

## **CURRICULUM VITAE**

**Brandon J. Rebholz, MD, FAAOS**  
**Diplomate American Board of Orthopaedic Surgery**

**OFFICE ADDRESS:** NeuroSpine Center of Wisconsin  
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### **EDUCATION:**

#### **Undergraduate**

8/1993 - 5/1994 Marquette University, Milwaukee, WI

8/1994 - 12/1994 University of Montana, Missoula, MT

1997 - 1999 BA - Agricultural Science, University of Wisconsin, Madison, WI

#### **Post Baccalaureate Pre-medical**

2000 – 2001 Loyola University, Chicago, IL

#### **Medical Education**

2002 – 2006 MD, Medical College of Wisconsin, Milwaukee, WI

### **POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:**

7/2006 - 6/2011 Resident, Department of Orthopaedic Surgery, Medical College of Wisconsin Affiliated Hospitals, Milwaukee, WI

8/2011 - 7/2012 Fellow, Orthopaedic Spine Surgery, Department of Orthopaedic Surgery, University of California Los Angeles, Los Angeles, CA

### **FACULTY APPOINTMENTS:**

9/2015 – 9/2024 Assistant Professor, Department of Orthopaedic Surgery and Neurosurgery, Medical College of Wisconsin, Milwaukee, WI

### **ADMINISTRATIVE APPOINTMENTS:**

9/2015 – 9/2024 Orthopaedic Spine Surgery Division Chief, Department of Orthopaedic Surgery, Medical College of Wisconsin, Milwaukee, WI

**HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:**

9/2020 – 9/2024 Medical Executive, Department of Orthopaedic Surgery Representative, SpineCare and Comprehensive Pain Program Medical Executive Committee, Medical College of Wisconsin, Milwaukee, WI

**HOSPITAL STAFF PRIVILEGES:**

8/2024 – Present ThedaCare Medical Center – Orthopaedic, Spine, and Pain, 2400 E. Capitol Dr., Appleton, WI 54911  
8/2024 – Present ThedaCare Regional Medical Center, 130 Second St., Neenah, WI 54956  
8/2024 – Present Advanced Spine Center of Wisconsin, 1380 Tullar Rd, Neenah, WI 54956  
9/2015 – 9/2024 Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226  
7/2016 – 9/2024 Froedtert Menomonee Falls Hospital, W180 N8085, Town Hall Rd, Menomonee Falls, WI 53051  
9/2012 – 7/2016 Midwest Spine and Orthopaedic Hospital, 601 N. 99<sup>th</sup> Street, Wauwatosa, WI 53226  
9/2012 – 7/2017 Midwest Orthopaedic Specialty Hospital, 10101 S. 27<sup>th</sup> Street, Franklin, WI 53132  
9/2012 – 7/2017 Wheaton Franciscan Franklin Hospital, 10101 S. 27<sup>th</sup> Street, Franklin, WI 53132  
9/2012 – 7/2016 Elmbrook Memorial Hospital, 19333 W North Ave, Brookfield, WI 53045  
9/2012 – 7/2016 St. Francis Hospital, 3237 S. 16<sup>th</sup> Street, Milwaukee, WI 53215  
9/2012 – 9/2014 Wheaton Franciscan All Saints Hospital, 3801 Spring Street, Racine, WI 53405

**SPECIALTY BOARDS AND CERTIFICATION:**

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Orthopaedic Surgery	07/2014	07/2034

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	51083-20	11/20/2007	10/31/2025
California License	A115472	01/12/2011	05/31/2022

**AWARDS AND HONORS:**

05/2005 Alpha Omega Alpha Medical Honor Society  
06/2006 The Walter P. Blount Award for Orthopaedics  
05/2010 American Orthopaedic Association Resident Leadership  
06/2011 John S. Gould Lectureship Outstanding Research Award

06/2019 Michael C. Collopy Excellence in Clinical Teaching Award

**MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

05/2005 – Present Alpha Omega Alpha Medical Honor Society  
07/2006 – Present American Board of Orthopaedic Surgery, Diplomate  
07/2006 – Present American Academy of Orthopaedic Surgery  
07/2006 – Present Wisconsin Orthopaedic Society  
05/2010 – Present American Orthopaedic Association—Emerging Leaders  
03/2011 – Present North American Spine Society  
08/2011 – Present AO Spine North America  
1/2016 – 1/2021 Lumbar Spine Research Society

**EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**

Journal Review

03/2016 – Present World Neurosurgery

Ad-hoc Reviews

2013 – Invited abstract reviewer, North American Spine Society annual meeting  
2014 – Invited abstract reviewer, North American Spine Society annual meeting  
2015 – Invited abstract reviewer, North American Spine Society annual meeting  
2017 – Invited abstract reviewer, North American Spine Society annual meeting  
01/2017 – Journal of Surgical Oncology  
04/2018 – Journal of Surgical Education  
09/2018 – Journal of Surgical Education

**NATIONAL/INTERNATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

09/2019 – Present Member, North American Spine Society Legislative Committee  
09/2019 – Present Member, North American Spine Society Political Action Committee

**RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**

**Active**

Title:	Cervical Spondylotic Myelopathy Surgical Trial (CSM-S Trial)
Sponsor:	Patient Centered Outcome Research Institute (PCORI)
Role:	Co-Investigator
PI:	Shekar Kurpad, MD, PhD
Dates:	8/2016 – 9/2024

Title: A Phase 2a, Randomized, Double-blind, Placebo-controlled Study to Assess the Efficacy and Safety of MT-3921 in Subjects with Acute Traumatic Cervical Spinal Cord Injury  
Source: Mitsubishi Tanabe Pharma Development America, Inc.  
Role: Co-Investigator  
PI: Shekar Kurpad, MD, PhD  
Dates: 5/2021 – 9/2024

**Prior**

Title: Spine ReCORD/DegenPRO  
Sponsor: AO Spine International  
Role: Principal Investigator  
Dates: 3/2017 – 6/2021

Title: Traumatic Spine Injuries with Associated Neurologic Deficits: Observed Trends in Timing of Surgical Intervention from a Midwest Level 1 Trauma Center  
Sponsor: Intramural—Department of Orthopaedic Surgery  
Role: Principal Investigator  
Dates: 9/2017 – 10/2020

Title: RISCIS Spinal Cord Injury Study  
Sponsor: AO Spine North America  
Role: Co-Investigator  
PI: Shekar Kurpad, MD, PhD  
Dates: 2/2019 – 5/2021

Title: A Study to Investigate the Safety, Tolerability, Pharmacokinetics of Single Ascending Dose of MT-3921 in Subjects with Acute Spinal Cord Injury  
Sponsor: Mitsubishi Tanabe Pharma Development America, Inc.  
Role: Co-Investigator  
PI: Shekar Kurpad, MD, PhD  
Dates: 10/2019 – 4/2021

**INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**

**International**

Brandon J. Rebholz, MD. Spinopelvic Dissociation. Invited speaker at 7<sup>th</sup> Annual US/Cuban Trauma/ACS Symposium, Havana, Cuba, 2/3/2023.

Brandon J. Rebholz, MD. Thoracolumbar Trauma. Invited speaker at 7<sup>th</sup> Annual US/Cuban Trauma/ACS Symposium Havana, Cuba, 2/3/2023.

Brandon J. Rebholz, MD. Adaptation of Emerging Technologies in Adult Spinal Deformity Surgery. Invited keynote speaker at International Research Society of Spinal Deformities 2021 Virtual Congress, Milwaukee, Wisconsin, 1/23/2021

### **Regional**

Brandon J. Rebholz, MD. Management of Musculoskeletal Metastatic Disease. Invited presentation at 2<sup>nd</sup> Annual Medical College of Wisconsin Advances in Musculoskeletal Oncology and Sarcoma Symposium, Green Bay, WI, 9/8/2017

Brandon J. Rebholz, MD. Spinal Sarcomas. Invited presentation at 3<sup>rd</sup> Annual Medical College of Wisconsin Advances in Musculoskeletal Oncology and Sarcoma Symposium, Milwaukee, WI, 9/7/2018

Brandon J. Rebholz, MD. Spinal Trauma Management Essentials. Invited presentation at Wisconsin Orthopaedic Society Annual Conference, Milwaukee, WI, 10/17/2019

### **Local**

Brandon J. Rebholz, MD. Approaching Back and Neck Pain: Surgical Considerations in Patients with Inflammatory Spondyloarthritis. Invited presentation for the Department of Rheumatology Grand Rounds, Medical College of Wisconsin, Milwaukee WI, 2/7/2018

Brandon J. Rebholz, MD. Surgical Options for Management of Radiculopathy. Invited Presentation at Spine Research Day, Department of Neurosurgery, Medical College of Wisconsin, Milwaukee, WI, 8/10/2018.

