

**UNIVERSITY OF  
WATERLOO**



**GRADUATE EXPEDITED PROPOSAL  
OF  
GRADUATE DIPLOMA  
IN  
COMPUTATIONAL DATA ANALYTICS FOR THE SOCIAL  
SCIENCES & HUMANITIES**

**Submitted to the  
Ontario Universities Council on Quality Assurance**

**VOLUME II – FACULTY CURRICULA VITAE  
APRIL 2020**

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**ANDERSON, Britt**

Associate professor, tenured

Member of the Graduate Faculty: yes

b) **DEGREES:** designation, institution, department, year

Ph.D. Brain Science, Brown University, U.S.A., 2005

M.D. University of Southern California School of Medicine, U.S.A. 1984

B.Sc. Biology, University of Arizona, U.S.A. 1980

c) **EMPLOYMENT HISTORY:** dates, rank/position, department, institution/firm for lifetime

2012- Associate Professor, Dept. of Psychology, University of Waterloo

2012- Core Member, Centre for Theoretical Neuroscience, University of Waterloo

2017-18 Visiting Scholar, Brown Institute for Brain Science, Brown University

2007-12 Assistant Professor, Dept. of Psychology, University of Waterloo

2007-12 Core Member, Centre for Theoretical Neuroscience, University of Waterloo

2005-07 Postdoctoral Associate, Dept. of Neuroscience, Brown University

1998-2000 Secondary Appointment, Dept. of Psychology, University of Alabama at Birmingham

1998-2000 Associate Professor, Dept. of Neurology, University of Alabama at Birmingham

1997-2000 Deputy Chairman, Dept. of Neurology, University of Alabama at Birmingham

1994-2000 Chief, Neurology Service, Birmingham VA Medical Center

1993-2000 Director, Clinical Core, University of Alabama at Birmingham Alzheimer's Disease Research Center

1991-98 Assistant Professor, Dept. of Neurology, University of Alabama at Birmingham

1988-91 Chief, Neurology Service, Keesler Technical Training Medical Center

d) **HONOURS:** (F.R.S., F.R.S.C., Governor Generals Award, honorary degree, etc...)

Best Teaching Faculty, University of Alabama at Birmingham, 1999

Best Lecturer, Neurology-American College of Physicians Internal Medicine Board, 1996

e) **SCHOLARLY AND PROFESSIONAL ACTIVITIES:** past 7 years only (eg. executive and editorial positions but not memberships in societies)

2018 Deputy Chair, Arts Faculty Council, University of Waterloo

2018 Member, Annual Performance Review Committee, University of Waterloo

2017 Head, Dept. of Cognitive Neuroscience, University of Waterloo

2016- Member, Arts Faculty Executive Council, University of Waterloo

- 2015- Arts Faculty Representative, Faculty of Engineering Council, University of Waterloo
- 2014-15 Chair, Arts Faculty Council, University of Waterloo
- 2012- Internal/External Reviewer, Electrical and Computer Engineering Graduate Program, University of Waterloo

f) GRADUATE SUPERVISIONS: master=s, doctoral, postdoctoral - completed/in progress for lifetime

Completed: 5 M.A., 4 Ph.D.  
In progress: 1 M.A., 1 Ph.D.

NAME OF STUDENTS supervised within the past seven years, title of thesis or project, year of first registration and year of completion:

- . Sean Griffin (PhD), Probabilistic Adaptation and Voluntary Attention. Sept. 2018-Apr. 2019
- . Hanbin Go (MA), TBD. Dec. 2017-
- . Syaheed Jabar (PhD), The Perceptual Mechanisms of Probability Effects. Dec. 2016-Apr. 2018
- . Syaheed Jabar (MA), Orienting to probable stimuli increases speed, precision, and kurtosis. A study in perceptual estimation. Aug. 2013-Aug. 2014
- . Alex Filipowicz (PhD), Adapting to Change: The Role of Priors, Surprise and Brain Damage on Mental Model Updating. Mar. 2013-May 2017
- . Christie Haskell (PhD), The Interdependence of Attention, Memory, and Performance Based Reward. Apr. 2013-May 2016
- . Nazanin Sepahvand (MA), RELPH: A Computational Model for Human Decision Making. Aug. 2011-Aug. 2013
- . Bryan Cort (MA), Conditional Probability in Visual Search. Mar. 2011-Aug. 2013
- . Alex Filipowicz (MA), The influence of redundant spatial regularities in statistical and sequence learning. Feb. 2011-May. 2013
- . Albulena Shaqiri (PhD), Statistical learning in brain damaged patients: A multimodal impairment. June 2010-Jan. 2014
- . Michael Druker (MA), Exogenous Cuing and Perceptual Matching Judgments of Orientation and Motion. July 2010-Feb. 2012

g) GRADUATE COURSES: past 7 years, by year

Seminars:

2015 Fundamentals of Cognitive Neuroscience  
2014 Data Visualization with R  
2012, 2014, 2016 Human Neuroanatomy, Neuropathology

h) **1. EXTERNAL RESEARCH FUNDING:** past 7 years only, by year, indicating source (granting councils, industry, government, foundations, other); amount; principal investigator; purpose (research, travel, publications, etc...)

| <u>Year</u> | <u>Source</u>   | <u>Type*</u> | <u>Amount per year</u> | <u>Purpose**</u> |
|-------------|---|--------------|------------------------|------------------|
| 2012-       | NSERC<br>Discovery Award  | C            | not reported           | research         |
| 2016        | International Pilot<br>Programming Principal investigator: B. Anderson. | O            | not reported           | research         |
| 2016-17     | ProSeed Fund<br>Carnegie Mellon University                              | C            | not reported           | research         |
| 2016-17     | Strategic Project<br>Grant MacEwan University                           | O            | not reported           | research         |
| 2016-18     | Collaborator project  | O            | not reported           | research         |
| 2010-14     | CIHR Grant<br>Co-investigator: J. Danckert.                             | C            | not reported           | research         |

\*Type: C-Granting councils; G-Government; F-Foundations; O-Other

\*\* Purpose: research, travel, publication, etc.

