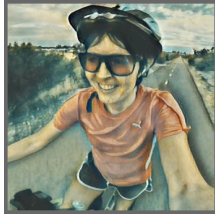


amyglen

mathematician



Mathematician with 18+ years experience working within the higher education sector. Award-winning teaching in Mathematics, with research expertise at the interface between Discrete Mathematics and Theoretical Computer Science. Passionate about technology, with programming experience in MATLAB, Python, SQL, and R.

about

amyglen.wordpress.com
[linkedin.com/in/amy-glen](https://www.linkedin.com/in/amy-glen)

computing

\LaTeX
●●●●●
● iOS | macOS
●●●●●
● Unix
○●●●●

web

WordPress
○●●●●
HTML
○●●●●

programming

MATLAB
○●●●●
Python
○●●●●
SQL
○●●●●
R
○●●●●

teaching

algebra & calculus
combinatorics
discrete mathematics
number theory
mathematical statistics

research

combinatorics on words
●●●●●
discrete mathematics
○●●●●
number theory
○●●●●

[Google Scholar](https://scholar.google.com/citations?user=...)
h-index 12
545+ citations

education

2006	PhD in Pure Mathematics George Fraser Scholarship — awarded to the highest ranking applicant for an Australian Postgraduate Award	The University of Adelaide
2002	Honours in Pure Mathematics First Class 2002 University Medal (1 of only 19), Mace Bearer at December Graduation Ceremony	The University of Adelaide
2001	Bachelor of Science (Mathematical and Computer Sciences) Major in Pure Mathematics, Minor in Statistics 2001 Nancy Web Prize, 2001 Australian Bureau of Statistics Scholarship, 1999–2002 Wyatt University Scholarship for Country Students, 1999 Adelaide University Access and Rural Scholarship	The University of Adelaide

experience

Murdoch University

2018 – Now	Senior Lecturer in Mathematics (Level C) Mathematics & Statistics	Perth, Western Australia
2009 – 2018	Lecturer in Mathematics (Level B) Mathematics & Statistics	Perth, Western Australia

Reykjavík University

2008 – 2009	Postdoctoral Research Fellow / Lecturer Combinatorics Group	Reykjavík, Iceland
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Université du Québec à Montréal

2006 – 2008	CRM-ISM Postdoctoral Research Fellow Laboratoire de Combinatoire d'Informatique et Mathématique	Montréal, Canada
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The University of Adelaide

2006	Associate Lecturer in Statistics (Level A) School of Mathematical Sciences	Adelaide, South Australia
2005	Lecturer and Instructor in Mathematics and Statistics (part time) School of Mathematical Sciences	Adelaide, South Australia
2001 – 2004	Instructor in Mathematics and Statistics (casual) School of Mathematical Sciences	Adelaide, South Australia

Bradford College

2003 – 2005	Instructor in Mathematics and Statistics (casual) Degree Transfer Program	Adelaide, South Australia
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awards

2018	AustMS WIMSIG Cheryl E. Praeger Travel Award Awarded to support attendance at the 41st Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (41ACCMCC), Rotorua, New Zealand, December 10-14, 2018.	Australian Mathematical Society
2017	Murdoch LEAD Senior Fellowship Inducted into the Murdoch Learning Excellence Academy, which promotes and celebrates excellence and leadership in learning and teaching at Murdoch. Murdoch LEAD Fellowships recognise staff who demonstrate excellence, leadership, creativity and innovation in their learning and teaching practice.	Murdoch University
2015	School Dean's Award for Teaching Excellence Awarded for the highest overall satisfaction score (Q7: 5.72) in Teaching Surveys in the School for the unit MAS161 (Calculus & Matrix Algebra) in Semester 2, 2015 (\$2,000 grant).	Engineering & IT, Murdoch University
2014	Vice Chancellor's Award for Teaching Excellence Murdoch University's highest award for General Teaching Excellence in a Discipline (\$4,000 prize money).	Murdoch University
2013	Nominations for Vice Chancellor's Award for Teaching Excellence Nominated by 11 students through a standard Teaching Survey for the unit MAS167 (Computational Mathematics) at Murdoch University in Semester 1, 2013. Also nominated on the basis of being in the top 10% of teaching staff in the student surveys of teaching at Murdoch University in 2013.	Murdoch University
2012	Nominations for Vice Chancellor's Award for Teaching Excellence Nominated by 13 students through a standard Teaching Survey for the unit MAS161 (Calculus & Matrix Algebra) at Murdoch University in Semester 2, 2012.	Murdoch University
2011	Nomination for Vice Chancellor's Award for Teaching Excellence Nominated by a colleague.	Murdoch University
2006	Head of School's Award for Lecturing Excellence (×3)	The University of Adelaide

