

Taren Sanders

ACADEMIC RESEARCHER & DATA SCIENTIST

Institute for Positive Psychology and Education, Australian Catholic University

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Education

Doctor of Philosophy

WESTERN SYDNEY UNIVERSITY

2016

- Thesis: Investigating associations between neighbourhood green space and weight status: A longitudinal study of Australian children aged 4 to 13 years old.

Master of Data Science (Applied)

ADELAIDE UNIVERSITY

2022

Bachelor of Health Science (Honours; First Class)

WESTERN SYDNEY UNIVERSITY

2012

- Thesis: Measuring adolescent boys' physical activity: Bout length and the influence of accelerometer epoch length.

Bachelor of Health Science (PDHPE)

WESTERN SYDNEY UNIVERSITY

2011

Employment History

Program Leader

INSTITUTE FOR POSITIVE PSYCHOLOGY AND EDUCATION, AUSTRALIAN CATHOLIC UNIVERSITY

2021–Current

- Drive the strategic direction and focus of the research program
- Support academic and professional staff, as well as higher-degree students, within the program
- Provide input as a member of the Institute Executive Management Committee on Institute priorities, and advocate for my research program
- Developed and implemented new project management processes, including making agile management strategies standard practice.

Deputy Program Leader

INSTITUTE FOR POSITIVE PSYCHOLOGY AND EDUCATION, AUSTRALIAN CATHOLIC UNIVERSITY

2017–2021

- Supported Program Leader to manage the research program

Research Fellow

INSTITUTE FOR POSITIVE PSYCHOLOGY AND EDUCATION, AUSTRALIAN CATHOLIC UNIVERSITY

2016–Current

- Conduct original, high-impact, and translational research in the areas of health, education, and psychology.
- Oversee the development, evaluation, and management of multiple large-scale school-based research projects (e.g., iPLAY; 180 schools).
- Conduct analyses of primary and secondary data, and provided statistical support to colleagues including statistics workshops.
- Work with industry partners (NSW Department of Education, NSW Health, Sport Australia) to provide project updates and seek input.
- Author academic and non-academic outputs, including journal articles, grant applications, stakeholder reports, and data visualisations.
- Mentor doctoral and honours students, including reviewing and evaluating their analyses and writing.

Research Summary

Publications

42

Citations

6895

h-Index

26

Mean Impact Factor

12.2

Funding

> \$1 million

Technical Skills

Programming Languages

R, PYTHON, STATA, JULIA

Software Development

R PACKAGES (INCLUDING CRAN SUBMISSION), PYTHON PACKAGES

Statistical Methods

MACHINE LEARNING, MULTILEVEL MODELLING, INTERVENTION EVALUATION, META-ANALYSES

Research Methods

STUDY DESIGN, INTERVENTION DEVELOPMENT, ETHICS AND RECRUITMENT

Selected Publications

For a full list of publications see my full CV (bit.ly/TarenSanders).

PEER-REVIEWED PUBLICATIONS

Note: In health and medicine the last author is considered the senior author.

Citations from Web of Science; JIF = Journal Impact Factor; CNCI = Category Normalised Citation Index.