP Adult Quality Improvement
 ACS NSQIP Adult Research
- 2018 – 2024 **American College of Surgeons**
Committee for the Owen H. Wangenstein Scientific Forum
Thoracic Surgery Grading Team Leader, 3-year nominated term, renominated
for second 3-year term
Program Coordinator and Abstract Reviewer
- 2018 – Present **Western Thoracic Surgical Association (WTSA)**
2018 – 2022: General Thoracic Program Subcommittee
 nominated position, renewed
2021 – 2022: Membership Committee, nominated position
2022: Program Planning Committee, appointed position
2022 – 2024: Head of Membership Committee, appointed position
2024 – 2026: General Thoracic Surgery Program Planning Committee,
 appointed position
- 2016 – Present **Thoracic Surgery Outcomes Research Network (ThORN)**
2024 – Present: Counselor-at-Large
2022 – 2024: President Ex-Officio
2020 – 2022: President
2018 – 2020: Vice President
2016 – 2018: Secretary
2018 – Present: Member, Website/ Social Media Subcommittee
2018 – Present: Co-Chair, Meeting Subcommittee
- 2014 – 2017 **Society of Thoracic Surgeons**
Workforce on Patient Safety
- 2013 – 2017 **Society of Thoracic Surgeons**
General Thoracic Database Task Force, STS National Database
- 2012 – Present **Joint Council of Thoracic Surgical Education**
Thoracic Surgery Curriculum Task Force
Editor: Benign Lung Conditions, nominated position
- 2011 – 2014 **American Board of Thoracic Surgery SESATS Question Review Bank**
Question editor for SESATS XI
- Local:**
- 2024 – Present **Chair's Executive Committee**
Department of Surgery, University of Colorado, Aurora, CO
- 2021 – 2022 **UCHealth SURPAS-SAS Steering Committee**
SURPAS-SAS Subject Matter Expert

- 2020 – Present **UCHealth Thoracic Enhanced Recovery After Surgery (ERAS) Steering Committee**
Director
University of Colorado Healthcare System, CO
- 2020 – 2023 **Robotic Surgery Curriculum Committee**
Member
University of Colorado Hospital, Aurora, CO
- 2020 – Present **University of Colorado School of Medicine Accreditation Council for Graduate Medical Education (ACGME)**
General Surgery Residency curriculum committee
Department of Surgery, University of Colorado, Aurora, CO
- 2018 – Present **University of Colorado Surgical Quality Improvement Executive Committee**
Co-Director, 2020 – Present
NSQIP Director, 2012-2020
Department of Surgery, University of Colorado, Aurora, CO
- 2018 – Present **Center for Lungs and Breathing Annual Summit Steering Committee**
Thoracic Surgery Representative
School of Medicine, University of Colorado, Aurora, CO
- 2015 – 2019 **Surgical Site Infection Workgroup**
Department of Surgery Representative
University of Colorado Hospital, Aurora, CO
- 2015 – 2018 **Vascular Surgery Chief Search Committee**
Member
School of Medicine, University of Colorado, Aurora, CO
- 2014 – 2017 **Quality and Values Council**
Department of Surgery Representative
University of Colorado Hospital, Aurora, CO
- 2014 – 2015 **Integrated Adult Quality Committee** (combined with Quality and Values Council in 2014)
Department of Surgery Representative
School of Medicine, University of Colorado, Aurora, CO
- 2014 – 2018 **Department of Surgery Quality Council**
Department of Surgery, University of Colorado, Aurora, CO
- 2014 – Present **Esophageal Surgery Quality Improvement Committee**
Member
Department of Surgery, University of Colorado, Aurora, CO
University of Colorado Hospital, Aurora, CO
- 2014 – 2017 **Surgical Urinary Tract Infection CUSP**
University of Colorado Hospital, Aurora, CO

2013 – Present	Department of Surgery Annual Research Symposium Program Committee Director Department of Surgery, University of Colorado, Aurora, CO
2013 – 2018	University of Colorado American College of Surgeons National Surgery Quality Improvement Program (NSQIP) Steering Committee Department of Surgery, University of Colorado, Aurora, CO
2013 – Present	Surgical Outcomes and Applied Research Steering Committee Department of Surgery, University of Colorado, Aurora, CO
2013 – Present	University of Colorado School of Medicine Accreditation Council for Graduate Medical Education (ACGME) Thoracic Surgery Residency curriculum committee Department of Surgery, University of Colorado, Aurora, CO
2013 – 2017	Clinical Competency Committee Department of Surgery, University of Colorado, Aurora, CO
2013 – 2018	Vail Heart & Lung Transplant Conference planning committee University of Colorado School of Medicine, Aurora, CO

EDITORIAL ACTIVITIES:

Editorial Board Activity

2022 – Present	Editorial Board member, Video-Assisted Thoracic Surgery journal
2006 – 2013	Co-Editor-in-Chief, <u>The Johns Hopkins A.B.S.I.T.E. Review Manual</u>
2006-2008	Associate Editor, Member of Editorial Review Board, <u>General Surgery Review, second edition</u> , Editor in Chief: M.A. Makary

Peer Review Activity

Active:

- Annals of Surgery
- Annals of Surgical Oncology
- Annals of Thoracic Surgery
- BMJ
- Clinical Lung Cancer
- JAMA Surgery (formerly Archives of Surgery)
- Journal of Surgical Research
- Journal of Thoracic and Cardiovascular Surgery
- Journal of the American College of Surgeons
- Seminars in Cardiothoracic and Vascular Anesthesia
- Surgery
- VATS Video-Assisted Thoracic Surgery
- World Journal of Surgery

Inactive:

- Colorectal Disease

- Molecular and Cellular Endocrinology
- Pancreas

Publications

Peer Reviewed Journal Articles:

My Bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/robert.meguid.2/bibliography/public/>

Citations 4280

h-index 29

i10-index 52

1. Meguid, M.M., Yang, Z.J., Ratto, C., **Meguid, R.A.**, Hitch, D.C., Kubota, A., Campos, A.C.L.: Dynamics of oral intake resumption after general anesthesia and operation in rats. *Physiology and Behavior* (Sep) 52:597-601, 1992. PMID 1409926
2. Paston, M.J., **Meguid, R.A.**, Muscaritoli, M., Forbes, B., Yang, Z.J., Meguid, M.M.: Dynamics of central venous catheter-related sepsis in rats. *The Journal of Clinical Microbiology* (Jun) 31:1652-1655, 1993. PMID 8315012
3. Meguid, M.M., Beverly, J.L., Yang, Z.J., Gleason, J.R., **Meguid, R.A.**, Yue, M.X.: Parenteral nutrition, brain glycogen, and food intake. *The American Journal of Physiology* (Dec) 265:R1387-R1391, 1993. PMID 8285281
4. **Meguid, R.A.**, Beverly, J.L., Meguid, M.M.: Surfeit calories during parenteral nutrition influences food intake and carcass adiposity in rats. *Physiology and Behavior* (Feb) 57:265-269, 1995. PMID 7716202
5. Elgadi, K.M., **Meguid, R.A.**, Qian, M., Souba, W.W., Abcouwer, S.F.: Cloning and analysis of unique glutaminase isoforms generated by tissue-specific alternative splicing. *Physiologic Genomics (American Physiologic Society)* (Aug) 1:51-62, 1999. PMID 11015561
6. Abcouwer, S.F., Schwarz, C., **Meguid, R.A.**: Glutamine deprivation induces the expression of GADD45 and GADD153 primarily by mRNA stabilization. *The Journal of Biological Chemistry* (Oct) 274:28645-28651, 1999. PMID 10497233
7. **Meguid, R.A.**, Brooke, B.S., Chang, D.C., Sherwood, J.T., Brock, M.V., Yang, S.C.: Are Surgical Outcomes for Lung Cancer Resections Improved at Teaching Hospitals? *The Annals of Thoracic Surgery* (Mar) 85:1015-1025, 2008. PMID 18291190
J Maxwell Chamberlain Memorial Paper for thoracic surgery. 43rd annual meeting of the Society of Thoracic Surgeons.
Chosen as the "Continuing medical education article of the month"
8. **Meguid, R.A.**, Ahuja, N., Chang, D.C.: What Constitutes a "High Volume" Hospital for Pancreatic Resection? *The Journal of the American College of Surgeons* (Apr) 206(4):622.e1-9, 2008. PMID 18387466
9. **Meguid, R.A.**, Slidell, M.B., Wolfgang, C.L., Chang, D.C., Ahuja, N.: Is there a Difference in Survival Between Right- versus Left-Sided Colon Cancers? *The Annals of Surgical Oncology* (Sept) 15(9):2388-94, 2008. PMID 18622647
Abstracted in *Nature Clinical Practice Oncology* (Jan) 6(1):5, 2009.
10. Weiss, E.S., **Meguid, R.A.**, Patel, N.D., Russell, S.D., Shah, A.S., Baumgartner, W.A., Conte, J.V.: Increased Mortality at Low-Volume Orthotopic Heart Transplantation Centers: Should

- Current Standards Change? *The Annals of Thoracic Surgery* (Oct) 86(4):1250-9, 2008. PMID 18805171
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 20. Wiedel, C., Maroni, P., Cohen, M.E., Meng, X., **Meguid, R.A.**: Association between Altitude and Postoperative Infectious Complications Based on the American College of Surgeons NSQIP Data. *Journal of the American College of Surgeons*, Oct 227 (4), e156-e157, 2018.
 21. Kastelowitz, N., Marsh, M., McCarter, **Meguid, R.A.**, Schefter, T., Rooke, D.A., Stumpf, P., Leong, S., Messersmith, W., Lieu, C., Leal, A.D., Davis, S.L., Purcell, W.T., Mitchell, J.D., Weyant, M.J., Scott, C.D., Goodman, K.A.: Impact of radiation dose during neoadjuvant chemoradiation on postoperative complications in esophageal (EC) and gastroesophageal junction cancers (GEJC). DOI: 10.1200/JCO.2019.37.4_suppl.119 *Journal of Clinical Oncology* 37, no. 4_suppl (February 1 2019) 119-119, 2019.
 22. Wiesen, B.M., Bronsert, M.R., Aasen, D.M., Singh, A.B., Lambert-Kerzner, A., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: Use of the novel SURPAS tool to Assist Informed Consent Improves Patient Satisfaction and Surgeon Efficiency. *Journal of Investigative Medicine*, Jan 67 (1): 93-94, 2019.
 23. Wiesen, B.M., Bronsert, M.R., Aasen, D.M., Singh, A.B., Lambert-Kerzner, A., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: Surgical Risk Preoperative Assessment System Tool Improves Patient Satisfaction and Surgeon Efficiency During Informed Consent. *Journal of the American College of Surgeons*. 229(4):S165-S166, Supplement 1: S165-6, 2019, October 2019.

24. Singh, A.B., Bronsert, M.R., Henderson, W.G., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: Accurate Preoperative Prediction of Discharge Destination. *Journal of the American College of Surgeons*, Oct 229 (4); Supplement 1: S141, 2019.
25. Dimou, A., Patil, T., Jeffers, A., Guimaraes-Young, A., Davies, K.D., Nance, T., He, Y., Jaimovich, A., Raymond, V.M., Talasaz, A.A., Schenk, E., Pacheco, J., Aisner, D., Merrick, D., Scott, C., Mitchell, J.D., Weyant, M., **Meguid, R.A.**, Purcell, W.T., Bunn, P.A., Camidge, D.R., Ng, T.L., McCoach, C.E., Doebele, R.C.: Detection of ctDNA and Correlation with Tumor Mutation Testing in Early Stage NSCLC. *Journal of Thoracic Oncology*, 14(10S): S684, 2019.
26. Aasen, D.M., Bronsert, M.R., Rozeboom, P.D., Colborn, K.L., Henderson, W.G., Lambert-Kerzner, A., **Meguid, R.A.**: Pre- and Post-Discharge Infectious Complications, Length of Stay, and Unplanned Readmissions in the ACS-NSQIP Database. *Journal of the American College of Surgeons*. 231(4):S146-S147, October 2020.
27. Mason, N.J., Colborn, K.L., Rozeboom, P.D., Bronsert, M.R., Henderson, W.G., Pradhan, N., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: Comparative Assessment of Patient Surgical Risk by Surgeons vs. a Universal, Parsimonious Risk Assessment System (SURPAS)” *Journal of the American College of Surgeons*. 231(4):S287, October 2020.
28. Pradhan, N., Bronsert, M.R., Lambert-Kerzner, A., Mason, N.J., Henderson, W.G., Hammermeister, K.E., Qiu, H., **Meguid, R.A.**: Understanding Techniques of and Attitudes Towards Preoperative Risk Assessment.” *Journal of the American College of Surgeons*. 231(4):S152-S153, October 2020.
29. Carmichael, H., Bronsert, M.R., Dyas, A.R., Henderson, W.G., **Meguid, R.A.**, Velopulos, C.G.: Social Vulnerability Is Associated with Adverse Surgical Outcomes Even after Risk Adjustment. *Journal of the American College of Surgeons*. 233(5):S132, November 2021.
30. Dyas, A.R., Carmichael, H., Bronsert, M.R., Henderson, W.G., Madsen, H.J., Colborn, K.L., Velopulos, C.G., **Meguid, R.A.**: Integrating a Measure of Social Vulnerability into a Parsimonious Surgical Risk Calculator Does Not Improve Model Performance. *Journal of the American College of Surgeons*. 233(5):e48, November 2021.
31. Madsen, H.R., **Meguid, R.A.**, Bronsert, M.R., Dyas, A.R., Colborn, K.L., Lambert-Kerzner, A., Hammermeister, K.E., Henderson, W.G.: Associations Between Preoperatively Predicted Postoperative Complications in American College of Surgeons NSQIP Patients. *Journal of the American College of Surgeons*. 233(5):e58, November 2021.
32. Dyas, A.R., Bronsert, M.R., **Meguid, R.A.**, Colborn, K.L., Lambert-Kerzner, A., Hammermeister, K.E., Rozeboom, P.D., Velopulos, C.G., Henderson, W.G.: Using the Surgical Risk Preoperative Assessment System to Define the “High Risk” Surgical Patient. *Journal of the American College of Surgeons*. 233(5):e54-e55, November 2021.
33. Colborn, K.L., Zhuang, Y., Dyas, A.R., Bronsert, M.R., Henderson, W.G., **Meguid, R.A.**: Models for Preoperative Risk of Postoperative Infections Using Electronic Health Records Data. *Journal of the American College of Surgeons*. 235(5):S45, November 2022.
34. Hunt, A.R., Gergen, A.K., Helmkamp, L.J., Lin, Y., Mitchell, J.D., **Meguid, R.A.**, Wojcik, B.M.: Long-Term Patient-Reported Symptom Improvement and Quality of Life after

- Transthoracic Diaphragm Plication in Adults. *Journal of the American College of Surgeons*. 235(5):S261-S262, November 2022.
35. Bronsert, M.R., Henderson, W.G., Colborn, K.L., Dyas, A.R., Madsen, H.J., Zhuang, Y., Lambert-Kerzner, A., **Meguid, R.A.**: Effect of Present-at-Time-of-Surgery on Unadjusted and Risk-Adjusted Postoperative Complication Rates. *Journal of the American College of Surgeons*. 235(5):S30-S31, November 2022.
 36. Dyas, A.R., Kelleher, A.D., Bata, K.E., Cumbler, E., Barker, A., McCabe, K.O., Erickson, C.J., Randhawa, S., Mitchell, J.D., **Meguid, R.A.**: Multidisciplinary Review Committee Oversight Improves Adherence to Newly Implemented Thoracic Enhanced Recovery after Surgery Protocol. *Journal of the American College of Surgeons*. 235(5):S262-S263, November 2022.
 37. Gergen, A.K., Stuart, C.M., Byers, S., Vigneshwar, N., Madsen, H., Johnson, J., Oase, K., Garduno, N., Marsh, M., Pratap, A., Mitchell, J.D., David, E.A., Randhawa, S., **Meguid, R.A.**, McCarter, M.D., Stewart, C.L.: ASO Visual Abstract: Prospective Evaluation of a Universally Applied Laparoscopic Gastric Ischemic Preconditioning Protocol Prior to Esophagectomy with Comparison to Historical Controls. *Ann Surg Oncol*. 2023 Sep;. doi: 10.1245/s10434-023-13689-9. [Epub 2023 Jun 7] PubMed PMID: 37285095.

