Festival of Learning Showcase Session

Facilitator: Mr Peter Allen, Lecturer, School of Psychology and Speech Pathology

Strategic theme: Rich, interactive learning experience

Subject Title: Introducing StatHand: A mobile application supporting students’ statistical decision making

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Brief Description:

Quantitative research methods play a critical role in the development of professional competence across the health, behavioural and social sciences. They are also an area of weakness for many students. Students particularly struggle to select suitable tests for different data and hypotheses, and this skill is not often practiced in class. Decision trees (or graphic organisers) are known to facilitate this decision making process, but extant trees have a number of limitations. Furthermore, research indicates that students are more likely to access mobile-based material than content delivered via the web or face-to-face. It is within this context that we have been developing StatHand, a cross-platform mobile application to designed to support students’ statistical decision making. In the current session, I will briefly articulate the rationale behind StatHand, before providing attendees with a live demonstration of the application. The session will conclude by outlining a road map for the ongoing development and evaluation of StatHand.

Benefits:

Attendees will have the opportunity to trial StatHand, and begin considering how they can use it as a tool to support their own teaching and research supervision.

Time/Day: Tuesday 17 March 2015, 2:00 – 2:30pm

Duration: 30min

No. of Sessions: One

Venue: Building 211:Room 223

Special Requirements: Powerpoint facilities