

**CURRICULUM VITAE  
BETH ANN RYDER, M.D., FACS**

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**EDUCATION:**

**Undergraduate**

1995 Brown University, Providence, RI  
Biology, Sc.B. *Magna Cum Laude with Honors*

**Medical School**

1999 Tufts University School of Medicine, Boston, MA

**POSTGRADUATE TRAINING:**

**Residency**

1999-2004 Rhode Island Hospital, Providence, RI, General Surgery

**Fellowship**

2004-2005 Rhode Island Hospital, Providence, RI  
Minimally Invasive Surgery

**POSTGRADUATE AWARDS AND HONORS:**

2000 Outstanding Intern Award, Department of Surgery  
Brown Medical School

2002 Pfizer Humanitarian Award, Department of Surgery  
Brown Medical School

2003-2004 Haffenreffer Fellow in Medical Sciences  
Brown Medical School

2007	Outstanding Teaching Faculty Award, Department of Surgery Alpert Medical School of Brown University
2001, 2008-10, 2013, 2016, 2018, 2020, 2021	Dean's Excellence in Teaching Award Alpert Medical School of Brown University
2009	Commencement Marshall for Invited Guests, Alpert Medical School
2012-2023	"Top Doc" <i>Rhode Island Monthly</i>
2015, 2018, 2019, 2021	Faculty Award, Alpert Medical School of Brown University
2018, 2019	Physician C.A.R.E. Award, In Recognition for outstanding contribution to The Miriam Hospital and in Enhancing Patient Experience
2019	Hooder, Commencement, Alpert Medical School of Brown University
2023	Student Accessibility Services Access Ambassador Award, Brown University

### **PROFESSIONAL LICENSES AND BOARD CERTIFICATION:**

#### **Medical License**

2004-p Rhode Island # MD11450

#### **Board Certification**

2005-p American Board of Surgery, Certificate #43976  
Recertified December 2015

#### **Other Certification**

2003-2017 Instructor, Advanced Trauma Life Support  
2018-p BLS/ACLS

### **ACADEMIC APPOINTMENTS:**

2003-4	Assistant Instructor in Surgery, Brown Medical School
2004-5	Teaching Instructor in Surgery, Brown Medical School
2005-p	The Warren Alpert Medical School of Brown University, Providence, RI Clinical Assistant Professor of Surgery (2005-2008) Assistant Professor of Surgery (2008-2018)

Assistant Professor of Medical Science (2015-2018)  
Associate Professor of Surgery, Clinician Educator (2018-p)  
Associate Professor of Medical Science, Clinician Educator (2018-p)

**HOSPITAL APPOINTMENTS:**

2004-5 Junior Attending Surgeon, Rhode Island Hospital, Providence, RI  
2004-5 Junior Attending Surgeon, Women & Infants Hospital, Providence, RI  
2005-p Attending Surgeon, Rhode Island Hospital, Providence, RI  
2005-20 Attending Surgeon, Women & Infants Hospital, Providence, RI  
2010-p Attending Surgeon, The Miriam Hospital, Providence, RI  
2010-p Attending Surgeon, Veterans Administration Medical Center, Providence, RI  
  
2019-p Ombudsperson, Urology Residency, Rhode Island Hospital  
  
April 2021-p Director, Center for Bariatric Surgery at Lifespan, Providence, RI

**OTHER APPOINTMENTS:**

2007 AAMC Early Career Women Faculty Professional Development Seminar  
2011 ACS Surgeons as Educators Workshop  
2011, 2017 General Surgery Oral Boards, Associate Examiner, Philadelphia PA  
2012-p Ad hoc Reviewer  
*Hernia*  
*Surgery for Obesity and Related Diseases (SOARD)*  
*BMC Surgery*  
*Journal of Reflective Practice*  
  
2012, 2018-p National Board of Medical Examiners Question Reviewer  
2013, 2016 Instructor, Clinical Performance and Oral Examinations, Surgery, Stowe, VT  
American College of Surgeons Certifying Examination remediation course  
2018-p National Board of Medical Examiners, Surgery Item Writing and Review Group  
2020-p Module Reviewer, ACS/APDS/ASE Resident Prep Curriculum.  
<https://www.facs.org/for-medical-professionals/education/programs/acs-apds-ase-resident-prep-curriculum/> [facs.org]  
  
2023 FACE (Fostering Anti-Racism and Conversations on Equity) Race Workshop

**HOSPITAL COMMITTEES:**

**Rhode Island Hospital**

2001-4 Graduate Medical Education Committee  
2006-7 Technologies Committee  
2006-10 Procedure Review Committee  
2006-12 Bariatric Committee  
2008-9, 2012-13 Simulation Steering Committee  
2010-12 Medical Executive Committee

2016-17                      Surgical Grand Rounds Planning Committee  
2018                              Office Committee, University Surgical Associates

### **The Miriam Hospital**

2012-p                      Bariatric Committee/Bariatric Governance  
  Committee Chair, 2021-p  
2014                              Medical Executive Committee, Nominating Committee

### **Veterans Administration Medical Center**

2016-2020                  Simulation Committee  
2018-p                          Cancer Care Committee

### **UNIVERSITY COMMITTEES:**

2007-p                      Department of Surgery, Surgical Education Committee  
  Surgical Education Committee (2007-2014)  
  *(renamed)* Surgical Programs Evaluation Committee (2014-p)  
2008-09                      Reynolds Clerkship Advisory Group  
  Incorporate geriatric education into Core Clerkships  
2011-2018                  Mom-Doc-Family, Advisory Board Member  
2011-12                      Student Services/Learning Environment Subcommittee  
  Preparation for October 2012 LCME visit to Alpert Medical School  
2012                              Cardiovascular Surgery Search Committee (RIH)  
2013-16                      Medical Faculty Executive Committee  
2015-2017                  Third Year Curriculum Task Force  
2017                              Pathology Chief Search Committee (VAMC)  
2017-p                          Council of Specialty Career Advisors  
2018-p                          Office of Women in Medicine, Advisory Board Member  
2018-p                          Competency Committee  
2018-19                      Department of Surgery, Wellness Committee  
2019-20                      Teaching/ Supervision/ Student Assessment Subcommittee  
  Preparation for 2020 LCME visit  
2020                              Obstetrics and Gynecology Chief Search Committee  
2021-p                          Dept of Surgery, Promotions and Appointments Committee  
2021-22                      Associate Dean for Medical Education Search Committee  
2021-22                      Assistant Dean for Curriculum Search Committee  
2023                              Assistant Dean for Medical Education Search Committee  
2023                              Post-Clerkship Curriculum Redesign Working Group

