

CURRENT POSITION

2024 Associate Professor, Level D, The University of Adelaide, Australia

QUALIFICATIONS AND FELLOWSHIPS

2024 Barbara Kidman Fellowship, The University of Adelaide, Australia
2022 Fellow of the UK Higher Education Academy (Postnominal FHEA)
2012 Ph.D. – Neuroscience, The University of Queensland (UQ), Australia
2008 B.Sc. (Hons – First Class) – Physiology, University of New South Wales, Australia.
2003-06 B.Sc. – Biomedical Science, National University of Singapore, Singapore

APPOINTMENTS

2019-2024 Senior Lecturer, Level C, The University of Adelaide, Australia
2023- Adelaide Education Academy, Australia
2015-18 Lecturer, Level B, The University of Adelaide, Australia
2012-15 Postdoctoral Research Fellow (School of Medicine, University of Utah, USA)
2012 Research Associate (School of Human Movement Studies, UQ, Australia)
2008-11 University Tutor (School of Human Movement Studies, UQ, Australia)
2009-10 Research Associate (School of Medicine, UQ, Australia)
2006-07 Contract Teacher (Ministry of Education, Singapore)

AWARDS AND PRIZES

2019 Women’s Research Excellence Award (\$5,000), The University of Adelaide
2016 American Physiological Society (APS) select for distinction in scholarship
2013 The University of Utah, Postdoctoral Travel Award
2013 Technische Universität München, Germany. Invite to “research opportunity week”
2012 The Warren Walsh Memorial Award for outstanding performance during doctoral studies

ACADEMIC SERVICE AND APPOINTMENTS

2023- Faculty of Health and Medical Sciences HDR Committee member
2023- Faculty of Health and Medical Sciences Special Studies Committee Chair
2021- Faculty of Health and Medical Sciences Special Studies Committee member
2017- The University of Adelaide, Human Research Ethics Committee member
2017- Faculty of Health and Medical Sciences Health, Safety and Wellbeing Committee, Health and Safety Representative
2017-2018 Research Placements Steering Committee, Adelaide Medical School
2013-15 University of Utah Postdoctoral Association (UPDA) Board Member
2009-10 The University of Queensland Postgraduate Students Executive Committee

PROFESSIONAL ACTIVITIES

Invited Reviewer

Reviewed ~80 papers since 2013 in 25 high-impact specialist journals including the Journal of Physiology (IF= 5.5)

Editorial Work

2021- Editorial Board Member of Brain Sciences; IF=2.5
2018-2019 Guest editor for a special issue in Brain Sciences; IF=2.5
2020- Review editor for Frontiers in Physiology; IF = 3.2
2021- Review editor for Frontiers in Neuroscience; IF = 3.2

RESEARCH SUPERVISIONS

2018-2024 4 **PhD** students (two as primary supervisor) at The University of Adelaide – two students completed in 2021 – one received Elizabeth Penfold Simpson Prize for 2022 from the Brain Foundation, Australia
2016-2023 7 **Honours** students (90% students completed with top Class I honours, two received honours scholarships, two went on to pursue PhD with me and received PhD scholarships)
2020-2022 Co-supervisor for 2 **external MSc** students, The University of South Australia
2019-2020 **International** joint **MSc** student, University of Verona
2016-2024 3 **summer research students**, The University of Adelaide
2013-15 2 **PhD** students (Joshua Weavil and Tyler Mangum) at The University of Utah, USA

UNDERGRADUATE TEACHING, CURRICULUM DEVELOPMENT AND MENTORING

- **Current coordination and teaching into four courses:** HLTH SC 3201, (*Human Motor Behaviour and Learning* as sole designer, coordinator, and implementer); *Research placements* (co-designer, co-coordinator, and co-implementer) and *Biomedicine honours program* (co-designer, co-coordinator, and co-implementer)
- Previous and current Teaching in five other courses at The University of Adelaide
- Contemporary approaches to teaching and learning; flipped classroom, blended learning, research-led curriculum
- Strong advocate of small-group discovery and practical experience, allowing students to directly put content into practice
- Supervision and teaching of laboratory/research skills to small groups of 3rd year research placement students since 2015
- Manage complex supervisor-student relationships, lead and mentor a team of tutors to run workshops in my courses, and provide mentorship to markers for assessment of research reports against pre-defined rubrics. Delegate tasks to other coordinators and define their roles within the courses to ensure the smooth running of this large-scale research placements program
- Mentorship of FHEA applicants at the University of Adelaide and involvement in COP groups

