

Curriculum Vitae

Jennifer A. Leinicke, M.D., M.P.H.S.

Assistant Professor of Surgery

University of Nebraska College of Medicine

Department of Surgery

983280 Nebraska Medical Center

Omaha, NE 68198-3280

Telephone: (402) 559-6592

Email: Jennifer.leinicke@unmc.edu

EDUCATION

Undergraduate:

Washington University in Saint Louis, Saint Louis, Missouri
August 1999 - May 2003, Honors Bachelor of Arts, Biology and
Philosophy/Neuroscience/Psychology (PNP)

Medical School:

University of Miami Miller School of Medicine, Miami, Florida
August 2003 - May 2007, Doctor of Medicine

Masters:

Washington University School of Medicine, Saint Louis, Missouri
August 2011- May 2012, Master of Population Health Science

Post-Graduate Training:

General Surgery Residency

Barnes-Jewish Hospital/Washington University School of Medicine, Saint Louis, Missouri
July 2007 - June 2009, Intern and Resident
July 2009 - June 2012, Research Fellow
December 2012 - December 2014, Resident
December 2014 - December 2015, Chief Resident

Fellowship Training:

Colon and Rectal Surgery

University Hospitals, Cleveland Medical Center/Case Western Reserve University
Cleveland, OH
August 2016 - July 2017 (Fellowship Director: Sharon Stein, MD, FACS, FASCRS)

ACADEMIC APPOINTMENTS

- September 2017 - Present: Assistant Professor of Surgery
Department of Surgery
University of Nebraska College of Medicine
Omaha, Nebraska
- January 2016 - July 2016 Instructor in Surgery
Department of Surgery, Section of Acute and Critical Care Surgery
Washington University School of Medicine
Saint Louis, Missouri

CERTIFICATIONS

Board Certification:

2016 - 2026 American Board of Surgery, Certificate #062169

Other Courses and Certifications:

Advanced Cardiac Life Support, American Heart Association

Advanced Trauma Life Support, Instructor, American College of Surgeons

Fundamentals of Laparoscopic Surgery, Society of American Gastrointestinal and Endoscopic Surgeons // American College of Surgeons

DaVinci Multiport Console Surgeon Training, Intuitive Surgical, Atlanta

MEDICAL LICENSURE

- 2017 - Present Medical License, Physician, Nebraska, License #29987
- 2009 - Present Medical License, Physician, Missouri State Board of Registration for the Healing Arts, #2009010829
- 2016 - 2017 Training License, State Medical Board of Ohio #57.027762

OTHER APPOINTMENTS:

Clinical Appointments:

- 2017 - Present Attending Surgeon
University of Nebraska Medical Center
Omaha, Nebraska

2016 Attending Surgeon
Barnes-Jewish Hospital
Saint Louis, Missouri

ADMINISTRATIVE ASSIGNMENTS

Mentoring, & Leadership:

2017 Faculty Examiner, Creighton University/UNMC general surgery mock orals

2011 - 2012 Resident Representative, General Surgery Resident Education Committee
Washington University School of Medicine
Saint Louis, Missouri

2011 - 2012 Administrative Lab Resident
Washington University School of Medicine
Saint Louis, Missouri

Institutional Committees:

2016 - 2017 Member, High Reliability Medicine Committee
University Hospitals Cleveland Medical Center
Cleveland, Ohio

2015-2016 Member, Enhanced Recovery and Infection Prevention Committee
Barnes-Jewish Hospital
Saint Louis, Missouri

HONORS AND AWARDS:

2014 AAST Research and Education Foundation Scholarship

2012 1st Place, Clinical Research, Region VII Meeting of the American College of Surgeons Committee on Trauma, Kansas City, MO

2012 1st Place, Clinical Research, Resident Trauma Paper Competition, Missouri Chapter, American College of Surgeons, Committee on Trauma

2011-2012 Barnes-Jewish Hospital Institute of Public Health Scholarship

2011 SSAT Plenary Award in Basic Science at the Residents and Fellows Conference, Digestive Diseases Week

2010, 2011 Resident Teaching Awards, Washington University School of Medicine

MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

American Society of Colon and Rectal Surgeons

American College of Surgeons

Association of Women Surgeons

The Society for Surgery of the Alimentary Tract

PRESENTATIONS

National and Regional Podium Presentations

1. **Leinicke JA**, Elmore L, Freeman BD. Operative Management of Rib Fractures in the Setting of Flail Chest: A Systematic Review and Meta-Analysis. Region VII Meeting of the American College of Surgeons Committee on Trauma, Kansas City, MO. 2016
2. **Leinicke JA**, Longshore S, Wakeman D, Guo J, Warner BW. Regulation of Retinoblastoma Protein (Rb) by p21 is Critical for Adaptation to Massive Small Bowel Resection. Digestive Diseases Week SSAT plenary session, Chicago IL, 2011
3. **Leinicke JA**, Longshore S, Wakeman D, Guo J, Warner BW. Retinoblastoma Protein (pRb) Is Indispensable for Adaptation to Massive Small Bowel Resection. Academic Surgical Congress, Huntington Beach, CA, 2011
4. Hitch MC, **Leinicke JA**, Guo J, Erwin C, Heuckeroth RO, Warner BW. Genetically-Altered Enteric Nervous System Results in an Amplified Adaptation Response to Massive Small Bowel Resection. Abstract, Digestive Diseases Week, Chicago IL, 2011

