DukeNUS Medical School

Signature Seminar Series

Developing Quantitative Collaboration Units in Academic Health Centers

ABOUT THE LECTURE

The Duke Biostatistics, Epidemiology and Research Design (BERD) Core builds on Duke's Clinical and Translational Science Award (CTSA) program. Initiated in 2006, the National Institutes of Health (NIH) established the CTSA program to provide academic medical centers the ability to establish robust research infrastructure for their faculty and institution. The Duke BERD Core is designed to meet two equally essential goals to improve data driven research: 1) link investigators with quantitative and qualitative methodologists across Duke and affiliated institutions, and 2) collaborate with an interdisciplinary network of clinical and translational investigators by providing expertise in study design, real world evidence, implementation of methodology, and interpretation of results. We present a conceptual framework for developing collaboration units that can meet these goals in order to improve access to biostatistics and quantitative collaborations across academic health centers. We examine the key elements for designing quantitative collaboration units in academic healthcare, evaluation methods, and discuss workforce development methods that can support these units.

Speaker: **Gina-Maria Pomann, Ph.D.**
Assistant Professor, Biostatistics and Bioinformatics
Director, CTSI BERD Core
Duke University School of Medicine



Host: **Prof Roger Vaughan**
Associate Dean, Research
Director, Centre for Quantitative Medicine
Duke-NUS Medical School

Date: **Tuesday, 7 March 2023**

Time: **12.00 PM - 1.00 PM**

Venue: **For in-person attendance:**
Duke-NUS Medical School
Amphitheatre, Level 2

For virtual seminar (via Zoom), please register *HERE*.
(Please rename your login name to include your institution to facilitate admission)

Contact Person: **Ms Kathleen Chan (kathleen.chan@duke-nus.edu.sg)**
Duke-NUS Research Affairs Department

ABOUT THE SPEAKER

Dr. Pomann has a PhD in Statistics and is the Director of the Duke Biostatistics, Epidemiology and Research Design (BERD) Core. The BERD Core consists of collaborative 40+ biostatisticians and quantitative scientists (faculty, staff and students) who work with the interdisciplinary network of researchers at Duke. She is well known for developing methods to improve the workforce of quantitative collaborators and novel methods for embedding these scientists in academic healthcare.

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