

# Rishi Batra, MD, MBA

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Division of Colon & Rectal Surgery  
Department of Surgery  
University of Nebraska Medical Center  
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## Current Position

09/2022 - Assistant Professor of Surgery, Division of Colon & Rectal Surgery, University of Nebraska Medical Center

## Residency Education

7/2014 - 06/2021

ACGME Residency, General Surgery  
University of Nebraska Medical Center  
Omaha, NE, United States of America  
Dr. Tiffany Tanner, MD (Program Director)

08/1/2021 - 07/31/2022

ACGME Residency, Colon and Rectal Surgery  
Mayo Clinic  
Rochester, MN, United States of America  
Dr. Scott Kelley, MD (Program Director)

## Medical School

University of Nebraska College of Medicine, United States of America 08/2010 - 05/2014, M.D., 05/2014

## Education

**Graduate** - University of Nebraska-Omaha, Omaha, Nebraska, USA Healthcare Management/Business Administration 07/2016 - 12/2017, MBA, 12/2017

**Undergraduate** - University of Nebraska-Lincoln, Lincoln, Nebraska, USA Biological Sciences/Biochemistry (Honors Program), with High Distinction 08/2005 - 05/2010, B.S., 05/2010

## Research Experience

UNMC Department of Surgery, Omaha, NE, United States of America Research Fellow, Dr. B. Timothy Baxter, MD (PI/Mentor), 07/2016 - 06/2018

Two years basic science laboratory fellowship investigating Abdominal Aortic Aneurysms and Marfan Syndrome.

## **Membership and Honorary/Professional Societies**

American Society of Colon and Rectal Surgeons (Resident) American College of Surgeons (Resident)  
Society for Asian Academic Surgeons (Resident)  
American Medical Association  
Nebraska Medical Association  
Phi Rho Sigma (University of Nebraska Medical Center)  
Phi Beta Kappa (University of Nebraska)  
Innocents Society: Chancellor's Senior Honorary (University of Nebraska)

## **Certification/Licensure**

ACLS Certified, 06/17/2022 BLS Certified, 06/17/2022  
DEA Registration #: FB023206  
ABS QE Passed (82nd Percentile), CE Passed – American Board of Surgery Certified (March 2022) #071309  
Intuitive – Robotic Certificate of Training Equivalency (Da Vinci Xi)

## **State Medical Licenses**

Nebraska, Full, Exp. Date: 10/2022  
Minnesota, Full, Exp. Date: 10/2022

## **Volunteer Experience**

07/2021 – Present

Colorectal Surgery Virtual Education Series for CRS Residents (Weekly) - @CRSVirtualED  
Co-organizer for 2021-2022 Academic year; Collaboration with Behind the Knife Podcast/SurgeOn; Serves as Advisor for 2022-2023

01/2021 – 06/2021

UNMC Surgery: Diversity, Equity & Inclusion Committee, Omaha, NE, United States of America Resident Member, Dr. Quan Ly, MD

This committee works to promote the University of Nebraska Medical Center's (UNMC) goal to "advance the programs & culture of UNMC as an exemplary culturally sensitive, diverse & inclusive organization in its mission of transforming lives" within the Department of Surgery.

07/2019 – 8/2020

UNMC Surgery: Resident Education Committee, Omaha, NE, United States of America Resident Member, Dr. Tiffany Tanner, MD

This committee was peer-elected and designed to improve surgical education within our residency. We reviewed and developed the weekly education conference, cadaver labs, and Fundamentals of Endoscopic Surgery/Fundamentals of Laparoscopic Surgery curriculum for our program.

04/2019 - 04/2019

ACS Leadership and Advocacy Summit, Washington, DC, United States of America Scholarship Winner, Resident Attendee (April 2019), Dr. Jon S. Thompson, MD

This was an American College of Surgeons (ACS) leadership development program for surgical residents, fellows, and attending surgeons. We advocated various health policies to improve surgical patient care with members of Congress and their staff on Capitol Hill. We met with Nebraska Senators Fischer and Sass, as well as Representative Bacon, to discuss

important issues such as "surprise" billing and federal research funding allocation.

04/2019 - 06/2021

UNMC COM: LCME Self-Study Task Force, Omaha, NE, United States of America Resident Member, Dr. Geoffrey A. Talmon, MD

I served on the subcommittee that evaluates Liaison Committee on Medical Education (LCME) Standard 3: Academic and Learning Environments at UNMC. We worked to ensure that medical education at UNMC occurs in a professional, respectful, and intellectually stimulating clinical environment. The LCME has scheduled its next accreditation visit to UNMC for October 2021.