Invited Presentations:

1. **Meguid, R.A.**, Paston, M.J., Muscaritoli, M., Forbes, B., Yang, Z.J., and Meguid, M.M.: “Dynamics of Central Venous Catheter-Related Sepsis in Rats”, Oral presentation at the *Junior Science and Humanities Symposium*, State University of New York, Albany, NY, April 1992.
2. **Meguid, R.A.**, Beverly, J.L., and Meguid, M.M.: “Surfeit Calories During Parenteral Nutrition Influences Food Intake and Carcass Adiposity in the Rat”, Oral presentation at the *11th International Conference on the Physiology of Food and Fluid Intake*, University of Oxford, England, July 1993.
3. **Meguid, R.A.**, Beverly, J.L., and Meguid, M.M.: “Surfeit Calories During Parenteral Nutrition Influences Food Intake and Carcass Adiposity in the Rat”, Oral presentation at the *Junior Science and Humanities Symposium*, State University of New York, Albany, NY, April 1993.
4. **Meguid, R.A.**, Meguid, M.M., Beverly, J.L., Yang, Z.J., Gleason, J.R., and Yue, M.X.: “Parenteral Nutrition, Brain Glycogen, and Food Intake”, Oral presentation at the *7th Annual Biomedical Research Day*, Brown University, Providence, RI, April 1994.
5. **Meguid, R.A.**, Wang, P., and Chaudry, I.H.: “Alterations in Endothelins and Nitric Oxide During Hyperdynamic and Hypodynamic Stages of Polymicrobial Sepsis in the Rat”: Biochemistry Honors Thesis oral presentation, Department of Chemistry, Brown University, Providence, RI, April 1997.
6. **Meguid, R.A.**, Wang, P., and Chaudry, I.H.: “Does Endothelin or Nitric Oxide Play Any Major Role in Producing Hyperdynamic Circulation During Sepsis?”, Oral presentation at the *20th Annual Conference on Shock*, Grand Champions Resort, Indian Wells, CA, June 1997.
7. **Meguid, R.A.**, Beverly, J.L., and Meguid, M.M.: “Body Fat Changes in Rats Receiving Continuous Infusion of TPN With and Without Chow”, Poster presentation at the *XXXIII International Union of the Physiological Sciences*, Medical-Military Academy, St. Petersburg, Russia, July 1997.

8. **Meguid, R.A.**, Wang, P., and Chaudry, I.H.: “Temporal Changes in Endothelin and NO During Sepsis in the Rat”, Oral presentation at the *XXXIII International Union of the Physiological Sciences*, Medical-Military Academy, St. Petersburg, Russia, July 1997.
9. **Meguid, R.A.**, Brooke, B.S., Chang, D.C., and Yang, S.C.: “Are Surgical Outcomes for Lung Cancer Resections Improved at Teaching Hospitals?” The J. Maxwell Chamberlain Memorial Paper for General Thoracic Surgery, Oral presentation at the *43rd Annual Meeting of the Society of Thoracic Surgeons*, San Diego, CA, January 29, 2007.
10. **Meguid, R.A.**, Fendrich, V., Esni, F., Feldmann, G., Maitra, A., and Leach, S.D.: “Sonic Hedgehog Misexpression Causes Expansion of Mesenchymal Elements in Adult Mouse Pancreas.” Oral presentation at the *2nd Annual Academic Surgical Congress*, Phoenix, AZ, February 7, 2007.
11. **Meguid, R.A.**, Ahuja, N., and Chang, D.C.: “What Constitutes a “High Volume” Hospital for Pancreatic Resection?” Oral presentation at the *2nd Annual Academic Surgical Congress*, Phoenix, AZ, February 8, 2007.
12. **Meguid, R.A.**, Slidell, M.B., Chang, D.C., and Ahuja, N.: “Is there a Difference in Survival Between Right- Versus Left-Sided Colon Cancers?” Poster presentation at the *Society of Surgical Oncology Annual Meeting*, Washington, D.C., March 17, 2007.
13. **Meguid, R.A.**, Weiss, E.S., Chang, D.C., Brock, M.V., and Yang, S.C.: “The Effect of Volume on Esophageal Cancer Resections: What Constitutes Acceptable Resection Volumes for Centers of Excellence?” Oral presentation at the *87th Annual Meeting of the American Association for Thoracic Surgery*, Washington, D.C., May 8, 2007.
14. **Meguid, R.A.**, Brooke, B.S., Chang, D.C., Brock, M.V., and Yang, S.C.: “Peri-Operative Surgical Outcomes for Lung Cancer Resection: Do Residents Make a Difference?” Oral presentation at the *Gershon Efron Clinical Research Award Competition, Gregory Bulkeley 2nd Annual Resident Research Day*, Department of Surgery, Johns Hopkins Hospital, Baltimore, MD, May 29, 2007.
15. **Meguid, R.A.**, Hooker, C.M., Pelosky, K.L., Pridham, G.L., Sam, C., Yang, S.C., and Brock, M.V.: “Screening For Lung Cancer With Molecular Markers: Which Specimen Source is Best?” Oral presentation at the *George D. Zuidema Basic Science Research Award Competition, Gregory Bulkeley 2nd Annual Resident Research Day*, Department of Surgery, Johns Hopkins Hospital, Baltimore, MD, May 29, 2007.
16. **Meguid, R.A.**, Hooker, C.M., Xu, L., Lee, S., Luong, E., Sherwood, T.J., Sussman, M., Yang, S.C., and Brock, M.V.: “Surgical Outcomes in Non-Smoking Lung Cancer Patients.” Oral presentation at the *33rd Annual Meeting of the Western Thoracic Surgical Association*, Santa Ana Pueblo, NM, June 29, 2007. Nominee, Samson Resident Essay Award.
17. **Meguid, R.A.**, Hooker, C.M., DeAngelis, J.A., Sussman, M., Yang, S.C., and Brock, M.V.: “Outcomes of Lung Cancer Surgery in HIV-Positive Smokers: Initial Findings.” Oral presentation at the *Surgical Forum, American College of Surgeons Annual Meeting*, New Orleans, LA, October, 2007.
18. Habbe, N., **Meguid, R.A.**, Fendrich, V., Feldmann, G., Hruban, R.H., Leach, S.D., and Maitra, A.: “Spontaneous development of murine pancreatic intraepithelial neoplasia (mPanIN) in *Ela-CreERT2; LSL-Kras^{G12D}* mice: Insights into cellular origins of pancreatic

- cancer.” Oral presentation at the *American Pancreatic Association 2007 Annual Meeting*, Chicago, IL, November 1, 2007.
19. Brock, M.V., Taylor, J., **Meguid, R.A.**, Hooker, C.M., Yang, S.C., Kleinberg, L., Heitmiller, R.F., Montgomery, E., Herman, J., and Forastiere, A.: “Esophageal cancer survival after neoadjuvant chemoradiation and surgery.” Poster presentation at the *2008 Gastrointestinal Cancers Symposium (ASCO, AGA, ASTRO, & SSO)*, Orlando, FL, January 25, 2008.
 20. **Meguid, R.A.**, Dominici, F., Yang, S.C.: “Decreased Operative Mortality for Esophageal Cancer Resection at Hospitals with Thoracic Training Programs.” Masters of Public Health Thesis oral presentation, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, May 1, 2008.
 21. Weiss, E.S., **Meguid, R.A.**, Patel, N.D., Russell, S.D., Shah, A.S., Baumgartner, W.A., and Conte, J.V.: “Increased Mortality Rates at Low Volume Orthotopic Heart Transplantation Centers. Should The Optimal Volume For Defining Centers of Excellence Be Increased?” Oral presentation at the *44th Annual Meeting of the Society of Thoracic Surgeons*, Fort Lauderdale, FL, January 29, 2008.
 22. Taylor, J.T., **Meguid, R.A.**, Hooker, C.M., Yang, S.C., Heitmiller, R.F., Sussman, M., Kleinberg, L.R., Montgomery, E.A., Forastiere, A.A., and Brock, M.V.: “Long-term survival after neoadjuvant chemoradiation and surgery for esophageal cancer: an institutional experience.” Poster presentation at the *2008 Surgical Research Forum*, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD, February 28, 2008.
 23. **Meguid, R.A.**, Weiss, E.S., Cattaneo, S.M., Sussman, M.S., Brock, M.V., and Yang, S.C.: “Decreased Operative Mortality for Esophageal Cancer Resection at Hospitals with Thoracic Training Programs: Should Esophagectomies Only Be Performed by Thoracic Surgeons?” Oral presentation at the *88th Annual Meeting of the American Association For Thoracic Surgery*, San Diego, CA, May 12, 2008.
 24. **Meguid, R.A.**, Hooker, C.M., DeAngelis, J.A., Cattaneo, S.M., Sussman, M., Yang, S.C., and Brock, M.V.: “Outcomes after Lung Cancer Surgery in HIV-Positive Patients” Oral presentation at the *Gershon Efron Clinical Research Award Competition, Gregory Bulkeley 3rd Annual Resident Research Day*, Department of Surgery, Johns Hopkins Hospital, Baltimore, MD, June 18, 2008.
 25. **Meguid, R.A.**, Hooker, C.M., Taylor, J.T., Kleinberg, L., Cattaneo, S.M., Sussman, M., Yang, S.C., Heitmiller, R.F., Forastiere, A., and Brock, M.V.: “Failure after Neoadjuvant Chemoradiation and Surgery for Esophageal Cancer: Do Complete Responders Recur Differently than Non-Complete Responders.” Oral presentation at the *34th Annual Meeting of the Western Thoracic Surgical Association*, Kona, HI, June 26, 2008. Nominee, Samson Resident Essay Award.
 26. **Meguid, R.A.**, Cattaneo, S.M., Brock, M.V., and Yang, S.C.: “Length of Stay after Lung Cancer Surgery: Thoracic Surgeons Are Setting the Standard.” Oral and poster presentation at the *34th Annual Meeting of the Western Thoracic Surgical Association*, Kona, HI, June 28, 2008.
 27. Yang, S.C., **Meguid, R.A.**, Brooke, B.S., Chang, D.C., and Brock, M.V.: “Assessing if Teaching Hospitals Have Better Complex Surgical Procedure Outcomes – A Look at In-Hospital Mortality for Lung Cancer Resections” Oral presentation at the *Agency for Healthcare Research and Quality (AHRQ) Annual Conference*, Washington, D.C., September 10, 2008.

28. **Meguid, R.A.**, Brooke, B.S., Perler, B.A., and Freischlag, J.A.: "Does Teaching Hospital Status Impact Survival from Ruptured Abdominal Aortic Aneurysm Repair?" Oral poster presentation at the *Eastern Vascular Society 2008 Annual Meeting*, Boston, MA, September 18, 2008.
"Best Poster" award
29. Wu, F., **Meguid, R.A.**, Hooker, C.M., Sussman, M.S., Cattaneo, S.M., Brock, M.V., and Yang, S.C.: "Outcomes of Elderly Patients with Esophageal Cancer: Who Undergoes Esophagectomy?" Oral presentation at the *Surgical Forum, American College of Surgeons Annual Meeting*, San Francisco, CA, October 15, 2008.
30. Brooke, B.S., **Meguid, R.A.**, Perler, B.A., Dominici, F., Pronovost, P.J., and Pawlik, T.M.: "Adopting Evidence-Based Process Measures in Surgery: Is Intervention Specific or Associated with Overall Hospital Quality?" Oral presentation at the *Surgical Forum, American College of Surgeons Annual Meeting*, San Francisco, CA, October 15, 2008.
31. **Meguid, R.A.**: "The Academic Effect on Perioperative Outcomes." Oral presentation at the *Department of Surgery Research Seminar*, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD, November 6, 2008.
32. Weiss, E.S., **Meguid, R.A.**, Patel, N.D., Merlo, C.A., Orens, J.B., Baumgartner, W.A., Conte, J.V., and Shah, A.S.: "The Center Effect in Lung Transplantation: A Volume Outcome Analysis of Over 10,000 Cases." Oral presentation at the *45th Annual Meeting of the Society of Thoracic Surgeons*, San Francisco, CA. January 27, 2009.
33. **Meguid, R.A.**, Brooke, B.S., Perler, B.A., and Freischlag, J.A.: "What Effect Does Teaching Hospital Status Have on Survival from Ruptured Abdominal Aortic Aneurysm Repair?" Poster presentation at the *2009 Surgical Research Forum*, Department of Surgery, Johns Hopkins University School of Medicine, February 26, 2009.
34. Zhu, N., **Meguid, R.A.**, Hooker, C.M., Brock, M.V., and Yang, S.C.: "Comparison of Demographics, Diagnosis and Treatment of Asian-Americans with Non-Small Cell Lung Cancer with the U.S. General Population." Poster at *13th World Conference on Lung Cancer*, San Francisco, CA. August 1, 2009.
35. **Meguid, R.A.**, and Kuwayama, D.P.: "The 80 Hour Work Week: What We've Learned, Where this is Taking Us." Oral presentation at Grand Rounds, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD, May 6, 2010.
36. **Meguid, R.A.**: "The Academic Effect on Perioperative Outcomes." Oral presentation, Department of Surgery, University of Wisconsin School of Medicine, Madison, WI, November 17, 2011.
37. **Meguid, R.A.**: "The Role of Thoracoscopy in Lung Cancer Diagnosis and Treatment." Oral presentation at Grand Rounds, Department of Medicine, Rose Medical Center, Denver, CO, February 25, 2014.
38. **Meguid, R.A.**, and Partrick, D.A.: "Surgical Management of Pectus Excavatum." Oral presentation at Grand Rounds, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, March 3, 2014.
39. Moore, H.B., Juarez-Colunga, E., Bronsert, M., Hammermeister, K.E., Henderson, W.G., Moore, E.E., **Meguid, R.A.**: "Are Pregnant Patients Subject to Increased Morbidity and

- Mortality After Non-Obstetric Surgery?” Oral presentation and poster presentation at *American College of Surgeons National Surgical Quality Improvement Program Annual Meeting*, New York, NY, July 28, 2014.
40. **Meguid, R.A.:** “Development of a Parsimonious Preoperative Risk Assessment Tool.” Oral presentation at the University of Colorado Cancer Center Grand Rounds, University of Colorado School of Medicine, Aurora, CO, September 2, 2014.
 41. **Meguid, R.A.:** “Update on NSQIP and UCH Quality Improvement Efforts.” Oral presentation at Grand Rounds, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, September 8, 2014.
 42. **Meguid, R.A.:** “Development of a Parsimonious Preoperative Risk Assessment Tool.” Oral presentation at *M3’s Last Lab Meeting*, Marco Island, FL, October 10, 2014.
 43. **Meguid, R.A.:** “Surgical Management of Pectus Excavatum.” Oral presentation at Grand Rounds, Good Samaritan Hospital, Lafayette, CO, October 30, 2014.
 44. **Meguid, R.A.:** “Use of ACS NSQIP Data for Quality Improvement.” Oral presentation at Anesthesiology Grand Rounds, Department of Anesthesiology and Critical Care, University of Colorado School of Medicine, Aurora, CO, November 24, 2014.
 45. **Meguid, R.A.:** “Thoracic Surgery & Minimally Invasive Surgery for Lung Cancer.” Oral presentation at weekly meeting of Rotary Club International of Cherry Creek, Denver, CO, March 31, 2015.
 46. Abrams, B., Bell, M.T., Seres, T., **Meguid, R.A.**, Bartells, K.: “Considerations for Pulmonary Torsion.” Poster at *Society of Cardiovascular Anesthesiologists 37th Annual Meeting & Workshops, 4th Annual Thoracic Anesthesia Symposium*, Washington, DC, April 10, 2015.
 47. Hanson, R., Beck, D., **Meguid, R.A.**, Jones, T., Weitzel, N.S.: “Management and Repair of Acute Intubation-Related Tracheal Perforation.” Poster at *Society of Cardiovascular Anesthesiologists 37th Annual Meeting & Workshops, 4th Annual Thoracic Anesthesia Symposium*, Washington, DC, April 10, 2015.
 48. **Meguid, R.A.:** “Development of a Parsimonious Preoperative Risk Assessment Tool.” Oral presentation at Department of Surgery Grand Rounds, Federal University of Paraná Hospital de Clínicas da UFPR, Curitiba, Brazil, April 13, 2015
 49. Bronsert, M.R., Juarez-Colunga, E., **Meguid, R.A.**, Hammermeister, K.E., and Henderson, W.G.: “A Simulation Study of Bias, Predictor Stability and Individual Risk Estimates Using Stepwise Logistic Regression Analysis.” Oral and Poster session at the *Western North American Region of the International Biometric Society 2015*, Boise, ID, May 8, 2015.
 50. **Meguid, R.A.:** “Using NSQIP to Evaluate Readmissions After Lung Resection.” Oral presentation at the *Surgical Forum, American College of Surgeons Clinical Congress*, Chicago, IL, October 6, 2015.
 51. Lin, Y., **Meguid, R.A.**, Henderson, W.G., Hammermeister, K., Wild, T.T., Spruiell, M.D., Quattlebaum, S., Shelstad, R.C., Folzenlogen, Z., McIntyre, R.: “Unplanned Return to the Operating Room: An institutional analysis to identify areas for improvement.” Oral presentation at the *Surgical Forum, American College of Surgeons Surgical Forum*, Chicago, IL, October 7, 2015.