**2. INTERNAL RESEARCH FUNDING:** This includes university funds, SSHRC minor grants awarded through the University, etc.]

| <u>Year</u> | <u>Source</u>                           | <u>Type*</u> | <u>Amount per year</u> | <u>Purpose**</u> |
|-------------|---|--------------|------------------------|------------------|
| 2014-       | UWaterloo Internal<br>Development Grant | O            | not reported           | research         |

i) **PUBLICATIONS:** The Publications should be listed in the categories shown below and include the following information: books authored, books edited (a list of the chapters contributed by the editor must follow each title), chapters in books (other than those listed in the above category), papers in refereed journals, papers in refereed conference proceedings, technical reports, abstracts and/or papers read, and others. Each title must show the names of the authors in the order in which they appear in the original publication and inclusive page numbers. Publications submitted, but not yet accepted, must be listed separately within the various categories.

1) Life-time summary (count) according to the following categories:

|  |     |
|--|-----|
| - Books authored .....                           | 1   |
| - Books edited .....                             | 0   |
| - Chapters in books .....                        | 8   |
| - Papers in <u>refereed</u> journal .....        | 80  |
| - Papers in refereed conference proceedings..... | 46* |
| - Technical reports .....                        | 0   |
| - Abstracts and/or papers read .....             | 0   |
| - Others (workshops presented) .....             | 15* |

2) Details for past seven (7) years same categories as above: books, chapters in books, papers in refereed journals.

\* - only have the number for the recent conference proceedings and workshops

Books authored:

1. Computational Neuroscience and Cognitive Modelling. A student's introduction to methods and procedures (Sage Publishing, 2014), 240 pp.

Chapters in Books:

1. Neglect as a Disorder of Representational Updating, in J. D. Danckert, E. Stöttinger, and B. Anderson, Psychology of Neglect (Nova Science Publishing, 2012) pp 1-28

Papers in refereed Journals:

1. Filipowicz, A., Valadao, D., **Anderson, B.**, Danckert, J., Rejecting Outliers: Surprising Changes Do Not Always Improve Belief Updating, Decision. 5:165-176, 2018
2. Shaqiri, A., Burnett, L., Danckert, J., **Anderson, B.**, Statistical learning impairments as a consequence of stroke, Frontiers of Human Neuroscience. 12:339, 2018
3. Stöttinger, E., Aichhorn, M., **Anderson, B.**, Danckert, J., The Neural Systems for Perceptual Updating, Neuropsychologia. 112:86–94, 2018
4. Stöttinger, E., Guay, C., Danckert, J., **Anderson, B.**, Updating impairments and the failure to explore new hypotheses following right brain damage, Experimental Brain Research. 236:1749–1765, 2018
5. Jabar, S., **Anderson, B.**, Not All Probabilities Are Equivalent: Evidence From Orientation Versus Spatial Probability Learning, Journal of Experimental Psychology: Human Perception and Performance. 43:853– 867, 2017
6. Jabar, S., **Anderson, B.**, Orientation Probability and Spatial Exogenous Cuing Improve Perceptual Precision and Response Speed By Different Mechanisms, Frontiers in Psychology; Perception Sciences. 8:183, 2017
7. Jabar, S., Filipowicz, A., **Anderson, B.**, Knowing Where Is Different From Knowing What Distinct Response Time Profiles and Accuracy Effects for Target Location, Orientation, and Color Probability, Attention, Perception, and Psychophysics. 79:2338–2353, 2017

8. Jabar, S., Filipowicz, A., **Anderson, B.**, Tuned By Experience: How Orientation Probability Modulates Early Perceptual Processing, Vision Research. 138:85–96, 2017
9. **Anderson, B.**, Attentional Effects on Phenomenological Appearance: How They Change With Task Instructions and Measurement Methods, PLoS ONE. 11.3, 2016
10. Filipowicz, A., **Anderson, B.**, Danckert, J., Adapting To Change: the Role of the Right Hemisphere in Mental Model Building and Updating, Canadian Journal of Experimental Psychology. 70:201–218, 2016
11. Haskell, C.R.M., **Anderson, B.**, Attentional Effects on Orientation Judgements Are Dependent on Memory Consolidation Processes, Quarterly Journal of Experimental Psychology. 69:2147, 2016
12. Stöttinger, E., Sepahvand, N.M., Danckert, J., **Anderson, B.**, Assessing Perceptual Change With an Ambiguous Figures Task: Normative Data for 40 Standard Picture Sets, Behav Res Meth. 48.1:201–222, 2016
13. **Anderson, B.**, Soliman, S., Shannon, O., Danckert, J., Besner, C., Control Over the Strength of Connections Between Modules: a Double Dissociation Between Stimulus Format and Task Revealed By Granger Causality Mapping in Fmri, Frontiers in Psychology.6.nil, 2015
14. Danckert, J., **Anderson, B.**, Updating Representations of Temporal Intervals, Experimental Brain Research.233:3517–3526, 2015
15. Jabar, S.B., **Anderson, B.**, Probability Shapes Perceptual Precision: A Study in Orientation Estimation, Journal of Experimental Psychology: Human Perception and Performance. 41.6: 1666–1679, 2015
16. Stöttinger, E., Filipowicz, A., Valadao, D., Culham, J.C., Goodale, M.A., **Anderson, B.**, Danckert, B., A Cortical Network That Marks the Moment When Conscious Representations Are Updated, Neuropsychologia. 79:113–122, 2015
17. Valadao, D., **Anderson, B.**, Danckert, J., Examining the Influence of Working Memory on Updating Mental Models, Quarterly Journal of Experimental Psychology. 68: 1442–1456, 2015
18. **Anderson, B.**, Probability and the Changing Shape of Response Distributions for Orientation, Journal of Vision. 14.13:1–15, 2014