teaching overview

Dr Amy Glen has been teaching within the higher education sector since 2001, starting out as a tutor in Mathematics and Statistics at The University of Adelaide, where she subsequently obtained her PhD in Pure Mathematics in 2006. From 2003–2005, Amy also taught at the secondary–tertiary interface in the Degree Transfer Program for international students at Bradford College in Adelaide. Since then, she has held lecturing positions at The University of Adelaide (2005–2006), Reykjavik University (Iceland, 2008), and Murdoch University (since 2009). Amy has taught at all university levels, from 1st year through to Honours (including postgraduate supervision), within areas of Pure and Applied Mathematics as well as Statistics.

She is a passionate and dedicated teacher, thoughtful in her methodology and able to adapt as necessary to keep her students engaged and interested. She is also engaged in research and she uses this knowledge to inform her teaching.

For full details of Amy's teaching background, see amyglen.wordpress.com/teaching.

research overview

Dr Amy Glen's mathematical research interests fall under the broad areas of Combinatorics, Discrete Mathematics, and Number Theory. Her main area of expertise is combinatorics on words, which lies at the interface between Discrete Mathematics and Theoretical Computer Science, and has applications in various areas, including digital imagery, pattern recognition, quasicrystal modelling, and bioinformatics.

Amy has been working in this field for around 15 years. During this time, she has published over 25 refereed papers — many in collaboration with various leading international researchers — and has refereed for over 35 international peer-reviewed journals and conferences. She has given over 20 invited talks and participated in over 25 conferences/workshops across the world.

For full details of Amy's research background (including a list of publications), see amyglen.wordpress.com.

professional service

Membership

AustMS	Australian Mathematical Society	Since 2003
CMSA	Combinatorial Mathematics Society of Australasia	Since 2010
WIMSIG	AustMS Women in Mathematics Special Interest Group	Since 2013

Current Roles

2021	Incoming Chair AustMS Fellowship Committee	Australian Mathematical Society
2020 – 2021	Australian Ambassador Committee for Women in Mathematics (CWM)	International Mathematical Union
2018 – 2021	Member AustMS Equity, Diversity and Inclusion Committee	Australian Mathematical Society
2014 – 2021	Member CMSA Council	Combinatorial Mathematics Society of Australasia
2013 – 2021	Web Editor AustMS Women in Mathematics Special Interest Group austms.org.au/special-interest-groups/wimsig	Australian Mathematical Society

Past Roles

2018 – 2020	Vice President Council of the CMSA	Combinatorial Mathematics Society of Australasia
2018	Chair AustMS Student Conference Support Committee	Australian Mathematical Society
2017	Chair Judging Panel for the CMSA Anne Penfold Street Student Prize	Combinatorial Mathematics Society of Australasia
2013 – 2015	Member AustMS Council	Australian Mathematical Society
2013 – 2014	Executive Committee Member Women in Mathematics Special Interest Group (WIMSIG)	Australian Mathematical Society

research grants

2014 – 2017	Sir Walter Murdoch Distinguished Collaborator Scheme With Professor William Smyth (McMaster University, Canada)	\$10,000 per year
2009 – 2011	Icelandic Grant For Excellence (co-recipient) Combinatorics on Words and Permutations (grant no. 090038011)	24.6 million ISK per year
2006	CANT 2006 Conference Travel Grant European Commission	€1000
2005	Category 1 Grant Improvement Scheme Faculty of Engineering, Computer and Mathematical Sciences The University of Adelaide	\$17,256