

**CURRICULUM VITAE**  
**Jessica B Shank, MD**

**CAMPUS ADDRESS:** Department of Surgical Oncology  
986880 Nebraska Medical Center  
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**EDUCATION**

2002 - 2006            BS, Psychology, University of Nebraska Lincoln  
2009 - 2013            MD, University of Nebraska Medical Center

**POST DEGREE TRAINING**

2013 - 05/2018        Residency, General Surgery, Albany Medical Center  
2018 - 07/2019        Fellowship, Endocrine Surgery, Johns Hopkins University School of  
Medicine

**ACADEMIC APPOINTMENTS**

2019 - Present        Assistant Professor, Division of Surgical Oncology, Department of  
Surgery, University of Nebraska Medical Center, Omaha, NE

**CERTIFICATIONS AND LICENSES**

2017 - Present        Advanced Trauma Life Support Recertification, American College of  
Surgeons  
2017 - Present        Fundamentals of Laparoscopic Surgery Certification- Society of American  
Gastrointestinal and Endoscopic Surgeons  
2017 - Present        Fundamentals of Endoscopic Surgery Exam Certification- Society of  
American Gastrointestinal and Endoscopic Surgeons  
2018 - Present        American College of Surgeons Thyroid and Parathyroid Ultrasound  
Certificate  
2019 - Present        American Board of Surgery Certification  
2019 - Present        Federal Drug Enforcement Administration Registration Certification  
2019 - 2021            Basic Life Support, Recertification, American Heart Association  
2019 - 2021            Advanced Cardiac Life Support, Recertification, American Heart  
Association  
2018 - 2020            Government of the District of Columbia Medical License MD046547  
2019 - 2021            Nebraska State Medical License 31836

**GRANTS AND CONTRACT SUPPORT**

**HONORS AND AWARDS**

### **Local**

2002-2005	UNL Honor's Program, Lincoln, NE
2002-2006	UNL Regent's Scholar, Lincoln, NE
2009-2010	College of Medicine Talent Scholarship, Omaha, NE
2010-2011	Dr. Arch S. & Leone McMillen Scholarship, Omaha, NE
2011-2012	Ruth Thomas Medical Fund, Omaha, NE
2011-2012	Steve Shefte, M.D. Scholarship, Omaha, NE
2012	Mabel May Wagner Memorial Scholarship Fund, Omaha, NE
2012-2013	COPIC Scholarship, NMA, Omaha, NE
2012-2013	College of Medicine Alumni Association Scholarship, Omaha, NE
2012-2013	Bookmeyer Scholarship Fund, Omaha, NE
2016	Resident Research Day Third Place Award, Albany, NY

### **MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES**

Present	Member, The Association of Women Surgeons
2009 - 2013	American Medical Women's Association
2011 - 2011	American Medical Association
2013 - Present	Member, American College of Surgeons
2016 - 2018	Member, American Society of Breast Surgeons
2016 - 2021	Fellow Member, American Association of Endocrine Surgeons
2019 - Present	Member, The Endocrine Society
2019 - Present	Member, The American Board of Surgery
2020 - Present	Member, American Thyroid Association
2021 - Present	Active Fellow Member, Southwest Surgical Congress
2021 - Present	Active Member, American Association of Endocrine Surgeons
2021 - Present	Member, Metro Omaha Medical Society/Nebraska Medical Association

### **COMMITTEE ASSIGNMENTS**

#### **College of Medicine**

2013 - 2018	Medical School Admissions Committee
2013 - 2018	Operating Room Improvement Committee

#### **Local/Regional**

2005 - Present	PEO, Women's Philantropy Organization
2009 - 2013	Phi Rho Sigma Medical Fraternity

#### **National/International**

2015 - 2021	Committee Member, AAES Mission Birmingham, AAES
2021 - 2022	Committee Member, AAES Fellowship Committee Member, American Association of Endocrine Surgeons

#### **UNMC**

2019 - Present	Member, Patient Experience and Technology Applications Steering
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- 2020 - Present Committee, University of Nebraska Medical Center  
Member, Minimally Invasive Surgery Committee, University of Nebraska Medical Center
- 2020 - Present Member, Telehealth Community Physician Committee, University of Nebraska Medical Center
- 2022 - Present Committee Member, Bellevue Medical Executive Committee

