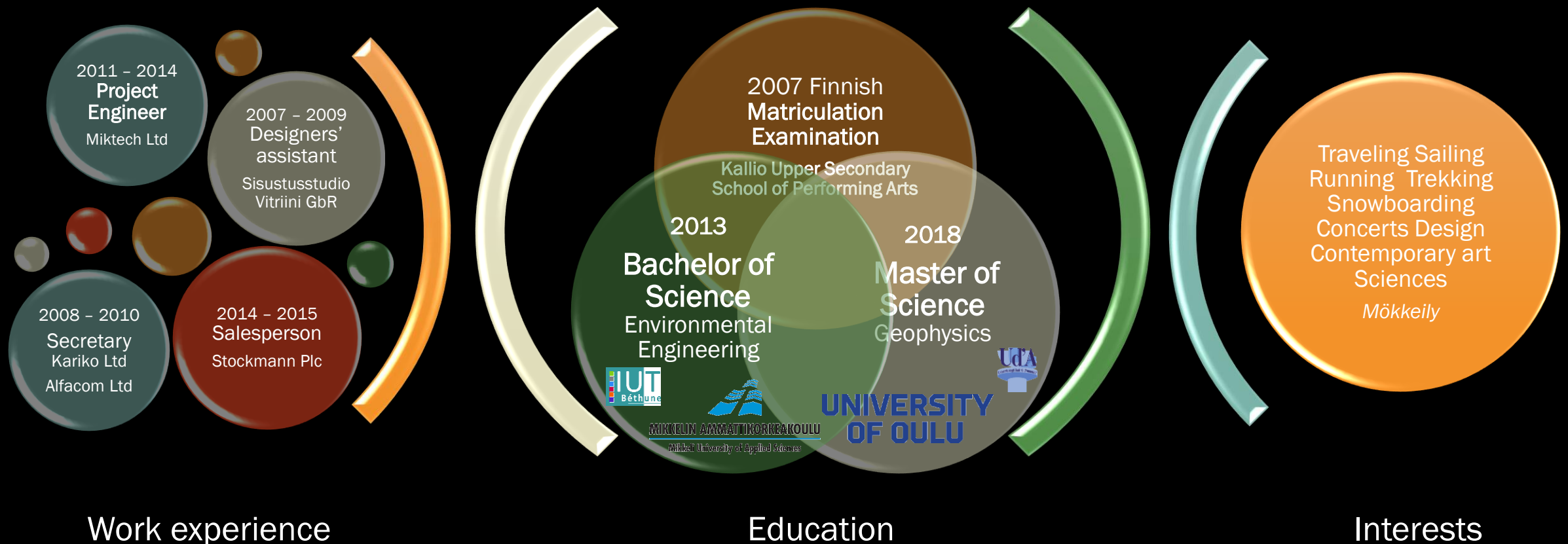


# FIIA-CHARLOTTA NURMINEN



# PROBABILISTIC FAULT DISPLACEMENT HAZARD IMPROVED METHODOLOGY AND APPLICATIONS

UniCH, Institut de radioprotection et de Sûreté Nucléaire (IRSN) and California Geological Survey

## Objectives of the PhD project

- Updated databases for fault displacement hazard (FDH)
- Development of a methodological procedure for FDH analysis (e.g. attenuation relationships)
- User-friendly open-source computing code for estimating the FDH for different fault types (T, N, SS)
- Detailed FDH characterization and PFDHA maps for selected sites
- Knowledge transfer to geologists, engineers, land use planners etc.

