RUSHANI DARSHIKA WIJESURIYA

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EDUCATION

- **Doctor of Philosophy (PhD) in Biostatistics**   2018 -2021
  The University of Melbourne, Australia
  Thesis: Evaluation of multiple imputation approaches for dealing with incomplete three-level data

- **Bachelor of Science (BSc) in Statistics (Honours) – G.P.A: 3.68/4.00 (1st class)**   2012-2017
  University of Colombo, Sri Lanka
  Undergraduate Thesis: Comparing the Performance of Randomization Tests and Traditional Tests:
  A Simulation Study

- **Chartered Institute of Management Accountants (CIMA) – United Kingdom**   2011-2015
  Exams Completed

EMPLOYMENT HISTORY

- **Methods and Implementation Support for Clinical and Health research Hub (MISCH)**   2021 February- Present
  The University of Melbourne, Australia
  CASUAL BIOSTATISTICAN
  I assist research teams with refining the research questions, develop statistical analysis plans, conduct the statistical analyses, draft reports on research findings and assist with writing the research papers.

- **Centre for Epidemiology and Biostatistics**   2018 August- Present
  Melbourne School of Population and Global Health
  The University of Melbourne, Australia
  CASUAL ACADEMIC TUTOR
  I deliver tutorials, conduct Stata statistical software practical sessions and grade assessments for the statistical courses on Biostatistics and, Linear and Logistic Regression for Master of Public Health and statistical inference for Master of Biostatistics at The University of Melbourne.

- **Department of Statistics, University of Colombo, Sri Lanka**   2017 February- 2018 February
  ASSITANT LECTURER
  I prepared and delivered lectures and tutorials. I designed and graded assignments for a number of statistical courses conducted by the Department of Statistics in liaison with the other departments and faculties in the University of Colombo. I also assisted in R workshops conducted by the department and with statistical analysis for research projects undertaken by the department.

- **Moody's Analytics Knowledge Services**   2015 August -2015 November
  QUANTITATIVE RESEARCH SERVICES INTERN
  I was involved in developing a model for predicting the credit rating of companies

TEACHING EXPERIENCE

Professional workshops
- **Victorian Centre for Biostatistics**,
  Multiple imputation workshop: Tutor and lecturer   2020 February
  Multiple imputation for missing data workshop: Tutor   2019 February

- **Clinical Epidemiology and Biostatistics Unit (CEBU), Murdoch Children's Research Institute, Melbourne**
  R and Stata practical courses   2018 May-Present
  Introduction to Biostatistics courses   2018 December-Present

Postgraduate and Undergraduate Teaching:
- **Master of Public Health, Melbourne School of Population and Global Health, The University of Melbourne**
  Biostatistics: Demonstrator and assessor   2019 April
  Linear and Logistic Regression: Tutor, demonstrator and assessor   2018 August-present
  Inference Methods for Biostatistics Tutor and assessor   2020 April
  Linear and Logistic Regression: Australia awards tutor   2019 August-present

- **Bachelor of Science in Pharmacology (Honours) – Faculty of Science and Faculty of Medicine, University of Colombo**
  Essential Mathematics for Statistics: Lecturer and course coordinator   2017-2018

- **Bachelor of Information Systems – University of Colombo school of Computing**
  Business Statistics: Lecturer and course coordinator   2017-2018

- **Bachelor of Science (Industrial Statistics) – Faculty of Science, University of Colombo**
  Fundamentals of Statistics: Demonstrator and assessor   2017-2018

- **Royal Children's Hospital, Murdoch Children's Research Institute, Melbourne**
  Introduction to high performance computing   2020 May

PEER-REVIEWED PUBLICATIONS

- Wijesuriya R, Moreno-Betancur M, Carlin JB, Lee KJ. Evaluation of approaches for multiple imputation of three-level data. BMC Medical Research Methodology. 2020; 20 (1):1-15.

- Wijesuriya R, Moreno-Betancur M, Carlin JB, De Silva AP, Lee KJ. Evaluation of approaches for accommodating interactions and non-linear terms in multiple imputation of incomplete three-level data. Biometrical Journal [being revised to be resubmitted to Biometrical Journal]

PRESENTATIONS

Conference presentations

- Evaluation of approaches multiple imputation of incomplete three-level data   2021 July
  Australian and New Zealand Statistical Conference, Gold Coast, Australia

- Evaluation of approaches for accommodating interactions and non-linear terms in   2020 August
  multiple imputation of incomplete three-level data
  41st (virtual) Conference of the International Society for Clinical Biostatistics, Krakow, Poland

- Bachelors to PhD: taking the leap   2020 August
  Early Career Biostatistician's Day
  41st (virtual) Conference of the International Society for Clinical Biostatistics, Krakow, Poland

- Evaluation of approaches for multiple imputation in three-level data structures   2019 October
  Melbourne Children's Campus Department of Paediatrics Student Symposium

- Evaluation of approaches for multiple imputation in three-level data structures   2019 October
  Young Statisticians Conference, Canberra, Australia

- Comparing the Performance of Randomization Tests and Traditional Tests: 2017 May
  A Simulation Study
  International Conference on Computational Modelling and Simulations, Colombo, Sri Lanka

Invited talks

- Evaluation of approaches for accommodating interactions and non-linear terms in   2020 November
  multiple imputation of incomplete three-level data
  International Missing Data, Imputation and Analysis (MiDIA) Group meeting

- Evaluation of approaches for multiple imputation in three-level data structures   2019 September
  Young Statisticians showcase, Victoria, Australia

SCHOLARSHIPS AND AWARDS

Melbourne Research Scholarship   2018- 2022
Four-year scholarship for full tuition fee remission and living allowance funded
by the University of Melbourne

2019 Student Conference Support Award   2019
Travel scholarship awarded by the Murdoch children's research institute

Young Statisticians Travel Award   2019
Travel scholarship funded by the Victorian branch of the Statistical society of Australia

Murdoch children's research institute 3 Minute Thesis (3MT) competition-July   2020
2nd runner up
3MT is an exercise in developing academic and research communication skills by reducing complex research down to a brief, interesting and accessible 3-minute presentation

MEMBERSHIPS

- International Missing data, imputation and analysis (MiDIA) research group   2020-Present
- International Society for Clinical Biostatistics (ISCB)   2020-Present
- The Statistical Society of Australia (SSA)   2018-Present
- The Victorian Centre for Biostatistics (ViCBiostat)   2018-Present

A SELECTED LIST OF EXTRACURRICULAR AND VOLUNTEER WORK

- 2020 Committee Member of Melbourne Children's Campus Research Students Association (MCCRSA)
- Current member of the SSA Equity, Diversity and Inclusivity Committee
- Review journal articles for the Journal of Paediatrics and Child Health
- Speaker panel moderation for the MCCRSA annual student conference 2020
- Stat circle University of Colombo: Organizing the Stat day 2016, compering and speaker panel moderation
- Assistance with University of Colombo research symposium 2016

REFREES

Prof Katherine Lee
Associate Director
Melbourne Children's Trials Centre
Clinical Epidemiology & Biostatistics
Murdoch Children's Research Institute
The Royal Children's Hospital,
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Prof John Carlin
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