## MISCELLANEOUS

- 2018 Article Review, Knauf JA, Luckett KA, Chen KY, Voza F, Socci ND, Ghossein R, Fagin JA. Hgf/Met activation mediates resistance to BRAF inhibition in murine anaplastic thyroid cancers, The American Association of Endocrine Surgeons
- 2010 - 2010 Nicaragua Immersion Program, UNMC
- 2021 - Present Peer Reviewer, ACS Case Reviews in Surgery Reviewer, American College of Surgeons

## PRESENTATIONS

1. Shank JB. Gastric Adenomas. Surgical Oncology Grand Rounds; 2013. Albany Medical Center. Albany, NY
2. Shank JB. Malrotation in the Pediatric Surgery Population. Pediatric Surgery Grand Rounds; 2013. Albany Medical Center; Albany NY
3. Shank JB. Renal Transplantation in HIV Positive Patients. Transplant Surgery Grand Rounds; 2015. Albany Medical Center; Albany NY
4. Shank JB. Risk of End-Stage Renal Disease Following Live Kidney Donation. Transplant Surgery Grand Rounds; 2015. Albany Medical Center; Albany NY
5. Shank JB. Neurosurgical Intervention in Traumatic Brain Injuries. Trauma Surgery Grand Rounds; 2015. Albany Medical Center; Albany NY
6. Shank JB. Diffuse Axonal Injury in Trauma Patients. Trauma Surgery Grand Rounds; 2015. Albany Medical Center; Albany NY
7. Shank JB. Operative Interventions for Pediatric Small Bowel Intussusception. Pediatric Surgery Grand Rounds; 2015. Albany Medical Center; Albany NY
8. Shank JB. Treatment of Open Abdomens. Pediatric Surgery Grand Rounds; 2015. Albany Medical Center; Albany NY
9. Sharp, S; Shank JB; Lee, E; Valerian, B; Canette, J; Chismark, D. Colorectal Surgery Patient Transfers to Tertiary Care Centers. Resident Research Day; 2015 April. Albany, NY
10. Shank JB; Boyle B; Thomas K; Choi L; Crozier A; Abraham C; Carsello C; Ata A; Stain SC; Beyer TD. The psychological side of thyroid cancer: Is it just as favorable mentally?. The American Association of Endocrine Surgeons 37th Annual Meeting; 2016 April 10-12. Baltimore, MD
11. Shank JB; Boyle S; Ata A; Stain SC; Beyer TD. Post-traumatic stress and fear of progression symptoms in breast cancer patients comparing stage, the use of adjuvant chemotherapy, and breast conservation. The American Society of Breast Surgeons 17th Annual Meeting; 2016 April 15. Dallas, TX

12. Shank JB; Boyle S; Ata A; Stain SC; Beyer TD. Post-traumatic stress and fear of progression symptoms in breast cancer patients comparing stage, the use of adjuvant chemotherapy, and breast conservation. Resident Research Day; 2016 April. Albany, NY
13. Shank JB; Boyle S; Ata A; Stain SC; Beyer TD. Post-traumatic stress and fear of progression symptoms in breast cancer patients comparing stage, the use of adjuvant chemotherapy, and breast conservation. General Surgery Research Day; 2016 May. Albany, NY
14. Shank JB. Colon Cancer and Familial Syndromes. Colorectal Surgery Grand Rounds; 2017. Albany Medical Center; Albany, NY
15. Shank JB. History of Endocrine Surgery. General Surgery Grand Rounds; 2018. Albany Medical Center; Albany, NY
16. Shank JB; Nagarajan N; Holly, B; Canner, J; Salvatori, R; Fishman, EK; Mathur, A; Prescott, JD. Comparison of Preoperative Adrenal Venous Sampling to Adrenal Imaging for Surgical Decision Making Among Patients Diagnosed with Primary Hyperaldosteronism. The 14th Annual Academic Surgical Congress; 2019 February 6. Houston, TX
17. Shank JB; Alkhalili, E; Canner, JK; Hamrahan, A; Munir A; Salvatori, R; Prescott, JD; Mathur, A. Unilateral Adrenalectomy as Initial Management of Cushing's Syndrome Secondary to Bilateral Macronodular Hyperplasia. The International Association of Endocrine Surgeons/World Congress of Surgery; 2019 August 12
18. Shank JB. Contemporary Issues in Adrenal Disorders: The Surgical Management of Adrenocortical Carcinoma. 2019 September 20. Johns Hopkins School of Medicine; Baltimore, MD
19. Shank JB. Unilateral Adrenalectomy as Initial Management of Cushing's Syndrome Secondary to Bilateral Macronodular Hyperplasia. University of Nebraska Medical Center General Surgery Grand Rounds; 2019 October 9. University of Nebraska Medical Center, Omaha, NE
20. Shank JB. Resident Seminar: Head and Neck. University of Nebraska Medical Center General Surgery Resident Education; 2019 Dec 11. Omaha, Nebraska
21. Shank JB. Case Conference: Head and Neck. University of Nebraska Medical Center General Surgery Resident Education; 2019 Dec 11. Omaha, Nebraska
22. Shank JB. Endocrine Lecture. University of Nebraska Medical Center Surgery Student Education; 2019 Dec 20. Omaha, Nebraska
23. Shank JB. Case Conference: Adrenal. 2020 Feb 19. University of Nebraska Medical Center General Surgery Resident Education. Omaha, Nebraska
24. Shank JB. Resident Seminar: Adrenal. 2020 Feb 19. University of Nebraska Medical Center General Surgery Resident Education. Omaha, Nebraska
25. Shank JB. Endocrine Lecture. 2020 Feb 21. University of Nebraska Medical Center Surgery Student Education. Omaha, Nebraska
26. Shank JB. Adrenal Disease Requiring Surgical Intervention. 2020 NANA Virtual Fall Conference; 2020 Oct 17
27. Baker JJ; Bradford Bell E; Fingeret AL; Goldner WS; Johnson CM; Kotwal A; Martinez Duarte E; Sayed Z; Shank JB. Panel Discussion of Case Presentations. Contemporary Management of Common Endocrine Surgery Problems; 2021 February 05. University of Nebraska Medical Center
28. Shank JB. Parathyroid Surgery. Bellevue Medical Center Surgery Staff Education.

