Position Title:	Associate Professor
Position Classification:	Level D
Position Number:	NEW
Faculty/Office:	Engineering and Mathematical Sciences
School:	Physics, Mathematics and Computing
Department:	Mathematics and Statistics
Supervisor Title:	Head of Department
Supervisor Position Number:	316903

Your work area

As a world top 100 University, UWA has the infrastructure, resources and industry connections required to provide extensive opportunities to produce world class collaborative research. The Department of Mathematics and Statistics at UWA is one of three Departments in the School of Physics, Mathematics and Computing. The School is part of the Faculty of Engineering and Mathematical Sciences, which has a strong emphasis on Engineering for Remote Operations.

The Department is well regarded for high quality teaching and research. In addition to a broad based undergraduate program in Pure Mathematics, Applied Mathematics and Mathematical Statistics, the Department contributes to the teaching of Applied Statistics for the Data Science Major and the Master of Data Science, in cooperation with the Department of Computer Science and Software Engineering. Located within the Department of Mathematics and Statistics, the Centre for Applied Statistics provides mathematical and statistical advice to external clients and to other disciplines within the University, promotes national and international collaboration, and supports the discipline of Statistics within the University and the wider statistical community.

Reporting Structure

Reports to: Head of Department

Direct Reports: Nil

Your role

The appointee will conduct high impact research and high quality teaching in Statistics and Data Science, contributing to the School's initiatives to promote teaching and research in Statistics and Data Science at UWA, and contributing to the University's research priorities.

The appointee will be expected to play a leading role in teaching and curriculum design and to contribute to the consulting activities of the Centre of Applied Statistics.

The successful candidate will display enthusiasm for scholarship, capacity for academic leadership, willingness to engage with client departments and with industry, and a strong desire to participate in undergraduate and postgraduate teaching.

Key responsibilities

- Identify and develop a wide range of research projects, contributing to the Faculty's

reputation in Statistics and Data Science.

- Contribute strongly to leadership of an innovative multidisciplinary research team.
- Lead and contribute to the teaching of world class undergraduate and postgraduate courses, making a distinguished personal contribution in the area of Statistics and Data Science
- Identify and nurture opportunities for collaboration across the University, including involvement in professional associations, conferences and other external activities.
- Supervise undergraduate and postgraduate research projects.
- Contribute to community engagement by building strong working relationships with a range of stakeholders including government and industry.
- Actively support the University's commitment to health and safety, and equity and diversity.
- Other duties as required.

Your Specific work capabilities (selection criteria)

To be considered for this role, the candidate will have:

- A PhD in Statistics or a relevant field.
- Research expertise in an area of Statistics or Data Science supportive of the School's activities.
- A track record of publication in peer-reviewed international journals and grant writing success (relative to opportunity).
- Teaching and learning expertise in the disciplines of Statistics and Data Science.
- A track record in course development, engaging active learning techniques, and successful student evaluation (relative to opportunity).

Experience in collaboration between academia and industry will be considered favourably.

Special Requirements

Nil

Compliance

Workplace Health and Safety
All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).
All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements.
Details of the safety obligations can be accessed at http://www.safety.uwa.edu.au

Equity and Diversity
All staff members are required to comply with the University's Code of Ethics and Code of Conduct and Equity and Diversity principles. Details of the University policies on these can be accessed at http://www.hr.uwa.edu.au/publications/code_of_ethics, http://www.equity.uwa.edu.au