08/2018 - 08/2018

AMA Accelerating Change in Medical Education, Hershey, PA, United States of America Resident Attendee, Dr. Kelly J. Caverzagie, MD

The American Medical Association (AMA) launched the "Accelerating Change in Medical Education" initiative in 2013. I attended a program focused on transforming the way medical students and residents are educated/trained in the future. We reviewed various initiatives such as teaching new content in health systems science, delivering population-based medical care, and developing flexible, competency-based pathways in medical training.

07/2018 - 06/2021

UNMC COM: Graduate Medical Education Committee, Omaha, NE, United States of America Resident Committee Member, Dr. Chandrakanth Are, MD, MBA

This committee reviews the quality of Graduate Medical Education (GME) training within the UNMC College of Medicine (COM) and evaluates the working environment within the institution. It promotes patient safety, house officer well-being (duty hours, fatigue management, and wellness), and professionalism

05/2017 - 05/2018

Project Purple, Lincoln, NE, United States of America Half-Marathon Runner, Chelsey Bunyer, Program Director

I was a runner in the Lincoln Half-Marathon (2017, 2018) and helped raise money to support research and increase awareness of pancreatic cancer. I raised over \$1500 for donation to Project Purple.

02/2017 - 07/2019

C. Diff Reduction Task Force, Omaha, NE, United States of America Resident Committee Member, Dr. Mark Rupp, MD

This task force evaluated the current practices at UNMC/Nebraska Medicine to reduce hospital-onset Clostridium Difficile Infections with a goal of a 20% reduction. We implemented measures to limit provider exposure with improvement in the availability of PPE and introduced measures to improve test ordering within the electronic medical record.

01/2017 – 06/2021

Patient Outcomes Committee, Omaha, NE, United States of America Resident Committee Member, Dr. Micah Beachy, DO.

This is a multidisciplinary committee designed to review morbidity and mortality at UNMC/Nebraska Medicine on a monthly basis.

01/2017 - 06/2021

Hospital Safety Strategic Planning Committee, Omaha, NE, United States of America Resident Committee Member, Dr. Micah Beachy, DO

This is a multidisciplinary committee at UNMC/Nebraska Medicine designed to identify safety domains for improvement including eliminating preventable patient harm, encouraging a culture of quality, and improving the patient and family experience. We also evaluate monthly quality initiatives brought forward by Nebraska Medicine employees.

08/2016 – 06/2021

Resident Quality Improvement Committee, Omaha, NE, United States of America Resident Member, Chair (2017), Dr. Julie L Feddersen, MD/Dr. Chandrakanth Are, MD

This is a resident/fellow organized Research and Quality Improvement program. Resources are provided for house officer led projects, which include project brain storming, study/survey design and methodology, assistance with IRB applications, EHR data requests, statistical analysis, and manuscript/poster/presentation review. I served as the chair of this committee in 2017.

07/2016 – 06/2021

UNMC COM: Medical School Curriculum Committee, Omaha, NE, United States of America Resident Committee Member, Dr. Wendy Grant, MD

This committee reviews the UNMC College of Medicine (COM) pre-clinical courses and clinical clerkships. I was involved in the medical school curriculum redesign that was launched in August 2017. I evaluated and helped develop the final phase of the four-year curriculum for medical students known as Phase III. This phase focuses on the clinical knowledge and skill development prior to entering residency. I continue to help review core courses within the new curriculum.

07/2016 – 06/2021

UNMC House Officers Association, Omaha, NE, United States of America Board Member, Vicki Hamm, GME Administrative Director

I was a board member of the House Officers Association (HOA) at UNMC, which is designed to improve the educational experience and the clinical learning environment. The HOA has a significant focus on the wellness of our residents and fellows. We worked to develop the House Officers Wellness Lounge that opened in July 2019.

09/2015 - 06/2021

UNMC COM: M4 Interview Skills Workshop, Omaha, NE, United States of America Organizer, Catherine Mello, UNMC Alumni Director

I was the founder and organizer of the Annual Multi-Specialty M4 Interview Skills Workshop for residency interviews sponsored by the UNMC College of Medicine (COM) Alumni Association.

07/2014 - 06/2021

UNMC COM: Alumni Association - Board of Directors, Omaha, NE, United States of America Resident Representative, Catherine Mello, UNMC Alumni Director

I served as the resident board member to help with alumni communication through e-newsletters, reunions, and campus networking events.