## **COMMITTEE SERVICE:**

### **Medical College of Wisconsin**

9/2015 – 9/2024 Member, Clinical Competency Committee, Department of Orthopaedic Surgery, Medical College of Wisconsin

9/2015 – 9/2024 Member, Orthopaedic Surgery Research Committee, Medical College of Wisconsin

### **Hospital**

9/2015 – 9/2024 Member, Froedtert Trauma Operations Committee, Froedtert Hospital

1/2016 – 9/2024 Member, Spine Quality and Process Management Committee

5/2016 – Froedtert and Medical College of Wisconsin Comprehensive Pain Management Strategy Retreat, Froedtert and Medical College of Wisconsin  
8/2016 – 6/2018 Member, Community Spine Center Steering Committee, Froedtert Menomonee Falls  
1/2021 – 1/2022, Member, Spine Ambulatory Surgery Center Steering Committee, Drexel Town Square, Froedtert and Medical College of Wisconsin

## **MEDICAL COLLEGE TEACHING ACTIVITIES:**

### **Medical Student Education**

10/2021 – 9/2024 M3 General Surgery Clerkship Orthopaedic Surgery Lecture

### **Resident & Fellow Education**

9/2015 – 9/2024 Spine Core Curriculum—Comprehensive Rotating Lecture Series:  
Anatomy of the Spine  
Lumbar Disc Herniation  
Non-operative Spine Treatments  
Subaxial Cervical Spine Trauma  
Thoracolumbar Spine Trauma  
Upper Cervical Injuries  
Cervical Radiculopathy  
Lumbar Stenosis and Degenerative Spondylolisthesis  
Cervical Myelopathy  
Spine Infections  
Whiplash, worker’s compensation, and litigation in spine  
Inflammatory Arthritides of the Spine  
Adult Spinal Deformity  
Axial neck and low back pain-pathophysiology and clinical issues  
Biomechanics of the Spine  
Fractures of the Sacrum  
Isthmic Spondylolisthesis in Adults  
Spinal Tumors  
Cervical Radiculopathy  
Spinal Biologics  
Thoracic Disc Herniation and Stenosis  
Imaging of the Spine

9/2017 – 9/2024 Form and Function of the Intervertebral Disc. Orthopaedic Surgery Basic Science Lecture Series. Medical College of Wisconsin.

### **Community/Lay Public**

2/4/2016 Community Education Class—Advances in Spine Surgery

9/2/2016 – 9/2022 Community Education Class (annually)—Back and Neck Pain: The Uncomfortable Truth

**Supported Education**

3/2019 – 6/2022 Surgical faculty for Zimmer-Biomet

**MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**

**Residents**

Jacob Seiler, MD, MCW, 07/2015 – 07/2019	Orthopaedic and Sports Medicine Center, Green Bay, WI
John DeVries, MD, MCW, 07/2016 – 07/2020	Assistant Professor Orthopaedic Surgery, University of Nevada Las Vegas, Las Vegas, NV
Jake Bauwens, MD, MCW, 05/2019 – 07/2020	Wisconsin Bone and Joint, Milwaukee, WI
Carla Bridges, MD, MCW, 12/2017 – 7/2018	Pediatric Orthopaedic Surgery Fellow, Pheonix Childrens, Pheonix, AZ
Clark Andrews, MD, MCW, 07/2020 – 9/2024	Orthopaedic Surgery Resident Medical College of Wisconsin, Milwaukee, WI
Mark Goss, MD, MCW, 07/2020 –9/2024	Orthopaedic Surgery Resident Medical College of Wisconsin, Milwaukee, WI
Jacob Hall, MD, MCW, 07/2020 – 9/2024	Orthopaedic Surgery Resident Medical College of Wisconsin, Milwaukee, WI
Austin Middleton, MD, MCW, 07/2020 – 9/2024	Orthopaedic Surgery Resident Medical College of Wisconsin, Milwaukee, WI
Andrew Valiquette, MD, MCW, 07/2020 – 9/2024	Orthopaedic Surgery Resident Medical College of Wisconsin, Milwaukee, WI

