

Curriculum Vitae
Jake Daniel Bauwens, M.D.

Contact Information/Office Location:

- Address: 2500 N. Mayfair Road, Suite 500, Wauwatosa, WI, 53226
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Education:

- 2011-2015, Rush University Medical College, M.D, Chicago, IL
- 2005-2009, University of Wisconsin-Madison, Bachelor of Sciences, Biochemistry, Madison, WI

Postgraduate Training and Fellowship Appointments:

- 2020-2021, Orthopaedic Sports Medicine Fellowship, University of South Florida/Florida Orthopaedic Institute, Tampa, FL
- 2016-2020, Orthopaedic Surgery Residency, Medical College of Wisconsin, Milwaukee, WI
- 2015-2016, Orthopaedic Surgery Internship, Medical College of Wisconsin, Milwaukee WI

Medical Licensures:

- Wisconsin Medicine and Surgery License, 7/22/16 (Active)
- Florida Medicine and Surgery License, 3/10/2020-06/30/2022 (Null and Void)
- American Board of Orthopaedic Surgery, 07/2023 (Active)

Professional Society Memberships:

- 2023-present, American Board of Orthopaedic Surgery
- 2018-present, Arthroscopy Association of North America
- 2015-present, American Academy of Orthopaedic Surgeons
- 2015-present, Wisconsin Orthopaedic Society
- 2015-present, Milwaukee Orthopaedic Society
- 2014-present, American Medical Association

Professional Activities:

- Patient safety and quality improvement project, developing orthopaedic surgery service line inpatient brochures, 2018, Milwaukee, WI

Honors and Awards:

- 2019, Excellence in Orthopaedic Patient Care, Schwab Skeleton
-Medical College of Wisconsin Department of Orthopaedic Surgery
- 2016, Excellence in Orthopaedic Patient Care
-Medical College of Wisconsin Department of Orthopaedic Surgery
- 2012, Rush Medical College Deans Fellowship
-Rush University Medical College
- 2009, Graduation with Distinction
-University of Wisconsin-Madison
- 2007, Alpha Epsilon Delta
-University of Wisconsin-Madison chapter
- 2007, National Society of Collegiate Scholars
-University of Wisconsin-Madison chapter
- 2005, National Honor Society

Team Coverage Experience:

- 2022-Present, Associate team physician University of Wisconsin-Milwaukee Athletics
- 2022, Associate team physician for Whitnall High School, Greenfield, WI

- 2022, Associate team physician for Milwaukee Milkmen Baseball Club, Franklin, WI
- 2021-2023, Assistant team physician for Brookfield Central High School, Brookfield, WI
- 2021, Associate team physician for American Athletic Conference NCAA Baseball Championship Tournament, Clearwater, FL
- 2020-2021, Associate team physician for University of South Florida Men's Football Team, Tampa, FL
- 2020-2021, Associate team physician for St. Leo University Men's Basketball Team, Men's Lacrosse Team and University wide training room, St. Leo, FL
- 2018, Associate team physician for U.S Olympic Team Trials long track speedskating, Milwaukee, WI
- 2017-2018, Associate team physician for Concordia University Wisconsin Men's Ice Hockey, Mequon, WI

Local and National Service:

- 2016, Volunteer, Bench-to-Bedside: Teaching the Fundamentals of Physical Examinations to Medical Students, Milwaukee, WI
- 2012-2015, Volunteer, Community Health Clinic, Chicago, IL
- 2012-2015, Volunteer, Rush Medical College Admissions, Chicago, IL
- 2013, Volunteer, Gross Anatomy Tutor, Rush Medical College, Chicago, IL
- 2012, Volunteer, Rush Community Health Fair, Chicago, IL
- 2011, Volunteer, Rush Hearts to Soles with Orthopaedic Interest Group, Chicago, IL
- 2006-2010, Volunteer, Meriter Hospital Volunteer Services, Madison, WI

Invited Lectures/Presentations:

- 2024, Bauwens J.D., Complex Sports Medicine Case Presentation, Orthopaedic Hospital of Wisconsin, Glendale, WI
- 2022, Bauwens J.D., Complex Shoulder Case Presentations, Athletico Rehabilitation Center, Wauwatosa, WI
- 2021, Bauwens J.D., Distal biceps rupture: Acute primary repair vs Chronic reconstruction with semitendinosus allograft, University of South Florida Orthopaedic Research Day, Tampa, FL
- 2020, Bauwens J.D., Learning curve associated with anterior total hip arthroplasty, Medical College of Wisconsin Annual Gould Lectureship, Milwaukee, WI
- 2020, Bauwens J.D., The young osteoarthritic knee: High tibial osteotomy versus Unicompartmental knee arthroplasty and Total knee arthroplasty for isolated medial compartment OA, Medical College of Wisconsin Orthopaedic Surgery Grand Rounds, Milwaukee, WI
- 2019, Bauwens J.D., Acute achilles tendon rupture: Evaluation and management, Medical College of Wisconsin Orthopaedic Surgery Grand Rounds, Milwaukee, WI
- 2019, Bauwens J.D., Orthopaedic cadaveric anatomy session for common sports medicine related injuries, 31st Annual MCW Sports Medicine Symposium, Milwaukee, WI

Research:

- 2020-2021, Florida Orthopaedic Institute, Faculty Mentor: Mark Mighell, M.D.
"Distal biceps rupture: Acute primary repair vs. Chronic reconstruction with semitendinosus allograft." (Submitted for publication)
- 2017-2020, Medical College of Wisconsin, Faculty Mentor: Joseph Schwab, M.D.
"Study of learning curve associated with anterior total hip arthroplasty in single surgeon database." (Post data analysis)
- 2016-present, Medical College of Wisconsin, Faculty Mentor: Gregory Schmeling, M.D.
"Gait analysis in intramedullary tibial nail placement for isolated tibial shaft fractures."
- 2013-2014, Rush University Medical Center, Faculty Mentor: Brett Levine, M.D.
"Study of lower extremity alignment in patients with osteoarthritis with previous total knee arthroplasty."
- 2012, Rush University Medical Center, Faculty Mentor: Vincent Wang, Ph.D.
"Study of in vivo (murine) tendinopathy model with TGF-beta1 injections into achilles tendon for mechanical testing, histology and qPCR assessments."

- 2007-2011, University of Wisconsin-Madison, Faculty Mentor: Kurt Saupe Ph.D (decd.)
“Research focusing on localizing AMPK activity in white adipose tissue in obese murine models, as well as defining physiologic response to thermogenic challenges in AMPK α 1 β mice. Assisted with various cardiovascular stem cell projects.”

Publications:

- Mulligan, J.D., Schmuck E.G., Ertel R.L., Brellenthin A.G., **Bauwens J.D.** & Saupe K.W.
"Caloric Restriction Does Not Alter Effects of Aging in Cardiac Side Population Cells." *Age* 33.3 (2011): 351-61. PMID: 20922487.
- **Bauwens J.D.**, Schmuck E.G., Lindholm C.R., Ertel R.L., Mulligan J.D., Hovis I, Viollet B & Saupe K.W. "Cold Tolerance, Cold-induced Hyperphagia, and Nonshivering Thermogenesis Are Normal in α 1-AMPK α 1 β Mice." *Am J Physiol Regul Integ Comp Physiol*. 301.2 (2011): R473-83. PMID: 21593427.
- Lindholm C.R., Ertel R.L., **Bauwens J.D.**, Schmuck E.G., Mulligan J.D. and Saupe K.W. "A high-fat diet decreases AMPK activity in multiple tissues in the absence of hyperglycemia or systemic inflammation in rats." *J Physiol Biochem*. 69.2 (2013): 165-75. PMID: 22941749.

Abstracts and Proceedings:

- Redlich N., Becker B.M., **Bauwens J.D.**, Swab J.M., “Further Defining the Anterior Approach Total Hip Arthroplasty Learning Curve: Effects of a Co-Surgeon and a Comprehensive Classification of Complications.” AAOS August 31, 2021
- **Bauwens J.D.**, Lindholm C.R., Ertel R.L, Mulligan J.D., Schmuck E.G. & Saupe K.W.,
"Responses of mice lacking α 1-AMPK to acute and chronic thermogenic challenges." FASEB J April 6, 2010 24: 658.1.
- Lindholm C.R., **Bauwens J.D.**, Ertel R.L, Mulligan J.D., Schmuck E.G. & Saupe K.W. "Chronic Beta-3 adrenergic stimulation induced remodeling of white adipose tissue in mice." FASEB J, April 6, 2010 24:502.3.
- Mulligan J.D., Schmuck E.G, Ertel R.L, **Bauwens J.D.** & Saupe K.W. "Aging reduces differentiation-associated gene expression in cardiac side population cells that is not attenuated by caloric restriction." FASEB J April 6, 2010 24:644.6.