## **MEMBERSHIP IN SOCIETIES:**

2000-6	Massachusetts Medical Society
2002-p	American College of Surgeons, Fellow
2004-21	Society of American Gastrointestinal Endoscopic Surgeons
2006-p	Providence Surgical Society (ACS) Interviews Committee (2021-p)
2006-p	Rhode Island Medical Women's Association
2007-11	Association for Academic Surgery
2008-p	American Society for Metabolic and Bariatric Surgery
2008-p	Association for Surgical Education Clerkship Directors Committee (2008-p) Assessment & Evaluation Committee (2008-20) Resident Prep Curriculum – Curricular Content Review Subcommittee
2008-13, 21-p	Rhode Island Medical Society
2012-p	New England Surgical Society
2018-p	New England Society for Metabolic and Bariatric Surgery

## **PUBLICATIONS LIST:**

### **ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS**

1. **Ryder BA**, Gohh RY, Hopkins B, et al. Sensitization in Renal Transplantation. *Surgical Rounds*. 2004; 27(9):422-427.
2. Ng T, **Ryder BA**. Evolution to VATS Lobectomy for Early Stage Lung Cancer: Initial Results of the First Thirty Patients. *JACS*. 2006; 203(4):551-557.
3. Iannitti DA, Coburn NG, Somberg J, **Ryder BA**, Monchik J, Cioffi WG. Use of the Round Ligament of the Liver to Decrease Pancreatic Leaks: A Novel Technique. *JACS*. 2006; 203(6):857-864.
4. Muratore CS, **Ryder BA**, Luks FI. Image Display in Endoscopic Surgery. *J. Soc. Inf. Display*. 2007; 15(6):349-356.
5. Pellish R, **Ryder B**, Habr F. An unusual complication: postcolonoscopy appendicitis. *Endoscopy*. 2007 Feb; 39 Suppl 1:E138.
6. Harrington DT, Roye GD, **Ryder BA**, Miner TJ, Richardson P, Cioffi WG. A Time-Cost Analysis of Teaching a Laparoscopic Entero-Enterostomy. *J Surg Educ*. 2007; 64(6):342-5.
7. Ng T, **Ryder BA**, Maziak DE, Shamji FM. Treatment of post-pneumonectomy empyema with continuous antibiotic irrigation. *JACS*. 2008; 206(6):1178-1183.

8. **Ryder BA**, Ng T. Incidental Findings at Surgery – Part 2: Pulmonary Incidentalomas. *Curr Prob Surg.* 2008; 45(6): 403-420.
9. Prendergast CJ, **Ryder BA**, Abodeely A, Muratore CS, Crawford GP, Luks FI. Surgical Performance with Head-Mounted Displays in Laparoscopic Surgery. *J Laparoendosc Adv Surg Tech A.* 2009 Apr;19 Suppl 1:s237-40.
10. Bond DS, Leahey TM, Vithiananthan S, **Ryder BA.** Bariatric Surgery for Severe Obesity: The Role of Patient Behavior. *Med Health RI.* 2009; 92(2):58-60.
11. Bond DS, Raynor HA, Vithiananthan S, Sax HC, Pohl D, Roye GD, **Ryder BA**, Wing R. Differences in Salivary Habituation to a Taste Stimulus in Bariatric Surgery Candidates and Normal-Weight Controls. *Obes Surg.* 2009 Jul; 19(7):873-878.
12. Ng T, **Ryder BA**, Maziak DE, Shamji FM. Thoracoscopic Approach for the treatment of Postpneumectomy Syndrome. *Ann Thorac Surg.* 2009 Sept;88:1015-8.
13. Bond DS, Vithiananthan S, Leahey TM, Thomas JG, Sax HC, Pohl D, **Ryder BA**, Roye GD, Giovanni J, Wing RR. Prevalence and Degree of Sexual Dysfunction in a Sample of Women Seeking Bariatric Surgery. *Surg Obes Relat Dis.* 2009 Nov-Dec;5(6):698-704.
14. Bond DS, Jakicic JM, Vithiananthan S, Thomas JG, Leahey TM, Sax HC, Pohl D, Roye GD, **Ryder BA**, Wing RR. Objective Quantification of Physical Activity in Bariatric Surgery Candidates and Normal-Weight Controls. *Surg Obes Relat Dis.* 2010 Jan-Feb;6(1):72-8.
15. Abodeely AA, Cheah YL, **Ryder BA**, Aidlen JT, Luks FL. Eliminating the Effects of Paradoxical Imaging During Laparoscopic Surgery. *JLAST.* 2010 Feb;20(1): 31-4.
16. Ng T, **Ryder BA**, Machan JT, Cioffi WG. Decreasing the Incidence of Prolonged Airleak After Right Upper Lobectomy with the Anterior Fissureless Technique. *J Thorac Cardiovasc Surg.* 2010 Apr;139(4):1007-1011.
17. Bond DS, Jakicic JM, Unick JL, Vithiananthan S, Pohl D, Roye GD, **Ryder BA**, Sax HC Wing RR. Pre- to Post-operative Physical Activity Changes in Bariatric Surgery Patients: Self-Report vs. Objective Measures. *Obesity.* 2010 Dec;18(12):2395-7.
18. Bond DS, Unick JL, Jakcic JM, Vithiananthan S, Pohl D, Roye GD, **Ryder BA**, Sax HC, Giovanni J, Wing RR. Objective Assessment of Time Spent Being Sedentary in Bariatric Surgery Candidates. *Obes Surg.* 2011 Jun;21(6):811-4.
19. Bond DS, Wing RR, Vithiananthan S, Sax HC, Roye GD, **Ryder BA**, Pohl D, Giovanni J. Significant Resolution of Female Sexual Dysfunction After Bariatric Surgery. *Surg Obes Relat Dis.* 2011 Jan-Feb;7(1):1-7.

