

# Psychology Undergraduate Thesis Stream

Supervisors Considering Thesis Students for Fall 2020 Admission

Faculty websites can be accessed via: <http://www.ryerson.ca/psychology/about-us/our-people/faculty/>

Name	Considering Applicants? (yes or no)	Research Interests
Martin M. Antony, PhD, CPsych	yes	Anxiety and related disorders (e.g., panic disorder, obsessive compulsive disorder, social anxiety, phobias); cognitive behavioural therapy; perfectionism
Leslie Atkinson, PhD, CPsych	no	Attachment and psychopathology; developmental psychopathology; influence of genetics and environment on the development of stress physiology in infants and children
Tara Burke, PhD	Yes	Social psychological processes associated with legal decision making, alibi evidence, jury dynamics, impact of pretrial publicity, police and juror beliefs about suspects and witnesses, prejudice in the courtroom
Colleen Carney, PhD, CPsych	yes	Insomnia; mood disorders; rumination; social rhythms; the relation between cognition and mood; cognitive behaviour therapy for insomnia
Stephanie Cassin, PhD, CPsych	yes	Obesity; weight loss surgery; eating disorders; binge eating; food addiction; body image
Becky Choma, PhD	yes	Socio-political ideologies in relation to intergroup attitudes, support for democracy, political and social intolerance, anti-science beliefs, and collective action; prejudice and discrimination, including Islamophobia, sexism.
Alyssa Counsell, PhD	yes	Quantitative and qualitative methods, research design, psychological measurement, statistical modeling, equivalence testing, boosting statistical literacy in psychology, attitudes toward statistics, philosophy of science, open science, anxiety, and health
David M. Day, PhD, CPsych	yes	Development and course of antisocial and delinquent behaviour; crossover youth; program evaluation; children's mental health, particularly externalizing disorders
Sarah Dermody, PhD	yes	We investigate psychosocial and psychopharmacological factors that influence alcohol and cigarette use and treatment, and LGBTQ+ substance use and related interventions. To accomplish this, we use a combination of analysis of preexisting data, survey designs, and laboratory-based research.
Jason Deska, PhD	yes	Social cognition; person perception; stereotyping, prejudice, and discrimination. How social category membership (e.g., race, SES, gender) and features of individuals (e.g., facial appearance, emotion expression, body shape) lead to discriminatory and dehumanizing judgments.

Michelle Dionne, PhD	Yes	Psychosocial variables that impact eating, body image, and women's participation in sport and exercise; Self-objectification and flow.
Alexandra J. Fiocco, PhD	Yes	Stress and wellbeing; effect-modifiers of stress; mindfulness; lifestyle behaviours (e.g. exercise, diet) and wellbeing
Todd Girard, PhD	Yes	Memory (spatial, emotional, episodic, autobiographical); cognitive and clinical neuroscience; sleep-paralysis
Alasdair Goodwill, PhD	yes	Forensic psychology, criminology, behavioural investigative advising, offender profiling, geographical profiling, threat assessment, terrorism, investigative and risk decision making, advanced statistics.
Maria Gurevich, PhD	No	Constructions of gender, sexuality and identity; critical psychology; feminist epistemologies and methodologies; qualitative research
Tae Hart, PhD	Yes	Clinical health psychology; quality of life in colorectal cancer, hereditary cancer and colorectal diseases
Trevor Hart, PhD, CPsych	Yes	Clinical trials to prevent HIV and promote sexual health, STI/HIV risk factors, male sexual functioning, improving health outcomes among people with HIV, psychology of gay and bisexual men
Naomi Koerner, PhD, CPsych	yes	Cognition and psychopathology; gaining a better understanding of etiological and maintaining factors in clinical disorders; refining psychological treatments; cognitive structures, processes (e.g., attention, appraisal, interpretation, problem-solving) and self-reported thoughts and attitudes; worry and generalized anxiety disorder
Lili Ma, PhD	Yes	Social-cognitive development in early childhood: selective social learning; credulity toward misinformation; effects of scarcity on judgment and decision-making
Karen Milligan, PhD, CPsych	yes	Children, emotion regulation, executive function, maternal substance use, school-based mental health, treatment research.
Candice Monson, PhD, CPsych	yes	Trauma recovery; PTSD; intimate relationships; cognitive-behavioural therapy; couple therapy; clinical trials
Margaret Moulson, PhD	Yes	Infant development; face and emotion processing; developmental cognitive neuroscience; eye-tracking; EEG.
Tisha Ornstein, PhD, CPsych	Yes	Neuropsychological impairment in pediatric and adulthood psychopathologies, including ADHD, OCD, and traumatic brain injury (TBI), with a focus on frontal striatal pathways, clinical phenomena, and activities of daily living; TBI related to cognitive deficits, pain disorders, mood and anxiety; emphasis on brain-behaviour relationships
Maureen Reed, PhD	No	Vision science; resourcefulness and resilience as predictors of academic success

Frank A. Russo, PhD	Yes	Communication sciences (speech, music, nonverbal) and disorders; music-based interventions for health and wellbeing. Thesis students have an opportunity to receive exposure and training in a broad range of methods including audiometry, psychophysics, fNIRS, EEG, EMG, neuroendocrine, and acoustic analyses.
Julia Spaniol, PhD	Yes	Cognitive psychology and motivation science. We study how motivation (intrinsic/extrinsic; selfish/altruistic) and emotional arousal affect cognition: the way we think, what we remember, and how we make decisions. Thesis students have access to behavioural, physiological (EEG, eye-tracking) and self-report methods for their thesis work. Students are welcome to bring their own research questions, or to develop ideas collaboratively.
Karl Szpunar, PhD	yes	Cognitive and neural mechanisms that support functional uses of memory in everyday life. Our work currently aims to: (i) help learners overcome the limits of attention and memory in traditional educational settings, (ii) understand the role of memory in giving rise to spontaneous mental simulations of future events and their impact on behaviour and well being, and (iii) understanding how future thinking in young and old adults impacts the future of society.
John Turtle, PhD	yes	Social psychology and social cognition factors that influence what people believe about controversial claims like “psi phenomena,” complementary and alternative medicine, detecting deception, assessing personality types, and others. As well, ways to potentially help people learn about the factors that likely influence their beliefs (e.g., critical thinking skills, foundations of science, the history of some specific beliefs).
Kristin Vickers, PhD	No	Panic disorder and respiration; stress reactivity and stress management; student learning; the relationship between anxiety and eating disorders.
Stephen Want, DPhil	No	Basic and applied questions regarding social comparisons; social interactions in video games; confirmation bias in internet searches; demand characteristics and reproducibility in psychological research
Lixia Yang, PhD	Yes	Cognitive aging, particularly age-related changes in attention, executive functions, memory, and emotional processing; Training-induced cognitive plasticity in older adults, for example, the cognitive and neural benefits of physical and mental exercise in older adults; Cultural differences in cognitive processing; the relationship between social engagement, cognition and well-being in immigrants

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