19. Filipowicz, A., **Anderson, B.**, Danckert, J., Learning What From Where: Effects of Regularity on NonSpatial Sequence Learning and Updating, Quarterly Journal of Experimental Psychology. 67:1447– 1456, 2014
20. Sepahvand, N.M., Stöttinger, E., Danckert, J., **Anderson, B.**, Sequential Decisions: A Computational Comparison of Observational and Reinforcement Accounts, PLoS ONE. 9, 2014
21. Stöttinger, E., Filipowicz, A., Danckert, J., **Anderson, B.**, The Effects of Prior Learned Strategies on Updating an Opponent’s Strategy in the Rock, Paper, Scissors Game, Cognitive Science. 38:1482–1492, 2014
22. Stöttinger, E., Filipowicz, A., Marandi, E., Quehl, N., Danckert, J., **Anderson, B.**, Statistical and Perceptual Updating: Correlated Impairments in Right Brain Injury, Experimental brain research. 232:1971–1987, 2014
23. **Anderson, B.**, Druker, M., Attention Improves Perceptual Quality, Psychonomic Bulletin & Review. 20:120–127, 2013
24. Cort, B., **Anderson, B.**, Conditional Probability Modulates Visual Search Efficiency, Frontiers in Human Neuroscience. 7:683, 2013
25. Shaqiri, A., **Anderson, B.**, Priming and Statistical Learning in Right Brain Damaged Patients, Neuropsychologia. 51:2526–2533, 2013
26. Shaqiri, A., **Anderson, B.**, Danckert, J., Statistical Learning As a Possible Tool for Rehabilitation in Spatial Neglect, Frontiers in Human Neuroscience; Special Issue: Novel Insights in Rehabilitation of Neglect. 7.224:1–15, 2013

#### Papers in Refereed Conference Proceedings

1. Stöttinger, E., Guay, C., Danckert, J., **Anderson, B.**, Updating Impairment in Right Brain Damaged Patients Is Due To a Failure To Generate New Hypotheses, Tagung der Österreichischen Gesellschaft für Psychologie, 2018
2. Jabar, S., Filipowicz, A., **Anderson, B.**, Knowing Where Is Different From Knowing What. Distinct Response Time Profiles and Accuracy Effects for Target Location, Orientation, and Color Probability, European Conference on Visual Perception (ECVP), 2017
3. Striemer, C., Craig, B., **Anderson, B.**, Danckert, J., Cerebellar Contributions To Reflexive and Voluntary Covert Visual Attention :Preliminary Findings ,Cognitive Neuroscience Society,



2017

4. Filipowicz, A., Danckert, J., Koechlin, E., Domenech, E., **Anderson, B.**, Right Brain Damage Updating Impairments May Be Caused By Inefficient Exploration, The Neuroscience of Decision Making, 2016
5. Filipowicz, A., Danckert, J., Koechlin, E., Domenech, P., **Anderson, B.**, Updating Impairments After Right Brain Damage Are Due To Inefficient Exploration of Hypothesis Space, Society for Neuroscience, 2016
6. Haskelland, C., **Anderson, B.**, Viewing Time Account of Spatial Cueing and Performance Based Rewards, the Vision Science Society, 2016
7. Jabar, S., **Anderson, B.**, Spatial Probability Improves Detection, Orientation Probability Improves Precision: Modelling As Neural Gain Versus Tuning, the Vision Science Society, 2016
8. Jabar, S., Filipowicz, A., **Anderson, B.**, Orienting To Probable Stimuli Affects Early Perception: Modulating the 'c1' Visual Evoked Potential in an Orientation Estimation Task, Society for Neuroscience, 2016
9. Stöttinger, E., Rafetseder, E., **Anderson, B.**, Danckert J., The Picture Morphing Task - an Efficient and Quick Means To Measure Updating, the Vision Science Society, 2016
10. **Anderson, B.**, Exogenous Cues Differentially Affect Selection and Discrimination of Contrast, Canadian Society for Brain and Behavioral Sciences, 2015
11. **Anderson, B.**, Haskell Christie, R.M., Reward Shape Effects on the Precision of Perceptual Decisions, Society for the Biology of Decision Making (SBDM), 2015
12. DiLolloand, V., Anderson, B., What Does Attention Explain? Psychonomic Society, 2015
13. Filipowicz, A., Stöttinger, E., Willms, A., **Anderson, B.**, Danckert, J., Updating Impairments Following Brain Damage: A Problem of Exploration?, Canadian Society for Brain and Behavioral Sciences, 2015
14. Filipowicz, A., Stöttinger, E., Willms, A., **Anderson, B.**, Danckert, J., Updating Impairments Following Right Brain Damage: A Problem of Exploration, Society for the Biology of Decision Making (SBDM), 2015
15. Haskell, C.R.M., **Anderson, B.**, Performance-Based Rewards and the Allocation of Spatial Attention To a Pre-Cue, Canadian Society for Brain and Behavioral Sciences, 2015

16. Jabar, S., **Anderson, B.**, Influence of Spatial Versus Orientation Probability on Perceptual Estimations, Canadian Society for Brain and Behavioral Sciences, 2015
17. **Anderson, B.**, Shaqiri, A., Stöttinger, E., Sepahvand, N., Danckert, J., Decision Making and Updating Impairments in Right and Left Hemisphere Damaged Patients, International Symposium on Biology of Decision Making, 2014
18. Filipowicz, A., Danckert, J., **Anderson, B.**, Mental Model Updating Depends on the Saliency of Environmental Changes, International Symposium on Biology of Decision Making, 2014
19. Filipowicz, A., Valadao, D., **Anderson, B.**, Danckert, J., Measuring the Influence of Prior Beliefs on Probabilistic Estimations, Cognitive Science Society, 2014
20. Filipowicz, A., Valadao, D., **Anderson, B.**, Danckert, J., Plinko: A Spatial Probability Task To Measure Learning and Updating, Vision Sciences Society, 2014
21. Haskell, C.R.M., **Anderson, B.**, Attention Improves Precision While Short-Term Memory Load Increases Guessing, Vision Sciences Society, 2014
22. Haskell, C.R.M., **Anderson, B.**, Re-Examining the Sequential-Simultaneous Paradigm: Orientation Judgements and Iconic Memory, Canadian Society for Brain and Behavioural Sciences, 2014
23. Jabar, S., **Anderson, B.**, Modelling Probability Effects As Differences in Neuron Tuning, Canadian Society for Brain and Behavioral Sciences, 2014
24. Jabar, S., **Anderson, B.**, Probability Cues Enhance Perceptual Estimations, Vision Sciences Society, 2014
25. Stoettinger, E., Sepahvand, N.M., Quehl, N., Danckert, J., **Anderson, B.**, Normative Data for Forty, Morphing, Line Drawn Picture Sets, Vision Sciences Society, 2014
26. Stöttinger, E., Filipowicz, A., Valadao, D., **Anderson, B.**, Danckert, J., Neural Correlates of Updating Mental Models in a Picture Morphing Task, Canadian Society for Brain and Behavioral Sciences, 2014
27. **Anderson, B.**, Probability Cuing Improves Perceptual Judgment, Vision Science Society, 2013
28. **Anderson, B.**, Danckert, J., Updating Mental Models: What Is the Role of the Right Hemisphere? Interdisciplinary Kollege, 2013

