

Professional Learning and Development Accreditation

Personal Profile

First name and Surname	Alan Hugh (Jim) Hogan
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Professional Learning and Development Overview

Professional learning and development specialist expertise

- Deep curriculum and assessment knowledge in Mathematics and Statistics, Y6 to 13
- Y6 to Y11 numeracy development
- Teaching as Inquiry
- Developing problem solving skills
- Student centered learning
- Mathematical modeling and visualization of mathematical concepts
- iNZight statistics software expertise
- Helping teachers focus on raising achievement for Maori students
- Subject specific literacy in Mathematics and Statistics
- Senior secondary curriculum planning and review
- Collaborative expertise and building relational trust
- Specialist software skills e.g. Excel and Fathom

Professional Information

Academic history and research interests

2015: Future Learn Online – “Data to iNZight”; University of Auckland

2014: Future Learn Online – “How to Learn Mathematics”; Stanford University

2014: Contributor Chapter 5, *Teaching Secondary School Mathematics and Statistics: Evidence based practice* Volume 2, NZCER, 2009.

2004 to 2008: Post Grad Papers in Mathematics Education (University of Waikato)

1978: Diploma of Teaching (Palmerston North Teacher’s College)

1976: Certificate of Proficiency in Meteorology (Victoria University)

1975: Bachelor of Science, Applied Mathematics and Physics, (Massey University)

Experience

Team Solutions, Mathematics Facilitator, SSAC, Auckland University, April 2012 – Present

School Support Services, University of Waikato, 2003 – 2010 Secondary Mathematics and Statistics Advisor, Regional Coordinator Secondary Numeracy Project, National Resource Coordinator for SNP, NCEA Development Group.

Regional Secondary Numeracy Coordinator, National Numeracy Monitoring and Resource Coordinator.

Conferences and courses

2001 - 2015: NZAMT Conferences, Presenter

2002 - 2016: National Mathematics and Statistics Workshops

2005 - 2011: NZAMT Assessment Writing Camp

2003 - 2015: BOPMA Conferences, Presenter and Organiser

2003 - 2010: NZ Numeracy Conferences, Organiser, Presenter

2005 - 2007 and 2009: Mathematics Association Victoria Conferences, Presenter

Ministry of Education consultancies and projects

2002 - 2011: Ministry Advisory Numeracy Project Development

2004 - 2005: Ministry Advisory NZC Development

2006 - 2010: NZQA Contract Moderator

2013 and 2014: Ministry Advisory RAMP Review (NCEA Mathematics and Statistics)

Summary of examples of practice

Developing middle leader capability to monitor number development of Year 7 to 10 Maori students using numeracy tools and resources.

Developing and embedding the use of Teaching as Inquiry into middle leader practise to improve student achievement.

Developing middle leader curriculum and assessment knowledge in Mathematics and Statistics to improve learning programme design for Years 9 to 13.

Developing middle leader curriculum and assessment knowledge in Mathematics and Science to improve outcomes for students NCEA Level 1.

Developing middle leader learning and assessment knowledge in Mathematics and Statistics to improve outcomes for students NCEA Levels 1, 2 and 3.

Referees

Referee One

Referee Name	Ian FERGUSON
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Referee Two

Referee Name	Robin FABISH
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