08/2010 - 05/2014

UNMC COM 2014 Class Officer, Omaha, NE, United States of America Alumni Chair, Dr. Gerald Moore, MD

I was the liaison between the UNMC Alumni Association and my medical school class. I attended alumni board meetings in addition to class officer meetings. Within this organization, I served on the Education Subcommittee to help allocate alumni funds to campus organizations.

08/2010 - 05/2014

UNMC Student Chapter: American Medical Assoc., Omaha, NE, United States of America Co-President, Treasurer, Community Service Chair, Dr. Kelly J. Caverzagie, MD

As Co-President (2013), I ran monthly member meetings and executive board meetings for the local chapter of the American Medical Association (AMA). I helped organize the UNMC AMA Residency Symposium in Spring 2013. As Treasurer (2012), I helped organize monthly AMA meetings and maintained a working budget. As the Community Service Chair (2011), I organized a health screening event for UNMC students at the Open Door Mission

## **Work Experience**

03/2020 - 03/2020

Basavatarakam Indo-American Cancer Hospital, Hyderabad, India Visiting Surgical Resident, Dr. Chandrakanth Are, MD, MBA

This was a global surgery rotation approved through the Review Committee for Surgery (ACGME) and the American Board of Surgery. I rotated through the general surgical oncology and colon and rectal surgery service.

07/2012 - 05/2014

UNMC High School Alliance, Omaha, NE, United States of America Mentor, Dr. H. Dele Davies, MD

I served as a mentor to senior high school students interested in a career in medicine. I worked with students to develop study skills to be successful in and out of the classroom in preparation for a potential career in health care.

06/2011 - 07/2011

Summer Health Professions Education Program, Omaha, NE, United States of America Teaching Assistant at UNMC, Dr. H. Dele Davies, MD

I taught students at a national comprehensive six-week summer program for undergraduate students interested in health care at UNMC. I led small-group learning sessions on topics such as health disparities, medical ethics, and rural health care. This program was formally known as the Summer Medical and Dental Education Program.

## Publications

Batra, R., Rudnicki, Y., Stapleton, S., Gan, T., Mathis, K., Kelley, S. "Management of Diverticulitis in Renal Transplant Patients." *The American Surgeon*. September 2022. Cited in PubMed; PMID: 36120834. Pub Status: Published.

Jespersen, K., Liu, Z., Li, C., Harding, P., Sestak, K., Batra, R., Stephenson, C.A., Foley, R.T., Greene, H., Meisinger, T., Baxter, B.T., & Xiong, W. Enhanced Notch3 Signaling Contributes to Pulmonary Emphysema in a Murine Model of Marfan Syndrome. *Scientific Reports*. 2020, Jul; 10(1): 10949. Cited in PubMed; PMID: 32616814. Pub Status: Published.

Suh, M.K., Batra, R., Carson, J.S., Xiong, W., Dale, M.A., Meisinger, T.M., Killen, J., Mitchell, J., & Baxter, B.T. Ex vivo Expansion of Regulatory T cells from Abdominal Aortic Aneurysm (AAA) Patients Inhibits Murine Aneurysm Expansion. *Journal of Vascular Surgery*. 2020, Jan; 21(S0741-5214(19)): 32537-6. Cited in PubMed; PMID: 31980239. Pub Status: Published.

Liu, Z., Fitzgerald, M., Meisinger, T., Batra, R., Suh, M., Greene, H., Penrice, A.J., Sun, L., Baxter B.T., & Xiong, W. CD95 ligand Contributes to Abdominal Aortic Aneurysm Progression by Modulating Inflammation. *Cardiovascular Research*. 2019, Mar; 115(4): 807-81. Cited in PubMed; PMID: 30428004. Pub Status: Published.

Batra, R., Malhotra, G.K., Singh, S., & Are, C. Managing Squamous Cell Esophageal Cancer. *Surgical Clinics North America*. 2019, Jun; 99(3): 529-541. Cited in PubMed; PMID: 31047040. Pub Status: Published.

Batra, R., Suh, M.K., Carson, J.S., Dale, M.A., Meisinger, T.M., Fitzgerald, M., Opperman P.J., Luo, J., Pipinos, I.I., Xiong, W., & Baxter, B.T. IL-1Beta and TNF-Alpha Impact Abdominal Aortic Aneurysm Formation by Differential Effects on Macrophage Polarization. *Arteriosclerosis Thrombosis Vascular Biology*. 2018, Feb; 38(2): 457-4. Cited in PubMed; PMID: 29217508. Pub Status: Published.

Baxter, B.T., & Batra, R. From Bench to Bedside - Invited Commentary. *Journal of Vascular Surgery*. 2018, Feb; 67(2): 596. Cited in PubMed; PMID: 29389422. Pub Status: Published.