29. Filiopwicz, A., **Anderson, B.**, Danckert, J., The Influence of Task-Irrelevant Spatial Regularities on Sequence Learning, Vision Science Society, 2013
30. Stoettinger, E., Danckert, J., **Anderson, B.**, Right Brain Damage Failures of Perceptual Updating in Ambiguous Figures, Vision Science Society, 2013
31. Stöttinger, E., Rafetseder, E., **Anderson, B.**, Danckert, J., Right Hemisphere Involvement in Updating and Theory of Mind, Symposium on Brain Plasticity, Learning, and Education, 2013
32. Valadao, D., **Anderson, B.**, Danckert, J., Examining the Neural Correlates of Updating Mental Representations, Vision Science Society, 2013

DATE: December 17, 2019

**BERGSIEKER, Hilary**

Assistant professor

Member of the Graduate Faculty: yes

b) **DEGREES:** designation, institution, department, year

Ph.D. Psychology and Social Policy, Princeton University, Princeton, U.S.A., 2012

M.A. Psychology, Princeton University, Princeton, U.S.A., 2008

B.A., Psychology and German Studies, Stanford University, U.S.A., 2003

c) **EMPLOYMENT HISTORY:** dates, rank/position, department, institution/firm for lifetime

2012- Assistant Professor, Department of Psychology, University of Waterloo

2005-06 Lab Manager, Department of Psychology, Stanford University

2004-05 Researcher Assistant, Department of Psychology, Stanford University

2003-04 Fulbright Scholar, Center for Anti-Semitism Research, TU Berlin

d) **HONOURS:** (F.R.S., F.R.S.C., Governor Generals Award, honorary degree, etc...)

Fellow, Society for Experimental Social Psychology, 2018

Rising Star designation, Association for Psychological Science, 2017

Fulbright Scholar and Fulbright Enterprise Scholar in psychology to Germany, 2003-2004

Honors Societies: Phi Beta Kappa, Psi Chi (psychology), Cap & Gown (Stanford), 2001

National Merit Scholar, 1999

e) **SCHOLARLY AND PROFESSIONAL ACTIVITIES:** past 7 years only (eg. executive and editorial positions but not memberships in societies)

2018- Chair, Human Research Ethics Committee, University of Waterloo

2016-20 Consulting Editor, Journal of Personality and Social Psychology

2016 Reviewer, student scholarship applications (Vanier and OGS), University of Waterloo

2015 Member, Graduate Advisory Committee, University of Waterloo

2015 Member, Research Experiences Group Advisory Committee, University of Waterloo

2015 Reviewer, University of Waterloo Alumni Award nominees

2015 Judge, Graduate Student Poster Awards, Society for Personality and Social Psychology

2014 Reviewer, Graduate Student Travel Awards, Society for Personality and Social Psychology

2014 Member, Graduate Student Travel Awards, Society for Personality and Social Psychology

- 2014 Member, Department Ethic Review Committee & Human Research Ethics Committee
- 2014- Departmental Liaison to Peace and Conflict Studies Faculty Committee at Conrad Grebel University College
- 2013 Grant proposal assessor, United States — Israel Binational Science Foundation
- 2013 Faculty representative to committee hiring Research Experience and Ethics Administrator
- 2013 Member, Student Awards Committee, Canadian Psychological Association

f) GRADUATE SUPERVISIONS: master=s, doctoral, postdoctoral - completed/in progress for lifetime

Completed: 5 M.A., 1 Ph.D.  
 In progress: 1 M.A., 2 Ph.D.

NAME OF STUDENTS supervised within the past seven years, title of thesis of project, year of first registration and year of completion:

g) GRADUATE COURSES: past 7 years, by year

Seminars: (years not reported)

- Psych 630: Advanced Analysis of Variance
- Psych 632: Multiple Regression
- Psych 846: Applications of Regression
- Psych 690: Intergroup Relations

h) 1. EXTERNAL RESEARCH FUNDING: past 7 years only, by year, indicating source (granting councils, industry, government, foundations, other); amount; principal investigator; purpose (research, travel, publications, etc...)

| <u>Year</u> | <u>Source</u>  | <u>Type*</u> | <u>Amount per year</u> | <u>Purpose**</u> |
|-------------|--|--------------|------------------------|------------------|
| 2018-19     | Social Sciences and Humanities Research Council. Co-investigator               | C            | \$25,000               | research         |
| 2018-20     | Society for Personality and Social Psychology Small Conference Grant           | O            | \$5,000                | research         |
| 2017-24     | Social Sciences and Humanities Research Council Insight Grant. Co-investigator | C            | \$2,499,956            | research         |

\*Type: C-Granting councils; G-Government; F-Foundations; O-Other  
 \*\* Purpose: research, travel, publication, etc.

**2. INTERNAL RESEARCH FUNDING:** This includes university funds, SSHRC minor grants awarded through the University, etc.]

| <u>Year</u> | <u>Source</u>  | <u>Type*</u> | <u>Amount per year</u> | <u>Purpose**</u> |
|-------------|--|--------------|------------------------|------------------|
| 2018-20     | University of Waterloo<br>Gender Equity Research Grant | O            | \$8,496                | research         |

i) **PUBLICATIONS:** The Publications should be listed in the categories shown below and include the following information: books authored, books edited (a list of the chapters contributed by the editor must follow each title), chapters in books (other than those listed in the above category), papers in refereed journals, papers in refereed conference proceedings, technical reports, abstracts and/or papers read, and others. Each title must show the names of the authors in the order in which they appear in the original publication and inclusive page numbers. Publications submitted, but not yet accepted, must be listed separately within the various categories.