- Virtual; 2021 Jul 27
29. Shank JB. Contemporary Management of Well-Differentiated Thyroid Cancer. 83rd Annual Surgical Update of International College of Surgeons, United States Section. Virtual; 2022 Apr

## **PUBLICATIONS**

### **A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS**

1. Schaecher CT; Addasi N; Shank JB; Bradford Bell EJ; Martinez Duarte E; Yuil-Valdes AG; Kotwal A; Goldner, Whitney. Using Preoperative Factors to Determine the Extent of Thyroidectomy for Patients with Thyroid Carcinoma Corresponding Author: Dr. Abbey Fingeret. The American Journal of Surgery. 2021

### **B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

1. Shank JB; Mathur, Aarti. The impact of patient age on practice patterns and outcomes for primary hyperparathyroidism. American journal of surgery. 2022 Mar; 0002-9610

### **C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

1. Shank JB; Nagarajan N; Holly B; Canner J; Salvatori R; Fishman EK; Mathur A; Prescott JD. Comparison of Preoperative Adrenal Venous Sampling to Adrenal Imaging for Surgical Decision Making Among Patients Diagnosed with Primary Hyperaldosteronism. The 14th Annual Academic Surgical Congress (English). 2019 Feb; (English)
2. Shank JB; Alkhalili E; Canner JK; Hamrahian A; Munir A; Salvatori R; Prescott JD; Mathur A. Unilateral Adrenalectomy as Initial Management of Cushing's Syndrome Secondary to Bilateral Macronodular Hyperplasia. The International Association of Endocrine Surgeons/World Congress of Surgery (English). 2019 Aug; (English)
3. Schaecher C; Addasi N; Shank JB; Bradford Bell E; Sayed Z; Martinez Duarte E; Yuil-Valdes A; Baker J; Kotwal A; Goldner W; Fingeret AL. Using Preoperative Factors to Determine the Extent of Thyroidectomy for Patients with Thyroid Carcinoma. Journal of the Endocrine Society. 2020 Oct
4. Luddy MK; Vetter R; Shank JB; Goldner W; Patel A; Kotwal A; Fingeret AL. Patent Reported Outcome Measures of Health-Related Quality of Life and Asthenia after Thyroidectomy. Journal of Surgical Research. 2020 Dec

### **D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS**

Not Applicable

### **E. CHAPTERS IN BOOKS**

1. Shank JB; Prescott JD. Current Surgical Therapy. 13. Philadelphia, PA: Elsevier; 2019. Chapter 147, Surgical Management of Thyroid Cancer