20. Thomas JG, Bond DS, **Ryder BA**, Leahey TM, Vithiananthan S, Roye GD, Wing RR. Ecological Momentary Assessment of Recommended Postoperative Eating and Activity Behaviors. *Surg Obes Relat Dis.* 2011 Mar-Apr;7(2):206-12.
21. Leahey TM, Bond DS, Raynor H, Roye D, Vithiananthan S, **Ryder BA**, Sax HC, Wing RR. Effects of Bariatric Surgery on Food Cravings: Do Food Cravings and Consumption of Craved Foods “Normalize” after Surgery? *Surg Obes Relat Dis.* 2012 Jan-Feb;8(1):84-91.
22. Unick JL, Bond DS, Jakicic JM, Vithiananthan S, **Ryder BA**, Roye GD, Pohl D, Trautvetter J, Wing RR. Comparison of two objective monitors for assessing physical activity and sedentary behaviors in bariatric surgery patients. *Obes Surg.* 2012 Mar;22(3):347-52.
23. Bond DS, Thomas JG, **Ryder BA**, Vithiananthan S, Pohl D, Wing RR. Ecological Momentary Assessment of the Relationship between Intention and Physical Activity Behavior in Bariatric Surgery Patients. *Int J Behav Med.* 2013 Mar;20(1):82-7.
24. Ng T, **Ryder BA**, Chern H, Selke FW, Harrington DT, Cioffi WG. Leukocyte-depleted Blood Transfusion is Associated with Decreased Survival in Resected Early-Stage Lung Cancer. *J Thorac Cardiovasc Surg.* 2012 Apr;143(4):815-9.
25. Kuritzky, A, **Ryder BA**, Ng T. Long-Term Survival Outcomes of Video-Assisted Thoracic Surgery (VATS) Lobectomy after Transitioning from Open Lobectomy. *Annals Surg Onc,* 2013 Aug;20(8):2734-40.
26. Drolet BC, Sangisetty S, Mulvaney PM, **Ryder BA**, Cioffi WG. A mentorship-based Preclinical Elective Increases Exposure, Confidence, and Interest in Surgery. *Am J Surg;* 207(2):179-86 2014 Feb.
27. Bond DS, Vithiananthan S, Thomas G, Trautvetter J, Unick JL, Jakcic JM, Pohl D, **Ryder BA**, Wing RR. Bari-Active: A Randomized Controlled Trial of a Preoperative Behavioral Intervention to Increase Physical Activity in Bariatric Surgery Patients. *Surg Obes Relat Dis;* 2015 Jan-Feb;11(1):169-77.
28. Bond DS, Thomas JG, King WC, Vithiananthan S, Trautvetter J, Unick JL, **Ryder BA**, Pohl D, Roye GD, Sax HC, Wing RR. Exercise Improves Quality of Life in Bariatric Surgery Candidates: Results from the Bari-Active Trial. *Obesity;* 2015 March; 23(3):536-42.
29. Day KM, Schwartz TM, Rao V, Khokhar MT, Miner TJ, Harrington DT, **Ryder BA**. Medical student clerkship performance and career selection after a junior medical student surgical mentorship program. *Am J Surg;* 2016 Feb; 211(2):431-6.
30. Bond DS, Graham Thomas J, Vithiananthan S, Webster J, Unick J, **Ryder BA**, Pohl D. Changes in enjoyment, self-efficacy, and motivation during a randomized trial to promote

- habitual physical activity adoption in bariatric surgery patients. *Surg Obes Relat Dis*; 2016 Jun; 12(5):1072-9.
31. Bond DS, Thomas JG, Vithiananthan S, Unick J, Webster J, Roye GD, **Ryder BA**, Sax HC. Intervention-related increases in preoperative physical activity are maintained 6 months after bariatric surgery: results from the bari-active trial. *Int J Obes (London)*; 2017 Mar; 41(3): 467-470.
  32. Bond DS, Raynor HA, Thomas JG, Unik J, Webster J, **Ryder B**, Vithiananthan S. Greater Adherence to Recommended Morning Physical Activity is Associated with Greater Total Intervention-Related Physical Activity Changes in Bariatric Surgery Patients. *Journal of Physical Activity and Health*; 2017 Jun; 14(6): 492-498.
  33. Giorgi, M, **Ryder BA**, Chong T, Malek J, Sangisetty S, Roye GD, Stafford T, Vithiananthan S. Safety of Retrievable Inferior Vena Cava Filter Placements in High-Risk Bariatric Surgery Patients. *Bari Surg Practice and Patient Care*; 2018 Mar 1; 13(1).
  34. Dressler JA, **Ryder BA**, Connolly M, Blais MD, Miner TJ, Harrington DT. “Tweet”-Format Writing is an Effective Tool for Medical Student Reflection. *J Surg Educ*; 2018 Sep-Oct; 75(5): 1206-1210.
  35. Ferreira KS, Lynch K, **Ryder BA**, Connolly M, Miner T, Harrington DT. Lessons Learned From the Surgical Morbidity and Mortality Conference. *J Surg Educ*; 2018 Aug 17 (Epub); 2019 Jan-Feb; 76(1):174-81.
  36. Panagiotou OA, Markozannes G, Adam GP, Kowalski R, Gazula A, Di M, Bond DS, **Ryder BA**, Trikalinos TA. Comparative Effectiveness and Safety of Bariatric Procedures in Medicare-Eligible Patients: A Systematic Review. *JAMA Surg*; 2018 Nov 1;153(11). Epub 2018 Nov 21.
  37. Dressler JA, **Ryder BA**, Monteiro K, Cheschi E, Connolly M, Miner TJ, Harrington DT, “Tweet”-format Reflective Writing: A Hidden Needs Assessment? *Am J Surg*; 2018 Sept 21 (Epub); 2019 Feb; 217(2):214-317.
  38. Boyajian MK, Lubner RJ, Roussel LO, Crozier JW, **Ryder BA**, Woo AS. A 3D Printed Suturing Trainer for Medical Students. *Clin Teach*; 2020 Jun 26 (Epub); 2020 Dec;17(6):650-654.
  39. Shapiro M, Leenan D, **Ryder B**, Stafford T, Roye GD, Vithiananthan S. Online Informational Bariatric Seminars: Increasing Access to Bariatric Surgery or Widening a Divide? *Surg Endoscopy*; 2022 Mar;36(3):2146-2150. Epub 2021 March 29.