1) Life-time summary (count) according to the following categories:

|  |    |
|--|----|
| - Books authored .....                           | 0  |
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 0  |
| - Papers in <u>refereed</u> journal .....        | 17 |
| - Papers in refereed conference proceedings..... | 34 |
| - Technical reports .....                        | 0  |
| - Abstracts and/or papers read.....              | 0  |
| - Others (workshops presented) .....             | 24 |

2) Details for past seven (7) years same categories as above: books, chapters in books, papers in refereed journals.

Papers in refereed Journals:

1. Garcia, R. L., **Bergsieker, H. B.**, & Shelton, J. N., Racial attitude (dis)similarity and liking in same-race minority interactions., *Group Processes & Intergroup Relations*. 20:501-518, 2017
2. Bonam, C. M., **Bergsieker, H. B.**, & Eberhardt, J. L., Polluting Black space, *Journal of Experimental Psychology: General*. 145: 1561-1582, 2016
3. Kervyn, N., **Bergsieker, H. B.**, Grignard, F., & Yzerbyt, V. , An advantage of appearing mean or lazy: Amplified impressions of competence or warmth after mixed descriptions, *Journal of Experimental Social Psychology*. 62:17-23, 2016
4. Fiske, S. T., **Bergsieker, H.**, Constantine, V., Dupree, C. H., Holoien, D. S., Kervyn, N., Leslie, L., & Swencionis, J. K., Talking up and talking down: The power of positive speaking, *Journal of Social Issues*. 71:834-846, 2015
5. Holoien, D. S., **Bergsieker, H. B.**, Shelton, J. N., & Alegre, J. M., Do you really understand? Achieving accuracy in interracial relationships, *Journal of Personality and Social*

Psychology. 108:76-92, 2015

6. Murphy, M.C., Richeson J. A., Shelton, J. N., Rheinschmidt, M. L., & **Bergsieker, H. B.** Cognitive costs of contemporary prejudice. Group Processes & Intergroup Relations, 16: 560-571, 2013

DATE: December 2019

**BLIT, Joël**

Assistant Professor

Member of the Graduate Faculty: yes

b) **DEGREES:** designation, institution, department, year

Ph.D. International Economics, University of Toronto, 2010

M.A., Economics, University of Western Ontario, 2003

M.B.A., International Strategy, INSEAD, Fontainebleau Campus, Singapore Exchange, 2002

M.A.Sc., Computer Engineering, University of Waterloo, 1999

B.A.Sc., Engineering Science, University of Toronto, 1997

c) **EMPLOYMENT HISTORY:** dates, rank/position, department, institution/firm for lifetime

2011- Assistant Professor, Department of Economics, University of Waterloo

2010-11 Assistant Professor, Elliott School of International Affairs and Department of Economics, George Washington University, U.S.A.

d) **HONOURS:** (F.R.S., F.R.S.C., Governor Generals Award, honorary degree, etc...)

Outstanding Performance Award, University of Waterloo, 2018

Finalist for Barry M. Richman Award for Best Dissertation in Intl Management, 2011

Governor's General Medal, 1993

e) **SCHOLARLY AND PROFESSIONAL ACTIVITIES:** past 7 years only (eg. executive and editorial positions but not memberships in societies)

2018- Affiliate, UW Artificial Intelligence Institute

2016- Advisor, UW Problem Lab

2015- Senior Fellow, Centre for International Governance Innovation (CIGI)

2013-17 Member of the Advisory Board, Creative Destruction Lab

f) **GRADUATE SUPERVISIONS:** master=s, doctoral, postdoctoral - completed/in progress for lifetime

Completed: 5 M.A., 1 Ph.D.

In progress: 1 M.A., 2 Ph.D.

NAME OF STUDENTS supervised within the past seven years, title of thesis of project, year of first registration and year of completion:

. Victoria Shamowski (MA), Ab nmotrim sub nos prtewim. Sept. 2001-June 2002 (major research paper)



- . Garth Hanmer (PhD), Isto knofge gremt sam truvft. Sept. 1999-
- . Leslie Davidson (PhD), Prugris trastor revfer . Jan. 1998-June 2002

g) GRADUATE COURSES: past 7 years, by year

Seminars:

- 2001-02 Contemporary Religious Phenomena
- 1999-00 Contemporary Religious Phenomena
- 1998-99 Theology of Evangelization
- 1997-98 Faith, Religion and Culture

Directed Studies:

- June Dowell, Ph.D. 2002
- Scott Brown, M.A., Ph.D., 2002
- Jane Smith, Ph.D., 2000

h) 1. EXTERNAL RESEARCH FUNDING: past 7 years only, by year, indicating source (granting councils, industry, government, foundations, other); amount; principal investigator; purpose (research, travel, publications, etc...)

| <u>Year</u> | <u>Source</u>  | <u>Type*</u> | <u>Amount per year</u> | <u>Purpose**</u>                  |
|-------------|--|--------------|------------------------|-----------------------------------|
| 1998        | Cdn. Fed.for Hum.<br>publication<br>Aid to Sch. Pub. Prog. | C            | \$5,000                | Principal investigator: J. Smith. |

etc...

\*Type: C-Granting councils; G-Government; F-Foundations; O-Other

\*\* Purpose: research, travel, publication, etc.

2. INTERNAL RESEARCH FUNDING: This includes university funds, SSHRC minor grants awarded through the University, etc.]

i) PUBLICATIONS: The Publications should be listed in the categories shown below and include the following information: books authored, books edited (a list of the chapters contributed by the editor must follow each title), chapters in books (other than those listed in the above category), papers in refereed journals, papers in refereed conference proceedings, technical reports, abstracts and/or papers read, and others. Each title must show the names of the authors in the order in which they appear in the original publication and inclusive page numbers. Publications submitted, but not yet accepted, must be listed separately within the various categories.

1) Life-time summary (count) according to the following categories:

- Books authored ..... 0

|   |    |
|---|----|
| - Books edited .....                              | 0  |
| - Chapters in books .....                         | 0  |
| - Papers in <u>refereed</u> journal .....         | 15 |
| - Papers in refereed conference proceedings ..... | 0  |
| - Technical reports .....                         | 0  |
| - Abstracts and/or papers read .....              | 0  |
| - Others (workshops presented) .....              | 0  |

2) Details for past seven (7) years same categories as above: books, chapters in books, papers in refereed journals.

