

In 1987, as the Head of Computer Science at the University College of the Australian Defence Force Academy (ADFA), Professor Seberry became the first female professor of Computer Science in Australia. She continued to work at ADFA as the Director of the Centre for Computer Security Research, before returning to the University of Sydney and UNSW, where she was the leader of the team which designed the LOKI family of encryption algorithms. However, Professor Seberry was off on her travels again, taking up the roles of Professor of Electrical Engineering and Professor of Computer Science and Engineering at the University of Nebraska – Lincoln in the USA. As you can tell, Professor Seberry has sustained this vital international experience, collegiality and collaboration throughout her career; regularly convening, chairing and being invited as a keynote speaker to national and international conferences and committees.

Joining the University of Wollongong in 1992, Professor Seberry's time here has encompassed research, course development, teaching and academic governance. A passionate researcher, Professor Seberry has published extensively in discrete mathematics, Hadamard matrices and combinatorial designs. She has written over 450 research publications and has also undertaken consultancy work for major industry clients.

At UOW, Professor Seberry established the Centre for Computer Security Research – one of the earliest in Australia – to 'provide a reservoir of expertise for computer security'. It has contributed significantly to Australia's security research and it is part of the reason why she is regarded as "the mother of Cryptography in Australia".

Renowned for her generous mentoring, Professor Seberry has supervised 30 PhD students, seven Masters Research Honours theses and 20 Undergraduate Honours theses. Many of the notable names in cryptology in Australia have been her students and protégés at some time and now hold senior positions throughout the world.

Professor Seberry herself holds a number of prestigious fellowships and in 2012 was elected a Fellow of the International Association on Cryptology Research for her 'outstanding contributions to research and education in cryptologic research and education and for fostering the Australian research community'. Professor Seberry remains the Association's *only* Australian Fellow.

As an internationally recognised cryptographer, mathematician and scientist, Professor Seberry can be proud of her many achievements. Her nearly five decades in teaching speak great volumes on her desire to nurture learning, while encouraging students to consider the importance of mathematics as a foundation skill with benefits that translate into a wide range of professions.

Deputy Chancellor, for her exceptional service and dedication to this University and her distinguished contribution to computer security and mathematics, it is a privilege and pleasure to present Jennifer Seberry for admission as an Emeritus Professor of the University of Wollongong.