Dale, M., Fitzgerald, M.P., Liu, Z., Meisinger, T., Karpisek, A., Purcell, L.N., Carson, J.S., Harding, P., Lang, H., Koutakis, P., Suh, M., Batra, R., Mietus, C.J., Casale, G., Pipinos, I., Baxter, B.T., & Xiong, W. Premature Aortic Smooth Muscle Cell Differentiation Contributes to Matrix Dysregulation in Marfan Syndrome. *PLoS One*. 2017, Oct; 12(10): e0186603. Cited in PubMed; PMID: 29040313. Pub Status: Published.

Langenfeld, S.J., & Batra, R. How Can Social Media Get Us in Trouble?. *Clinics in Colon Rectal Surgery*. 2017, Sep; 30(4): 264-269. Cited in PubMed; PMID: 28924400. Pub Status: Published.

Ganti, A.K., Gonsalves, W., Loberiza, F.R., Aldoss, I., Batra, R., Silberstein, P.T., Subbiah, S.P., & Kessinger, A. Effect of Surgical Intervention on Survival of Patients with Clinical N2 Non-Small Cell Lung Cancer: A Veterans' Affairs Central Cancer Registry (VACCR) Database Analysis. *American Journal of Clinical Oncology*. 2016, Apr; 39(2): 142-6. Cited in PubMed; PMID: 24487419. Pub Status: Published.

Sun, K., Batra, R., Markin, N.W., Suh, M., Pipinos, I.I., Roberts, E.K., Mactaggart, J.N., & Baxter, B.T. Transesophageal Echocardiogram-Guided Stent Placement in Superior Vena Cava Syndrome Secondary to Granulomatous Lung Disease: A Case Series and Literature Review. *Vascular Endovascular Surgery*. 2017, Nov; 51(8): 562-566. Cited in PubMed; PMID: 29017434. Pub Status: Published.

Bhatt, V.R., Batra, R., Silberstein, P.T., Loberiza, F.R., & Ganti, A.K. Effect of Smoking on Survival from Non-Small Cell Lung Cancer: A Retrospective Veterans' Affairs Central Cancer Registry (VACCR) Cohort Analysis. *Medical Oncology*. 2015, Jan; 32(1):339. Cited in PubMed; PMID: 25429831. Pub Status: Published.

Batra, R., Wolbach-Lowes, J., Swindells, S., Scarsi, K.K., Podany, A.T., Sayles, H., & Sandkovsky, U. Impact of an Electronic Medical Record on the Incidence of Antiretroviral Prescription Errors and HIV Pharmacist Reconciliation on Error Correction Among Hospitalized HIV-Infected Patients. *Antiviral Therapy*. 2015, Jan; 20(5): 555-9. Cited in PubMed; PMID: 25560773. Pub Status: Published.

Panwar, A., Batra, R., Lydiatt, W.M., & Ganti, A.K. Human Papilloma Virus Positive Oropharyngeal Squamous Cell Carcinoma: A Growing Epidemic. *Cancer Treatment Reviews*. 2014, Mar; 40(2): 215-9. Cited in PubMed; PMID: 24080155. Pub Status: Published.

## Peer Reviewed Book Chapters

Batra, R., & Are, C. (2018). Role of Preoperative Biliary Stenting and Preoperative Preparation Before Pancreaticoduodenectomy. In Mallika Tewari (Ed.), *Surgery for Pancreatic and Periapillary Cancer* (pp. 57-64). Singapore: Springer.

Hensing, T., Chawla, A., Batra, R., & Salgia, R. (2014). A Personalized Treatment for Lung Cancer: Molecular Pathways, Targeted Therapies, and Genomic Characterization. In Natalia Maltsev, Andrey Rzhetsky, T. Conrad Gilliam (Ed.), *Systems Analysis of Human Multigene Disorders* (pp. 85-117). New York: Springer.

## Oral & Poster Presentations

Batra, R., Rudnicki, Y., Stapleton, S., Gan, T., Mathis, K., Kelley, S. (May, 2022) “Trends in Diverticulitis Management in Renal Transplant Patients – A Single Institution Experience.” Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Tampa, FL, USA.

Batra, R., Fuglestad, M., Hall, B., Luo, J., Leinicke, J., & Langenfeld, S. (May, 2018). *Different Strokes for Different Folks: Trends in Elective Surgery for Diverticular Disease*. Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Nashville, TN, USA.

Batra, R., Fuglestad, M., Hernandez, H., Samson, K., Leinicke, J., & Langenfeld, S. (June, 2019). *Nodal Harvest for Right-Sided Colon Cancer: A Case-Matched Assessment of Laparoscopic vs. Robotic Approaches*. Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Cleveland, OH, USA.