Papers in refereed Journals:

1. **Blit, J.**, Foreign R&D satellites as a medium for the international diffusion of knowledge. Canadian Journal of Economics. 51(4): 1118-1150, 2018.
2. **Blit, J.**, Skuterud, M., Zhang, J., An analysis of the patenting rates of Canada’s ethnic populations. Canadian Public Policy. 44(S1): 125-145, 2018.
3. **Blit, J.**, Learning remotely: R&D satellites, intra-firm linkages, and knowledge sourcing. Journal of Economics and Management Strategy. 26(4): 757-81, 2017.
4. **Blit, J.**, Liu, C., and Mitchell, W. What goes on beneath the surface of reconfiguration? The impact of redeployment via activity addition and subtraction on firm scope and turnover. Advances in Strategic Management. 35: 185-216. 2016.

DATE: December 2019

**BROWNE, Dillon T.**

Assistant professor, Tenured

Member of Graduate Faculty: Yes

a) DEGREES:

Ph.D. Philosophy, University of Toronto, Canada, 2016

M.A., Arts, University of Toronto, Canada, 2011

B.A., Psychology, University of Guelph, Canada, 2009

b) EMPLOYMENT HISTORY:

2019- Assistant Professor, Department of Psychology, University of Waterloo

2017-18 Assistant Professor, California School of Psychology, University of California

2016-17 Clinical Postdoctoral Fellow, Department of Psychiatry, University of California

c) HONOURS:

Early Investigator Award, Institute of Digital Media and Child Development, 2019

New Faculty Award, Graduate Studies, University of Waterloo, 2019

Development Award, California School of Professional Psychology, 2017

Department of Psychiatry Academic Travel Award, University of California, 2017

Scholarship Recognition Award, Ontario Institute for Studies in Education, 2014

Academic Excellence Award, Ontario Institute for Studies in Education, 2011-14

R.L. Smith Prize in Child and Adolescent Psychotherapies, University of Toronto, 2013

School of Graduate Studies Conference Grant, University of Toronto, 2013

Research Fellowship, Ontario Institute for Studies in Education, 2011

School of Graduate Studies Travel Award, University of Toronto, 2011

d) SCHOLARLY AND PROFESSIONAL ACTIVITIES:

Reviewer, Developmental Psychology

Reviewer, PLOS One

Reviewer, Journal of Family Psychology

Reviewer, Infant and Child Development

Reviewer, Journal of Family Studies

Reviewer, Archives of Women's Mental Health

Reviewer, Health and Social Care in the Community

Reviewer, Journal of Early Adolescence

Reviewer, Parenting: Science and Practice

Reviewer, Australian & New Zealand Journal of Family Therapy

Reviewer, British Journal of Clinical Psychology

Reviewer, Children and Youth Services Review

Reviewer, Journal of the Canadian Academy of Child and Adolescent Psychiatry

Reviewer, Developmental Child Welfare

Reviewer, Healthline ([www.healthline.com/](http://www.healthline.com/))

e) GRADUATE SUPERVISION:

Completed: 4 PhD., 1 M.A

In progress: 4 PhD., 3 M.A

- Jennifer Wu (PhD). Measuring Ethnic Ambiguity using the UNIQUE Scale: Construction and Validation. 2019. Completed.
- Charles Block (PHD), Adolescent Learning Disability Status, Family Climate, Coping and Psychological Health. 2018. Completed.
- Aaron Anderson (PhD). A Qualitative Study about What Gay Fathers Tell their Children About Surrogacy. 2018. Completed.
- Jenna Weiden (PhD). The Impact of Using Intimacy Rituals and Romantic Attachment on Satisfaction among Couples. 2018. Completed.
- Veronica D'Aprile (MA). Psychoeducational Assessment with Children and Adolescents. 2013. Completed.
- TMahsa Sadeghi (PhD).2019-
- Rebecca Trossman (MA). 2019-
- Vanja Vidovic (MA). 2019-
- Hannah O'Reilly (MA). 2018-
- Jessica Rae Dupasquier (PhD). 2018-
- Olivia Ann Merritt (PhD). 2018-
- Theresia Anderson(PhD).2017-

f) GRADUATE COURSES:

Child Psychopathology & Psychotherapy

Advanced Clinical Seminar: Evidenced-Based Practice for Children & Families

Psychometrics & Research Methods

PhD Research Seminar

Trauma-Informed Developmental Psychopathology Seminar

Introduction to Psychology

Management of Emotional and Behavioural Problems in the Classroom

h) !. EXTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u> | <u>Type</u> | <u>Amount per year</u> | <u>Purpose</u> |
|-------------|---------------|-------------|------------------------|----------------|
|-------------|---------------|-------------|------------------------|----------------|

Curricula Vitae – Graduate Diploma in Computational Data Analytics for the Social Sciences & Humanities

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|         |  |   |                     |          |
|---------|--|---|---------------------|----------|
| 2019-24 | Tier II Canada Research Chair in Child & Family Clinical Psychology      | O | \$500,000 / 5 years | Research |
| 2019-24 | Canada Research Chair (First Term) Federal Research Fund                 | G | \$100,000 / 5 years | Research |
| 2019    | Child and Youth Refugee Research Council (CYRRC), Partnership Grant      | C | \$20,000 / 1 year   | Research |
| 2019    | UW/SSHRC Explore Grant: Seed Funds                                       | C | \$7000 / 1 year     | Research |
| 2018-19 | The Learning Enrichment Foundation, Project Grant                        | F | \$31,200 / 1 year   | Research |
| 2014-19 | The Therapeutic Care Program, Project Grant                              | O | \$23,000 / 5 years  | Research |
| 2012-13 | The Hospital for Sick Children, Department of Psychiatry Endowment Fund. | O | \$13,363 / 1 year   | Research |

2. INTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>   | <u>Type</u> | <u>Amount per Year</u> | <u>Purpose</u> |
|-------------|---|-------------|------------------------|----------------|
| 2019-24     | University of Waterloo Research Fund for Tier II Canada Research Chairs | O           | \$50,000 / 5 years     | Research       |
| 2018-24     | University of Waterloo, Department of Psychology, Start-Up Grant        | O           | \$60,000               | Research       |