## BOOK CHAPTERS

1. Dressler J, **Ryder BA**. (2022) Chapters 18-20: The Pre-Clerkship Guide: Procedures and Skills for Clinical Rotations. Wolters Kluwer, New York, USA.

## ABSTRACTS

1. **Ryder BA**, Ng T. Evolution to Video Assisted Thoracic Surgery [VATS] Lobectomy after Training: Initial Results of the First Thirty Cases. Presented at Canadian Surgical Forum; Montreal, Canada, September 2005.
2. Ng T, **Ryder BA**, Monchik JM. Thoroscopic Resection of a Mediastinal Parathyroid Adenoma. Presented at American College of Surgeons Annual Meeting; San Francisco, California, October 2005.
3. **Ryder BA**, Ng T. Laparoscopic Repair of a Foramen of Morgagni Hernia. Video presentation at Society of American Gastrointestinal Endoscopic Surgeons (SAGES); Dallas, TX, April 2006.
4. Ng T, **Ryder BA**, Maziak DE, Shamji FM. Treatment of post-pneumonectomy empyema with continuous antibiotic irrigation for thoracic space sterilization. Presented at the World Congress of the World Society of Cardio-Thoracic Surgeons; Ottawa, Canada, August 2006.
5. Harrington DT, Roye GD, **Ryder, BA**, Richardson P, Cioffi WG. A time-cost analysis of teaching a laparoscopic entero-enterostomy. Presented at the American Program Director's Society Meeting, April 2007.
6. Abodeely AJ, Cheah YL, **Ryder, BA**, Luks FI. Eliminating Paradoxical Imaging During Laparoscopic Surgery in the Age of Head-Mounted Display. Poster display, Society of American Gastrointestinal Endoscopic Surgeons (SAGES); Philadelphia PA, April 2008.
7. Prendergast, CJ, Abodeely AJ, **Ryder BA**, Crawford GJ, Luks FI. Surgical Performance with Head-Mounted Displays in Laparoscopic Surgery. Presented at the 17<sup>th</sup> Annual Congress for Endosurgery in Children (IPEG); Cannes, France, June 2008.
8. **Ryder BA**, Roye GD, Harrington DT, Mi Z, Cioffi WG. Screening for Hypercoagulable States can reduce thromboembolic complications after Bariatric Surgery. Presented at the American College of Surgeons; San Francisco, California, October 2008.
9. Ng T, **Ryder BA**, Maziak DE, Shamji FM. Video assisted thoracic surgery (VATS) debridement and continuous antibiotic irrigation for the treatment of post pneumonectomy empyema without bronchopleural fistula. Presented at the American College of Surgeons; San Francisco CA, October 2008.

10. Ng T, **Ryder BA**, Cioffi WG. Decreasing the incidence of airleak after right upper lobectomy by anterior fissureless technique. Poster display, American College of Surgeons; San Francisco CA, October 2008.
11. **Ryder BA**, Kurkchubasche AG, Chung MA, Richardson PJ, Harrington DT, Cioffi WG. A women surgeons' group aids retention of female surgical residents. Poster display, Association of American Medical Colleges (AAMC) Annual Meeting; San Antonio, Texas, November 2008.
12. Ng T, **Ryder BA**, Abu-Hijleh M, Maziak DE, Shamji FM. Thoracoscopic Approach for the Treatment of Postpneumonectomy Syndrome. Presented at Society of Thoracic Surgeons; San Francisco, CA, January 2009.
13. Bond DS, Jakicic JM, Leahey TM, Thomas JG, Vithiananthan S, Pohl D, Roye D, **Ryder BA**, Sax HC, Wing RR. Objective Quantification of Amount and Intensity of Physical Activity (PA) in Bariatric Surgery Candidates and Age- and Sex-Matched Normal Weight (NW) Controls. Presented at American Society for Metabolic and Bariatric Surgery (ASMBS) Annual Meeting; Dallas, TX, June 2009. *\*Awarded best abstract of the session.*
14. Bond DS, Vithiananthan S, Sax HC, Pohl D, **Ryder BA**, Leahey TM, Thomas JG, Wing RR. Prevalence and Degree of Sexual Dysfunction in Women Seeking Bariatric Surgery. Presented at American Society for Metabolic and Bariatric Surgery (ASMBS) Annual Meeting; Dallas, TX, June 2009.
15. Leahey TM, Bond DS, Thomas JG, Raynor H, Roye D, Pohl D, Vithiananthan S, **Ryder BA**, Sax HC, Wing RR. Do Food Cravings and the Consumption of Craved Foods "Normalize" After Bariatric Surgery? Presented at American Society for Metabolic and Bariatric Surgery (ASMBS) Annual Meeting; Dallas, TX, June 2009.
16. Thomas JG, Bond DS, Pohl D, Roye D, Vithiananthan S, **Ryder BA**, Leahey TM, Raynor H, Sax HC, Wing RR. Internal Disinhibition (ID) Predicts Weight Loss Immediately Following Bariatric Surgery. Presented at American Society for Metabolic and Bariatric Surgery (ASMBS) Annual Meeting; Dallas, TX, June 2009.
17. Ng T, **Ryder BA**, Fontaine JP, Cioffi WG. Technical Considerations of Video Assisted Thoracic Surgery (VATS) Lobectomy. Presented at American College of Surgeons Annual Meeting; Chicago, IL, October 2009.
18. Leahey TM, Bond DS, Thomas JG, Raynor H, Vithiananthan S, Roye GD, Pohl D, **Ryder BA**, Sax HC, Wing RR. Bariatric Surgery is not Associated with Long-Term Changes in Food Preferences. Poster display, ASMBS, Las Vegas, NV, June 2010.
19. Bond DS, Vithiananthan S, Leahey TM, Thomas JG, Pohl D, **Ryder BA**, Roye GD, Giovanni J, Sax HC, Wing RR. Significant Resolution of Female Sexual Dysfunction (FSD) Following Bariatric Surgery. Presented at ASMBS, Las Vegas, NV, June 2010.