2. Shank JB; Prescott, JD; Mathur A. Endocrinology and Metabolism Clinics. Philadelphia, PA: Elsevier; 2019. Surgical Approach in Patients with Endocrine Hypertension
3. Shank JB; Prescott JD. Head & Neck Endocrine Surgery. New York, USA: Thieme Medical; 2021. Embryology of the Thyroid Gland

#### **F. BOOKS OR JOURNALS EDITED**

Not Applicable

#### **G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS**

1. Sharp S; Shank JB; Lee E; Valerian B; Canete J; Chismark D. Colorectal Surgery Patient Transfers to Tertiary Care Centers. 2014
2. Shank JB; Carsello C; Stain SC; Beyer TD. Imaging for Hyperparathyroid Adenoma Localization: Indicators for 4D Computed Tomography. 2015
3. Shank JB; Boyle B; Thomas K; Choi L; Crozier A; Abraham C; Carsello C; Ata A; Stain SC; Beyer TD. The psychological side of thyroid cancer: Is it just as favorable mentally?. The American Association of Endocrine Surgeons 37th Annual Meeting; Baltimore, MD. 2016 Apr
4. Shank JB; Boyle S; Ata A; Stain SC; Beyer TD. Post-traumatic stress and fear of progression symptoms in breast cancer patients comparing stage, the use of adjuvant chemotherapy, and breast conservation. The American Society of Breast Surgeons 17th Annual Meeting; Dallas, TX. 2016 Apr
5. Shank JB; Nagarajan N; Holly B; Canner J; Salvatori R; Fishman EK; Mathur A; Prescott JD. Comparison of Preoperative Adrenal Venous Sampling to Adrenal Imaging for Surgical Decision Making Among Patients Diagnosed with Primary Hyperaldosteronism. The 14th Annual Academic Surgical Congress; 2019 Feb
6. Shank JB; Alkhalili E; Canner JK; Hamrahian A; Munir A; Salvatori R; Prescott JD; Mathur A. Unilateral Adrenalectomy as Initial Management of Cushing's Syndrome Secondary to Bilateral Macronodular Hyperplasia. The International Association of Endocrine Surgeons/World Congress of Surgery; 2019 Aug
7. Shank JB; Are C; Wenos CD. Thyroid Cancer: Global Burden and Trends. Indian Journal of Surgical Oncology. 2021

#### **H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE**

Not Applicable

#### **I. PUBLISHED CONTINUING EDUCATION MATERIALS**

Not Applicable

#### **J. EDITORIALS**

Not Applicable

## **K. CONFERENCE PROCEEDING**

Not Applicable

## **COMMUNITY SERVICE**

2009 - 2011 Volunteer, SHARING/RESPECT Clinic

## **EDUCATION / TEACHING ACTIVITY**

### **A. ADDITIONAL INSTRUCTION**

#### **History and Physical Small Group Sessions**

##### Other

Teaching Assistant,, University of Nebraska Medical Center, , 2012

#### **Reviewed endocrine related topics to residents and students.**

Teaching Assistant, The Johns Hopkins Medical Center, , 2018 - 2019

#### **Third Year Medical Student Small Group Sessions on general surgery topics**

Teaching Assistant, Albany Medical Center, , 2014

#### **Third Year Medical Student Suture Workshops**

Teaching Assistant, Albany Medical Center, , 2013 - 2018

### **B. FACULTY ADVISING/MENTORING**

#### **Cadaver Lab**

##### Instructor:

University of Nebraska Medical Center, Cadaver lab: thyroid, parathyroid, central and lateral neck dissection, 3.00 hours/year, 2022 - Present

#### **Endocrine Carcinoma Lecture**

##### Lecture:

University of Nebraska Medical Center, Endocrine Carcinoma Lecture, 1.00 hour/year, 2020

#### **GS ABSITE Prep: MEN syndrome, thyroid, parathyroid, adrenal, spleen**

University of Nebraska Medical Center, , 2021

#### **M3 Surgery Clerkship Endocrine Lectures**

, 2019 - Present

#### **Mini Mock Oral Exams: Endocrine**

University of Nebraska Medical Center, Examiner for Mini Mock Oral Exams, 2020 - Present

#### **Mock Oral Board Preparation**

University of Nebraska Medical Center, Practice mock oral exam with residents, 1.00 hour/month, 2020 - Present

#### **Mock Oral Exams**

University of Nebraska Medical Center, Examiner for Mock Oral Exams, 2019 - Present