I) PUBLICATIONS

Lifetime count

|  |    |
|--|----|
| - Books authored.....                            | 0  |
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 3  |
| - Papers in <u>refereed</u> journal .....        | 27 |
| - Papers in refereed conference proceedings..... | 16 |
| - Technical reports .....                        | 1  |
| - Abstracts and/or papers read .....             | 0  |
| - Others .....                                   | 17 |

Chapters in books

1. Browne, D. T., Leckie, G. & Jenkins, J. M. (in press). Understanding couple and family dynamics using dyadic methodology. In B. Fiese & K. Deater-Deckard (eds.) APA Handbook of Contemporary Family Psychology, American Psychological Association.
2. Wade, M., Prime, H., Browne, D. T. & Jenkins, J. M. A Multilevel Risk and Resilience Model of School Readiness: Implications for Programs and Policy. In K. Bierman & M. Boivin (Eds.) Promoting School Readiness: The Implications of Developmental Research for Practice and Policy.( Guilford, 2014).
3. Browne, D. T., Wade, M. & Jenkins, M. J. (2013). Emotional Disorders in Childhood. In Oatley, K., Keltner, D. & Jenkins, Understanding Emotions, 3<sup>rd</sup> Edition. (Blackwell, 2013).

Papers in refereed journals

1. Browne, D. T., Durham, D., Beatty, E., Price-Cameron, M., Johnson, J. & Shlonsky, A. (in press). The Therapeutic Family Care Program: A 10-year community implementation of Treatment Foster Care in Ontario, Canada. Developmental Child Welfare.
2. Madigan, S., Browne, D. T., Racine, N., Mori, C., & Tough, S. (in press). Screen Time and Early Child Development: Investigating Direction of Effects. JAMA Pediatrics.
3. Browne, D. T., Wade, M., Plamondon, A., Leckie, G., Perlman, M., Madigan, S., & Jenkins, J. M. Child and contextual effects in the emergence of differential parenting across siblings. Developmental Psychology, 54 (7): 1265-1276, 2018. doi: 10.1037/dev0000506.
4. Madigan, S. Villani, V., Azzopardi, C., Laut, D., Smith, T., Temple, J., Browne, D. T., Dimitropoulos, G. The prevalence of unwanted online sexual exposure and solicitation

- amongst youth: A meta-analysis, *63*: 133-141, 2018. [Journal of Adolescent Health](https://doi.org/10.1016/j.jadohealth.2018.03.012), 10.1016/j.jadohealth.2018.03.012.
5. Wade, M., Madigan, S., Plamondon, A., Rodrigues, M., Browne, D.T. & Jenkins, J.M. Cumulative psychosocial risk, parental socialization, and child cognitive functioning: A longitudinal cascade model. [Developmental Psychology](https://doi.org/10.1037/dev0000493), *54* (6):1038-1050, 2018. doi: 10.1037/dev0000493.
  6. Browne, D. T., Kumar, A., Puente-Duran, S., Leckie, G., Georgiades, K., Leckie, G. & Jenkins, J. M. Emotional problems amongst recent Canadian immigrants and parenting status: Findings from a national longitudinal study of immigrants in Canada. [PLOS One](https://doi.org/10.1371/journal.pone.0175023), *12* (4): e0175023, 1-14, 2017.
  7. Browne, D. T., Wade, M., Prime, H. & Jenkins, J. M. School readiness amongst urban Canadian families: Risk profiles and family mediation, [Journal of Educational Psychology](https://doi.org/10.1037/edu0000202), *110* (1) 133-146, 2017. doi: 10.1037/edu0000202.
  8. Plamondon, A., Browne, D. T., Madigan, S., & Jenkins, J. M. Disentangling Child Specific and Family-Wide Processes Underlying Negative Mother-Child Transactions. [Journal of Abnormal Child Psychology](https://doi.org/10.1007/s10802-017-0309-2), *46* (3): 437-441, 2017. doi: 10.1007/s10802-017-0309-2.
  9. Hagan, M., Browne, D. T., Sulik, M., Ghosh Ippen, C., Bush, N., & Lieberman, A. Parent and child trauma symptoms during Child-Parent Psychotherapy: A prospective cohort study of dyadic change. [Journal of Traumatic Stress](https://doi.org/10.1002/jts.22240), *30* (6): 690-697, 2017. doi: 10.1002/jts.22240.
  10. Beausoleil, V., Renner, C., Dunn, J., Hinnewaah, P., Morris, K., Hamilton, A., Braithewaite, S., Hunter, N., Browne, G. & Browne, D. T. The effect and expense of Redemption Reintegration Services versus usual reintegration care for young African Canadians discharged from incarceration. [Health and Social Care in the Community](https://doi.org/10.1111/hsc.12346), *25* (2): 590-561, 2017. doi:10.1111/hsc.12346.
  11. Browne, D. T., Puente-Duran, S., Shlonsky, A., Thabane, L. & Verticchio, D. A randomized trial of Wraparound facilitation versus usual child protection services. [Research on Social Work Practice](https://doi.org/10.1186/s12913-016-1111-1), *26* (2): 168-176, 2016.
  12. Browne, D. T., Leckie, G., Prime, H., Perlman, M., & Jenkins, J. M. Observed sensitivity during family interactions and cumulative risk: A study of multiple dyads per family. [Developmental Psychology](https://doi.org/10.1037/dev0000493), *52*: 1128-1138, 2016.
  13. Browne, D. T. & Andrade, B. F. Person-context interactions and the assessment of Attention-Deficit/Hyperactivity Disorder: Developmental and methodological considerations. [Vulnerable Children & Youth Studies](https://doi.org/10.1007/s11267-016-0111-1), *11*: 103-114, 2016.

