



Mission Statement for Research

The research mission of the Department of Statistical Science is to identify, develop and apply the sound statistical foundations essential for advances in the physical, social, environmental and medical sciences. In pursuit of this mission the Department aims to:

- Be a world leader in research into the foundations of statistics and generic statistical theory and methodology, making important contributions to applications spanning science, social science, medicine and engineering.
- Employ high calibre staff with diverse research interests in statistics and related fields but sharing a belief in the unity of statistics and the importance of two-way interaction between theory and methodology on the one hand and the scientific requirements of real-world applications on the other.
- Publish innovative methodological work, not only in core statistical journals but also in subject-matter outlets in order to maximise its impact.
- Develop partnerships with scholars, both locally and around the world, form collaborative inter-disciplinary teams and work with industry and the professions.
- Attract high quality research students and postdoctoral researchers, thereby contributing to the training of statisticians in leading edge statistical theory, methodology and application.