

# Daniel J Wilson

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University of Toronto  
Cognitive Neuroscience  
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## 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

### **Canada Graduate Scholarship - Masters**

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

### **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

### **Glass Screen Commission**

Digital Broadway, Nottingham, 2009

### **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.

### **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.

**Research (cont.)**  
**Princeton University**, 2015  
 Research Assistant; Supervisor: Gecia Bravo-Hermsdorff (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.

**Teaching**  
**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

**Conference Presentations**  
**Wilson, D.J.** and Hutcherson, C. Development of a Neuroimaging Paradigm to dissociate value, weighting, and attention in multi-attribute choice. Poster presentation at the Society for Neuroeconomics Conference, Toronto, ON., October, 2017.

**Workshops**  
**Summer School In Social Neuroscience and Neuroeconomics**  
 Duke University, [\[link\]](#) 2017  
**NEW INC, New Museum Incubator Artist in Residence**  
 New York City, [\[link\]](#) 2014-2015  
**School for Poetic Computation**  
 New York City, [\[link\]](#) Spring 2014  
**Union Docs Documentary Fellowship Program**  
 New York City, [\[link\]](#) 2013-14

**Professional Associations**  
 Society for Neuroscience  
 Society for Neuroeconomics  
 The Social and Affective Neuroscience Society

**Volunteer**  
**Massey College Tutoring and Mentorship Program**  
 Math and science tutor for high school students, 2017-18  
**University of Toronto Road Racing Team**  
 Founder and President, 2016-18  
**Science Rendezvous**  
 University of Toronto, 2017  
**University of Toronto Machine Learning Club**  
 Co-Founder, 2016-17

**Professional Projects (selected)**  
**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. [\[link\]](#) [\[media\]](#)  
**The Circus**, Showtime, 2016  
 Editor on weekly documentary series chronicling the behind the scenes stories during the 2016 primary campaign. [\[link\]](#) [\[review\]](#)

Professional Projects (cont.)	<p><b>Separate and Unequal</b>, PBS FRONTLINE, 2014  Editor on documentary investigating the growing racial divide in American schools. <a href="#">[link]</a></p> <p><b>9Y40</b>, 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. <a href="#">[link]</a> <a href="#">[media]</a></p> <p><b>A Death in St. Augustine</b>, 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. <a href="#">[link]</a> <a href="#">[link]</a></p>
Languages and Skills	<p>English (native), French (advanced), Spanish (conv.), German (conv.)  Python, R, Matlab, Javascript, openFrameworks, Processing, MySQL  Unity, 3DS Max, Raspberry Pi, Arduino, Video production</p>