

The University of Hong Kong
Department of Psychology

Departmental Seminar

The Replication Crisis: Looking Back and Moving Forward

Date: December 8, 2015 (Tuesday)
[changed from Dec 7, 2015 to Dec 8, 2015]
Time: 11:00 a.m. – 12:00 noon
Venue: CPD-2.58, Central Podium Level, Centennial Campus, HKU
Speaker: Mr. Felix Cheung
Michigan State University

Replication is a cornerstone of science. Independent researchers should be able to successfully duplicate published findings in independent attempts. High profile failed replications in multiple disciplines (e.g. medicine, genetic research, psychology, etc) have called the reproducibility of published findings into question. In the first half of the seminar, I will present the findings from the Reproducibility Project (Open Science Collaboration, 2015, Science). The goal of the Reproducibility Project is to systematically estimate the reproducibility of psychological science. A team of 270 researchers replicated 100 findings published in 3 top psychology journals. Across multiple evaluation criteria, the majority of replications failed to duplicate the results of the original studies. In the second half of the seminar, I will present recent developments in 1) research practices and 2) research evaluation. The former promises to produce more reproducible findings, and the latter helps researchers to identify more reproducible research from less reproducible research. Let's build a more beautiful science together!