



James MacKillop, PhD



HEALTH SCIENCES
Psychiatry & Behavioural
Neurosciences

Research Work

Dr. MacKillop trained as a clinical psychologist at the State University of New York at Binghamton (BA, MA, PhD) and Brown University (internship, fellowship). He is the inaugural holder of the Peter Boris Chair in Addictions Research, Director of the Peter Boris Centre for Addictions Research, and Director of the Michael G. DeGroot Centre for Medicinal Cannabis Research. Dr. MacKillop's research has generated more than 250 peer-reviewed publications and other works to date, and has been recognized by awards from the Society for Addiction Psychology, the Research Society on Alcoholism, and the American Psychological Association. His research program has been funded by extramural grants from the Canadian Institutes of Health Research, National Institute on Alcohol Abuse and Alcoholism, National Institute on Drug Abuse, and the Robert Wood Johnson Foundation, among others. In addition to his own research, he is active in peer review, serving in editorial roles for *Addiction* and *Alcoholism: Clinical and Experimental Research*.

Current Research Projects Include:

- Cohort studies of alcohol and other substance misuse over the course of emerging adulthood
- Cohort studies of recovery from substance use disorders, with an emphasis on mechanisms of behavior change
- Brain imaging studies investigating the neural correlates of alcohol use disorder, with an emphasis on neuroeconomic mechanisms
- Clinical research on integration of research with clinical practice, concurrent disorders, measurement-based care, and treatment pathway development
- Investigations of the relationship between cannabis use and cognitive functioning
- An investigation of the consequences of cannabis legalization

Engagement Opportunities

Introductory Level

- Scoping reviews
- Critical reviews
- Systematic reviews

Intermediate Level

- Analysis of cross-sectional archival data for presentation and publication

Advanced Level

- Analysis of longitudinal archival data for presentation and publication
- Meta-analysis

If you are interested in learning more, please leave your contact information with the Research Office and/or contact Dr. MacKillop at jmackill@mcmaster.ca