

Jonathan Mitchell

Résumé

Department of Mathematics and Statistics

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📄 jonathanmitchell88.github.io/

Education

2007–2009 **Bachelor of Science (Mathematics, Physics)**, *University of Tasmania*, Hobart

Awards: Dean's Roll of Excellence 2007, 2009

Scholarship: Doctor Peter Smith Scholarship in the Physical Sciences

2010 **Bachelor of Science with Honours (Mathematics) (First Class)**, *University of Tasmania*, Hobart

Supervisor: Dr Jeremy Sumner

Scholarship: Doctor Peter Smith Scholarship in the Physical Sciences

2011–2016 **Doctor of Philosophy (Mathematics)**, *University of Tasmania*, Hobart

Supervisors: Assoc. Prof Barbara Holland, Dr Jeremy Sumner

Scholarship: Australian Postgraduate Award

2011–2016 **Graduate Certificate in Research**, *University of Tasmania*, Hobart

Recent Employment

Jan 2018– **Lecturer**, *University of Alaska Fairbanks*, Fairbanks

- Lecturer in Elementary Probability and Statistics

Jan 2017– **Postdoctoral Research Fellow**, *University of Alaska Fairbanks*, Fairbanks

- Postdoctoral research in mathematical and statistical phylogenetics under Prof John Rhodes and Prof Elizabeth Allman

Dec 2016 **Data Analyst**, *Skretting Australia*, Hobart

- Three week project analysing fish feed sales

Jun 2016– **Tutor/Marker/Other Academic**, *University of Tasmania*, Hobart

- Tutored, marked assignments, tests and exams and wrote online assignments for several units
- Units were Differential Equations, Linear Algebra & Applications 2, Data Handling and Statistics 1, Computational Science + Discrete Mathematics with Applications 1, Quantitative Methods, Mathematics Foundation Unit, Physics Foundation Unit, Essential Algebra Skills and Good Thinking: Reasoning Skills for Life

- Mar 2016– **Data Analyst**, *University of Tasmania*, Hobart
- May 2016 • Analysed data regarding the performance of faculties, institutes and divisions of the University of Tasmania for the Strategy & Planning team
- Feb 2014– **Marker/Other Academic**, *University of Tasmania*, Hobart
- May 2014 • Wrote lecture notes for the statistics component of Applied Mathematics Foundation Unit and marked assignments for Mathematics Foundation Unit
- Jul 2013– **Marker**, *University of Tasmania*, Hobart
- Oct 2013 • Marked assignments for Mathematics Foundation Unit
- Jul 2011– **Tutor/Marker**, *University of Tasmania*, Hobart
- Oct 2011 • Tutored and marked assignments for Data Handling and Statistics 1
- Nov 2010– **Health Physicist**, *Department of Health and Human Services*, Hobart
- Feb 2011 • Three month vacation employment involving calibrating radiation meters, writing reports and testing patient radiation doses at hospitals using imaging phantoms
- Jul 2010– **Tutor/Marker**, *University of Tasmania*, Hobart
- Oct 2010 • Tutored and marked assignments for Data Handling and Statistics 1

Journal Publications

Mitchell, J.D., Sumner, J.G. and Holland, B.R., 2018. Distinguishing Between Convergent Evolution and Violation of the Molecular Clock for Three Taxa. *Systematic Biology*. (In Press)

Referees

Referees available on request.