

# CHERYL ELISABETH PRAEGER

## PERSONAL INFORMATION

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*Nationality* Australian

*Date and Place of Birth* 7 September 1948, Toowoomba, Australia

*Marital Status* Married to John David Henstridge

## PROFESSIONAL INFORMATION

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- 1983 (Nov) - present, Professor of Mathematics, University of Western Australia

- Deputy Dean, Faculty of Engineering, Computing and Mathematics, 2003 – 2004, 2006.

*Prince of Songkla University, Haad Yai, Thailand*

- DSc in Mathematics (Honoris Causa), 1993

*Australian Academy of Science*

- Election as a Fellow (FAA) 1996

*Order of Australia*

- Appointment as a Member of the Order (AM), 1999, for service to Mathematics in Australia, especially through research and professional associations.

*Centenary Medal of the Australian Government*

- Awarded for services to Mathematics, 2003

*Universite Libre de Bruxelles, Belgium*

- Doctor Honoris Causa (Mathematics) 2005

*University of Queensland*

- BSc (Hons 1) and University Medal in Mathematics, 1970, MSc, 1972

*University of Oxford, UK*

- MSc 1972, DPhil 1973

*University of Western Australia*

- DSc 1989

*National Committee of Mathematics, Australia, 1992-1994, 2003-*

*Australian Mathematical Society, President 1992-94*

## RESEARCH

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*Research Interests*

- I am an algebraist with a strong interest in group actions. My major research area has been in the theory of permutation groups and their applications, especially to automorphism groups of graphs and designs. Algorithm development for group computation is also one of my primary research interests and has received continuous ARC funding since 1993.

- A complete list of publications is available and includes around 250

research articles and three monographs.

*Recent research highlights*

- Invited lecture, Internat. Congress of Mathematicians, Beijing, 2002
- Non-UK based advisor, UK Research Assessment Exercise, 2001
- Foundation member, International Scientific Advisory Board, New Zealand Institute of Mathematics and its Applications, 2002 -.
- National Science Foundation (US), adviser on computation in research in Algebra, Number Theory and Combinatorics, 2002.
- Plenary lecture, ANZ Colloquium, July 2003; embedded meeting in International Congress of Industrial and Applied Mathematics, Sydney
- Profiled by ISIHighlyCited.com in 2004

*Research grants*

- My research has been funded continuously by the Australian Research Council since 1983, with over \$1M in grants over that period. I have also received grants from the Commonwealth Tertiary Education Commission (1984, 1986), the UK Science Research Council (1985) and EPSRC (1998), the UWA Special Research Grants Scheme (1991, 1992), and the Australian Partnership for Advanced Computing Merit Allocation Scheme (2000-2002, 2003).

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GRADUATE SUPERVISION

- I enjoy postgraduate supervision very much. 16 PhD completions, 7 Masters completions, 24 honours completions, four current PhD students. In 1994, I received a “commendation for achievement in postgraduate supervision”.
- While I was Dean of Postgraduate Research Studies I was responsible for administering the university’s PhD program. I also initiated a university-wide program of postgraduate workshops and seminars; and had carriage of several policy initiatives including a Postgraduate Research Students Grievance Procedure, and a Code of Postgraduate Supervision.
- I provide younger colleagues with an opportunity to gain experience in postgraduate supervision by involving them as joint supervisors of my students. This has benefits for the students as well as supervisors.

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SERVICE: UNIVERSITY OF WESTERN AUSTRALIA

*University Committees, Chair*

- Library Committee 1991-1992, Board of Postgraduate Research Studies 1996-1998, Scholarships Committee 1996-1998, Promotions and Tenure Committee 2000-2004, Leadership Development for Women Planning Group 2000-04, Research Leaders Forum, 2004-

*University Senate (the Governing Body of the University)*

- Elected representative of academic staff 1997-2000, 2002-2005