

# Alexander David Gibson

## Contact Information

Email: [ad.gibson@hdr.qut.edu.au](mailto:ad.gibson@hdr.qut.edu.au)

## Education

<b>Doctor of Philosophy:</b> Queensland University of Technology	2024 to 2027
▪ Statistics	
<b>Master of Philosophy:</b> Queensland University of Technology	2022 to 2024
▪ Statistics	
<b>Bachelor of Biomedical Science:</b> Queensland University of Technology	2019 to 2021
▪ With distinction	

## Employment & Experience

- **PhD Student:** Australian Centre for Health Services Innovation **Jul 2024 to Jul 2027**
  - Meta-research medical statistics and clinical prediction
  - Research Training Program Scholarship
- **Clinical Research Assistant:** Queensland University of Technology **Apr 2023 to Dec 2024**
  - First round human clinical trial for micro-wearable sensors
  - Clinical canulations, blood analyses, VO<sub>2</sub> max and body composition assessments
- **Laboratory Assistant:** Sullivan Nicolaides Pathology **Aug 2022 to Jun 2023**
  - Data collection for Frankln.ai histopathology image prediction diagnostic
- **Conference Committee Member:** AIMOS Conference **Nov 2023**
  - Association for Interdisciplinary Meta-Research & Open Science

## 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>