**Clinical Fellows**

Hoon Choi, MD, MCW, 08/2016-07/2018	Assistant Professor of Neurosurgery Medical College of Wisconsin Green Bay, WI
Joey Grochmal, MD, PhD, MCW, 08/2017-07/2018	University Medical Center Lubbock, TX
Huy Troung, MD, MCW, 8/2019-7/2020	Neurosurgical Resident Medical College of Wisconsin, Milwaukee, WI
Mohammad Al Ghamdi, MD, MCW, 8/2020-2021	Peripheral Nerve Fellow Washington University, St. Louis, MO

**EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:**

**High School Students**

Kierra Carter, New Berlin West High School, 07/2017	Clinical mentor: Apprenticeship in Medicine Program
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**PROGRAMMATIC DEVELOPMENTS:**

**Educational Programs**

**Resident**

09/2015 – 9/2024 Orthopaedic Surgery Residency Spine Curriculum and Clinical experience

02/2016 – 9/2024 Orthopaedic Surgery Residency Spine Bioskills module

08/26/2017 – Resident/Fellow Comprehensive Spinal Instrumentation  
Cadaver lab

**Clinical Programs**

5/2016 – 9/2016 Fragility fracture/Osteoporotic compression fracture protocol

9/2016 – 4/2017 Cervical Spine Clearance Protocol for Trauma Program

8/2018 – 8/2019 Froedtert and Medical College of Wisconsin Enterprise Spinal Bracing Program

## **BIBLIOGRAPHY**

### **REFEREED JOURNAL PUBLICATIONS/ORIGINAL PAPERS**

1. Roberts JW, Grindel SI, Rebholz B, Wang M. Biomechanical evaluation of locking plate radial shaft fixation: unicortical locking fixation versus mixed bicortical and unicortical fixation in a sawbone model. *J Hand Surg Am.* 2007 Sep;32(7):971–5.
2. Tang S, Rebholz BJ. Does anterior lumbar interbody fusion promote adjacent degeneration in degenerative disc disease? A finite element study. *J Orthop Sci.* 2011;16(2):221-228.
3. Tang S, Rebholz BJ. Single-stage treatment of lumbar fracture-dislocation using a combined anterior and posterior approach. *J Orthop Sci.* 2011 Jun 4; Available at: <http://www.ncbi.nlm.nih.gov/pubmed/21643796>.
4. Tang S, Xu W, Rebholz BJ. Anterior Lumbar Interbody Fusion Combined with Percutaneous Pedicle Screw Fixation for Degenerative Lumbar Instability: Minimum Four-Year Follow-up. *Turk Neurosurg* 2012 ;22(2):156-60.
5. Raj D. Rao, MD; Donald R. Gore, MD; Shu-Jie Tang, MD; Brandon J. Rebholz, MD; Narayan Yoganandan, PhD; Mei Wang, PhD. Radiographic Changes in the Cervical Spine Following Anterior Arthrodesis: A Long-Term Analysis of 166 Patients. *J Bone Joint Surg Am*, 2016 Oct 05; 98 (19): 1606 -1613.

### **BOOKS, CHAPTERS & REVIEWS**

1. McAllister B, Wang J, Rebholz B. Is posterior fusion necessary with laminectomy in the cervical spine? *Surgical Neurology International.* 2012;3(4):225.
2. Gittleman A, Basho R, Rebholz BJ, McAllister BD, Wang, JC. Bone Graft Substitutes/Biologics. In: Anderson DG, Vaccaro AR, eds. *Decision Making In Spinal Care.* 2<sup>nd</sup> ed. New York, NY: Theime Medical Publishing; 2012: 550-556.
3. Rebholz BJ, McAllister BD, Wang JC. Pseudarthrosis. In: Phillips FM, Lieberman IH, Polly Jr. DW, eds. *Minimally Invasive Spine Surgery.* New York, NY: Springer Science + Business Media; 2014: 453-460.
4. Rebholz BJ. Spine Evaluation, Clinical Examination and Imaging. In: Parvizi J ed. *Orthopaedic Knowledge Update 13.* Rosemont, IL: American Academy of Orthopaedic Surgeons; 2020: 623-630.