

# **QUARTILES: QUestionnaAiRes – Training In planning and Launching Effective Surveys**

**Information Session**

**Friday, 04 October 2019**

# Project team

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# Background information

- Reports to Academic Council
  - Research & Innovation Committee, *Postgraduate and undergraduate research projects ethical and data management oversight*, March 2019
  - Research Ethics Committee, *Annual Report*, June 2019
- [Maths Learning Community](#)
  - [Qualities of Good Questions in Questionnaire Design](#)

# Work plan: Develop further resources on

- Sampling methods
- Required response rate
- Questionnaire length
- Question wording
- Order of questions
- Platforms to develop online questionnaires/surveys
- Data storage

# Seminars

- 1. REQUIRED: Research Ethics in QUESTIONNAIRE Design,**  
Friday, 10 January 2020
- 2. EXcel Calculator for Experiential Learning in Statistics (EXCELS) – Good practice in statistical analysis,**  
May 2020

# REQUIRED: Research Ethics in QUESTIONNAIRE Design

[Dr Helen Purtill](#), *Lecturer in Statistics*, University of Limerick

- Steps involved in designing a reliable questionnaire.
- Importance of a Statistical Analysis Plan (SAP).

[Prof. Ger Kelly](#), *Research Integrity Officer & Chair of Research Ethics Committee*,  
Cork Institute of Technology

- Ethics and Research Integrity in questionnaire design.

[A. N. Other](#)

- GDPR and data storage.

# EXcel Calculator for Experiential Learning in Statistics (EXCELS) – Good practice in statistical analysis

[Tadhg O'Shea](#), *Lecturer*, Institute of Technology Tralee,  
*Author of [Essential Statistics for Researchers](#)*



- Promote the use of statistics to reduce complex data situations to manageable formats in Excel.
- Perform and critique descriptive statistics and statistical tests based on one/two sample measurements, **using an automated process**, in Excel.
- Communicate effectively statistical findings in a clear concise manner using correct terminology based on output from Excel.

# Questions, feedback, suggestions????

- Is our work plan missing anything?
- Are there other issues, around questionnaire design, that you encounter on a regular basis?
- Any questions?
- Feedback?
- Suggestions?

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# Thank you!

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