Alexander David Gibson BBiomedSc, MPhil

Personal Information

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Education

Doctor of Philosophy: Queensland University of Technology **2024 to 2027**
- Statistics

Master of Philosophy: Queensland University of Technology **2022 to 2024**
- Statistics

Bachelor of Biomedical Science: Queensland University of Technology **2019 to 2021**
- With distinction

Employment & Experience

- **PhD Student:** Australian Centre for Health Services Innovations **Jul 2024 to Jul 2027**
  - Research Training Program Scholarship Holder
  - Meta-research in clinical prediction
- **Clinical Research Assistant:** QUT **Apr 2023 to Dec 2024**
  - First round human clinical trial for micro-wearable sensors
  - Clinical canulations, blood analyses, VO_2 max assessments and body composition
- **Laboratory Assistant:** Sullivan Nicolaides Pathology **Aug 2022 to Jun 2023**
  - Data collection for Frankln.ai histopathology imaging prediction diagnostics
- **Conference Committee Member:** **Nov 2023**
  - Association for Interdisciplinary Meta-Research & Open Science (AIMOS)

Personal Research Fundraising

- **National Breast Cancer Foundation,** Jul 2023 to Oct 2023
  - Raised **$37,106** running 12 marathons in 12 weeks
  - Channel 7 Sunrise live interview
  - Featured Queensland University of Technology article
- **Starlight Children's Foundation Australia**, Feb 2023
  - Raised **$2,500+** swimming 20km the month of February
- **The Fred Hollows Foundation,** Aug 2020
  - Raised **$500+** running 141km the month of August

Publications

Borg, D. N., **Gibson, A. D.**, Bach, A. J., Beckman, E. M., Tweedy, S. M., & Stewart, I. B. (2024). The influence of water and air temperature on elite wheelchair triathlon performance. Temperature, 1–10. https://doi.org/10.1080/23328940.2024.2391170

Borg, D. N., Buhmann, R., **Gibson, A. D.**, Stewart, I., & Sainani, K. L. (2024, January 22). The Prevalence of Sports Science and Sports Medicine Meta-Analyses that Confuse Standard Error with Standard Deviation in Effect Size Calculations. https://doi.org/10.17605/OSF.IO/P5Y3U