

The Biological and Biomedical Joint Seminar Series

(Hosted by the departments of Molecular & Cellular Biology, Chemistry & Biochemistry, Cellular & Molecular Medicine, and Plant Sciences)

“Power Surge: The creation and use of large internet-based cohorts to study cognitive aging”

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ENR2 Room SI07 @ I1AM

Hosted By: Joyce Schroeder



Statistical power is a major concern for many human research studies. To address this, we created an internet-based study cohort (MindCrowd at www.mindcrowd.org) with a focus on understanding cognitive aging. In this seminar I will discuss the pros and cons of utilizing such a cohort in research including aspects related to recruitment and retention. I will detail our findings on demographic, health, lifestyle, medical, and genetic factors that are associated with cognitive performance as well as take a glimpse into the future of this style of cohort and its use in cognitive aging research.

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