Batra, R., Smith, L., Gonsalves, W., Silberstein, P., & Ganti, A. (September, 2012). *Effect of Smoking Status on Non-Small Cell Lung Cancer Outcomes: A VACCR Analysis*. Poster presented at: Multidisciplinary Symposium in Thoracic Oncology; Chicago, IL, USA.

Rudnicki, Y., Batra, R., Gan, T., Stapleton, S., Mathis, K., Kelley, S. (May, 2022) “Perianal Paget’s – an Aggressive Disease!” Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Tampa, FL, USA.

Stapleton, S., Batra, R., Gan, T., Rudnicki, Y., Mathis, K., Kelley, S. (May, 2022) “Diverticulitis and Connective Tissue Disease.” Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Tampa, FL, USA.

Gan, T., Stapleton, S., Batra, R., Rudnicki, Y., Behm, K., Mathis, K., Kelley, S. (May, 2022) “Diverticulitis and Connective Tissue Disease.” Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Tampa, FL, USA.

Fuglestad, M., Batra, R., Hernandez, H., Samson, K., Leinicke, J., & Langenfeld, S. (June, 2020). *Omental Flap During Abdominoperineal Resection for Rectal Cancer Does Not Influence the Rate of Deep and Organ Space Surgical Site Infections*. Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting (eMeeting); Boston,

MA, USA.

Batra, R., Fuglestad, M., Samson, K., Crum, I., Torgersen, Z., Shashidharan, M., & Ternent, C. (June, 2020). *Financial Difficulty and Health-Related Quality of Life in Rectal Cancer Patients from a Clinical Prospective Database*. Oral Presentation presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting (eMeeting); Boston, MA, USA.

Fuglestad, M., Batra, R., Hernandez, H., Samson, K., Leinicke, J., & Langenfeld, S. (June, 2019). *Robotic vs. Laparoscopic Colectomy for Diverticulitis: A Case-Matched Assessment of Short-Term Outcomes*. Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Cleveland, OH, USA.

Hall, B., Armijo, P., Batra, R., Fuglestad, M., Oleynikov, D., Langenfeld, S., & Leinicke, J. (May, 2018). *Loop Ileostomy with Colonic Lavage is a Safe Treatment Option for Severe Clostridium Difficile Colitis and Does Not Result in Subsequent Colectomy*. Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Nashville, TN, USA.

Hernandez, H., Hall, B., Batra, R., Fuglestad, M., Leinicke, J., & Langenfeld, S. (June, 2019). *Factors Associated with Positive Circumferential Resection Margin After Proctectomy for Rectal Cancer*. Poster presented at: American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; Cleveland, OH, USA.

Batra, R., Suh, M., Carson, J., Mesinger, T., Dale, M., Fitzgerald, M., Greene, H., Pipinos, I., Xiong, W., & Baxter, B. (October, 2017). *Outward Remodeling is Impeded by IL-1Beta in Abdominal Aortic Aneurysm (Excellence in Research Award Winner for the category of "Vascular Surgery")*. Oral Presentation presented at: American College of Surgeon Owen H. Wangenstein Scientific Forum; San Diego, CA, USA.

Poulson, W., Rogers, A., Batra, R., Deegan, P., Kamenskiy, A., & MacTaggart, J. (May, 2017). *Intramural Structural Changes in Human Femoropopliteal Arteries with Age*. Poster presented at: Arteriosclerosis, Thrombosis, and Vascular Biology Annual Conference; Minneapolis, MN, USA.

## Language Fluency

Language	Language Proficiency	Proficiency Description
English	Native/functionally native	<i>I converse easily and accurately in all types of situations. Native speakers, including the highly educated, may think that I am a native speaker, too.</i>
Hindi	Advanced	<i>I speak very accurately, and I understand other speakers very accurately. Native speakers have no problem understanding me, but they probably perceive that I am not a native speaker.</i>



## **Awards/Accomplishments**

American College of Surgeons - Leadership Conference and Advocacy Summit Scholarship Winner (2019) Surgical ICU - Physician of the Quarter (2019)

Invited Discussant at General Surgery Scientific Forum - American Society of Colon and Rectal Surgeons Annual Scientific Meeting (2018)

American College of Surgeons - Wangenstein Scientific Forum Excellence in Research Award Winner for the category of "Vascular Surgery" (2017)

University Hospital - 6West Physician of the Quarter (2016)

Chicago Multidisciplinary Symposium in Thoracic Oncology – Abstract Travel Award Recipient (2012)