52. **Meguid, R.A.:** “Surgical Management of Pectus Excavatum.” Oral presentation at Grand Rounds, Department of Surgery, Saint Joseph Hospital, Denver, CO, October 20, 2015.
53. **Meguid, R.A.:** “University of Colorado Hospital NSQIP & Quality Improvement Update.” Oral presentation at Grand Rounds, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, October 26, 2015.
54. **Meguid, R.A.:** “Managing Lung Cancer From the Solitary Pulmonary Nodule to Complex Cases: A Multidisciplinary Approach.” Oral presentation at the *Mountain States Cancer Conference, 1st Annual Meeting*, Aurora, CO, November 7, 2015.
55. Stewart, C., Wilson, L., Hamm, A., Barsch, C., Boniface, M., Gleisner, A., Mitchell, J.D., Weyant, M.J., **Meguid, R.A.**, Gajdos, C., Edil, B., McCarter, M.: “Is Chemical Pyloroplasty Necessary for Minimally Invasive Esophagectomy?” Poster presentation at the *Society of Surgical Oncology Annual Cancer Symposium*, Boston, MA, March 2-5, 2016.
56. Ryan, C., Paniccia, A., **Meguid, R.A.**, McCarter, M.: “Transthoracic Anastomotic Leak after Esophagectomy: No Longer a Catastrophe.” Poster presentation at the *Society of Surgical Oncology Annual Cancer Symposium*, Boston, MA, March 2-5, 2016.
57. **Meguid, R.A.:** “Management of Chest Wall Tumors.” Oral presentation at Grand Rounds, Good Samaritan Hospital, Lafayette, CO, March 17, 2016.
58. **Meguid, R.A.:** “Surgical Risk Preoperative Assessment System – Development of a Novel Risk Assessment System.” Oral presentation at the *Surgical Outcomes Club, Monthly Work In Progress Seminar*, national webinar, April 21, 2016.
59. **Meguid, R.A.:** “Surgical Risk Preoperative Assessment System – Development of a Novel Risk Assessment System.” Oral presentation at Grand Rounds, Division of Urology, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, June 6, 2016.
60. McCarter, M., Ryan, C., **Meguid, R.A.**, Paniccia, A.: “Transthoracic Anastomotic Leak after Esophagectomy: Still a Catastrophe?” Poster presentation at the *American Society of Clinical Oncology 2016 Gastrointestinal Cancers Symposium*, Chicago, IL.
61. Stewart, C., Hazel, K., Boniface, M., McCarter, M., Gajdos, C., Edil, B., **Meguid, R.A.**, Mitchell, J.D., Weyant, M.J.: “Is restaging positron emission tomography required after neoadjuvant treatment for esophageal cancer?” Oral presentation at the *Western Thoracic Surgical Association 2016 annual meeting*, Waikoloa, HI, June 22, 2016.
- Norman E. Shumway Award for Best Podium Presentation.
62. Bhagat, R., Juarez-Colunga, E., Bronsert, M.R., Glebova, N.O., Henderson, W.G., Fullerton, D., MD, Weyant, M.J., Mitchell, J.D., **Meguid, R.A.:** “Understanding Unplanned Readmissions after Thoracic Surgery to Guide Future Intervention.” Poster presentation at the *National Surgical Quality Improvement Program 2016 annual meeting*, San Diego, CA, July 17, 2016.
63. **Meguid, R.A.**, Lin, Y., Hosokawa, P., Henderson, W.G., Hammermeister, K.E., Espinoza, S., Hennecken, N., Schulick, R.D., McIntyre, R.C.: “An Institutional Analysis of Unplanned Return to the Operating Room to Identify Areas for Quality Improvement.” Poster presentation at the *National Surgical Quality Improvement Program 2016 annual meeting*, San Diego, CA, July 17, 2016.

64. **Meguid, R.A.:** “The Role of Surgery in the Multidisciplinary Management of Lung Cancer.” Plenary oral presentation at the *Global Resource for Advancing Cancer Education (GRACE): Targeted Therapies in Lung Cancer Patient Forum*, University of Colorado Hospital, Aurora, CO, August 20, 2016.
65. **Meguid, R.A.:** “Surgical Risk Preoperative Assessment System – Development of a Novel Risk Assessment System.” Oral presentation at Grand Rounds, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, September 19, 2016.
66. **Meguid, R.A.:** “Treating Pectus Excavatum in Patients with Connective Tissue Disorders.” Oral presentation at the 2nd Annual Colorado Symposium on Marfan Syndrome & Related Disorders, University of Colorado School of Medicine, Aurora, CO, October 22, 2016.
67. Bhagat, R., Ward, A.N, Juarez-Colunga, E., Bronsert, M.R., Glebova, N.O., Henderson, W.G., Fullerton, D., Weyant, M.J., Mitchell, J.D., Martin, J., **Meguid, R.A.:** “Causes and Patterns of Unplanned Readmissions After Anatomic Lung Resection: Comparison of Thoracoscopic Vs. Open Approaches.” Oral presentation at the *Southern Thoracic Surgical Association* 63rd annual meeting, Naples, FL, November 10, 2016.
68. **Meguid, R.A.:** “Surgical Risk Preoperative Assessment System – Development of a Novel Risk Assessment System.” Oral presentation at Anesthesiology Grand Rounds, Department of Anesthesiology and Critical Care, University of Colorado School of Medicine, Aurora, CO, December 5, 2016.
69. Lambert-Kerzner, A., Lynett, K., Hammermeister, K.E., Henderson, W.G., **Meguid, R.A.:** Formative Evaluation of the Surgical Risk Preoperative Assessment System (SURPAS): “Use of Consolidated Framework for Implementation Research (CFIR) to guide the Implementation Process.” Poster presentation at the *9th Annual Conference on the Science of Dissemination and Implementation*, the National Institutes of Health & AcademyHealth, Washington, DC, December 15, 2016.
70. Bhagat, R., Juarez-Colunga, E., Glebova, N.O., Weyant, M.J., Mitchell, J.D., Henderson, W.G., Fullerton, D., MD, **Meguid, R.A.:** “Postoperative Complications Drive Unplanned Readmissions After Esophagectomies.” Oral presentation at the *Society of Thoracic Surgeons* 2017 annual meeting, Houston, TX, January 24, 2017.
71. Qiu, H., Paz de Araujo, D., **Meguid, R.A.:** “Understanding Attitudes Towards and Techniques of Preoperative Risk Assessment.” Poster presentation at the *2017 Western Medical Research Conference*, Carmel, CA, January 26, 2017.
72. Paz de Araujo, D., Qiu, H., **Meguid, R.A.:** “Preoperative Capture of American Society of Anesthesiology Class and Functional Health Status for the Surgical Risk Preoperative Assessment System.” Oral presentation at the *2017 Western Medical Research Conference*, Carmel, CA, January 27, 2017.
73. Bhagat, R., Juarez-Colunga, E., Glebova, N.O., Henderson, W.G., Fullerton, D., Weyant, M.J., Mitchell, J.D., McIntyre, R.C., **Meguid, R.A.:** “Understanding Unplanned Readmissions after Hiatal and Paraesophageal Hernia Repairs.” Oral presentation at the *12th Annual Academic Surgical Congress* annual meeting, Las Vegas, NV, February 8, 2017.
74. Qureshi, I., Bartels, K., Bronsert, M.R., Mitchell, J.D., Weyant, M.J., Shah, R.J., Edil, B.H., and **Meguid, R.A.:** “Outcomes after Bilateral Thoracoscopic Splanchnicectomy for Treatment of

- Chronic Pancreatitis Pain.” Oral presentation at the *12th Annual Academic Surgical Congress* annual meeting, Las Vegas, NV, February 9, 2017.
75. **Meguid, R.A.:** “National Surgical Quality Improvement Program and University of Colorado Quality Improvement.” Oral presentation at Grand Rounds, Division of Urology, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, April 24, 2017.
76. **Meguid, R.A.:** “Surgical Risk Preoperative Assessment System – Development of a Novel Risk Assessment System.” Oral presentation at the *American College of Surgeons National Surgical Quality Improvement Program, Monthly Seminar*, national webinar, April 27, 2017.
77. Knapp, K., Venardos, N., **Meguid, R.A.**, Puskas, F.: “Airway management of a patient with a large post-intubation tracheal tear and massive subcutaneous emphysema.” Oral presentation at the *Society of Cardiovascular Anesthesiologists (TAS) 5th Annual Thoracic Anesthesia Symposium*, Difficult Cases, Orlando, FL, April, 2017.
78. **Meguid, R.A.**, Bronsert, M.R., Juarez-Colunga, E., Hammermeister, K.E., and Henderson, W.G.: “Development of the Parsimonious Surgical Risk Preoperative Assessment System for Accurate Preoperative Prediction of Common Adverse Outcomes.” Oral and poster presentation at the *ACS Quality and Safety Conference 2017* annual meeting, New York City, NY, July 22-25, 2017.
79. **Meguid, R.A.**, Bronsert, M.R., Juarez-Colunga, E., Hammermeister, K.E., and Henderson, W.G.: “Parsimonious, Clinically Meaningful Groups of NSQIP Postoperative Complications by Factor Analysis.” Poster presentation at the *ACS Quality and Safety Conference 2017* annual meeting, New York City, NY, July 22-25, 2017.
80. **Meguid, R.A.:** “National Surgical Quality Improvement Program and University of Colorado Surgical Quality Improvement.” Oral presentation at Grand Rounds, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, October 9, 2017.
81. **Meguid, R.A.:** “Surgical Management of Pneumothorax.” Invited oral presentation at the *American College of Surgeons Clinical Congress*, San Diego, CA, October 25, 2017.
82. **Meguid, R.A.:** “Meet-the-Expert Session: Management of Esophageal Perforations and Esophageal Leaks.” Invited oral presentation at the *American College of Surgeons Clinical Congress*, San Diego, CA, October 25, 2017.
83. Lambert-Kerzner, A., Overbey, D., Aasen, D., Damschroder, L., Henderson, W.G., Hammermeister, K.E., Bronsert, M.R., **Meguid, R.A.:** “Using the Consolidated Framework for Implementation Research (CFIR) to guide the Translational Process of the Surgical Risk Preoperative Assessment System (SURPAS).” Poster presentation at the *10th Annual Conference on the Science of Dissemination and Implementation*, the National Institutes of Health & AcademyHealth, Washington, DC, December 15, 2017.
84. Aasen, D., Hammermeister, K.E., Prochazka, A.V., **Meguid, R.A.:** “Systematic Review of Surgical Risk Communication to and Retention by Patients.” Poster presented at the *2018 Western Medical Research Conference*, Carmel, CA, January 25-27, 2018.
85. Qiu, H., Bronsert, M.R., Crane, L., **Meguid, R.A.:** “Provider Attitudes and Methods of Preoperative Surgical Risk Assessment.” Quick Shot Oral Presentation at the *13th Annual Academic Surgical Congress*, Jacksonville, FL, January 31, 2018.

86. **Meguid, R.A.:** “Management of Chest Wall Tumors.” Oral Presentation at Surgical Education Conference, Department of Surgery, Saint Joseph Hospital, Denver, CO, March 9, 2018.
87. Aasen, D., Prochazka, A.V., Fink, A.S., Hammermeister, K.E., **Meguid, R.A.:** “Systematic Review of Surgical Risk Communication to and Retention by Patients.” Poster presentation at the *2018 American College of Surgeons Quality and Safety Conference*, Orlando, FL, July 21-25, 2018.
88. Wiedel, C., Vanadurongvan, T., Cohen, M., Meng, X., Maroni, P., **Meguid, R.A.:** “An Exploratory Study of the Relationship Between Altitude and Post-Operative Infections: An Analysis of the NSQIP Database.” Oral podium presentation at the *American Urological Association South Central Section 97th Annual Meeting*, Nashville, TN, August 27, 2018.
89. Bhagat, R., Bronsert, M.R., Henderson, W.G., Scott, C.D., Weyant, M.J., Mitchell, J.D., Fullerton, D.A., **Meguid, R.A.:** “Lung Cancer Patients Are More Likely to Be Discharged Home and Less Likely to Be Readmitted After Thoracoscopic Vs. Open Resection.” Oral podium presentation at the *AATS International Thoracic Surgical Oncology Summit*, New York City, NY, October 12, 2018.
90. Halpern, A.L., Friedman, C., Torphy, R.J., Scott, C.D., Mitchell, J.D., **Meguid, R.A.,** McCarter, M.D., Weyant, M.J., Gleisner, A.L.: “Conversion to Open Surgery During Minimally Invasive Esophagectomy Portends Worse Short-Term Outcomes, An Analysis of the National Cancer Database.” Poster presentation at the *AATS International Thoracic Surgical Oncology Summit*, New York City, NY, October 12-13, 2018.
91. Aasen, D.A., Prochazka, A.V., Hammermeister, K.E., Fink, A.S., **Meguid, R.A.:** “Surgical Risk Communication to and Retention by Patients: Where Are We Now?” e-Poster oral presentation at the Scientific Forum program of the *American College of Surgeons Clinical Congress Scientific Forum*, Boston, MA, October 22, 2018.
92. Wiedel, C., Maroni, P., Cohen, M.E., Meng, X., **Meguid, R.A.:** “The Association Between Altitude and Postoperative Infectious Complications Based on the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP) Data.” e-Poster oral presentation in the Scientific Forum program of the *American College of Surgeons Clinical Congress Scientific Forum*, Boston, MA, October 23, 2018.
93. **Meguid, R.A.:** “Pectus Excavatum and Dyspnea.” Invited oral presentation at *Annual Comprehensive Lung and Breathing Summit*. Colorado Springs, CO, October 27, 2018.
94. Halpern, A.L., Kohtz, P., Helmkamp, L., Eldiery, M., Hodges, M.H., Scott, C., Mitchell, J.D., Aftab, M., Pal, J., Cleveland, J.C., Reece, T.B., **Meguid, R.A.,** Fullerton, D.A., Weyant, M.J.: “Improved Mortality Associated with the Use of Extracorporeal Membrane Oxygenation as a Bridge to Lung Transplantation.” Oral presentation at the *Southern Thoracic Surgical Association*, Amelia Island, FL, November 7-10, 2018.
95. **Meguid, R.A.:** “Surgical Risk Assessment: Where Do We Go From Here?” Oral presentation at Department of Surgery Grand Rounds, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, December 10, 2018.
96. Kastelowitz, N., Marsh, M., McCarter, **Meguid, R.A.,** Schefter, T., Rooke, D.A., Stumpf, P., Leong, S., Messersmith, W., Lieu, C., Leal, A.D., Davis, S.L., Purcell, W.T., Mitchell, J.D., Weyant, M.J., Scott, C.D., Goodman, K.A.: “Impact of radiation dose during neoadjuvant chemoradiation on postoperative complications in esophageal (EC) and gastroesophageal

- junction cancers (GEJC).” Poster presentation at the *Gastrointestinal Cancers Symposium - American Society for Clinical Oncology Annual Meeting*, San Francisco, CA, January 17-19, 2019.
97. Wiesen, B.M., Bronsert, M.R., Aasen, D.M., Singh, A.B., Lambert-Kerzner, A., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: “Use of the novel SURPAS tool to Assist Informed Consent Improves Patient Satisfaction and Surgeon Efficiency.” Oral presentation at the *2019 Western Medical Research Conference*, Carmel, CA, January, 2019.
98. Halpern, A.L., Boshier, P.R., White, A.M., Houk, A.K., Scott, C., Mitchell, J.D., **Meguid, R.A.**, Fullerton, D.A., Low, D.E., Weyant, M.J.: “The Influence of Sarcopenia and Nutrition on Lung Transplant Candidates – Short Term and Long Term Outcomes.” Quickshot oral and poster presentation at the *Society of Thoracic Surgeons 55th Annual Meeting*, San Diego, CA, January 27-29, 2019. Awarded as a Top Poster Presentation.
99. Odell, D.D., Cooke, D.T., **Meguid, R.A.**, Backhus, L., Krantz, S., Varghese, T.K., Bilimoria, K.L “Thoracic Outcomes Research Network (ThORN) Consensus Measures of Lung Cancer Care: Results of a Modified Delphi Study.” Oral presentation at the *Society of Thoracic Surgeons 55th Annual Meeting*, San Diego, CA, January 2019.
100. Colborn, C., Singh, A.B., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: “Identification of Postoperative Complications Using Electronic Health Records and Machine Learning.” Oral presentation at the *14th Annual Academic Surgical Congress*, Houston, TX, February 5, 2019.
101. Khaneki, S., Bronsert, M.R., Henderson, W.G., Yazdanfar, M., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: “Comparison of the Accuracy of SURPAS vs ACS NSQIP Surgical Risk Calculators.” Oral presentation at the *14th Annual Academic Surgical Congress*, Houston, TX, February 7, 2019.
102. Singh, A.B., Gibula, D., Bronsert, M.R., Henderson, W.G., Hammermeister, K.E., Glebova, N.O., **Meguid, R.A.**: “Accurately Predicting 30-day Unplanned Postoperative Readmission Using Eight Predictor Variables.” Oral presentation at the *14th Annual Academic Surgical Congress*, Houston, TX, February 7, 2019.
103. White, A.M., Halpern, A.L., Kohtz, P., Grover, F.L., Scott, C., Mitchell, J.D., Zamora, M.R., **Meguid, R.A.**, Helmkamp, L.J., Fullerton, D.A., Weyant, M.J.: “Albumin and Transplant Type Predicts Survival in Pulmonary Fibrosis Patients Receiving Lung Transplant.” Oral presentation at the *14th Annual Academic Surgical Congress*, Houston, TX, February 7, 2019.
104. **Meguid, R.A.**: “Surgical Risk Preoperative Assessment System (SURPAS) & Proposal for Multicenter Trial.” Oral presentation at the *Inaugural Thoracic Surgery Outcomes Research Network (ThORN) International Scientific Meeting*, Toronto, Canada, May 5, 2019.
105. Khorfan, R., Coughlin, J.M., Cooke, D.T., **Meguid, R.A.**, Bakhus, L., Varghese Jr., T.K., Phillips, J.D., Farjah, F., Broderick, S., Kidane, B., Holl, J.L., Bilimoria, K.Y., Odell, D.D.: “Institutional Factors Associated with Non-Adherence to Thoracic Surgery Outcomes Research Network (ThORN) Quality Measures in the Treatment of Stage I/II Non-Small Cell Lung Cancer.” Oral presentation at the *American Association for Thoracic Surgery 99th Annual Meeting*, Toronto, Canada, May 5, 2019.
106. Singh, A.B., Bronsert, M.R., Henderson, W.G., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: “Accurate Preoperative Prediction of Discharge Destination Using Eight

