



QIMR Berghofer
Medical Research Institute

Introduction to the Statistics Unit

Overview

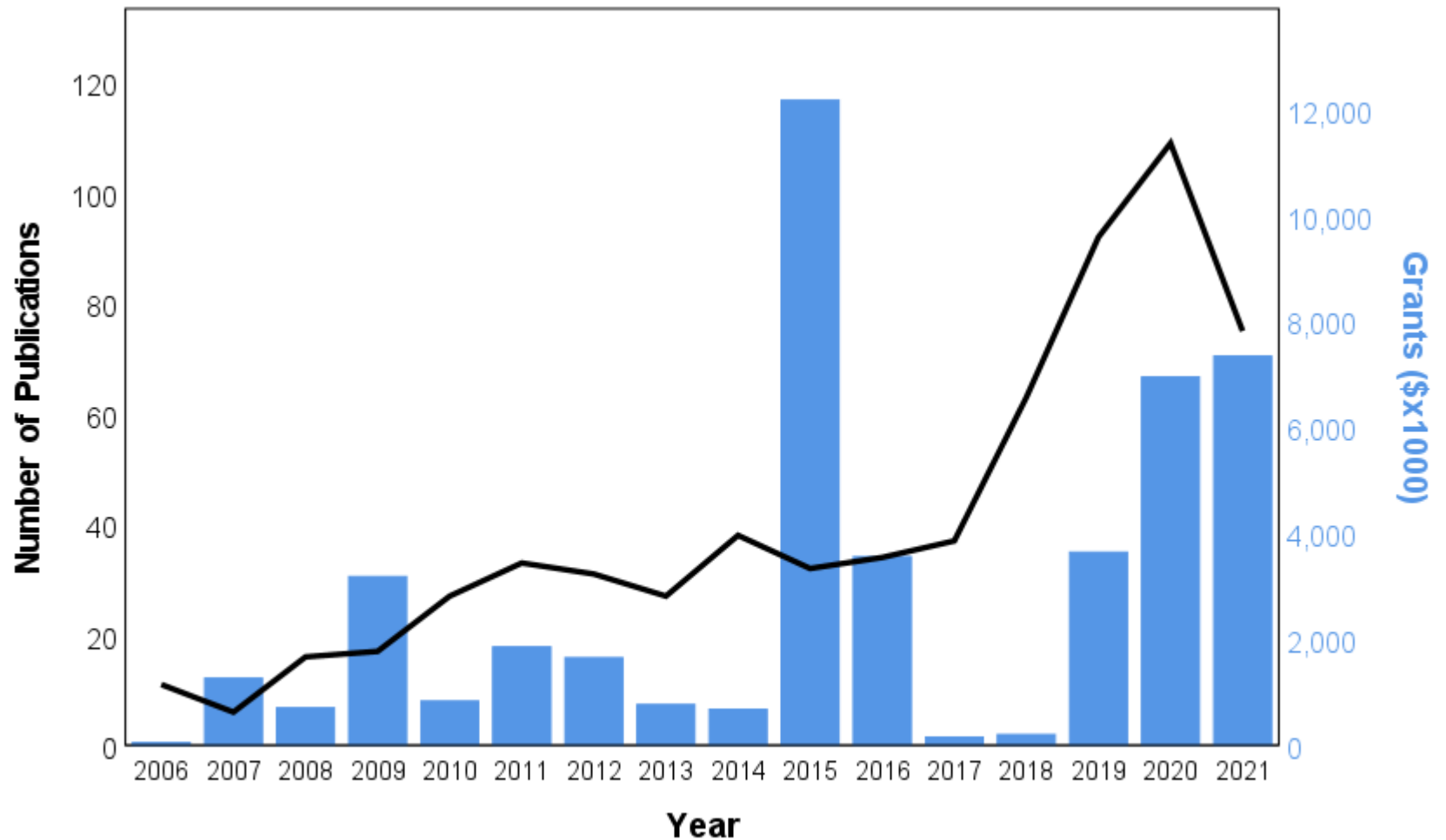
- Who we are
- What we do
- Who we work with and how to access us
- How we work

QIMR Berghofer Statistics Unit



Statistics Unit Output

2006 to 2021: 648 publications and \$45M in grants



What do we work on?

- **Meta-analysis**
 - Advising, mentoring or collaborating on analysis
- **Any research project**
 - Low and Negligible Risk and Full ethics
 - HREC number must be provided prior to sending data
 - Advising, mentoring or collaborating
 - Experimental, quasi-experimental and non-experimental study designs
 - e.g. Clinical trials, Cohort studies, Cross-sectional, Case-control, Crossover, Surveys, Laboratory experiments, Case series
- **Quality Assurance (QA) and Quality Improvement (QI) projects**
 - Including Ethics exemptions
 - Assistance with the development of the research protocol
 - We only provide group training and resources for the analysis component

We do not provide services for:

- Qualitative data analysis
- Health Economics

Who do we work with?

Any QIMR Berghofer, MNHHS or Mater staff member interested in research

The Metro North Office of Research will confirm:

- Applicant and Principal Investigator are MNHHS employees through their payroll number
- Clients with Conjoint appointments are verified
- Records HREC number

We regularly report who we work with, what we do and how long we spend working on projects to each of our client groups

How to access us

Fill out a service request form here:

<https://www.qimrberghofer.edu.au/scientific-services/statistics-unit/>

To access our service please complete a Statistics Unit Service request form

[CLICK HERE](#)

What we can do for you

Clients generally contact us when writing a research grant or protocol.

We provide a sound statistical framework for their research by helping with:

- Formulating the research question
- Study design and analysis plan
- Power and sample size calculation
- Writing research grants and protocols
- Development of data collection sheets and data dictionaries
- Data cleaning and preparation for analysis
- Use of different statistical software packages
- Analysis of data, advice or mentoring through the analysis
- Presentation and interpretation of data
- Preparation of and co-authorship on publications
- Addressing reviewers' comments

How do we do this?

- One-on-one and small group discussion and mentoring in person and via zoom
- Email and phone
- Development of statistical resources for clients
- Training courses, workshops and seminars on both the method and the practice of statistics
- Collaborative research

Summary

- We provide support for any QIMR Berghofer, MNHHS or Mater staff member interested in research
- We can work on meta-analysis, research and QA/QI projects although not the analysis component of QA/QI projects
- Fill out a service request form here:
<https://www.qimrberghofer.edu.au/scientific-services/statistics-unit/>

Thank you

Statistical.Services@qimrberghofer.edu.au

www.qimrberghofer.edu.au



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