

# Workshop

# Nonlinear Longitudinal Modelling in R

The workshop will be an interactive mix of the theory behind **non-linear mixed effects models and hands-on exercises** in the **NLive package for R** with instructions from Professors who proposed several nonlinear longitudinal methods and the developers of the NLive R package!

**Location:** Karolinska Institutet, Campus Flemingsberg

**Date:** May 6th – 8th, 2024

**Instructors:** **Ana Capuano**, Ph.D. (course director),

Associate Professor Biostatistics, Rush University, Co-leader data and statistical core of the Rush Alzheimer's Disease Research Center, PI TAATA

**Donald Hedeker**, Ph.D.

Professor of Public Health Sciences, The University of Chicago

**Maude Wagner**, Ph.D.

Assistant Professor Biostatistics, Rush University

**Agenda:** Day 1: Theory. Linear and non-linear mixed-effect models.

Day 2: Hands-on practice. Using the NLive package.

Day 3: Work on your data and write an abstract.

**Applications are now open. Travel fellowships and first selection announcement on March 1st. Waiting list announcement by April 29th.**

This is a selective fully sponsored program. Full scholarships are available for selected participants. Travel fellowships of up to 2,500 dollars are available to selected participants from low-income countries.

**Application/registration Link:**

[https://docs.google.com/forms/d/e/1FAIpQLSfoXavHyPZo1M3wUI7TPgRne-4WPcWJC3AExjoVRKLecBw2sQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSfoXavHyPZo1M3wUI7TPgRne-4WPcWJC3AExjoVRKLecBw2sQ/viewform?usp=sf_link)

Questions? [nlivekarolinskainstitutet@gmail.com](mailto:nlivekarolinskainstitutet@gmail.com)



Department of Neurobiology, Care  
Sciences and Society  
Division of Clinical Geriatrics

**TAATA**  
Training in Advanced Analytical Techniques in Aging



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