- Predictor Variables.” Oral presentation at the *Department of Surgery 6th Annual Research Symposium*, University of Colorado School of Medicine, Aurora, CO, May 20, 2019
107. Wiesen, B.M., Bronsert, M.R., Aasen, D.M., Singh, A.B., Lambert-Kerzner, A., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: “Use of the novel SURPAS tool to Assist Informed Consent Improves Patient Satisfaction and Surgeon Efficiency.” Poster presentation at the *2019 University of Colorado Hospital Quality and Safety Symposium*, Aurora, CO, June 3, 2019.
 108. Colborn, K.L., Singh, A.B., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: “Identification of Postoperative Complications Using Electronic Health Records and Machine Learning.” Poster presentation at the *2019 University of Colorado Hospital Quality and Safety Symposium*, Aurora, CO, June 3, 2019.
 109. Singh, A.B., Bronsert, M.R., Henderson, W.G., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: “Surgical Risk Preoperative Assessment System.” Poster presentation at the *2019 University of Colorado Hospital Quality and Safety Symposium*, Aurora, CO, June 3, 2019.
 110. Gibula, D.R., Singh, A.B., Bronsert, M.R., Henderson, W.G., Battaglia, C., Hammermeister, K.E., Glebova, N.O., Meguid, R.A.: “Accurate Preoperative Prediction of Unplanned 30-day Postoperative Readmission Using Eight Predictor Variables.” Poster Presentation at the *2019 ACS Quality and Safety Conference*, Washington, DC, July 20-22, 2019.
 111. Singh, A.B., Bronsert, M.R., Henderson, W.G., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: “Accurate Preoperative Prediction of Discharge Destination Using Eight Predictor Variables.” Poster Presentation at the *2019 ACS Quality and Safety Conference*, Washington, DC, July 20-22, 2019.
 112. Dimou, A., Patil, T., Jeffers, A., Guimaraes-Young, A., Davies, K.D., Nance, T., He, Y., Jaimovich, A., Raymond, V.M., Talasaz, A.A., Schenk, E., Pacheco, J., Aisner, D., Merrick, D., Scott, C., Mitchell, J.D., Weyant, M., **Meguid, R.A.**, Purcell, W.T., Bunn, P.A., Camidge, D.R., Ng, T.L., McCoach, C.E., Doebele, R.C.: “Detection of ctDNA and Correlation with Tumor Mutation Testing in Early Stage NSCLC.” Poster presentation, *IASLC 2019 World Conference on Lung Cancer*, Barcelona, Spain, September 7 - 10 2019.
 113. **Meguid, R.A.**: “Surgical Risk Assessment: Where Do We Go From Here?” Oral presentation at Department of Anesthesiology Grand Rounds, Department of Anesthesiology and Critical Care, University of Colorado School of Medicine, Aurora, CO, September 23, 2019.
 114. Halpern, A.L., Houk, A.K., Torphy, R.J., Helmkamp, L., White, A.M., Scott, C.D., **Meguid, R.A.**, Mitchell, J.D., Weyant, M.J.: “A National Analysis of the Implications of Conversion to Open Surgery During Minimally Invasive Esophagectomy.” Quickshot and poster presentation at the *2nd AATS International Thoracic Surgical Oncology Summit*, New York, NY, September, 2019.
 115. Launer, B.M., Serva, S., Weyant, M.J., Scott, C.D., **Meguid, R.A.**, Mitchell, J.D.: “Surgical Treatment of Pulmonary Artery Agenesis.” Poster presentation at *CHEST Annual Meeting 2019*, New Orleans, LA, October 19 - 23, 2019.
 116. Singh, A.B., Bronsert, M.R., Henderson, W.G., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: “Accurate Preoperative Prediction of Discharge Destination Using Eight Predictor Variables.” Oral podium presentation at the SF115 - Health Services Research II, *Owen H. Wangenstein Scientific Forum of the American College of Surgeons’ Clinical Congress*, San Francisco, CA, October 28, 2019.

117. Wiesen, B.M., Bronsert, M.R., Aasen, D.M., Singh, A.B., Lambert-Kerzner, A., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: “Use of the novel SURPAS tool to Assist Informed Consent Improves Patient Satisfaction and Surgeon Efficiency.” Oral podium presentation at the SF210 - Health Services Research III, *Owen H. Wangenstein Scientific Forum of the American College of Surgeons’ Clinical Congress*, San Francisco, CA, October, 29 2019.
118. **Meguid, R.A.**: “Preoperative Risk Assessment in Thoracic Surgery.” Invited presentation in PS301: Enhanced Recovery After Surgery (ERAS) Pathways for General Thoracic Surgery at *the American College of Surgeons’ Clinical Congress*, San Francisco, CA, October 30, 2019.
119. **Meguid, R.A.**: “Surgical Management of Thoracic Malignancy.” Invited presentation at the *Mountain States Cancer Conference*, Aurora, CO, November 8, 2019.
120. **Meguid, R.A.**: “Lung Volume Reduction Surgery: Who, When, How.” Invited presentation at *The 2019 Annual Comprehensive Lung and Breathing Summit*, Colorado Springs, CO, November 22, 2019.
121. Pradhan, N., Bronsert, M.R., Lambert-Kerzner, A., Mason, N.J., Henderson, W.G., Hammermeister, K.E., Qiu, H., **Meguid, R.A.**: “Understanding Techniques of, and Attitudes Towards Preoperative Risk Assessment.” Poster presentation at *the 2020 Western Medical Research Conference*, Carmel, CA, January 23, 2020.
122. Mason, N.J., Rozeboom, P., Bronsert, M.R., Henderson, W.G., Pradhan, N., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: “Comparative Assessment of Patient Surgical Risk by Surgeons vs. a Universal, Parsimonious Statistical Risk System.” Poster presentation at *the 2020 Western Medical Research Conference*, Carmel, CA, January 23, 2020.
123. Torphy, R.J., Ho, F., Friedman, C., Leong, S., Wani, S., Scott, C.D., Mitchell, J.D., Weyant, M.J., **Meguid, R.A.**, Gleisner, A., Goodman, K.A., McCarter, M.D.: “Concurrent versus Sequential Neoadjuvant Chemoradiation Therapy for Esophageal and Gastroesophageal Junction Adenocarcinoma.” Poster presentation at the *2020 ASCO Gastrointestinal Cancers Symposium*, San Francisco, CA, January 23-25, 2020.
124. **Meguid, R.A.**, Henderson, W.G., Lambert-Kerzner, A., Bronsert, M.R., Hammermeister, K.E.: “Adding Patient Reported Outcome Measures to the Surgical Risk Preoperative Assessment System.” Oral presentation at the *15th Annual Academic Surgical Congress*, Orlando, FL, February, 5, 2020.
125. Colborn, K.L., Bronsert, M.R., Singh, A.B., Henderson, W.G., Hammermeister, K.E., **Meguid, R.A.**: “A Generalizable Framework for Automated Surveillance of Postoperative Complications.” Oral presentation at the *15th Annual Academic Surgical Congress*, Orlando, FL, February, 4, 2020.
126. Rozeboom, P.D., Bronsert, M.R., Velopulos, C.G., Henderson, W.G., Colborn, K.L., Hammermeister, K.E., Lambert-Kerzner, A., Hall, M.G., McIntyre Jr, R.C., **Meguid, R.A.**: “New, Parsimonious Tool to Predict Adverse Outcomes in Emergency Surgery Patients: Comparing SURPAS to ACS Surgical Risk Calculator.” Poster presentation at *the Annual Meeting of the Southwestern Surgical Congress*, Ojai Valley, CA, April 19-22, 2020. Cancelled due to COVID-19 pandemic.
127. Kovar, A., Billings, J., Hosokawa, P., Jones, E., Jones, T., Raeburn, C., Vogel, J., **Meguid, R.A.**, Cumbler, E.: “Doctor’s Orders: An Analysis of Patient Refusal of Pharmacologic

- Venous Thromboembolism Prophylaxis.” Oral presentation at *the Association of Veterans Affairs Surgeons*, Pittsburgh, PA, April 19-21, 2020. Cancelled due to COVID-19 pandemic.
128. Halpern, A.L., Hirji, S.A., Helmkamp, L.J., Roberts,S., Houk, A.K., Okoh, A.K., **Meguid, R.A.**, Rinewalt, D.E., Weyant, M.J.: “Ex Vivo Lung Perfusion for Circulatory Death Donors in Lung Transplantation.” Oral presentation at *the International Society of Heart and Lung Transplantation 40th Anniversary Meeting and Scientific Sessions*, April 22-25, 2020, Montréal, Canada. Cancelled due to COVID-19 pandemic.
129. Hirji, S.A.* , Halpern, A.L.* , Helmkamp, L.J., Roberts,S., Houk, A.K., Okoh, A.K., **Meguid, R.A.**, Seese, L., Rinewalt, D.E., Weyant, M.J.: “Geographic and Temporal Patterns of Growth For Utilization of Donation after Circulatory Death Donors for Lung Transplantation in the United States.” Presentation at *the American Association for Thoracic Surgery Annual Meeting*, New York, NY, April 27, 2020. * indicates co-first authors. Cancelled due to COVID-19 pandemic.
130. Halpern, A.L., Hirji, S.A., Helmkamp, L.J., Roberts,S., Houk, A.K., Okoh, A.K., **Meguid, R.A.**, Seese, L., Rinewalt, D.E., Weyant, M.J.: Regional Waitlist Demand Increases Utilization of Donation After Circulatory Death Donors in Lung Transplantation. Oral presentation at *the American Association for Thoracic Surgery Annual Meeting*, New York, NY, April 27, 2020. * indicates co-first authors. Cancelled due to COVID-19 pandemic.
131. Houk, A.K., White, A.W., Mitchell, J.D., **Meguid, R.A.**, Pratap, A., Fullerton, D.A., Scott, C.S., Weyant, M.J.: “A Robotic-Assisted Approach is Safe and Effective for Revisional Hiatal Surgery.” Poster presentation at *the Society For Surgery of the Alimentary Tract Digestive Disease Week*, Chicago, IL, May 2-5, 2020. Cancelled due to COVID-19 pandemic.
132. Halpern, A.L., Hirji, S.A., Helmkamp, L.J., Roberts,S., Houk, A.K., Okoh, A.K., **Meguid, R.A.**, Seese, L., Rinewalt, D.E., Weyant, M.J.: Regional Waitlist Demand Increases Utilization of Donation After Circulatory Death Donors in Lung Transplantation. Oral presentation at *the Thoracic Surgery Outcomes Research Network Annual Scientific Meeting*, Virtual, June 16, 2020.
133. Rozeboom, P.D., Bronsert, M.R., Henderson, W.G., Velopulos, C.G., Colborn, K.L., Lambert-Kerzner, A., McIntyre Jr, R.C., **Meguid, R.A.**: “A New, Parsimonious Preoperative Risk Assessment Tool SURPAS Accurately Predicts Outcomes in Emergency Surgery.” Oral presentation at the *79th Annual Meeting of AAST & Clinical Congress of Acute Care Surgery*, Virtual, September 8-18, 2020.
134. **Meguid, R.A.**: “Approaching Informed Consent.” Invited Professor, Surgical Grand Rounds, Memorial-Sloan Kettering Hospital, New York, NY, September 21, 2020. Virtual due to COVID-19 pandemic.
135. Mason, N.J., Colborn, K.L., Rozeboom, P.D., Bronsert, M.R., Henderson, W.G., Pradhan, N., Lambert-Kerzner, A., Hammermeister, K.E., **Meguid, R.A.**: “Comparative Assessment of Patient Surgical Risk by Surgeons vs. a Universal, Parsimonious Risk Assessment System (SURPAS)” Oral presentation at the *Owen H. Wangenstein Scientific Forum, American College of Surgeons Clinical Congress 2020*, Virtual, October 3, 2020.
136. Pradhan, N., Bronsert, M.R., Lambert-Kerzner, A., Mason, N.J., Henderson, W.G., Hammermeister, K.E., Qiu, H., **Meguid, R.A.**: “Understanding Techniques of and Attitudes Towards Preoperative Risk Assessment.” Oral presentation at the *Owen H. Wangenstein Scientific Forum, American College of Surgeons Clinical Congress 2020*, Virtual, October 4, 2020.

137. Aasen, D.M., Bronsert, M.R., Rozeboom, P.D., Colborn, K.L., Henderson, W.G., Lambert-Kerzner, A., **Meguid, R.A.**: “Pre- and Post-Discharge Infectious Complications, Length of Stay, and Unplanned Readmissions in the ACS-NSQIP Database.” Oral presentation at the *Owen H. Wangenstein Scientific Forum, American College of Surgeons Clinical Congress 2020*, Virtual, October 4, 2020.
138. **Meguid, R.A.**: “Use of clinical decision support tools to ensure shared decision making.” Invited oral presentation in PS319: Measuring What Matters: The Patient Perspective, *American College of Surgeons Clinical Congress 2020*, Virtual, October 7, 2020.
139. Colborn, K., Branch-Elliman, W., Rozeboom, P., Henderson, W., Bronsert, M.R., Hammermeister, K.E., **Meguid, R.A.**: “Identification of Postoperative Urinary Tract Infections Using Structured Data and Text Notes from the Electronic Health Record.” Oral presentation at *AcademyHealth Surgical Outcomes Club Special Interest Group Meeting*, Virtual, October 26, 2020.
140. Suarez-Pierre, A., Halpern, A.L., Valero, V., Gergen, A.K., Vigneshwar, N.G., Bartley, M., Ghinca, C., **Meguid, R.A.**, Mitchell, J.D., Fullerton, D.A., Weyant, M.J., Scott, C.D., “Survival Following Lung Transplantation: A Population-based Nested Case Control Study.” Oral presentation at the *34th European Association for Cardio-Thoracic Surgery Annual Meeting*, Barcelona, Spain/Virtual, October 8-10, 2020.
141. Gergen, A.K., Wojcik, B.M., White, A.M., Mitchell, J.D., **Meguid R.A.**, Fullerton, D.A., Scott, C.D., Weyant, M.J.: “Impact of Introduction of Robotic Surgery on a Cardiothoracic Fellowship Program.” Accepted for oral presentation at the *Southern Thoracic Surgical Association Annual Meeting*, Orlando, FL, November 4-7, 2020. Cancelled due to COVID-19 pandemic.
142. Rozeboom, P.D., Dyas, A.R., Bronsert, M.B., Henderson, W.G., Colborn, K.L., Lambert-Kerzner, A., Hammermeister, K.E., McIntyre, R.C., **Meguid, R.A.**: “Accurate Preoperative Prediction of Need for Postoperative Intensive Care.” Oral presentation at the *Colorado Committee on Trauma Resident Research Competition*, Virtual, November 18, 2020.
143. **Meguid, R.A.**, Colborn, K.L.: “Automated Surveillance of Postoperative Infections (ASPIN)” Oral presentation at Department of Surgery Grand Rounds, Department of Surgery, University of Colorado School of Medicine, Aurora, CO, January 25, 2021.
144. **Meguid, R.A.**: “Examples of the use of clinical decision support tools to ensure high quality shared decision making and impact patient-reported outcomes.” Oral presentation at the *Society of Thoracic Surgeons Annual Meeting*, Virtual, January 30, 2021.
145. Rozeboom, P.D., Bronsert, M.B., Velopulos, C.G., Henderson, W.G., Colborn, K.L., Hammermeister, K.E., McIntyre, R.C., **Meguid, R.A.**: “New, Parsimonious Tool to Predict Outcomes in Emergency Surgery – Comparing SURPAS to ACS-SRC.” Oral presentation at the *16th Annual Academic Surgical Congress*, Virtual, February 3, 2021.
146. Dyas, A., Rozeboom, P.D., Bronsert, M.B., Henderson, W.G., Colborn, K.L., Lambert-Kerzner, A., Hammermeister, K.E., McIntyre, R.C., **Meguid, R.A.**: “Accurate Preoperative Prediction of Need for Postoperative Intensive Care.” Oral presentation at the *16th Annual Academic Surgical Congress*, Virtual, February 3, 2021.
147. **Meguid, R.A.**: “SURPAS - Surgical Risk Preoperative Assessment System.” Oral presentation at the *University of Colorado Cancer Center Research Forum*, March 8, 2021.

