



Faculty Interests

Dr. Harinder Aujla, Cognitive

Dr. Aujla's research interests fall in two broad areas: 1) applying computational models of memory and semantics to categorizing and comparing text, and 2) developing tools to calculate signal detection metrics when the assumptions of the theory of signal detection are violated. [Click here for more information.](#)

Dr. Bruce Bolster, Physiology & Neuropsychology

Dr. Bolster's research interests focus on the contribution of temporal lobe structures to attention and memory. Research tools include structural and functional MRI, along with assessment of cognitive performance. Computer generated virtual environments are used to assess navigation and episodic memory in healthy individuals and those with temporal lobe pathology. [Click here for more information.](#)

Dr. Derrick Bourassa, Cognitive Development

Dr. Bourassa's research interests focus on reading and language development in children, including differences between poor and typical readers. [Click here for more information.](#)

Dr. Erin Buckels, Personality

Dr. Buckels' research interests are the psychological underpinnings of human cruelty, including the dark tetrad of personality (subclinical sadism, psychopathy, narcissism, and Machiavellianism). [Click here for more information.](#)

Dr. Stephanie Bugden, Development & Cognitive Neuroscience

Dr. Bugden's main research interest is numeracy in children. This includes what leads some children to excel in math while others struggle, and the cognitive and neurological mechanisms associated with individual differences in numerical and math development. [Click here for more information.](#)

Dr. Amy Desroches, Development & Cognitive Neuroscience

Dr. Desroches uses EEG/ERP and cognitive behavioural tasks to examine the development of reading and language. In the recent past, honours students working with Dr. Desroches have worked on projects related to spoken word and/or written word recognition in monolingual and bilingual children and adults. She also has ongoing collaborations that examine the role of reading ability in legal decision making, the role of visual attention processing during reading development, emotion processing and aging, and how reading and math abilities co-develop. [Click here for more information.](#)

Dr. Beverley Fehr, Social

Dr. Fehr's research interests are close relationships and especially the psychology of compassionate love. Her work has examined relational phenomena such as (dis)satisfaction, friendship, well-being, boredom, emotions, and relationship dissolution. [Click here for more information.](#)

Dr. Bev Fredborg, Clinical

Dr. Fredborg's research interests currently encompass three domains: (1) borderline personality disorder treatment research, (2) individual differences in emotion regulation strategy choice, and (3) understanding the mental health needs of individuals living with HIV in Manitoba. Although these areas may seem disparate, they are all related to understanding the effects of complex, interpersonal trauma in adults. [Click here for more information.](#)



The University of Winnipeg - Department of Psychology

Faculty Interests

Dr. Justin Friesen, Social

Dr. Friesen's research interests are in two broad areas. First, on the psychological motivations driving why people justify the status quo or hold certain political beliefs. Second, on the social vision of intergroup relations and how people use visual attention to form judgments of others. [Click here for more information.](#)

Dr. Jeremy Frimer, Social

Dr. Frimer's main research interests are within moral and political psychology. He has particularly studied incivility in political discourse, the moral elements of political beliefs and heroism, and differences/similarities between political liberals and conservatives. [Click here for more information.](#)

Dr. Brandon Goulding, Cognitive Development

Dr. Goulding studies the cognition of everyday decision-making, usually from a developmental perspective (i.e., participants are often children aged 3-7). Some recent projects include how people reason about the possibility of unlikely events; how people attribute epistemic states and epistemic responsibility; and how adults and (especially) children reason about the order of events in time. But he's open to studying other stuff too. [Click here for more information.](#)

Dr. Jane Lawrence-Dewar, Cognitive Neuroscience

Dr. Lawrence Dewar's research has explored topics of somatosensory perception, sensorimotor integration, and motor control and learning. A list of her publications can be found on her google scholar profile. [Click here for more information.](#)

Dr. Pauline Pearson, Perception

Dr. Pearson's research interest focus on the visual experience of the world around us, the physiological mechanisms that underlie vision, and the effect of damage and disease on that experience. [Click here for more information.](#)

Dr. Lisa Sinclair, Social

Dr. Sinclair is interested in prejudice and stereotyping related to gender and other social groups. She has investigated how the social cognitive elements of these phenomena and stereotyping are driven by psychological motives, such as to defend one's self worth against criticism. [Click here for more information.](#)

Dr. Stephen Smith, Cognitive Neuroscience

Dr. Smith is interested in how the nervous system represents different emotional experiences. Using multiple forms of neuroimaging, Dr. Smith and his students investigate how emotions, attention, and movement interact; how people regulate—or fail to regulate—their emotional responses; and how feedback from the body (interoceptive awareness) influences experiences such as empathy and emotional contagion. Dr. Smith is also interested in how different personality traits such as alexithymia mediate all of these processes. [Click here for more information.](#)

Dr. Harry Strub, Psychology & the Arts

Dr. Strub is interested in links between psychology and the arts, such as the creative process and the emotional profiles of different pieces of music. [Click here for more information.](#)

Dr. Doug Williams, Behavioral

Dr. William's research program revolves around human learning and cognition. Recent honours projects include individual differences in approach-avoidance motivations and cooperative versus competitive tendencies in the prisoner's dilemma game. [Click here for more information.](#)