20. Thomas JG, Bond DS, Leahey TM, **Ryder BA**, Roye GD, Vithiananthan S, Sax HC, Pohl D, Wing RR. Evaluation of Post-operative Adherence to Recommended Eating and Activity Behaviors in Patient's Natural Environment via Ecological Momentary Assessment (EMA). Presented at ASMBS, Las Vegas, NV, June 2010.
21. Bond DS, Wing RR, Nash JM, Vithiananthan S, **Ryder BA**, Roye GD, Pohl D, Sax HC. Significant Reduction in Migraine Headache Frequency, Pain Severity, and Disability in Severely Obese Patients Following Bariatric Surgery. Presented at Obesity Society Annual Meeting, San Diego, CA, October 2010.
22. Ahmed S, **Ryder BA**, Ng T. Foramen of Morgagni Hernia: Laparoscopic Patch Repair. Video presentation, Society of American Gastrointestinal Endoscopic Surgeons (SAGES), San Antonio, TX, March 2011.
23. Rajae S, **Ryder BA**, Abodeely A, Roye GD, Harrington DT. Does Parental Weight Loss After Gastric Bypass Affect the Weight Loss of Children in the Household? Poster display, ASMBS, Orlando, FL, June 2011.
24. Ng T, Chern H, **Ryder BA**, Selke FW, Harrington DT, Cioffi WG. The Effect of Leukocyte-depleted Blood Transfusion in Resected Early Stage Lung Cancer. Presented at Western Thoracic Surgical Association, Colorado Springs, CO, June 2011.
25. Kuritzky, A, **Ryder BA**, Ng T. Long-Term Survival Outcomes of Video-Assisted Thoracic Surgery (VATS) Lobectomy after Transitioning from Open Lobectomy. Presented at New England Surgical Society, Rockport, ME, September 2012.
26. Drolet BC, Sangisetty S, **Ryder BA**, Cioffi WG. Preclinical Medical Student Elective to Increase Early Exposure, Confidence and Matriculation in Surgery. Poster display, American College of Surgeons Annual Meeting, Chicago, IL, October 2012.
27. Mulvaney P, Sangisetty S, Drolet BC, **Ryder B**, Cioffi WG. A Mentorship-Based Elective Increases Exposure, Confidence and Interest in Surgery. Presented at Association for Surgical Education Annual Meeting, Orlando, FL, April 2013.
28. Chao SY, **Ryder B**, Harrington DT. Resident Teaching Conferences Improve Medical Student Performance on Surgery Shelf Exams. Presented at New England Surgical Society's 20<sup>th</sup> Annual Surgical Resident and Fellow Research Presentation Day, Providence, RI, May 2013.
29. Chao SY, **Ryder B**, Harrington DT. Resident Teaching Conferences Improve Medical Student Performance on Surgery Shelf Exams. Presented at New England Surgical Society, Annual Meeting, Hartford, CT, September 2013.
30. Maloomian KS, Roye GD, **Ryder BA**, Metro SE, Armstrong KC, Rajadurai S, Vithiananthan S. Time to Eliminate Long Duration Preoperative Medically Supervised Weight Loss: A Money Loser Without Clinical Benefits. Poster Display, Association of

Metabolic and Bariatric Surgeons (ASMBS), Annual Meeting, Atlanta, GA, November 2013.

31. Maloomian KS, Vithiananthan S, **Ryder BA**, Stiles SM, Armstrong KC, Vigneswaran H, Roye GD. Less is More: Bariatric Surgery Related Weight Loss In Publicly Insured Patients and Duration of Mandated Preoperative Diet Program. Presented at Association of Metabolic and Bariatric Surgeons (ASMBS), Annual Meeting, Atlanta, GA, November 2013.
32. Bond DS, Trautvetter J, Thomas G, Unick JL, Vithiananthan S, Jalcic JM, Pohl D, **Ryder BA**, Wing RR. Bari-Active: A Randomized Controlled Trial of a Preoperative Behavioral Intervention to Increase Physical Activity in Bariatric Surgery Patients. Presented at Association of Metabolic and Bariatric Surgeons (ASMBS), Annual Meeting, Atlanta, GA, November 2013. *\*First Place, Integrated Health Research Award*
33. Day KM, Schwartz TM, Rao V, Khokhar MT, Miner TJ, Harrington DT, **Ryder BA**. Impact of Early Structured Medical Student Mentorship in Surgery on Student Confidence, Clerkship Performance, and Career Selection. Poster display, Association for Surgical Education Annual Meeting, Seattle, WA, April 2015.
34. Shim JK, Roye GD, **Ryder BA**, Armstrong K, Vithiananthan S. A Multidisciplinary Approach to Reduce Postoperative Readmission After Bariatric Surgery in a Single Institution. Poster display, Society of American Gastrointestinal Endoscopic Surgeons (SAGES) annual meeting, Boston MA, March 2016.
35. Fingeret A, **Ryder B**. Use of Mobile Platforms for Student Assessment – How to Leverage Apps and Other Software. Workshop, Association for Surgical Education Annual Meeting, Boston, MA, April 2016.
36. Giorgi M, Roye GD, Chong T, Malek J, Shim J, Sangisetty S, **Ryder BA**, Stafford T, Vithiananthan S. Safety of Retrievable Inferior Vena Cava Filter Placements in High Risk Bariatric Surgery Patients. Oral Presentation, New England Surgical Society, Annual Meeting, Boston, MA, September 2016.
37. Ferreira KS, Lynch K, **Ryder BA**, Connolly M, Miner TJ, Harrington DT. Lessons Learned from the Surgical Morbidity and Mortality (M&M) Conference. E-poster display with short talk, Association for Program Directors in Surgery Annual Meeting, San Diego, CA, April 2017.
38. Dressler J, **Ryder BA**, Connolly M, Dias Blais M, Miner TJ, Harrington DT. “Tweet-Format Writing is an Effective Tool for Medical Student Reflection. E-poster display with short talk, Association for Surgical Education Annual Meeting, San Diego, CA, April 2017.
39. Dressler JA, **Ryder BA**, Cheschi E, Miner T, Monterio K, Connolly M, Harrington DT. “Tweet”-Format Reflective Writing: A Hidden Needs Assessment? Oral Presentation, Association for Surgical Education, Annual Meeting, Austin, TX, May 2018.