148. Dyas, A.R., Bronsert, M.R., **Meguid, R.A.**, Colborn, K.L., Lambert-Kerzner, A., Hammermeister, K.E., Rozeboom, P.D., Velopulos, C.G., Henderson, W.G.: "Using the Surgical Risk Preoperative Assessment System to Define the "High Risk" Surgical Patient." Oral presentation at the *Department of Surgery 8th Annual Research Symposium*, University of Colorado School of Medicine, Aurora, CO, May 24, 2021.
149. **Meguid, R.A.**: "Implementation of a Thoracic Enhanced Recovery After Surgery Protocol in a Diverse, Multi-Hospital Health System." Oral presentation at the *UCHealth Thoracic Joint Operating Committee Quarterly Meeting*, UCHealth, virtual, June 14, 2021.
150. **Meguid, R.A.**: "SURPAS - Surgical Risk Preoperative Assessment System." Oral presentation at the monthly *VASCC Vascular Surgery COVID-19 Collaborative national steering committee meeting*, Virtual, August 10, 2021.
151. Zhuang, Y., **Meguid, R.A.**, Henderson, W.G., Dyas, A.R., Colborn, K.L.: "Application of the Knockoff Filter to Select Models for Automated Surveillance of Postoperative Infections" Oral Presentation at the *2021 Joint Statistical Meetings*, Virtual, August 11, 2021.
152. Carmichael, H., Dyas, A.R., Bronsert, M.R., Stearns, D., Birnbaum, E., McIntyre, R.C., **Meguid, R.A.**, Velopulos, C.G.: "Social Vulnerability is Associated with Increased Morbidity Following Colorectal Surgery." Oral Presentation at the *Southwest Surgical Congress*, Maui, HI, September 2-5, 2021.
153. Dyas, A.R., Kelleher, A., Erickson, C., Voss, J., Cumbler, E., Lambert-Kerzner, A., Vizena, A., Robinson-Chavez, C., Kee, B., Barker, A., Fuller, M., Miller, S., McCabe, K., Cook, K., Mitchell, J.D., **Meguid, R.A.**: "Successful Development of a Universal Thoracic ERAS Protocol Across a Diverse Multi-Hospital Health System" E-poster Presentation at the *STS 17th Annual Perioperative and Critical Care Conference*, Virtual, September, 24-26, 2021.
154. Dyas, A.R., Bronsert, M.R., **Meguid, R.A.**, Colborn, K.L., Lambert-Kerzner, A., Hammermeister, K.E., Rozeboom, P.D., Velopulos, C.G., Henderson, W.G.: "Using the Surgical Risk Preoperative Assessment System to Define the "High Risk" Surgical Patient." E-poster presentation at the *Owen H. Wangenstein Scientific Forum of the American College of Surgeons' Clinical Congress*, Virtual, October, 23, 2021.
155. Carmichael, H., Bronsert, M.R., Dyas, A.R., Henderson, W.G., **Meguid, R.A.**, Velopulos, C.G.: "Social Vulnerability is Associated with Adverse Surgical Outcomes Even After Risk Adjustment." Oral presentation at the *Owen H. Wangenstein Scientific Forum of the American College of Surgeons' Clinical Congress*, Virtual, October 23, 2021.
156. Dyas, A.R., Carmichael, H., Bronsert, M.R., Henderson, W.G., Madsen, H.J., Colborn, K.L., Velopulos, C.G., **Meguid, R.A.**: "Integrating a Measure of Social Vulnerability into a Parsimonious Surgical Risk Calculator Does Not Improve Model Performance." E-poster presentation at the *Owen H. Wangenstein Scientific Forum of the American College of Surgeons' Clinical Congress*, Virtual, October 23, 2021.
157. Madsen, H.R., **Meguid, R.A.**, Bronsert, M.R., Dyas, A.R., Colborn, K.L., Lambert-Kerzner, A., Hammermeister, K.E., Henderson, W.G.: "Association of Preoperatively-Predicted Risk of Different Adverse Postoperative Outcomes in ACS-NSQIP Patients." E-poster presentation at the *Owen H. Wangenstein Scientific Forum of the American College of Surgeons' Clinical Congress*, Virtual, October 23, 2021.

158. **Meguid, R.A.:** “Surgical Updates in Lung Cancer Management.” Oral presentation at the *2021 Annual Comprehensive Lung and Breathing Summit*, Virtual, December 17, 2021.
159. **Meguid, R.A.:** “Modern Informed Consent.” Invited on-demand presentation at the *Society of Thoracic Surgeons 58th Annual Meeting*, Virtual, January 29–31, 2022.
160. Iguidbashian, J., King, R.W., Carroll, A., Cotton, J.L., Fullerton, D.A., **Meguid, R.A.**, Suarez-Pierre, A.: “Conditional Survival in Lung Transplantation: An OPTN Database Analysis.” Accepted for poster presentation at the *Society of Thoracic Surgeons 58th Annual Meeting*, Miami Beach, FL, January 29–31, 2022. Cancelled due to COVID-19 pandemic.
161. Wojcik, B.M., Gergen, A., Wilkinson, D., Lin, Y., Helmkamp, L.J., Reihman, A., Bang, T.J., Volker, E.E., Mitchell, J.D., Weyant, M.J., **Meguid, R.A.**, Scott, C.D.: “A comparison of short-term outcomes following robotic-assisted versus open transthoracic diaphragm plication in adults.” Accepted for poster presentation at the *Society of Thoracic Surgeons 58th Annual Meeting*, Miami Beach, FL, January 29–31, 2022. Cancelled due to COVID-19 pandemic.
162. Dyas, A.R., Henderson, W.G., Madsen, H.J., Bronsert, M.R., Colborn, K.L., Lambert-Kerzner, A., **Meguid, R.A.:** “Development of a Model to Predict Unplanned Admission After Outpatient Surgery.” Oral Presentation at the *17th Annual Academic Surgical Congress*, Orlando, FL, February 1-3, 2022.
163. Dyas, A.R., Zhuang, Y., **Meguid, R.A.**, Henderson, W.G., Bronsert, M.R., Colborn, K.L.: “Development and Validation of a Diagnostic Model for Postoperative Bleeding Complications Using Structured Electronic Health Records Data” Oral Presentation at the *17th Annual Academic Surgical Congress*, Orlando, FL, February 1-3, 2022.
164. Mason, E.M., Henderson, W.G., Bronsert, M.R., Colborn, K.L., Dyas, A.R., Madsen, H.J., Lambert-Kerzner, A., **Meguid, R.A.:** “Accurate Preoperative Prediction of 30-Day Unplanned Reoperation Using 8 Predictor Variables” Oral Presentation at the *17th Annual Academic Surgical Congress*, Orlando, FL, February 2, 2022.
165. Colborn, K.L., Winslow, J., Henderson, W.G., Bronsert, M.R., Zhuang, Y., Dyas, A.R., Madsen, H.J., Lambert-Kerzner, A., **Meguid, R.A.:** “Development of a Mobile Application for the Preoperative Assessment of Surgical Risk” Oral quick shot presentation at the *17th Annual Academic Surgical Congress*, Orlando, FL, February 3, 2022.
166. **Meguid, R.A.** & Colborn, K.L.: “Modeling of preoperative risk and postoperative detection of complications using administrative data and machine learning.” *Surgical Outcomes Club Annual Meeting*, Virtual, February 4, 2022.
167. **Meguid, R.A.:** “How to Select & Apply to a Thoracic Residency Program What Do Thoracic Surgery Residency Programs Look for in an Applicant?: Advice for Medical Students & Residents.” *Society of Thoracic Surgeons Looking to the Future*, Virtual, April 2, 2022.
168. Dyas, A.R., Dare Kelleher, A., Bata, K.E., Cumbler, E., Barker, A., McCabe, K.O., Randhawa, S., Mitchell, J.D., **Meguid, R.A.:** “Multidisciplinary Review Committee Oversight Improves Adherence to Newly-Implemented Thoracic ERAS Protocol.” Presented at the *UCHealth Patient Safety Conference*. Virtual, March, 2022.
169. Chauhan, A. Meguid, R.A.: “All That Glows Green Is Not Necessarily Great”: Critical Appraisal of Indocyanine Green (Icg) Perfusion Assessment During Robotic

- Esophagectomy.” e-Poster Presented at at the 2022 *SAGES Annual Meeting*, Denver, CO, March 16-19, 2022.
170. Madsen, H.J., Colborn, K.L., Henderson, W.G., Dyas, A.R., Bronsert, M.R., Lambert-Kerzner, A., **Meguid, R.A.**: “Surgical Outcomes in Obese Patients: A NSQIP Analysis” Presented at the *Southwestern Surgical Congress 73rd Annual Meetings*, Wigwam, AZ, April 24-27, 2022.
 171. Krefft, S.D., **Meguid, R.A.**, Rose, C.S.: “Improvement in ECAC after Tracheoplasty in a “War on Terror” Veteran following Afghanistan Deployment.” Presented at the *American Thoracic Society Annual Meeting*, San Francisco, CA, May 13-18, 2022.
 172. Iguidbashian, J., King, R.W., Carroll, A., Cotton, J.L., Fullerton, D.A., **Meguid, R.A.**, Suarez-Pierre, A.: “Conditional Survival in Lung Transplantation: An OPTN Database Analysis.” Oral presentation at the *Society of Asian Academic Surgeons Annual Meeting 2022*, Honolulu, HI, September 16-19, 2022.
 173. Dyas, A.R., Bronsert, M.R., Stuart, C., Schulick, R.D., McCarter, M., **Meguid, R.A.**: “Minimally Invasive Surgery Is Associated With Decreased Postoperative Complications After Esophagectomy.” Oral presentation at the *Society of Asian Academic Surgeons Annual Meeting 2022*, Honolulu, HI, September 16-19, 2022.
 174. Dyas, A.R., Dare Kelleher, A., Bata, K.E., Cumbler, E., Barker, A., McCabe, K.O., Randhawa, S., Mitchell, J.D., **Meguid, R.A.**: “Multidisciplinary Review Committee Oversight Improves Adherence to Newly-Implemented Thoracic ERAS Protocol.” Oral presentation at the *Owen H. Wangenstein American College of Surgeons Surgical Forum*, San Diego, CA, October 17, 2022.
 175. Madsen, H.J., Wojcik, B.M., Helmkamp, L., Dyas, A.R., Hunt, A., Gergen, A., Weyant, M.J., Mitchell, J.D., Scott, C.D., **Meguid, R.A.**: “Esophagogram Should be Performed to Diagnose Esophageal Perforation Prior to Transfer to Higher Level Care.” Oral presentation at the *Owen H. Wangenstein American College of Surgeons Surgical Forum*, San Diego, CA, October 18, 2022.
 176. Bronsert, M.R., Henderson, W.G., Colborn, K.L., Dyas, A.R., Madsen, H.J., Zhuang, Y., Lambert-Kerzner, A., **Meguid, R.A.**: “Effect Of Present-At-Time-Of-Surgery (PATOS) On Unadjusted And Risk-Adjusted Postoperative Complication Rates.” Oral Presentation at the *Owen H. Wangenstein American College of Surgeons Surgical Forum*, San Diego, CA, October 18, 2022.
 177. Madsen, H.J., Lambert-Kerzner, A., Mucharsky-O’Boyle, E., Gergen, A.K., Dyas, A.R., McCarter, M.R., Stewart, C., Chauhan, A.P., Mitchell, J.D., Randhawa, S., **Meguid, R.A.**: “Barriers and Facilitators in Implementation of a new Post-Operative Esophagectomy Care Pathway: A Qualitative Analysis” Oral presentation at the *Owen H. Wangenstein American College of Surgeons Surgical Forum*, San Diego, CA, October 18, 2022
 178. Hunt, A.R., Gergen, A.K., Helmkamp, L.J., Lin, Y., Mitchell, J.D., **Meguid, R.A.**, Wojcik, B.M.: “Long-term Patient Reported Symptom Improvement and Quality Of Life Following Transthoracic Diaphragm Plication In Adults.” Oral presentation at the *Owen H. Wangenstein American College of Surgeons Surgical Forum*, San Diego, CA, October 18, 2022
 179. Colborn, K.L., Zhuang, Y., Bronsert, M.R., Henderson, W.G., Dyas, A.R., Madsen, H.J., **Meguid, R.A.**: “Development and validation of models for preoperative risk of postoperative infections using electronic health records data.” Oral Presentation at the *Owen H. Wangenstein American College of Surgeons Surgical Forum*, San Diego, CA, October 19, 2022.

180. Dyas, A.R., Stuart, C., Wojcik, B.M., Bronsert, M.R., Scott, C.D., **Meguid, R.A.**: “Evaluating the Effect of a Thoracic Robotic Surgery Program on a Veteran’s Administration Hospital.” Submitted to the *Owen H. Wangenstein American College of Surgeons Surgical Forum*, San Diego, CA, October 17-20, 2022.
181. **Meguid, R.A.**: “Lung Volume Reduction Surgery: Who, When, How.” Invited presentation at *The 2022 Annual Comprehensive Lung and Breathing Summit*, Colorado Springs, CO, December 16, 2022.
182. **Meguid, R.A.**: “Robotic Approach to Lung Cancer Surgery.” Invited presentation at *The Intermountain Cardiovascular and Thoracic Surgery Symposium*, Park City, UT, January 13, 2023.
183. Alder, C.C., Bronsert, M.R., Colborn, K.L., Henderson, W.G., **Meguid, R.A.**: “Preoperative Variables and Postoperative Complications Associated with Outpatient Mortality.” Oral presentation at the *2023 Western Medical Research Conference*, Carmel, CA, January 19-21, 2023.
184. Phillips, J.D., Fay, K.A., Wakeam, E., Graham, N.J., Godfrey, C.M., Marmor, H., Grogan, E., **Meguid, R.A.**, Madsen, H.J., Yang, C.-F.J., Sachdeva, U.M., Wang, D., Hasson, R.M., Millington, T.M., Finley, D.J.: “Food Deserts Increase Readmission Following Tri-Modality Therapy for Esophageal Cancer: A Multi-Institutional Study” Oral presentation at the *Society of Thoracic Surgeons 59th Annual Meeting*, San Diego, CA, January 21-23, 2023.
185. Dyas, A.R., Henderson, W.G., Bronsert, M.R., Madsen, H.J., Colborn, K.L., Lambert-Kerzner, A., **Meguid, R.A.**: “Work Relative Value Unit’s Associations with Patient Preoperative Characteristics and Surgical Outcomes.” Oral presentation at the *18th Annual Academic Surgical Congress*, Houston, TX, February 9, 2023.
186. Dyas, A.R., Thomas, M.B., Bronsert, M.R., Madsen, H.J., Colborn, K.L., Henderson, W.G., David, E., Velopulos, C., **Meguid, R.A.**: “Emergency Thoracic Surgery Patients Have Worse Risk-Adjusted Outcomes Than Non-Emergency Patients.” Oral presentation at the *18th Annual Academic Surgical Congress*, Houston, TX, February 8, 2023.
187. Dyas, A.R., Colborn, K.L., Zhuang, Y., Bronsert, M.R., Henderson, W.G., **Meguid, R.A.**: “Estimation of Observed to Expected Postoperative Infection Ratios Using Electronic Health Record.” Oral presentation at the *18th Annual Academic Surgical Congress*, Houston, TX, February 7, 2023.
188. Myers, Q.W., Lamber-Kerzner, A., Colborn, K.L., Dyas, A.R., Henderson, W.G., **Meguid, R.A.**: “Surgeon Perspectives Regarding Development of Automated Surveillance of Postoperative Infections Tool.” Oral presentation at the *18th Annual Academic Surgical Congress*, Houston, TX, February 7, 2023.
189. Alder, C.C., Bronsert, M.R., Colborn, K.L., Henderson, W.G., **Meguid, R.A.**: “Preoperative Variables and Postoperative Complications Associated with Outpatient Mortality.” Oral presentation at the *18th Annual Academic Surgical Congress*, Houston, TX, February 8, 2023.
190. Stuart, C.M., Kirsch, M.J., Zhuang, Y., Meguid, C.L., Colborn, K.L., Del Chiaro, M., Schulick, R.D., **Meguid, R.A.**: “Pulmonary Metastasectomy is Associated with Survival After Lung-Only Recurrence in Pancreatic Cancer.” Oral presentation at the *18th Annual Academic Surgical Congress*, Houston, TX, February 9, 2023.
191. Mason, E.M., Henderson, W.G., Bronsert, M.R., Colborn, K.L., Dyas, A.R., Lambert-Kerzner, A., **Meguid, R.A.**: “Preoperative Prediction of Postoperative Length of Stay in a Broad

- Inpatient Surgical Population.” Oral presentation at the *18th Annual Academic Surgical Congress*, Houston, TX, February 8, 2023.
192. Stuart, C.M., Dyas, A.R., Bronsert, M.R., Abrams, B., Colborn, K.L., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**: “Perioperative Hypothermia in Thoracic Surgery: Identifying Opportunities for Early Intervention.” Poster presentation at the *General Thoracic Surgical Club Annual Meeting*, Duck Key, FL, March 9-12, 2023.
193. Dyas, A.R., Stuart, C.M., Fei, Y., Cotton, J.L., Colborn, K.L., **Meguid, R.A.**: “The Effect of Patient Preoperative Disposition on Changes in Medical Therapy After Diagnostic Lung Biopsy.” Poster presentation at the *General Thoracic Surgical Club Annual Meeting*, Duck Key, FL, March 9-12, 2023
194. Stuart, C.M., Dyas, A.R., Byers, S., Velopulos, C., Randhawa, S.K., David, E.A., Chauhan, A.P., Stewart, C.L., Mitchell J.D., McCarter, M.D., **Meguid, R.A.**: “Social Vulnerability is Associated with Increased Post-Operative Morbidity following Esophagectomy.” Oral presentation at the *General Thoracic Surgical Club Annual Meeting*, Duck Key, FL, March 9-12, 2023.
Recipient of Society of Thoracic Surgeons Scholarship Award for high scoring resident-first authored abstract.
195. Stuart, C.M., Dyas, A.R., Bronsert, M.R., Abrams, B., Colborn, K.L., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**: “Perioperative Hypothermia in Thoracic Surgery: Identifying Opportunities for Early Intervention.” Poster presentation at the *Virtual UCHHealth Patient Safety Conference*, Aurora, CO, March 16, 2023.
196. Stuart, C.M., Gergen, A.K., Byers, S., Vigneshwar, N., Johnson, J., Garduno, N., Marsh, M., Chauhan, A., Mitchell, J.D., **Meguid, R.A.**, David, E.A., Randhawa, S.K., McCarter, M.D., Stewart, C.L.: “Prospective Evaluation of a Universally Applied Laparoscopic Gastric Ischemic Preconditioning Protocol Prior to Esophagectomy with Comparison to Historical Controls.” Oral presentation at the *Society of Surgical Oncology Annual Meeting*, Boston, MA, March 22-25, 2023.
Recipient of Top-Rated Abstract Award
197. Dyas, A.R., Colborn, K.L., McCabe, K.O., Barker, A.R., Sack, K., Stuart, C.M., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**: “Patient Reported Outcomes After Anatomic Lung Resection: Do Patients Fully Recover Within Three Months?” Oral Presentation at the *American Association for Thoracic Surgery 103rd Annual Meeting*, Los Angeles, CA, May 6-9, 2023.
198. Dyas, A.R., Bronsert, M.R., Henderson, W.G., Stuart, C.M., Pradhan, N., Colborn, K.L., Cleveland, J.C., Jr., **Meguid, R.A.**: “A Comparison of the National Surgical Quality Improvement Program and the Society of Thoracic Surgery Cardiac Surgery Postoperative Risk Models.” Oral Presentation at the *American Association for Thoracic Surgery 103rd Annual Meeting*, Los Angeles, CA, May 6-9, 2023. C. Walton Lillehei Resident Competition Finalist.
199. Dyas, A.R., Zhuang, Y., **Meguid, R.A.**, Henderson, W.G., Madsen, H.J., Bronsert, M.R., Colborn, K.L.: “Development and Validation of a Model for Surveillance of Postoperative Bleeding Complications Using Structured Electronic Health Records Data.” Oral Presentation at the *9th Annual Department of Surgery Research Symposium*, University of Colorado School of Medicine, Aurora, CO, May 22, 2023.

