



## 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 of the Faculty of Science University of Peradeniya in recognition of Outstanding Research Contribution in the years 2017, 2018, 2019, 2020, 2021, 2022 and 2023.










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.

## 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>