CONFERENCE PROCEEDINGS AND INVITED PRESENTATIONS – since 2018

- 2024** Australasian Neuroscience Society Sponsored Event in Adelaide – **Panel speaker invitation**
- 2024** School of Biomedicine Seminar Series – **Invited speaker**
- 2024** Barbi C, Vernillo G, **Sidhu SK**, Venturelli M. SISMES, Italy
- 2023** **Sidhu SK**, Xian C, Barbi C, Goldsworthy MR, Venturelli M. International Motor Impairment Conference, Sydney. – **Invited speaker**
- 2023** Boda MR, Goldsworthy MR, Smith AE and **Sidhu SK**. International Motor Impairment Conference, Sydney
- 2023** Boda MR, Goldsworthy MR, Smith AE and **Sidhu SK**. Florey Postgraduate Research Conference, Adelaide – **PhD student Boda MR awarded best poster presentation**
- 2022** Flinders University Health & Medical Research Institute Seminar Series – **Invited speaker**
- 2022** Priority partner presentation, Nagoya University – **Invited speaker**
- 2022** Boda MR, Goldsworthy MR, Smith AE and **Sidhu SK**. Florey Postgraduate Research Conference, Adelaide
- 2020** Brennan S, Lauber BL & **Sidhu SK**. European College of Sports Science, Seville, Spain – **Invited session speaker**
- 2019** Otieno LA, **Sidhu SK**. ANS Sensorimotor Control Satellite Meeting. – **PhD student Otieno LA awarded best poster presentation**
- 2018** **Sidhu SK**, Pourmajidian M. Proceedings of the European College of Sports Science, Dublin, Ireland
- 2018** Department of Sports Science, University of Freiburg – **Invited speaker**
- 2018** Department of Neurosciences, University of Verona – **Invited speaker**

RESEARCH FUNDING

- 2024-2025** **Sidhu SK**. Barbara Kidman Fellowship (\$35,000)
- 2024-2026** Bowen J, **Sidhu SK**, Wardill H. The Hospital Research Foundation (THRF) “TMS for CIPN: A Promising Path to Pain Relief for Bowel Cancer Survivors.” (\$77,647)
- 2023** Evangelou N. **Sidhu SK**. Adelaide-Nottingham Alliance Partnership Seed Fund. Exploring poor balance and gait in elderly and patients with neurological disorders. (\$20,000)
- 2021-2022** **Sidhu SK**, Venturelli M. MS Research Australia. The interaction between neuromodulation and fatigue in Multiple Sclerosis. (\$21,656)
- 2017** Lauber B, **Sidhu SK**. Initiation of International Collaboration. German Research Foundation (DFG). The influence augmented feedback on neuromuscular fatigue. (\$15,000)
- 2014–15** **Sidhu SK**. American Heart Association Fellowship Grant. Role of group III/IV afferents on development of exercise induced fatigue in heart failure patients. (\$150,000)

Internally Competitive Research Funding since 2018: (\$496,156)

RESEARCH PUBLICATIONS SUMMARY

- 42 peer reviewed publications: <https://scholar.google.com/citations?user=brR6938AAAAJ&hl=en>
- h index = 23; i10 index = 28 (Google Scholar; Date: 09/11/2024)
- Average citations per paper = 52
- Average impact factor (IF) per paper = 4.20 (Five-year journal impact factors: **InCites Journal Citation Reports 2017**)
- **94% of articles published in Q1 journals.** Journal Rankings are taken from Scimago Journal & Country Rank (SJR) and ranked as a percentage of the total number of journals within the *relevant disciplines* – **Q1 represents best quartile**
- **Recent Achievement:** My impact in the scientific community is best seen by an *invitation to provide a Topical Review for the prestigious Journal of Physiology* (*Amann et al 2022, IF = 5.5; already cited 12 times). This Journal is over 130 years old and is the premiere location for original hypothesis driven physiology research. An invitation to provide a review confirms that the researcher is at the top of his field and his opinions on a particular topic are highly respected. *Note: **I relinquished first authorship of this paper as I was on maternity leave.**