40. Giorgi M, Goriparthi R, Roberts C, Zhang Y, Kim S, Alterio A, McLaughlin A, Roye GD, Stafford T, **Ryder BA**, Vithiananthan S. Social Factors as Predictors of Outcomes in Primary Bariatric Surgery. Oral presentation, Association of Metabolic and Bariatric Surgeons (ASMBS) Annual Meeting, Nashville, TN, November 2018.
41. Goriparthi R, Roberts C, Giorgi M, Kim S, Zhang Y, Alterio A, Roye GD, Stafford T, **Ryder BA**, Vithiananthan S. Patterns of Preventable ED Visits Within Two Years After Bariatric Surgery. Retrospective Chart Review in a Single Institution. E-poster display, Association of Metabolic and Bariatric Surgeons (ASMBS) Annual Meeting, Nashville, TN, November 2018.
42. Cortez R, Dressler J, Koen N, Cheschi E, Harrington DT, **Ryder BA**. Using Surgical Clerkship Entrustable Professional Activities (EPAs) to Identify At-Risk Students. Poster Display, 5<sup>th</sup> Annual Medical Education Scholarship Poster Session, Alpert Medical School, Brown University, May 2019.
43. Boyajian, MK, Lubner RJ, Roussel LO, Crozier JW, **Ryder BA**, Woo AS. Innovating the Medical Student Suturing Curriculum with a 3D Printed Training Tool. Oral Presentation, American Society of Plastic Surgeons (ASPS) Annual Meeting, San Diego, CA, September 2019.
44. Cortez R, Dressler J, Lynch K, Cioffi WG, Harrington DT, **Ryder B**. Using Surgical Clerkship Entrustable Professional Activities (EPAs) to Identify At-Risk Medical Students. Accepted for Oral Presentation, Association for Surgical Education, Annual Meeting, Seattle WA, April 2020 – *MEETING CANCELLED DUE TO COVID-19*
45. Shapiro M, Leenen D, Stafford T, Roye GD, **Ryder B**, Vithiananthan S. Online Informational Bariatric Seminars: Increasing Access to Bariatric Surgery or Widening a Divide? SAGES Annual Meeting, August 2020 (virtual meeting)
46. Fornasaro-Donahue V, Bond DS, Giorgi M, **Ryder BA**, Vithiananthan S. Better than Expected: Associations of Positive Discrepancy Between Expected and Actual Weight Loss with Early Weight Outcomes after Metabolic and Bariatric Surgery. Poster display, Association of Metabolic and Bariatric Surgeons (ASMBS) Annual Meeting, Dallas TX, June 2022.
47. Mair AM, Kurland K, Lynch KA, **Ryder BA**. Narrative reflections from a night on trauma call: An innovative way to identify with student experiences and guide curriculum development. Association for Surgical Education, Annual meeting, San Diego, CA, April 2023.
48. Thorne W, Snegovskikh D, Giorgi M, Luhrs AR, Stafford TS, Armstrong K, **Ryder, BA**. Use and efficacy of pre-operative aprepitant as an anti-emetic in laparoscopic sleeve gastrectomy. Association of Metabolic and Bariatric Surgeons (ASMBS) Annual Meeting, Las Vegas NV, June 2023.

## **SCHOLARLY WORK PUBLISHED IN OTHER MEDIA**

### **NON-PEER-REVIEWED**

1. Feedback. Podcast, Department of Surgery Sharepoint site. 2020.

## **INVITED PRESENTATIONS**

### **Regional**

1. Resident Work Hours: A Debate. Grand Rounds, Department of Surgery, Brown Medical School, March 2003.
2. Sentinel Lymph Node Biopsy: Past, Present and Future. Grand Rounds, Department of Surgery, Brown Medical School, December 2003.
3. Laparoscopy in the Acute Setting. Grand Rounds, Department of Surgery, Brown Medical School, April 2005.
4. An Interesting Case. GI/Surgery Conference, Warren Alpert School of Medicine, Brown University, April 2007.
5. Invited Panelist, An 84-year-old female with abdominal pain and vomiting. Department of Medicine Morbidity & Mortality Conference, Warren Alpert School of Medicine, Brown University, September 11, 2007.
6. Laparoscopic Gastric Band Outcomes. Faculty Benchmark Presentation, Department of Surgery Morbidity and Mortality Conference, Alpert Medical School, Brown University, November 2007.
7. Invited Panelist, Teaching Professionalism in Medical Education. Parents' Weekend panel discussion, Alpert Medical School, Brown University, October 18, 2008.
8. Invited Panelist, Whole Physician Program: Surgery Panel. Alpert Medical School, Brown University, October 27, 2009.
9. Invited Panelist, Case #2: "I had a dizzy spell." Department of Medicine Morbidity & Mortality Conference, Warren Alpert School of Medicine, Brown University, February 9, 2010.
10. PACU Inservice: Perioperative Bariatric Surgery Complications. Rhode Island Hospital, March 16, 2010.