200. Stuart, C.M., Dyas, A.R., Byers, S., Velopulos, C., Randhawa, S.K., David, E.A., Chauhan, A.P., Stewart, C.L., Mitchell J.D., McCarter, M.D., **Meguid, R.A.**: “Social Vulnerability is Associated with Increased Post-Operative Morbidity following Esophagectomy.” Oral Presentation at the *9th Annual Department of Surgery Research Symposium*, University of Colorado School of Medicine, Aurora, CO, May 22, 2023.
201. Stuart, C.M., Dyas, A.R., Byers, S., Velopulos, C., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**: “High Social Vulnerability is Associated with Increased Post-Operative Morbidity following Robotic-Assisted Lung Resection” Oral Presentation at the *Western Thoracic Surgical Association 49th Annual Meeting*, Coeur d'Alene, ID, June 22, 2023.
202. Stuart, C.M., Dyas, A.R., Bronsert, M.R., Abrams, B.A., Colborn, K.L., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**: “Incidental Perioperative Hypothermia is Associated with Increased Overall Morbidity and Infectious Complications in Robotic-Assisted Thoracoscopic Surgery ” Oral Presentation at the *Western Thoracic Surgical Association 49th Annual Meeting*, Coeur d'Alene, ID, June 23, 2023.
203. Cain, M.T., Park, S.P., Schafer, M., Randhawa, S.K., Mitchell, J.D., **Meguid, R.A.**, David, E.A., Cleveland, J. Jr, Reece, T.B., Gray, A., Hoffman, J.R.: “Early Institutional Experience of Lung Recovery Utilizing Thoracoabdominal Normothermic Regional Perfusion During Donation After Circulatory Death.” Oral Presentation at the *Western Thoracic Surgical Association Annual Meeting*, Coeur D'Alene, ID, June 24, 2023.
204. Stuart, C.M., Dyas, A.R., Bronsert, M.R., Abrams, B., Colborn, K.L., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**: “Perioperative Hypothermia in Thoracic Surgery: Identifying Opportunities for Early Intervention.” Poster presentation at the *American College of Surgeons Quality and Safety Conference*, Minneapolis, MN, July 14, 2023.
205. Dyas, A; Bronsert, M; Stuart, C; Mungo, A; Mitchell, J; Randhawa, S; David, E; Stewart, C; McCarter, M; **Meguid, R. A.**: Mungo, B.: “National Trends in Technique Utilization for Esophagectomy: Does Specialty Matter?” Poster presentation at the *International Society for Diseases of the Esophagus World Congress*, Toronto, Canada, September 8-10, 2023.
206. **Meguid, R.A.**: “Using NSQIP to improve the delivery of surgical care.” Oral presentation at the *6th Annual Architecture of High Value Health Care National Conference*, Baltimore, MD, October 12, 2023.
207. Stuart, C.M., Dyas, A.R., Byers, S., Velopulos, C., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Social Vulnerability is Associated with Post-Operative Morbidity following Robotic-Assisted Lung Resection,” Oral/poster presentation at the *Surgical Outcomes Club 2023 Annual Scientific Session*, Boston, MA, October 22, 2023.
208. Stuart, C.M., Bronsert, M.R., **Meguid, R.A.**, Dyas, A.R., Gleisner, A.L., Henderson, W.G.: “Evaluating the Deimplementation of Unnecessary Preoperative Laboratory Testing at the National Level” Oral Presentation at the *Owen H. Wangensteen American College of Surgeons Surgical Forum*, Boston, MA, October 25, 2023.
209. Dyas, A.R., Stuart, C.M., Fei, Y., Cotton, J.L., Colborn, K.L., Weyant, M.J., Mitchell, J.D., Scott, C.D., **Meguid, R.A.**: “Preoperative Intensive Care Use Confers Significant Morbidity and Mortality Risk After Diagnostic Lung Biopsy.” Poster Presentation at the *Southern Thoracic Surgical Association 70th Annual Meeting*, Orlando, FL, November 2-5, 2023.

210. Stuart, C.M., Dyas, A.R., Bronsert, M.R., Velopulos, C., Randhawa, S.K., David, E.A., Mitchell J.D., McCarter, M.D., **Meguid, R.A.**: “The Effect of Social Vulnerability on Stage at Presentation and Subsequent Therapy in Non-Small Cell Lung Cancer Patients.” Oral presentation at the *Southern Thoracic Surgical Association 70th Annual Meeting*, Orlando, FL, November 2-5, 2023.
2023 STSA Hawley H. Seiler Resident’s Award for the best scientific paper
211. Healy, G., Dyas, A.R., Bronsert, M.R., **Meguid, R.A.**, Stuart, C.M., Anioke, T., Henderson, W.G.: “Association of Postoperative Complications and Risk-Adjusted Increase in Postoperative Length of Stay in a Broad Surgical Population.” Oral presentation at the *Western Surgical Association 131st Scientific Session*, Dana Point, CA, November 2-5, 2023.
212. Dyas, A.R., Garofalo, D., Carmichael, H., Bronsert, M.R., Stuart, C.M., Colborn, K.L., Henderson, W.G., Christian, N., **Meguid, R.A.**, Velopulos, C.G.: “Patient Sociodemographic Status is Associated With Rates of Postoperative Complications After Breast Surgery” Poster presentation at the *Western Surgical Association 131st Scientific Session*, Dana Point, CA, November 2-5, 2023.
213. **Meguid, R.A.**: “Application of AI Methods for Risk Adjusted Identification of Postoperative Complications: Case Example from Colorado.” Invited oral presentation at *Augmented Ingenuity: AI for Patient Safety*, Salt Lake City, UT, November 7, 2023.
214. **Meguid, R.A.**: “Leveraging Institutional and National Data for Surgical Health Services Research.” Invited oral presentation at *Department of Surgery Research Seminar Series*, University of Colorado School of Medicine, Aurora, CO, November 17, 2023.
215. Anioke, T., Fei, Y., Stuart, C.M., Bronsert, M.R., Henderson, W.G., Healy, G., Dyas, A.R., Colborn, K.L., **Meguid, R.A.**: “Seasonality of Surgical Site Infections Across the UCHealth System: An Analysis of 352,074 Cases.” Poster presentation at the *University of Colorado School of Medicine Annual Research Forum*, December 5, 2023.
216. Healy, G., Dyas, A.R., Bronsert, M.R., **Meguid, R.A.**, Stuart, C.M., Anioke, T., Henderson, W.G.: “Association of Postoperative Complications and Risk-Adjusted Increase in Postoperative Length of Stay in a Broad Surgical Population.” Poster presentation at the *University of Colorado School of Medicine Annual Research Forum*, December 5, 2023.
217. Healy, G.L., Stuart, C.M., Dyas, A.R., Bronsert, M.R., **Meguid, R. A.**, Anioke, T., Schulick, R.D., Henderson, W.G.: “Association of Postoperative Complications with Attributable Increase in Postoperative Length of Stay in a Broad Surgical Population.” Poster presentation at the *Western Medical Research Conference*, Carmel, CA, January 18, 2024.
218. Anioke, T., Fei, Y., Colborn, K.L., Stuart, C.M., Bronsert, M.R., Henderson, W.G., Healy, G.L., Dyas, A.R., **Meguid, R. A.**: “Seasonality Of Surgical Site Infection Rates Across A Health System.” Poster presentation at the *Western Medical Research Conference*, Carmel, CA, January 18, 2024.
219. **Meguid, R.A.**: “Tracheal Stenosis: Update on Diagnosis and Management.” Invited oral presentation at *Annual Comprehensive Lung and Breathing Summit*. Colorado Springs, CO, January 18, 2024.
220. Thompson, K.P., Stuart, C.M., Bronsert, M.R., Henderson, W.G., **Meguid, R.A.**: “Analysis of Risk-Adjusted Surgical Outcomes in the ACS-NSQIP Demonstrates Improvements Over

- Time.” Oral quick shot at the *19th Annual Academic Surgical Congress*, Washington, D.C., February 8, 2024.
221. Stuart, C.M., Dyas, A.R., Bata, K., Bronsert, M.R., Kelleher, Erickson, C., Vizena, A.S., Henderson, W.G., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Strict Compliance to a Thoracic ERAS Protocol Improves Outcomes Compared to Partial Compliance.” Oral presentation at the *19th Annual Academic Surgical Congress*, Washington, D.C., February 8, 2024.
222. Stuart, C.M., Chanes, N., Dyas, A.R., Bronsert, M., Albuja Cruz, M.B., Raeburn, C.D., McIntyre Jr, R., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Robotic-Assisted Ectopic Mediastinal Parathyroidectomy: A Single Institution Experience and Diagnostic and Operative Review for the Thoracic Surgeon.” Poster presentation at the *General Thoracic Surgical Club 36th Annual Meeting*, Palm Springs, CA, March 14-17, 2024
223. Stuart, C.M., Bronsert, M., Dyas, A.R., Mott, N.M., Healy, G., Anioke, T., Henderson, W.G., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Preoperative Predictors of Risk-Adjusted Length of Stay Following Anatomic Lung Resection: A National Analysis of Over 30,000 Cases.” Poster presentation at the *General Thoracic Surgical Club 36th Annual Meeting*, Palm Springs, CA, March 14-17, 2024
224. Dyas, A.R., Stuart, C.M., Bronsert, M., Colborn, K., Henderson, W., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Postoperative Outcomes After Emergency Thoracic Surgery by Cardiothoracic Versus Non-Cardiothoracic Surgeons.” Poster presentation at the *General Thoracic Surgical Club 36th Annual Meeting*, Palm Springs, CA, March 14-17, 2024.
225. Stuart, C.M., Fei, Y., Schulick, R.D., Colborn, K.L., **Meguid, R.A.**: “Enhancing the National Cancer Database Content and Usability Using Contemporary Statistical Methods.” Oral presentation at the *Society of Surgical Oncology Annual Meeting*, March 20-23, 2024, Atlanta, GA.
226. Stuart, C.M., Dyas, A.R., Bronsert, M.R., Velopulos, C.G., Henderson, W.G., Schulick, R.D., **Meguid, R.A.**: “Social Vulnerability Is Associated with Increased Oncologic Stage and Differences in Treatment Amongst Cancers in the United States.” Poster presentation at the *Society of Surgical Oncology Annual Meeting*, March 20-23, 2024, Atlanta, GA.
227. Stuart, C.M., Mott, N.M., Dyas, A.R., Byers, S., Gergen, A.K., Mungo, B., Stewart, C.L., McCarter, M.A., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**: “The Effect of Laparoscopic Gastric Ischemic Preconditioning Prior to Esophagectomy on Anastomotic Stricture Rate: A Prospective Cohort Study.” Oral presentation at the *Society of Surgical Oncology Annual Meeting*, March 20-23, 2024, Atlanta, GA.
228. Park, S.Y., Bashian, E., Vigneshwar, N., David, E.A., Randhawa, S.K., **Meguid, R.A.**, Mitchell, J.D., Gray, A., Arrigain, S., Pomfret, E.A., Schold, J.D., Cain, M.T., Hoffman, J.R.H.: “Left Versus Right Paired Single Lung Donation: Analysis of Long-Term Outcomes and Mortality.” Oral presentation at the *International Society of Heart and Lung Transplantation*, Prague, Czech Republic April 10-13, 2024.
229. Stuart, C.M., Mott, N., Randhawa, S.K., Mitchell J.D., **Meguid, R.A.**, David, E.A.: “Female Representation Among Cardiothoracic Surgery Editorial Boards: Trends Over the Past Two Decades.” Poster Presentation at the *American Association for Thoracic Surgery Annual Conference*, Toronto, Canada, April 28, 2024.

230. Dyas, A.R., Stuart, C.M., Bata, K., Bronsert, M.R., Henderson, W.G., Kelleher, A.D., Barker, A., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Prophylaxis with Diltiazem Decreases Arrhythmia Rate When Compared to Beta Blocker After Lobectomy.” Oral Presentation at the *American Association for Thoracic Surgery Annual Conference*, Toronto, Canada, April 28, 2024. C. Walton Lillehei Resident Competition Finalist.
231. Stuart, C., Bronsert, M., Dyas, A.R., Healy, G., Henderson, W.G., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Risk-Adjusted Increases in Length of Stay by Complication Following Anatomic Lung Resection.” Oral presentation at the *European Society of Thoracic Surgery Annual Meeting*, Barcelona, Spain, May 27, 2024.
232. Stuart, C., Bronsert, M., Dyas, A.R., Rodriguez Franco, S., Gleisner, A.L., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Continued Implications of the COVID-19 Pandemic Environment on Non-Small Cell Lung Cancer Characteristics and Treatment in the United States.” Oral presentation at the *European Society of Thoracic Surgery Annual Meeting*, Barcelona, Spain, May 27, 2024.
233. Stuart, C., Dyas, A.R., Bronsert, M., Bata, K., Abrams, B.A., Kelleher, A., Vizena, A.S., Blum, M.G., Hoidal, K.E., Randhawa, S.K., David, E.A., Mitchell J.D., **Meguid, R.A.**: “Multimodal Analgesia And Care Based On ESTS/ERAS Guidelines Implemented Across A U.S. Healthcare System Are Associated With Risk-Adjusted Decreases In Opioid Utilization Following Anatomic Lung Resection.” Oral presentation at the *European Society of Thoracic Surgery Annual Meeting*, Barcelona, Spain, May 28, 2024.
234. Stuart, C., Dyas, A.R., Bronsert, M., Mungo, B., Randhawa, S.K., David, E.A., Mitchell J.D., McCarter, M.D., **Meguid, R.A.**: “Robotic-Assisted Minimally Invasive Esophagectomy is Independently Associated With Delay to Surgery and Subsequent Upstaging: A National Analysis Of 12,021 Cases.” Oral presentation at the *Western Thoracic Surgical Association Annual Meeting*, Vail, CO, June 24, 2024.
235. Anioke, T., Fei, Y., Colborn, K.L., Stuart, C.M., Bronsert, M.R., Henderson, W.G., Healy, G.L., Dyas, A.R., **Meguid, R. A.**: “Seasonality of Surgical Site Infections Across the UCHHealth System: An Analysis of 352,074 Operations.” Oral presentation at the *American College of Surgeons Quality and Safety Conference*, Denver, CO, July 18-22, 2024.
236. Healy, G.L., Stuart, C.M., Dyas, A.R., Bronsert, M.R., **Meguid, R.A.**, Anioke, T., Schulick, R.D., Henderson, W.G.: “Association of Postoperative Complications and Risk-Adjusted Increase in Postoperative Length of Stay in the NSQIP Surgical Population.” Oral presentation at the *American College of Surgeons Quality and Safety Conference*, Denver, CO, July 18-22, 2024.
237. Kadri, H., Colborn, K.L., Winslow, J., , Dyas, A.R., Henderson, W.G., Bronsert, M.R., Zhuang, Y., Fei, Y., Madsen, H.J., Lambert-Kerzner, A., Brooke, B.S., **Meguid, R.A.**: “Development of a Web Application for the Surgical Risk Preoperative Assessment System (SURPAS)” Oral presentation at the *American College of Surgeons Quality and Safety Conference*, Denver, CO, July 18-22, 2024.
238. Stuart, C., Bronsert, M., Mott, N.M., Rodriguez-Franco, S., Gleisner, A., Mungo, B., Randhawa, S.K., David, E.A., Mitchell J.D., McCarter, M.D., **Meguid, R.A.**: “Continued Implications of the COVID-19 Pandemic Environment on Esophageal Cancer Characteristics and Treatment in the United States.” Poster presentation at the *20th ISDE World Congress for Esophageal Diseases*, Edinburgh, Scotland, September 22-24, 2024.

