

# 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

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

### PEER-REVIEWED PUBLICATIONS

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**Note:** In health and medicine the last author is considered the senior author.  
Citations from Google Scholar; JIF = Journal Impact Factor.