

Daniel J Wilson

University of Toronto
Cognitive Neuroscience
95 Follis Ave.
Toronto, Ontario M6G 1S7 CANADA

daniel.j.wilson@gmail.com
www.danieljwilson.com
Skype: wilsodj
Phone: +1 (310) 990-9163

Education

University of Toronto

Ph.D. Student, Psychology, 2017 - .

Research: Decision Making, Computational Modeling, Neuroeconomics

M.A., Psychology, 2017.

Göteborg University and Chalmers University of Technology

M.Sc., Art & Technology, 2007.

McMaster University

B. Arts & Science (Honours), *magna cum laude*, 2001.

Awards and Honors

Postgraduate Scholarship - Doctoral

Natural Sciences and Engineering Research Council of Canada, 2018-21

Michael Smith Foreign Study Supplement

Natural Sciences and Engineering Research Council of Canada, 2018

Canada Graduate Scholarship - Masters

Natural Sciences and Engineering Research Council of Canada, 2017-18

Catherall Travel Bursary

Massey College, 2018

Franco Vaccarino UTSC Graduate Scholarship

University of Toronto Scarborough, 2017-18

Arts and Science Competitive Offer

University of Toronto, 2016-21

Massey Junior Fellow

Massey College, Toronto, 2017-18

Arts and Science Admission Award

University of Toronto, 2016-17

Media Artist and Scientist Collaboration

GRAND NCE and Canada Council for the Arts, 2014-15

Media Arts Travel Grant

Canada Council for the Arts, 2012

Emerging Video Artist Grant

Ontario Arts Council, 2008

Research

University of Toronto, 2016-Present

Graduate Researcher; Advisor: Cendri Hutcherson

Mechanisms of evaluation and weighting in value-based multi-attribute choice

- Developing computational models disentangling the roles of weighting, evaluation and attention in decision processes.

Research (cont.)	<p>University of Pennsylvania, 2018-19 Visiting Graduate Researcher; Advisor: Konrad Kording Social media usage and well being: A big data approach – Developing large scale survey of the effects of social media engagement on user affect, employing instrumental variables, NLP and deep learning.</p> <p>Princeton University, 2015 Research Assistant; Supervisor: Gecia Bravo-Hermesdorff (Niv Lab) Role of multiple features in value-based decision making – Implemented a bandit experiment created in Javascript and run through Amazon Mechanical Turk using psiTurk toolbox.</p>
Teaching	<p>University of Toronto Teaching Assistant, Cognitive Neuroscience of Decision Making, Winter 2017 Teaching Assistant, Introductory Psychology, Winter 2017 Teaching Assistant, Social Cognition, Fall 2016 Teaching Assistant, Psychology and the Law, Fall 2016</p>
Conference Presentations	<p>Wilson, D.J. and Hutcherson, C. <i>Computational modeling of value, weighting, and attention in multi-attribute choice.</i> Poster presentation: Social & Affective Neuroscience Society Annual Meeting, Brooklyn, NY., May, 2018.</p> <p>Wilson, D.J. and Hutcherson, C. <i>Development of a neuroimaging paradigm to dissociate value, weighting, and attention in multi-attribute choice.</i> Poster presentation: Society for Neuroeconomics Conference, Toronto, ON., October, 2017.</p>
Workshops	<p>Summer School In Social Neuroscience and Neuroeconomics Duke University, [link] 2017</p> <p>NEW INC, New Museum Incubator Artist in Residence New York City, [link] 2014-2015</p> <p>School for Poetic Computation New York City, [link] Spring 2014</p> <p>Union Docs Documentary Fellowship Program New York City, [link] 2013-14</p>
Professional Associations	<p>Society for Neuroscience Society for Neuroeconomics The Social and Affective Neuroscience Society Society for the Improvement of Psychological Science</p>
Volunteer	<p>Massey College Tutoring and Mentorship Program Math and science tutor for high school students, 2017-18</p> <p>University of Toronto Road Racing Team Founder and President, 2016-18</p> <p>Psychology Graduate Students Association Web Master, 2016-18</p>

Volunteer (cont.)	<p>Science Rendezvous University of Toronto, 2017</p> <p>University of Toronto Machine Learning Club Co-Founder, 2016-17</p>
Professional Projects (selected)	<p>minutiae, 2016-Present An anti-social media experiment in the form of a smart phone app, that forces users to document the banal quotidian moments of their lives for 1440 consecutive days. [link] [media]</p> <p>The Circus, Showtime, 2016 Editor on weekly documentary series chronicling the behind the scenes stories during the 2016 primary campaign. [link] [review]</p> <p>Separate and Unequal, PBS FRONTLINE, 2014 Editor on documentary investigating the growing racial divide in American schools. [link]</p> <p>9Y40, 2013 A performance artwork consisting of an audio collage culled from material collected during one month of driving a yellow cab for the night shift in New York City. [link] [media]</p> <p>A Death in St. Augustine, PBS FRONTLINE/New York Times, 2013 Co-producer and editor on a collaboration with a Pulitzer Prize-winning journalist examining the issue of domestic violence in the police ranks through the lens of a young mother's suspicious death. [link] [link]</p>
Languages and Skills	<p>English (native), French (advanced), Spanish (conv.), German (conv.)</p> <p>Python, R, Matlab, Javascript, openFrameworks, Processing, MySQL</p> <p>Unity, 3DS Max, Raspberry Pi, Arduino, Video production</p>