11. Obesity: Definition and Statistics. First Annual Bariatric Symposium, Rhode Island Hospital, February 3, 2011.
12. Care of the Post Bariatric Surgery Patient. Rhode Island Academy of Family Physicians 2011 Primary Care Conference, Department of Family Medicine, Brown University, Warwick, RI, June 4, 2011.
13. Moderator, Careers for Women in Surgery: Perspectives on Clinical Practice, Teaching, Research and Administration. Office of Women in Medicine and Science, Alpert Medical School, Brown University, February 2, 2012.
14. Update on Bariatric Surgery. Rhode Island Academy of Family Physicians 2012 Primary Care Conference, Department of Family Medicine, Alpert Medical School, Brown University, Providence, RI, June 8, 2012.
15. Invited Panelist, Treatment Options: Surgery. 2013 Rhode Island Obesity Symposium, Lifespan Center for Bariatric Surgery, Providence, RI, April 30, 2013.
16. The CHANGES Clinic: Creating Healthy Attitudes Nutrition Goals and Exercise Strength. Pediatric Grand Rounds, Hasbro Children's Hospital, September 27, 2013.
17. Wrap-Up. 2014 Rhode Island Obesity Symposium, Lifespan Center for Bariatric Surgery, Providence, RI, May 6, 2014.
18. Bariatric Surgery in Women. 2014 RI Association of Peri-Anesthesia Nurses Fall Conference, Providence RI, October 18, 2014.
19. Update on Medical Student Education- Introduction of a Quality Improvement Project. Grand Rounds, Department of Surgery. Rhode Island Hospital. September 12, 2017.
20. Imaging after Bariatric Surgery: What are we looking for? Radiology Imaging Conference, Department of Radiology. Rhode Island Hospital, December 13, 2018.
21. Invited panelist, Women in Surgery Panel. Association of Women Surgeons, Alpert Medical School, Brown University. Zoom conference, October 5, 2020.
22. Moderator, Scientific Session III. New England Surgical Society 103<sup>rd</sup> Annual Meeting, Boston MA. September 16-18, 2022.
23. Invited speaker / panelist, General Surgery. Mentorship, Early Exposure, and Training in Surgery (MEETS) Program. Alpert Medical School, Brown University. April 10, 2023.

### **National**

1. Ryder BA, Ng T. Laparoscopic Repair of a Foramen of Morgagni Hernia. Society of American Gastrointestinal Endoscopic Surgeons (SAGES); Dallas, TX, April 2006.

2. Ryder BA, Roye GD, Harrington DT, Mi Z, Cioffi WG. Screening for Hypercoagulable States can reduce thromboembolic complications after Bariatric Surgery. American College of Surgeons; San Francisco, California, October 14, 2008.
3. Use of Mobile Platforms for Student Assessment – How to Leverage Apps and Other Software. Workshop, Association for Surgical Education Annual Meeting, Boston, MA, April 13, 2016.

### **International**

1. Ryder BA, Ng T. Evolution to Video Assisted Thoracic Surgery [VATS] Lobectomy after Training: Initial Results of the First Thirty Cases. Canadian Surgical Forum; Montreal, Canada, September 2005.
2. Ryder BA, Ng T. Laparoscopic Repair of a Foramen of Morgagni Hernia. 10<sup>th</sup> World Congress of Endoscopic Surgery; Berlin, Germany, September 2006.

### **GRANTS:**

1. Behavior changes in women undergoing bariatric surgery

Principal Investigator: Wing RR.  
 Co-Investigators: Raynor HA, Bond DS, Sax HC, Ryder BA.  
 Sponsors: The Alpert Medical School of Brown University/  
 Woman and Infants Hospital National Center of  
 Excellence in Women's Health  
 Amount: \$20,000  
 Dates: 2007-2008

2. Facial soft-tissue changes after massive weight loss (IRB#4118-07)

Principal Investigator: Ryder BA  
 Co-Investigators: Hoy E, Sullivan P  
 Sponsor: Department of Surgery  
 Dates: 2007-2011

3. RTFO #28: Bariatric Surgery in the Medicare Population

Principal Investigator: Trikalinos TA  
 Co-Investigators: Panagiotou O, Adam G, Legault J  
 Content Experts: Bond D, Ryder BA  
 Sponsor: Center for Medicare/Medicaid  
 Amount: \$355,000  
 Dates: 2016-2017

## **UNIVERSITY TEACHING ROLES:**

- 2007-p Biology 3900: Third Year Medical Student Core Clerkship in Surgery  
Clerkship Co-Director  
100-140 third year medical students enrolled annually  
2004-13, 2018: Core Clerkship Lecture “Hernia”  
2011-p: Core Clerkship Lecture “Oral exam review”  
2016-18: Case presentations facilitator
- 2011-2016 Biology 6509: Introduction to Surgery Preclinical Elective  
Elective intended to introduce 1<sup>st</sup> and 2<sup>nd</sup> year students to surgery  
8-12 students enrolled per semester
- 2011-12 Resident Co-Leaders: Brian Drolet & Suma Sangisetty (both PGY-3);  
Student Leaders: Paul Shultz (MD’14, orthopedics, U Chicago), Eric Lee  
(MD’14, emergency medicine, Mt. Sinai)
- 2012-13 Resident Co-Leaders: Kris Day (PGY-3), Larissa Chiulli (PGY-2),  
Mamoona Khokhar (PGY-2); Student Leaders: Patrick Mulvaney (MD’15,  
dermatology, Mass General), Amrin Khander MD’15, OB/Gyn, Mt. Sinai)
- 2013-14 Resident Coordinators: Mamoona Khokhar (PGY-3), Jon Bass  
(PGY-2); Student Leaders: Jordan Thompson (MD’17, dermatology,  
AMS/Brown), Matthew Shalvoy (MD’16, radiology, BI/Deaconess)
- 2014-15 Resident Coordinator: Jon Bass (PGY-3); Student Leaders: Vinay  
Rao (MD’17, plastic surgery, AMS/Brown), Tayler Schwartz (MD’17,  
ophthalmology, Cornell)
- 2015-16 Resident Coordinator: Jonathan Brower (PGY-3); Student Leaders:  
Jason Marwaha (MD’18, general surgery, Georgetown), Dewahar Senthooor  
(MD’18, general surgery, AMS/Brown)
- 2012 Biology 5885: Clinical Skills Clerkship Lecture, “Surgical Billing 101”
- 2013-2020 Biology 4285: Surgery Boot Camp, Course Director  
1 week elective intended to prepare graduating students for surgical internship  
10-12 students annually
- 2013 Student leader: Ross Beckman (MD ’13, general surgery, Johns Hopkins)
- 2014 Student leaders: Shreyus Kulkarni (MD ’14, general surgery, Pittsburgh)  
Raj Vagjani (MD ’14, general surgery, Einstein)

2015 Student leader: Helen Johnson (MD '15, general surgery, East Carolina University)

2016, 2017, 2018 no student leader

2019 Student liaison: Cullen Roberts (MD '19, general surgery, Brigham)

2020 no student leader

2015-p Director, Surgery LIC Clerkship, Biology 3915  
2015-16: 8 students  
2016-17: 12 students  
2017-18: 15 students  
2018-19: 22 students  
2019-20: 24 students  
2020-21: 24 students  
2021-22: 16 students  
2022-23: 16 students  
Lectures: "Abdominal Pain," "Postoperative complications"  
Morning Report "expert" 2-6 x yearly  
Preceptor for 2 students at Providence VA annually, 4 hours/ week

