CURRICULUM VITA **Saied Jalal Aboodarda**

EDUCATION AND POSITIONS

2025	Associate Professor, Faculty of Kinesiology, University of Calgary, AB, Canada
2019	Assistant Professor, Faculty of Kinesiology, University of Calgary, AB, Canada
2015-2018	Post-doctoral Fellow, Faculty of Kinesiology, University of Calgary, AB, Canada
2012-2015	Post-doctoral Fellow, School of Human Kinetics and Recreation, Memorial University of Newfoundland, Canada
2007-2012	Doctor of Philosophy, Sports Center, University of Malaya, Malaysia

RESEARCH GRANTS (Since 2020)

2026-2028	Joan Snyder Fund for Excellence in Research (CAD 60,000 Co-applicant)
2023-2026	Alberta Innovates, CarE (AICE) – Concepts Program, (CAD 511,000 Co-PI)
2022	VPR catalyst, University of Calgary, Canada (CAD 11,688 PI)
2020-2025	Natural Sciences and Engineering Research (NSERC) ECR (CAD 12,500 PI)
2020-2027	Natural Sciences and Engineering Research (NSERC) DG (CAD 160,000 PI)

AWARDS and SCHOLARSHIPS

2024	The Students' Union's annual Teaching Excellence Awards.
2023	The Students' Union's annual Teaching Excellence Awards.
2016-18	Eyes High post-doctoral fellowship award, University of Calgary, Canada
2013-15	MITACS post-doctoral fellowship award, Canada
2012-13	Research fellowship award, Memorial University of Newfoundland
2011	Young Investigator Travel Award, European College of Sport Science (ECSS), UK
2010	American College of Sports Medicine (ACSM) Travel Award

SUMMARY OF THE RESEARCH OUTPUTS (until Nov 2025)

Specification	Qty
Total publication	74
Peer-reviewed journal articles under review	5
Keynotes, symposia, and invited speaker talks	17
Conference presentations (**AS** PI or co-investigator)	44
Google Scholar Citations	2828
h-index	28
i-10 index	48

Sample of Recent Publications as Senior Author: (* Indicates trainees under my supervision)

- Zhang J*, Honarvar N*, Habibirad A*, Bannister K, MacInnis MJ, ***Aboodarda SJ***. Investigating the modulation of corticomotor and neuromuscular function by contralateral and ipsilateral experimental pain applied during cycling. ***Scand J Med Sci Sports.*** 2025;35(9):e70127.
- Zhang J*, Pearson AZ*, Grunau M*, Iannetta D, Millet GY, ***Aboodarda SJ.*** The role of muscle mass in endurance performance and neuromuscular fatigue: A systematic review and meta-analysis. ***Sports Med.*** 2025;(Ahead of print).
- Zhang J*, MacDougall KB*, McClean ZJ*, MacIntosh BR, MacInnis MJ, ***Aboodarda SJ.*** The accumulation of performance fatigue and perceptual responses across consecutive high-intensity interval and constant-load cycling sessions. ***Med Sci Sports Exerc.*** 2025;57(7):1342-1353.

- Zhang J*, McClean ZJ*, Khaledi N*, Morgan SJ*, Millet GY, ***Aboodarda SJ.*** Reliability of transcranial magnetic stimulation-evoked responses on knee extensor muscles during cycling. ***Exp Brain Res.*** 2024;242(7):1681-1695.
- MacDougall KB*, Zhang J*, Grunau M*, Anklovitch E*, MacIntosh BR, MacInnis MJ, ***Aboodarda SJ.*** Acute performance fatigability following continuous vs. intermittent cycling protocols is not proportional to the total work done. ***Appl Physiol Nutr Metab.*** 2024;49(8):1055-1067.
- Zhang J*, Abel S*, Macphail M*, ***Aboodarda SJ.*** Persistent contralateral pain compromises exercise tolerance but does not alter corticomotor responses during repeated, submaximal isometric knee extensions to task failure. ***Neuroscience.*** 2023;526:267-276.
- McClean ZJ*, Zhang J*, Khaledi N*, Yacoub M*, ***Aboodarda SJ.*** Intermittent blood flow occlusion modulates neuromuscular, perceptual, and cardiorespiratory determinants of exercise tolerance during cycling. ***Eur J Appl Physiol.*** 2023;123(10):2295-2306.
- McClean ZJ*, Young A*, Pohl AJ, Fine NM, Burr JF, MacInnis MJ, ***Aboodarda SJ.*** Blood flow restriction during high-intensity interval cycling exacerbates psychophysiological responses to a greater extent in females than males. ***J Appl Physiol.*** 2023;134(3):596-609.
- MacDougall KB*, McClean ZJ*, MacIntosh BR, Fletcher JR, ***Aboodarda SJ.*** Validity of the Entralpi force plate in the assessment of finger flexor performance in climbers. ***Sports Biomech.*** 2023;1-11.
- MacDougall KB*, McClean ZJ*, MacIntosh BR, Fletcher JR, ***Aboodarda SJ.*** Ischemic pre-conditioning, but not priming exercise, improves exercise performance in trained rock climbers. ***J Strength Cond Res.*** 2023;37(11):2149-2157.
- McClean ZJ*, Iannetta D, MacInnis MJ, ***Aboodarda SJ.*** Shorter high-intensity cycling intervals reduce performance and perceived fatigability at work-matched but not task failure. ***Med Sci Sports Exerc.*** 2022;54(10):1665-1677.
- Iannetta D, Zhang J*, Murias JM, ***Aboodarda SJ.*** Neuromuscular and perceptual mechanisms of fatigue accompanying task failure in response to moderate-, heavy-, severe-, and extreme-intensity cycling. ***J Appl Physiol.*** 2022;133(2):303-315.
- Azevedo RA*, Jazayeri D*, Yeung ST*, Khoshreza R*, Millet GY, Murias JM, ***Aboodarda SJ.*** The effects of pain induced by blood flow occlusion in one leg on exercise tolerance, corticospinal excitability, and inhibition of the contralateral leg in males. ***Appl Physiol Nutr Metab.*** 2022;47(6):632-648.

Teaching and Mentorship (Since 2020)

- Courses taught: 5
- Supervised the successful defences of **graduate students: Six (one PhD, five MScs)** and co-**supervised five students (two PhD, three MScs)**.
- Undergraduate student mentored through summer research and honors projects: 23

Service and Professional Activities

- Committee Roles: MKin Application Review Committee (2020–present); Kinesiology Orientation Committee (2022–2024); Faculty Assessment Committee – OAA (2023, 2025); CSEP Annual Meeting Organizing Committee (2023); Active Living and Athletics Committee (2019–2021).
- Supervisory committee member: 18 students; Neutral chair in defence sessions: 14 students; Journal manuscripts reviewed since 2020: 51 manuscripts (average 11 per year).

PROFESSIONAL MEMBERSHIP

- European College of Sport Science, Member, 2009-Present (International)
- American College of Sport Medicine, Member, 2011-Present (International)
- Canadian Society of Exercise Physiology, Member, 2014-Present (International)