239. Yee, E.J., Read, J., Thielen, O., Stuart, C.M., Ziogas, I., Olson, J., Kim, S., **Meguid, R.A.**, McCarter, M.M., Mungo, B.: "Oncologic Outcomes Following Induction Chemotherapy plus Chemoradiation versus Chemoradiation alone for Esophageal Cancer." Oral presentation at the *American College of Surgeons Surgical Forum*, San Francisco, CA, October 21, 2024.
240. Stuart, C.M., Mott, N.M., Mungo, A.H., Asher, Z., **Meguid, R.A.**, Dyrbye, L.N., David, E.A.: "Surgeons' spouses support career decision despite personal and family impact." Oral poster presentation at the *American College of Surgeons Surgical Forum*, San Francisco, CA, October 21, 2024.
241. Thielen, O.N., Byers, S., Stuart, C.M., Yee, E., Randhawa, S.K., David, E.A., Mitchell, J.D., **Meguid, R.A.**, McCarter, M.D., Mungo, B.: "The Effect of Adoption of Minimally Invasive Esophagectomy in the Age of the Obesity Epidemic." Oral presentation at the *American College of Surgeons Surgical Forum*, San Francisco, CA, October 21, 2024.
242. Stuart, C.M., Mott, N.M., Bronsert, M.R., Randhawa, S.K., David, E.A., Michell, J.D., **Meguid, R.A.**: "Sociodemographic Factors Are Associated With Significant Delays to Definitive Surgery for Stage IA-III A Non-Small Cell Lung Cancer & Consequential Increased Odds of 90-Day Mortality & Pathologic Upstaging." Oral quickshot presentation at the *71st Annual Meeting of the Southern Thoracic Surgical Association*, Austin, TX, November 9, 2024.
243. **Meguid, R.A.**: "Getting Involved with Thoracic Surgery Outcomes Research Network." Oral presentation at the *71st Annual Meeting of the Southern Thoracic Surgical Association*, Austin, TX, November 10, 2024.

Invited Moderation & Discussion:

1. Invited Moderator, Chronic Rejection session, *9th Vail Cardiothoracic Transplantation: An International Update*, Vail, CO, January 15, 2013.
2. Invited Moderator, Chronic Rejection session, *10th Vail Cardiothoracic Transplantation: An International Update*, Vail, CO, February 24, 2015.
3. Invited Discussant on Mollberg, N.M., et al: "Healthcare Utilization and Consequences of Readmission in the First Year Post Lung Transplantation." *Western Thoracic Surgical Association*, Whistler, British Columbia, Canada, June 25, 2015.
4. Invited Chair, Quality/ Prognosis/ Survival Mini Oral Session, *19th World Conference on Lung Cancer*, International Association for the Study of Lung Cancer, Denver, CO, September 7, 2015.
5. Invited Discussant on Panel: "Utilizing NSQIP Data to Drive QI for Thoracic Surgery." the *American College of Surgeons Clinical Congress*, Chicago, IL, October 6, 2015.
6. Invited Moderator, Integrated Quick Shot Presentations II: Outcomes/ Clinical: Oncology 4; The *Academic Surgical Congress*, Jacksonville, FL, February 4, 2016.
7. Invited oral and practical presentation: "Tube Thoracostomy," "Surgical Airway Management." *Humanitarian Surgical Skills Workshop*, University of Colorado School of Medicine, Aurora, CO, June 4-5, 2016.
8. Invited Discussant on Panel: "Does NED matter? Using 'curative' surgery or radiation techniques to treat 'incurable' advanced lung cancer." *Global Resource for Advancing Cancer*

- Education (GRACE): Targeted Therapies in Lung Cancer Patient Forum*, University of Colorado Hospital, Aurora, CO, August 20, 2016.
9. Invited Moderator, Clinical/Outcomes: Cardiothoracic Oral Session; *The Academic Surgical Congress*, Las Vegas, NV, February 9, 2017.
 10. Invited oral and practical presentation: "Tube Thoracostomy," "Surgical Airway Management." *Humanitarian Surgical Skills Workshop*, University of Colorado School of Medicine, Aurora, CO, June 3-4, 2017.
 11. Invited Discussant on Muñoz-Largacha, J.A., et al: "Initial Experience Following Implementation of Lung Cancer Screening at an Urban Safety Net Hospital." *Western Thoracic Surgical Association*, Colorado Springs, CO, June 21-24, 2017.
 12. Invited Moderator, Thoracic Surgery II session; the *Owen H. Wangensteen Scientific Forum of the American College of Surgeons' Clinical Congress*, San Diego, CA, October 25, 2017.
 13. Invited Discussant on Panel: "Thoracic Surgery Patient Management Update." the *American College of Surgeons Clinical Congress*, San Diego, CA, October 25, 2017.
 14. Invited Presentation: Meet-the-Expert Session: Management of Esophageal Perforations and Esophageal Leaks. the *American College of Surgeons Clinical Congress*, San Diego, CA, October 25, 2017.
 15. Invited oral and practical presentation: "Sternotomy," "Thoracentesis," "Tube Thoracostomy," "Surgical Airway Management." *Humanitarian Surgical Skills Workshop*, University of Colorado School of Medicine, Aurora, CO, May 12-13, 2018.
 16. Invited Discussant on Panel: Patient Panel. *15th Annual Thomas L. Petty, MD, Moving Mountains Conference*, Denver, CO, October 6, 2018.
 17. Invited Discussant: SF206 - Thoracic Surgery I: "Evaluating the National Impact of Regional Variation in General Thoracic Surgery Resource Utilization: An Analysis of 203,000 Surgeries," *Owen H. Wangensteen Scientific Forum of the American College of Surgeons' Clinical Congress*, Boston, MA, October 23, 2018.
 18. Invited Moderator: Plenary 2 Malignancy: Thoracic and ENT. *The 2018 Annual Comprehensive Lung and Breathing Summit*, Colorado Springs, CO, October 26th, 2018.
 19. Invited Moderator: "General Thoracic: Lung Cancer II," at *the Society of Thoracic Surgeons 55th Annual Meeting*, San Diego, CA, January 29, 2019.
 20. Invited oral and practical presentation: "Sternotomy," "Thoracentesis," "Tube Thoracostomy," "Surgical Airway Management." *Colorado Humanitarian Surgical Skills Workshop*, University of Colorado School of Medicine, Aurora, CO, April 4, 2019.
 21. Invited Discussant on Panel: "Why and How Surgeons Adopt Robotic-Assisted Surgery." *Western Thoracic Surgical Association Annual Meeting*, Lake Tahoe, CA, June 28, 2019.
 22. Invited Discussant: "The Impact of Adjuvant Therapy on Survival Following Surgery for Non-Small Cell Lung Cancer with Indeterminate Margins." *Western Thoracic Surgical Association Annual Meeting*, Lake Tahoe, CA, June 29, 2019.

23. Invited Discussant: "The ACS-NSQIP Surgical Risk Calculator Performs Well in Pulmonary Resection: A Validation Study." *Owen H. Wangenstein Scientific Forum of the American College of Surgeons' Clinical Congress*, San Francisco, CA, October 29, 2019.
24. Invited Moderator: "Thoracic Malignancy: Lung and Head and Neck." *The 2019 Annual Comprehensive Lung and Breathing Summit*, Colorado Springs, CO, November 22, 2019.
25. Invited Discussant: "COPD Case Scenarios." *The 2019 Annual Comprehensive Lung and Breathing Summit*, Colorado Springs, CO, November 22, 2019.
26. Invited Session Co-Director, Co-Moderator: "Cardiothoracic Health Services Research." *The Society of Thoracic Surgeons 56th Annual Meeting*, New Orleans, LA, January 27, 2020.
27. Invited Discussant: "Straying From Recommended Therapy To Include Surgery Into The Therapeutic Plan For T3N2 Non-Small Cell Lung Cancer Is Beneficial". *Western Thoracic Surgical Association Annual Meeting*, Vail, CO, June 25, 2020. Cancelled due to COVID-19 pandemic.
28. Moderator: *Second Annual Thoracic Surgery Outcomes Research Network (ThORN) International Scientific Meeting*, Virtual, June 16, 2020.
29. Invited Discussant: "Peroral endoscopic myotomy provides effective palliation in type III achalasia". *Second Annual Thoracic Surgery Outcomes Research Network (ThORN) International Scientific Meeting*, Virtual, June 16, 2020.
30. Invited Moderator: "Management of Thoracic and Cardiac Emergencies When a Cardiothoracic Surgeon is Not Available." *American College of Surgeons Clinical Congress 2020*, Virtual, October 6, 2020.
31. Invited Moderator: "Thoracic Malignancy: Lung and Head and Neck." *The 2020 Annual Comprehensive Lung and Breathing Summit*, Virtual, November 13, 2020.
32. Invited Panelist: "Patient-Reported Outcomes and Health Disparities in Lung Cancer Care." *Society of Thoracic Surgeons Annual Meeting*, Virtual, January 30, 2021.
33. Invited Moderator: "Asthma, Allergy & Sinus." *The 2021 Annual Comprehensive Lung and Breathing Summit*, Virtual, December 17, 2021.
34. Invited Panelist: "Ask the Experts: Thoracic Surgery Health Services Research: Today and Tomorrow." *Society of Thoracic Surgeons Annual Meeting*, Miami, FL, January 31, 2022. Cancelled due to COVID-19 pandemic.
35. Invited Panelist: "Predictive Analytics and Artificial Intelligence." *Surgical Outcomes Club Annual Meeting*, Virtual, February 4, 2022
36. Invited Panelist: "How to Select & Apply to a Thoracic Residency Program What Do Thoracic Surgery Residency Programs Look for in an Applicant?: Advice for Medical Students & Residents." *Society of Thoracic Surgeons Looking to the Future*, Virtual, April 2, 2022.
37. Invited Moderator: "PS228. Mobile Health Introduction and Update: mHealth and its impact on you and your patients." *Annual Clinical Congress, American College of Surgeons Annual Meeting*, San Diego, CA, October 16-20, 2022.

38. Invited Discussant on: "Impact of Hyperthermic Intrathoracic Chemotherapy (HITHOC) During Resection of Malignant Pleural Mesothelioma on Patient Survival." *Western Thoracic Surgical Association*, Kauai, HI, June 23, 2022.
39. Invited Discussant on: "Current Status of NIH Funding for Thoracic Surgeons in the United States: Beacon of Hope or Candle in the Wind?" *Western Thoracic Surgical Association*, Kauai, HI, June 25, 2022.
40. Invited Moderator: "Lung Malignancy." *The 2022 Annual Comprehensive Lung and Breathing Summit*, Virtual, December 15, 2022.
41. Invited Discussant on: "Operate Wisely Track" *6th Annual Architecture of High Value Health Care National Conference*, Baltimore, MD, October 12, 2023.
42. Invited Moderator: "Measuring and Addressing Social Risk Factors." *Surgical Outcomes Club Annual Meeting*, Boston, MA, October 22, 2023.
43. Invited Moderator: Poster Session. *Surgical Outcomes Club Annual Meeting*, Boston, MA, October 22, 2023.
44. Invited Moderator: "Use of Artificial Intelligence in Surgical Care." *Annual Clinical Congress, American College of Surgeons Annual Meeting*, Boston, MA, October 24, 2023.
45. Invited Panelist: "The Current State of Surgical and Procedural Safety," *Augmented Ingenuity: AI for Patient Safety*, Salt Lake City, UT, November 7, 2023.
46. Invited Panelist: "Complex Airways," *Annual Comprehensive Lung and Breathing Summit*. Colorado Springs, CO, January 18, 2024.
47. Moderator: "Session 77 - Clinical/Outcomes: Cardiothoracic Surgery Oral Session II," *19th Annual Academic Surgical Congress*, Washington, D.C., February 8, 2024.
48. Invited Moderator, Concurrent Forums II: General Thoracic; the *Western Thoracic Surgical Association*, Vail, CO, June 29, 2024.
49. Invited Moderator: "Success and Challenges Of a Career in Health Services Research" *Surgical Outcomes Club Annual Meeting*, San Francisco, CA, October 19, 2024.
50. Invited Moderator: Poster Session. *Surgical Outcomes Club Annual Meeting*, San Francisco, CA, October 19, 2024.
51. Invited Moderator, Interactive Mentoring Session for Residents and Junior Faculty; *Academic Surgical Congress*, Las Vegas, NV, February 13, 2025.

Educational Activities

Educational Materials Created:

Thoracic Surgery Curriculum, Joint Council of Thoracic Surgical Education
Benign lung conditions cardiothoracic resident education curriculum (2012 – Present)
<http://webbrain.com/brainpage/brain/4A8FEA33-71BC-90DC-7808-4292A8A6D1B4#-31>

Thoracic surgery patient care pathway handout for residents
University of Colorado School of Medicine

Thoracic surgery clinical curriculum for medical students
University of Colorado School of Medicine

Teaching Record:

Teaching Presentations:

2023

2021 – 2022 Robotic lung resection didactic, dry and wet lab
April 28, 2021; April 6, 2022, Center for Surgical Innovation, University of
Colorado School of Medicine, Aurora, CO

2021 – Present Open lung resection didactic and wet lab
April 7, 2021, September 2, 2022, Center for Surgical Innovation, University
of Colorado School of Medicine, Aurora, CO

2019 Rib fracture treatment didactic and wet lab
October 2, 2019, Center for Surgical Innovation, University of Colorado
School of Medicine, Aurora, CO

2019 – Present Core Curriculum Presentations, for General Surgery Residents, 2-year recurrent
curriculum
Thoracic Procedures & Surgical Approaches, presented July 29, 2019;
September 13, 2021
Mediastinal Masses & Diaphragmatic Hernias, presented October 11, 2021

2018 Rib fracture treatment didactic and wet lab
July 19, 2018, Center for Surgical Innovation, University of Colorado School
of Medicine, Aurora, CO

2017 Health education outreach to high school students
November 17, 2017: Discussed medical careers with ~20 students from
Central High School, Denver, CO

2015 – Present Colorado Humanitarian Surgical Skills Workshop, University of Colorado School of
Medicine, Aurora, CO
Annual presentations (cancelled 2020, 2021 due to COVID-19 pandemic)
Airway Management in the third world environment
Thoracentesis in the third world environment
Tube thoracostomy placement in the third world environment
Sternotomy in the third world environment

2021 – Present Looking to the Future, Society of Thoracic Surgeons

2014 – 2015 Mentoring program for residents and medical students
Applicant review committee

2012 – Present Cardiothoracic Residency Didactic Session
Weekly faculty support & discussion of topics from ABTS curriculum

Department of Surgery, University of Colorado School of Medicine, Aurora,
CO

- 2012 – Present Educational Presentations Delivered as Faculty, Division of Cardiothoracic Surgery, Department of Surgery, University of Colorado School of Medicine, Aurora, CO:
- “Thymoma and Thymectomy” Thoracic Surgery Curriculum, September 12, 2012
 - “How to Prepare for Residency Interviews & How to Rank Residency Programs.” University of Colorado SOM Surgery Interest Group, October 29, 2012
 - “Thoracic Outlet Syndrome” Thoracic Surgery Curriculum, November 7, 2012
 - “Post-Operative Care of the Thoracic Surgery Patient” Denver VA Critical Care Nursing Curriculum, December 7, 2012
 - “General Aspects of Common Thoracic Operations” University of Colorado Hospital Nursing Thoracic Surgery Seminar, April 1, 2013
 - “Preparing for and Succeeding in Sub-Internships.” University of Colorado SOM Surgery Interest Group, April 24, 2013
 - “Chest Wall Reconstruction” Thoracic Surgery Curriculum, May 22, 2013
 - “Mediastinoscopy” Radiation Oncology Residency Curriculum, September 5, 2013
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, September 30, 2013
 - “Mediastinum, Thymus & Thymectomy” General Surgery Residency Curriculum, Oct 17, 2013
 - “Mediastinal Tumors, the Thymus & Thymectomy” Otolaryngology, Head & Neck Surgery Residency Curriculum, Jan 2, 2014
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, April 7, 2014
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, September 15, 2014
 - “Post-Operative Care of the Thoracic Surgery Patient” Denver VA Critical Care Nursing Curriculum, October 2, 2014
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, April 20, 2015
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, August 22, 2016
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, April 24, 2017
 - “Quality Improvement” University of Colorado School of Medicine Surgical Residency Curriculum lecture, June 26, 2017
 - “Thoracic Procedures & Surgical Approaches” University of Colorado School of Medicine Surgical Residency Curriculum lecture, July 31, 2017
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, October 9, 2017
 - “General Aspects of Common Thoracic Procedures” University of Colorado Hospital Nursing Thoracic Surgery Seminar, September 24, 2018
 - “Thoracic Procedures and Surgical Approaches” University of Colorado School of Medicine Surgical Residency Curriculum lecture, July 29, 2019
 - “Update on Surgical Management of Lung Cancer” Radiation Oncology Residency Curriculum, March 30, 2021
 - “Mediastinal Masses & Diaphragmatic Hernias” University of Colorado School of Medicine Surgical Residency Curriculum lecture, April 24, 2023
 - “Mediastinal Masses & Diaphragmatic Hernias” University of Colorado School of Medicine Surgical Residency Curriculum lecture, March 25, 2024
- 2010–2012 Educational Presentations Delivered during Cardiothoracic Residency: 22

Division of Cardiothoracic Surgery, Department of Surgery, University of Washington School of Medicine, Seattle, WA

Teaching Positions:

- 2017 – Present General Surgery Core Teaching Curriculum, Thoracic Section Leader, University of Colorado School of Medicine, Aurora, CO
Organize 5 annual general surgery residency lectures on thoracic surgery
- 2012 – Present Preceptor, Foundations on Doctoring, University of Colorado School of Medicine, Aurora, CO
Students:
Laura Scrimgeour, BA 2012 – 2014
Daniel Paz de Araujo, BS, 2016 – 2018
- 2007–2008 Teaching Assistant
Surgical Skills Lab for Medical Student Surgical Clinical Rotation
Johns Hopkins University, School of Medicine, Baltimore, MD
- 1999–2002 Teaching Assistant
International Health and Medicine Affinity Group
Brown University, School of Medicine, Providence, RI
- 1999 Teaching Assistant
“So You Think You Want to be a Doctor, An Introduction to Medicine”
Summer course for high school students, taught by Dr. P. Holomann,
Brown Office of Summer Programs, Brown University, Providence, RI
- 1999 Teaching Assistant
“The Brain, The Mind, The Surgeon”
Summer course for high school students, taught by Dr. C. Duhaime,
Brown Office of Summer Programs, Brown University, Providence, RI
- 1994–1996 Meikeljohn Advisor
Advisor to undergraduate P.L.M.E. students
Brown University, Providence, RI
- 1993 Teaching Assistant
Science Horizons “the Bristol-Myers Squibb Summer
Science Adventure” for 8th grade students
Syracuse University, Syracuse, NY

Mentoring:

1. Joshua T. Taylor, BS, Johns Hopkins University, School of Medicine, Class of 2010. Analysis of survival after neoadjuvant chemoradiation and surgery for esophageal cancer. Served as research supervisor and mentor (2006-2008).
2. Nan Zhu, BA, Johns Hopkins University, School of Medicine, Class of 2011. Analysis of non-small cell lung cancer outcomes by race. Served as research supervisor and mentor (2007-2008).