### **HOSPITAL TEACHING ROLES**

2005-6 Laparoscopy 101  
Lecture/video/journal club series for PGY-2 residents (7 residents)

2006-12 Laparoscopy Skills Lab  
Plan/implement laparoscopic curriculum for PGY 1-3 (25-30 residents annually)  
Direct weekly "dry lab" sessions using FLS trainers  
Proctor animate lab sessions

2012-2021 Incoming intern boot camp  
Oral exam "pre-test" to assess ability to manage common on-call problems  
Skills lab – suturing  
Introduction to FLS (Fundamentals of Laparoscopic Surgery)

2016 Resident Humanities Curriculum (with Michael Connolly, MD)  
Review of Blindspot, 2 sessions during resident teaching conference

2018 Mock Oral Exam Remediation for PGY 3,4,5 residents

2019 Mock Oral Examinations  
Lecture, "Stomach/ Obesity"

2020-21	Intern conference: Hernia Resident conference: Gallbladder Mock Oral Examinations
2021-22	Intern conference: Hernia Resident conference: Peptic ulcer disease Mock Oral Examinations
2022-23	Intern conference: Medical student teaching Resident conference: Acute abdominal pain / Electrosurgery Mock Oral Examinations
2022-23	4 <sup>th</sup> year General Surgery Class meetings In conjunction with Debolina Banerjee, MD and Elizabeth Tindal, MD Zoom meetings once a month Content to help with preparation for internship

### **MENTORING ROLES:**

#### **Independent Study Projects**

Spring 2011	Portia Thurmond (MD '11, general surgery, Dartmouth) "Building a Better Intern: A 4 <sup>th</sup> year elective to improve the transition between the 4 <sup>th</sup> year of medical school and intern year of residency"
Spring 2012	Kimberly Matthews (MD '12, pediatrics) "Returning to Surgery" 2 week elective reading period prior to making up the remainder of her surgical clerkship
August 2014	Helen Johnson (MD '15, general surgery, East Carolina University) "Foundations in Surgical Education" 4 week project to improve Surgery Core Clerkship faculty lecture series
Dec/Jan 2014/15	Helen Johnson (MD '15, general surgery, East Carolina University) "Improving the Curriculum for Surg 4285" ("Surgery Boot Camp") 3 week curriculum improvement project
2016-7	Sofia Aronson (MD '18, plastic surgery, Northwestern) Alexandre Boulos (MD '18, orthopedic surgery, Brown) Cassandra Duarte (MD '18, medicine, University of Colorado) "Surgery Clerkship Curriculum Development" Two 2 week projects to build a curriculum guide for the core clerkship

### **Longitudinal Clerkship: 6-month clinical office mentorship with student**

2010-11 Portia Thurmond (MD '11, general surgery, Dartmouth)  
2011-12 Dana Scott (MD '13, OB/Gyn, Univ Minnesota)

### **Medicine in Action Program, Preclinical medical student, 1 day shadowing experience**

2008 Kaitlin Lemli (MD '12, pediatrics, UCSF),  
Daniel Cho (MD/PhD '15, plastic surgery, Univ. Washington)  
2009 Zerlina Wong (MD '12, anesthesia, UPenn)  
2014 Sophia Lin (MD '17, anesthesia, Johns Hopkins)  
2015 Elaine Tran (PLME student, MD '22, ophthalmology, UCSD)  
2016 Elaina Wang (PLME student, MD '22, neurosurgery, Brown)

### **Women in Medicine Mentorship Program**

2008 Kaitlin Lemli (MD '12, pediatrics, UCSF)  
2010 Diana Escobar (MD '15, anesthesiology, Stony Brook)

### **Council of Specialty Career Advisors**

2016-17 Rachel Sargent (MD '17, general surgery, USC)

2017-18 Susannah Crepet (MD '18, anesthesia, Brown)  
Noah Donaghue (MD '18, radiology, UMass)  
Samantha Roche (MD '18, general surgery, Johns Hopkins)  
Claudine Yee (MD '18, ophthalmology, OHSU)

2018-19 Ananya Anand (MD '19, general surgery, Stanford)  
Hiba Dhanani (MD '19, general surgery, Baystate)  
Stephanie Presser (MD '19, general surgery, Yale)  
Cullen Roberts (MD '19, general surgery, Brigham)  
Cynthia Susai (MD '19, general surgery, UCSF East Bay)

2019-20 Brian Campos (MD '20, general surgery, BI-Deaconess)  
Nicholas Gabinet (MD '20, general surgery, Brown)  
Eva Koeller (MD '20, general surgery, Brown)  
Connie Liou (MD '20, interventional radiology, Columbia)

2020-21 Sarah Hayes (MD '21, general surgery, UChicago)  
Ruben Lesnick (MD '21, general surgery, Swedish Medical Center)  
Ollin Venegas (MD '21, anesthesia, Univ New Mexico)

2021-22 Ashley Aldridge (MD '22, general surgery, Ohio State)

Jessica Cao (MD '22, general surgery, UChicago)  
Christopher Halline (MD '22, anesthesiology, UChicago)  
Alice Huang (MD '22, internal medicine, Barnes-Jewish, Wash U SOM)

2022-23                    Can Cao (“Lulu”) (MD '23, general surgery, Mt. Sinai SOM)  
                                 Anastasia Tillman (MD '23, general surgery, Brown)

2023-24                    Grace Klaris (anticipated MD '24)

## **Department of Surgery**

### **Assigned Intern Mentees**

2018                    Anna Louie, MD  
2019                    Madigan Stanley, MD  
2020                    Lauren Cornouyer, MD  
2022                    Ashley Gallagher, MD

### **MIS Fellowship Applicants**

2022                    Michael Danise, MD; Holden Spivak, MD; Elizabeth Tindal, MD; Jenny  
                                 Zhang, MD

### **Wellness Small Group Leader**

2020                    (with T. Nicholas Carruthers, MD) small group with 5 residents