Abstracts/Poster Presentations:

1. Leinicke JA, Brady JT, Steele SR, Stein S, Steinhagen E. Are All Conversions the Same? Results of Laparoscopic Conversions for Rectal Cancer. American Society of Colon and Rectal Surgeons Annual Meeting, Seattle, WA, 2017
2. Wakeman D, Guo J, Santos JA, Schneider JE, **Leinicke JA**, Erwin CR, Warner BW. Intestinal Resection-Induced Enterocyte Apoptosis is Mediated by p38 α MAPK-directed Activation of Bax. Digestive Diseases Week, Chicago IL, 2011
3. Wakeman D, **Leinicke JA**, McMellen ME, Guo J, Erwin CR, Warner BW. Intestine-Specific Deletion of p38 α MAPK Perturbs Enterocyte Kinetics Following Massive Small Bowel Resection. Digestive Diseases Week, New Orleans, LA, 2010

PUBLICATIONS

Peer-Reviewed Publications:

1. Ohman KA, Wells KO, **Leinicke JA**, Leping W, Guthrie T, Birnbaum EH, Hunt SR, Mutch MG, Wise PE, Silveira ML. Combination of Oral Antibiotics and Mechanical Bowel Preparation Reduces Surgical Site Infection in Colorectal Surgery. J Am Coll Surg. 2017; S1072-7515(17)30593-8.

2. Choi PM, Guo J, Erwin CR, Wandu WS, **Leinicke JA**, Xie Y, Davidson NO, Warner BW. Disruption of Retinoblastoma Protein Expression in the Intestinal Epithelium Impairs Lipid Absorption. *Am J Physiol Gastrointest Liver Physiol*. 2014 Apr 17. PMID: 24742992
3. **Leinicke JA**, Elmore L, Freeman BD, Colditz G. Operative Management of Rib Fractures in the Setting of Flail Chest: A Systematic Review and Meta-Analysis. *Ann Surg*. 2013 Dec; 258(6):914-21. PMID: 23511840
4. **Leinicke JA**, Longshore SW, Wakeman D, Guo J, Warner, BW. Regulation of Retinoblastoma Protein (Rb) by p21 Is Critical for Adaptation to Massive Small Bowel Resection. *J Gastrointest Surg*. 2012 Jan;16(1):148-55. discussion 155. PMID: 22042567
5. Hitch MC, **Leinicke JA**, Wakeman D, Guo J, Erwin CR, Rowland KJ, Merrick EC, Heuckeroth RO, Warner BW. Ret heterozygous mice have enhanced intestinal adaptation after massive small bowel resection. *Am J Physiol Gastrointest Liver Physiol*. 2012 May 15;302(10):G1143-50 PMID: 22421622
6. Wakeman D, Guo J, Santos J, Wandu W, Schneider J, McMellen M, **Leinicke JA**, Erwin C, and Warner BW. p38 MAPK Regulates Bax Activity and Apoptosis in Enterocytes at Baseline and after Intestinal Resection. *Am J Physiol Gastrointest Liver Physiol*. 2012 May 1;302(9):G997-1005. PMID: 22383494

Books and Book Chapters:

1. Leinicke JA, Dietz DW. Reoperative Surgery for Crohn's Disease. *Clin Colon Rectal Surg*, publication pending.
2. **Leinicke JA**, Choi E, Hunt SR. Colonic Bleeding and Ischemia. In: Shackelford's Surgery of the Alimentary Tract, 8th Edition. (Yeo C, Fleshman J eds.) Elsevier, Philadelphia, publication pending.
3. **Leinicke JA**, Wise PD: Small Intestine. In: The Washington Manual of Surgery, 7th Edition. (Klingensmith ME, et al., eds.) Lippincott Williams & Wilkens, 339-356. Philadelphia 2016.
4. **Leinicke JA**, Schuerer D: Trauma Surgery. In: The Washington Manual of Surgery, 6th Edition. (Klingensmith ME, et al., eds.) Lippincott Williams & Wilkens, 495-534. Philadelphia, 2011.
5. **Leinicke JA**, Wakeman DS, Warner BW: Short bowel syndrome. In: Succeeding in Paediatric Surgery Examinations: Volume 2 (Antao BA, Irish MS, eds.). Radcliffe Publications Ltd, London UK, 2012.
6. Wakeman DS, **Leinicke JA**, Warner BW: Short bowel syndrome. In: Succeeding in Paediatric Surgery Examinations: Volume 1 (Antao BA, Irish MS, eds.). Radcliffe Publications Ltd, London UK, 2012.

LECTURES AND GRAND ROUNDS

Grand Rounds:

1. Surgical Decision Making in Rectal Cancer. University Hospitals Cleveland Medical Center Colon and Rectal Surgery Grand Rounds, June 2017.
2. Diverticular Disease. University Hospitals Cleveland Medical Center Colon and Rectal Surgery Grand Rounds, December 2016.
3. Colon Physiology. University Hospitals Cleveland Medical Center Colon and Rectal Surgery Grand Rounds, September 2016.

Other Lectures:

1. Crohns Disease and Ulcerative Colitis, UNMC General Surgery Residency 9/2017