



Department of Statistics & Computer Science
Faculty of Science / University of Peradeniya



Dr. Lakshika S. Nawarathna

B.Sc. (Perad.), M.Sc., Ph.D. (UT Dallas, USA)

Senior Lecturer

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About Me

Dr. Lakshika S. Nawarathna is a Senior Lecturer in the Department of Statistics and Computer Science, Faculty of Science, University of Peradeniya. Her research interests encompass Biostatistics, Bayesian Statistics, and Statistical Methodology, with a particular emphasis on method comparison studies. She is actively involved in research projects that drive the advancement of statistical methodologies and their practical applications.

Higher Education Qualifications



PhD

University of Texas at Dallas
USA



MSc

University of Texas at Dallas
USA



BSc

University of Peradeniya
Sri Lanka

Awards, Scholarships, Memberships & Fellowships

-  Life member, Institute of Applied Statistics Sri Lanka (IASSL)
-  Life member, Delta Epsilon Iota Academic Honor Society
-  Research Excellence Award, Faculty of Science, University of Peradeniya, 2017 to 2024.
-  The Excellence in Teaching Award of the Faculty of Science, University of Peradeniya in Recognition of Distinguished Undergraduate Teaching in the academic years 2018/19, 2019/20, 2020/21.
-  University of Peradeniya Research Council Research Award, 2024
-  National Educator Award (Silver Award) in Mathematics and Statistics, 2025

Positions Held



Senior Lecturer

My Teachings

- 🕒 ST101: Introduction to Statistics
- 🕒 ST203: Theory of Statistics
- 🕒 ST303: Design and Analysis of Experiments
- 🕒 ST308: Bayesian Statistics I
- 🕒 ST404: Stochastic Processes
- 🕒 ST405: Multivariate Methods II
- 🕒 ST406: Bayesian Statistics II

Research Interests (Research Fields/ Projects)

Biostatistics

Bayesian Statistics

Statistical Methodology

Method Comparison Studies

Ongoing Research and Projects



Nothing to show under this subheading !!!

Key Publications

- ★ Statistics in Medicine - (2015)

A Heteroscedastic Measurement Error Model for Method Comparison Data with Replicate Measurements

- ★ Statistics in Medicine - (2013)

Measuring Agreement in Method Comparison Studies with Heteroscedastic Measurements,

Conferences



Nothing to show under this subheading !!!

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/scs/staff/Lakshika-Nawarathna>