3. Florence J. Wu, BS, Johns Hopkins University, School of Medicine, Class of 2010. Analysis of outcomes of elderly patients with esophageal cancer. Served as research supervisor and mentor (2007-2008).
4. Joani Christensen, BS, Johns Hopkins University, School of Medicine, Class of 2011. Analysis of survival from non-small cell lung cancer by smoking status. Served as research supervisor and mentor (2008-2010).
5. Solange Cox, BS, Johns Hopkins University, School of Medicine, Class of 2011. Analysis of survival from non-small cell lung cancer by smoking status. Served as research supervisor and mentor (2008-2010).
6. Paniotas N. Vardas, MBBS, Surgical resident, University of Washington School of Medicine; Integrated 6-year cardiothoracic surgery resident, Indiana University, Indianapolis, IN. ad hoc mentor. (2011 - 2017). Adult cardiac surgeon, University of Alabama, Birmingham, AL, 2017 – Present.
7. University of Colorado School of Medicine Surgery Interest Group. Student mentor (2012 - 2015).
8. Laura Scrimgeour, BA, University of Colorado School of Medicine, Class of 2014. Foundations of Doctoring longitudinal course; ad hoc faculty mentor. (2012 - 2014). Categorical General Surgery Residency, Brown University School of Medicine, 2014 – 2021; Cardiothoracic surgery resident, UCSF, 2021 – Present.
9. Jacob Nacht, BA, University of Colorado School of Medicine, Class of 2014; ad hoc faculty mentor. (2012 - 2014) Emergency Medicine Residency, Denver Health Hospital, 2014 – 2018. Attending emergency medicine physician, Denver Health Hospital, 2018 – Present.
10. John Stringham, MD, University of Colorado School of Medicine, Surgical resident. Ad hoc faculty mentor. (2013 – 2015). Thoracic Residency (Cardiothoracic Fellowship), University of Virginia, 2015 – 2017. Faculty, University of Utah, 2017 – Present.
11. Sara Materazzi, MD, University of Colorado School of Medicine, Surgical resident. Faculty mentor. (2013 – 2015). General surgery practice (2015 – Present)
12. Yihan Lin, MD, MPH, University of Colorado School of Medicine, Surgical resident. Faculty mentor. (2015 – 2019); Ad hoc faculty mentor (2013 – 2015, 2018 – 2019). Rwanda via the Paul Farmer Foundation 2015 – 2017; Harvard School of Public Health Master of Public Health program 2016 – 2017. Cardiothoracic surgery fellowship, University of Colorado, 2019 – 2022. Faculty, Adult Cardiac Surgery, Stanford University, Palo Alto, CA
13. Irfan Qureshi, MD, University of Colorado School of Medicine, Surgical resident. Faculty mentor. (2015 – 2017). Critical Care fellowship, University of Ohio, 2017 – 2018. Faculty, Department of Surgery, University of Ohio, 2018 – Present.
14. David Sprunger, MD, University of Colorado School of Medicine, Surgical resident. Faculty mentor. (2015 – 2020)
15. Rohun Bhagat, University of Rochester, Undergraduate & Medical student. Research mentor; ad hoc career mentor (2015 – Present); University of Rochester Medical School, 2018 – 2022. Integrated 6-year Cardiothoracic Surgery Residency, Cleveland Clinic, 2022 – Present.

16. Howe Qiu, BS, University of Colorado School of Medicine, Class of 2019; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2015 – 2019)
17. Daniel Paz de Araujo, BS, University of Colorado School of Medicine, Class of 2019; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2015 – 2019); Foundations of Doctoring longitudinal course (2016 – 2018). General internship, St Joseph Hospital, Denver, CO, 2019 – 2020; Anesthesiology residency, University of Colorado School of Medicine, 2020 - Present
18. Kirsten A. Freeman, MD, University of Colorado School of Medicine, Surgical resident. Ad hoc faculty mentor. (2015 – 2016). Cardiothoracic Surgery Residency, University of Florida, 2017-2020; Cardiac Surgery faculty, University of Florida Gainesville, 2020 – Present.
19. Davis Aasen, BS, University of Colorado School of Medicine, Class of 2020; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2016 – 2020). Otolaryngology residency, University of Connecticut, 2020 – Present.
20. Douglas M. Overbey, MD MPH, University of Colorado School of Medicine, Surgical resident. Ad hoc faculty mentor. (2017 – 2019). Cardiothoracic surgery residency, Duke University, 2019 – 2022.
21. Brett M. Wiesen, BA, University of Colorado School of Medicine, Class of 2021; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2017 – 2021). Urology residency, University of Colorado School of Medicine, 2021 – Present.
22. Abhinav Singh, MD, University of Colorado School of Medicine, Surgical resident. Research mentor. (2018 – 2019), ad hoc faculty mentor (2018 – Present). Categorical General Surgery residency, University of Colorado School of Medicine, 2019 – 2022; Surgical critical care fellowship, University of Colorado School of Medicine, 2022 – Present.
23. Nicholas J. Mason, BS, University of Colorado School of Medicine, Class of 2022; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2018 – 2022). Categorical General Surgery residency, Sunshine State Collaborative of Hospitals,
24. Nisha Pradhan, BS, University of Colorado School of Medicine, Class of 2022; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2018 – 2022). Internship, St Joseph Hospital, Denver, CO; Radiology residency, University of North Carolina, 2023.
25. Paul D. Rozeboom, MD, University of Colorado School of Medicine, Surgical resident. Research mentor. (2019 – 2020), ad hoc faculty mentor (2020 – Present). Categorical General Surgery residency, University of Colorado School of Medicine, 2020 – Present.
26. Adam R. Dyas, MD, University of Colorado School of Medicine, Surgical resident. Research mentor. (2020 – 2023). Categorical General Surgery residency, University of Colorado School of Medicine, 2018 – Present.
27. Helen Madsen, MD, University of Colorado School of Medicine, Surgical resident. Research mentor. (2021 – 2022). Categorical General Surgery residency, University of Colorado School of Medicine, 2018 – 2022; Anesthesiology residency, University of Colorado School of Medicine, 2022 – Present.

28. James Winslow, BS, Colorado School of Public Health, Master of Public Health student. (2021 – 2022).
29. Ellison Mucharsky-O'Boyle, high school student, Denver, CO. Research mentor. (2021 – Present). Undergraduate student, Brown University, 2022 – Present.
30. Christina M. Stuart, MD, University of Colorado School of Medicine, Surgical resident. Research mentor. (2022 – 2024). Categorical General Surgery residency, University of Colorado School of Medicine, 2020 – Present.
31. Katherine P. Thompson, MPH, University of Colorado School of Medicine, Class of 2025; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2021 – 2023).
32. Emily S. Mason, BS. Colorado School of Public Health, Master of Public Health student. (2021 – 2023).
33. Catherine Alder, BS, University of Colorado School of Medicine, Class of 2025; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2022 – 2023).
34. Garrett Healy, BS, University of Colorado School of Medicine, Class of 2026; Research mentor, School of Medicine Mentored Scholarly Activity (2022 – Present)
35. Tochi Anioke, BS, University of Colorado School of Medicine, Class of 2026; Research mentor, School of Medicine Mentored Scholarly Activity (2022 – Present)
36. Haaris Kadri, BS, University of Colorado School of Medicine, Class of 2026; Research mentor, School of Medicine Mentored Scholarly Activity (2023 – Present)
37. Michaela Zubkov, MD, University of Colorado School of Medicine, Surgical resident. Research mentor. (2024 – Present). Categorical General Surgery residency, University of Colorado School of Medicine, 2021 – Present.

Cardiothoracic Fellows Trained:

1. David C. Mauchley, MD, University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2012 – 2015)
Congenital Cardiac Surgical Residency, University of Colorado School of Medicine, 2015 – 2016; Assistant Professor of Surgery, University of Alabama, Birmingham, AL, 2016 – 2018; Assistant Professor of Surgery, University of Washington/ Seattle Children's Hospital, Seattle, WA, 2018 – Present.
2. Justin G. Reeves, MD, University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2013 – 2016)
Cardiothoracic Surgeon, St. Mary's Hospital, Spokane, WA, 2016 – Present.
3. Ryan Shelstad, MD, University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2013 – 2016)
Cardiothoracic Surgeon, Lincoln, NE, 2016 – Present.
4. Edward Bergeron, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2014 – 2017)
Cardiothoracic Surgeon, Traverse City, MI, 2017 – Present.

5. Giorgio Zanotti, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2014 – 2017)
Cardiothoracic Surgeon, Indianapolis, IN, 2017 – Present.
6. Charles Cole, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2015 – 2018)
Cardiothoracic Surgeon, Fayetteville, AR, 2018 – Present.
7. Brendan Dewan, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2015 – 2018)
Cardiothoracic Surgeon, Austin, TX, 2018 – Present.
8. Jordan Hoffman, MD MPH University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2016 – 2019)
Assistant Professor, Cardiac Surgeon, Vanderbilt University, Nashville, TN, 2019 – 2022; University of Colorado, Aurora, CO, 2022 – Present.
9. Marshall Bell, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2016 – 2019)
Cardiothoracic Surgeon, Oklahoma City, OK, 2019 – Present.
10. Andrew Mesher, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2017 – 2020)
Cardiothoracic Surgeon, Boise, ID, 2020 – Present.
11. Christopher Holley, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2017 – 2020)
Cardiothoracic Surgeon, Minneapolis, MN, 2020 – Present.
12. Neil Venardos, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2018 – 2021)
Congenital Cardiac Surgical Residency, University of Colorado School of Medicine, 2021 – Present.
13. Vicente Valero, MD MPH University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2018 – 2021)
Cardiothoracic Surgeon, Tulane University School of Medicine, New Orleans, LA, 2021 – Present.
14. Yihan Lin, MD MPH University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2019 – 2022)
Assistant Professor, Cardiac Surgeon, University of California San Francisco, San Francisco, CA, 2022 – Present.
15. Brandon Wojcik, MD MPH University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2019 – 2022)
Cardiothoracic Surgeon, Traverse City, MI, 2017 – Present.
16. Lauren Taylor, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2020 – 2023)
Thoracic Surgeon, Medical College of Virginia, 2023 – Present.

17. Michael Cane, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2020 – 2023)
Cardiac Surgeon, University of Colorado School of Medicine, 2023 – Present.
18. Mohamed Eldeiry, MD University of Colorado School of Medicine, Thoracic resident. Ad hoc faculty mentor. (2021 – 2024)
Cardiac Surgeon, University of Washington School of Medicine, 2025 – Present.

General Surgery Chief Residents Trained:

2012-13 Matthew Fox; Jeffrey Harr; Edward Jones; Teresa Jones; Phillip Smith; Emily Speer; Seth TeBockhorst; Max Wohlaer

2013-14 Megan Anderson; Charles Eisenhauer; Dawn Fevurly; Karen Lo; Jessica Rove; John Stringham; Lauren Wilson

2014-15 Marshall Bell; Akshay Chauhan; Theresa Chin; Kirsten Freeman; Nicole Nadlonek; Christopher Ramos; Amy Reppert

2015-16 Shannon Acker; Daine Bennett; Mary Carr; Lisa Foley; Eduardo Gonzalez; Zachary Hartman; Alessandro Paniccia; Sarah Soule; Camille Stewart; Jeniann Yi

2016-17 Kenneth Howell; Shelly Wilson; Neil Venardos; Alex Morton; Douglas Hirth; Aidan Hamm; Nicole Townsend Christian; Aline Rau; Mara Additon

2017-18 Teralyn Carter; Douglas Overbey; Yihan Lin; Kweku Hazel; Anthony Bacon; Brandon Chapman; Scott Deeney; Logan McKenna; Hunter Moore

2018-19 David Sprunger; Peter Einersen; Alicia Heelan Gladden; Daniel VanDerPloeg; Bradley Wallace; John Frankel; Eliza Moskowitz; Benedetto Mungo; Oliver Fackelmayer; Samuel Michel

2019-20 Kaitlin McLoughlin; Christina Kim; Maggie Hodges; Stephanie Davis; Mohamed Eldeiry; Patrick Kohtz; Lindel Dewberry, Chiara Croce; Sarah Hilton; Geoffrey Nuns; Gregory Stettler

2020-21 Mackenzie Shindorf; Abhinav Singh; Joshua Sumislawski; Alison Halpern; Jessicah Hard-Respicio; Jason Samuels; Rashikh Choudhury; Caitlyn McCall; Julia Coleman

2021-22 Matthew Winn; Kiran Dyamenahalli; Christian Ghincea; Navin Vigneshwar; Matthew Bartley; Robert Torphy; Allana White; Paul Rozeboom; Alexis Kovar

2022-23 Heather Carmichael; Cenea Kemp; Ana Gergen; Amanda Louiselle; Tori Huynh; Felix Ho; Piyush Sharma

2023-24 Alejandro Suarez-Pierre; Janet Lee; Shahyan Bakhtiyar;

2024-25 Otto Thielen;

Mentored Scholarly Activity (MSA) & Research Track Program Participation, University of Colorado School of Medicine

2022 Judge, Annual Capstone Presentations

MSA & Research Track students mentored:

1. Howe Qiu, BS, University of Colorado School of Medicine, Class of 2019; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2015 – 2019)
2. Daniel Paz de Araujo, BS, University of Colorado School of Medicine, Class of 2019; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2015 – 2019)
3. Davis Aasen, BS, University of Colorado School of Medicine, Class of 2020; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2016 – 2020)
4. Brett M. Wiesen, BA, University of Colorado School of Medicine, Class of 2021; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2017 – 2021)
5. Nicholas J. Mason, BS, University of Colorado School of Medicine, Class of 2022; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2018 – 2022)
6. Nisha Pradhan, BS, University of Colorado School of Medicine, Class of 2022; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2018 – 2022)
7. Katherine P. Thompson, MPH, University of Colorado School of Medicine, Class of 2025; Research mentor, School of Medicine Mentored Scholarly Activity Research Track (2021 – Present)
8. Catherine Alder, BS, University of Colorado School of Medicine, Class of 2025; Research mentor, School of Medicine Mentored Scholarly Activity (2022 – Present)
9. Garrett Healy, BS, University of Colorado School of Medicine, Class of 2026; Research mentor, School of Medicine Mentored Scholarly Activity (2022 – Present)
10. Tochi Anioke, BS, University of Colorado School of Medicine, Class of 2026; Research mentor, School of Medicine Mentored Scholarly Activity (2022 – Present)
11. Haaris Kadri, BS, University of Colorado School of Medicine, Class of 2026; Research mentor, School of Medicine Mentored Scholarly Activity (2023 – Present)

Graduate Student Dissertation Committees:

1. Yaxu Zhuang, PhD Dissertation Committee, 2022 – 2023.

Patient Care Educational Activities:

Surgical Risk Preoperative Assessment System (SURPAS) Clinical Decision Support tool (2013 – Present).

<http://SURPAS.net/>

Thoracic Surgery Patient Education Website (2014 – 2018)

<https://www.doctella.com/meguid> - now deactivated

Pectus Excavatum Education Videos (2019)

<https://www.youtube.com/watch?v=RypIpuQMcsw>

<https://www.youtube.com/watch?v=eWjB4iSop0A>

University of Colorado Hospital Esophageal surgery preoperative patient handouts development

University of Colorado Hospital Esophageal surgery postoperative care pathway development

University of Colorado Hospital Chest wall surgery postoperative care pathway development
University of Colorado Hospital Thoracic Surgery Patient Management pathway trainee handout
University of Colorado Hospital Lung and Heart Donor Procurement Protocol resident handout

Additional Information:

Robert A. Meguid, MD MPH FACS

<https://som.cuanschutz.edu/Profiles/Faculty/Profile/20644>

Chest Wall Disease Management Clinic

<https://medschool.cuanschutz.edu/surgery/divisions-centers-affiliates/cardiothoracic/chest-wall-disease-management-clinic>

Surgical Outcomes and Applied Research

<https://medschool.cuanschutz.edu/surgery/research/soar>

Surgical Risk Preoperative Assessment System

<http://www.surpas.net>

<https://surpas.agilemd.com/>