14. Madigan, S., Plamondon, A., Browne, D. T., & Jenkins, J. Stability of Observed Maternal Behavior across Tasks, Time, and Siblings. Parenting: Science & Practice, 16: 108-124, 2016.
15. Browne, D. T., Plamondon, A., Prime, H., Puente-Duran, S., & Wade, M. Cumulative risk and developmental health: An argument for the importance of a family-wide science. Wiley Interdisciplinary Reviews: Cognitive Science, 6: 397-407, 2015.
16. Wade, M., Browne, D.T., Plamondon, A., Daniel, E., & Jenkins, J.M. Cumulative risk disparities in children’s neurocognitive functioning: A developmental cascade model. Developmental Science, 19: 179-194, 2015.
17. Andrade, B. F., Browne, D. T., Naber, A. R. (Parenting Skills and Parent Readiness for Treatment are Associated with Child Disruptive Behavior and Parent Participation in Treatment. Behavior Therapy, 46: 365-378, 2015.
18. \*Agrati, D., \*Browne, D.T., Jonas, W., Meaney, M., Atkinson, L., Steiner, M., Fleming, A. S. & MAVAN research team. Maternal anxiety from pregnancy to 2 years postpartum: transactional patterns of maternal early adversity and child temperament. Archives of Women's Mental Health, 18: 693-705, 2015.
19. Madigan, S., Wade, M., Plamondon, A., Browne, D. T., & Jenkins, J. M. Birth weight variability and language development: Risk, resilience and responsive parenting. Journal of Pediatric Psychology, 40: 869-877, 2015.
20. Prime, H., Browne, D. T., Akbari, E., Wade, M., Madigan, S. & Jenkins, J. The development of a measure of maternal cognitive sensitivity appropriate for use in primary care health settings. Journal of Child Psychology and Psychiatry, 56: 488-495, 2014.
21. Wade, M.A., Browne, D.T., Madigan, S., Plamondon, A. & Jenkins, J.M. Normal birth weight variation and children’s neuropsychological functioning: links between language, executive functioning, and theory of mind. Journal of the International Neuropsychological Society, 20: 909-919, 2014.
22. Andrade, B.F., Browne, D.T. & Tannock, R. Prosocial skills may be necessary for better peer functioning in children with symptoms of disruptive behavior disorders. PeerJ. 2:e487: 1-16, 2014.
23. O’Donnell, K. J., Glover, V., Jenkins, J., Browne, D. T., Ben-Shlomo, Y., Golding, J. & O’Connor, T. G. Prenatal maternal mood is associated with altered diurnal cortisol in adolescence. Psychoneuroendocrinology, 38: 1630-1638, 2013.
24. Browne, D. T., Rokeach, A., Wiener, J., Hoch, J. S., Meunier, J-C. & Thurston, S. The familial and economic impact of childhood disabilities: Examining the role of integrated care and



child hyperactivity-inattention. Journal of Developmental & Physical Disabilities, 25: 181-201, 2013.

25. Browne, D. T. & Jenkins, J. M. Health across early childhood and socioeconomic status: Examining the moderating effects of differential parenting. Social Science and Medicine, 74: 1622-1629, 2012.
26. Browne, D. T., Meunier, J. C., O'Connor, T. & Jenkins, J. M. Differential parenting and the role of parental personality traits. Journal of Family Psychology, 26: 542-553, 2012.
27. Browne, D. T., Prime, H. & Wade, M. Contemporary systems psychology and integrated approaches to school and clinical service delivery: Reincarnations of Lightner Witmer's "Psychological Clinic". Journal of Scientific Psychology, 102-115, 2012.

#### Papers in refereed conference proceedings

1. Browne, D. T. (April 2019). *Intergenerational Risk and Resilience: Continuity, Discontinuity and Mechanisms of Transmission*. Paper Symposium at the Society for Research in Childhood Development (SRCD). Biennial Conference. Baltimore, Maryland.
2. Browne, D. T., Lewinn, K., Tylavsky, F., & Bush, N. (April 2019). *Maternal Adverse Childhood Experiences: Cumulative Effects and Transmission via Psychopathology*. Society for Research in Childhood Development (SRCD). Biennial Conference. Baltimore, Maryland.
3. Browne, D.T., Racine, N., Tough, S., Madigan, S. (Oct 2018). *Environmental Risk, Screen Time and Developmental Health: Examining Pathways of Association*. 2<sup>nd</sup> Digital Media and Developing Minds Congress. Cold Spring Harbor, New York.
4. Madigan, S., Browne, D. T., Racine, N., Tough, S. (Oct 2018). *Screen Time and Developmental Delay: Investigating Direction of Effects with a Cross-Lag Panel Analysis*. 2<sup>nd</sup> Digital Media and Developing Minds Congress. Cold Spring Harbor, New York.
5. Beatty, E., Browne, D. T., Price-Cameron, M. (July 2018). *Treatment Foster Care: A 10-Year Evaluation of Families and Children Receiving Services*. Family Focused Treatment Association. 32<sup>nd</sup> Annual Conference. Atlanta, GA.
6. Prime, H., Browne, D. T., Leckie, G., Perlman, M., & Jenkins, J. M. (May 2018). *Greater than the sum of its parts: Family, dyad, and individual contributors to sensitive behavior*. Development 2018: A Canadian Conference on Developmental Psychology, St. Catharines, ON.

7. Andrade, B. F., Browne, D. T. & Wade, M. (April 2017). *Applying Person-Centered Analysis to Subgroup Children with Disruptive Behavior Based on Dimensions of Psychopathology*. Society for Research in Child Development (SRCD) Biennial Conference, Austin, Texas.
8. Browne, D. T. (2017, April). *The prenatal origins of developmental health in high-risk contexts: From intergenerational transmission to early intervention*. Paper Symposium at the Society for Research in Childhood Development (SRCD) Biennial Conference, Austin, Texas
9. Browne, D. T., Wade, M., Plamondon, A., & Jenkins, J. M. (May 2016). *Socioeconomic status and the augmentation of within-family risk*. 20<sup>th</sup> Biennial International Conference on Infant Studies, New Orleans, LA.
10. Browne, D. T. & Jenkins, J. M. (June 2013). *Children's mental health and parenting amongst multicultural Canadian families: Associations with unique profiles of environmental risk*. World Congress of Social Psychiatry, Lisbon, Portugal.
11. Browne, D. T., Plamondon, A., Sullivan, K., Durham, D. & Roesch, S. (April 2013). *Examining individual profiles of attachment disorganization among children in foster care*. Society for Research in Childhood Development (SRCD) Biennial Conference, Seattle, WA.
12. Browne, D. T. (April 2013). *The multi-level influences on outcomes amongst children in-care: Understanding the role of the child, foster family and child-welfare practitioner*. Paper Symposium at the Society for Research in Childhood Development (SRCD) Biennial Conference, Seattle, Washington.
13. Browne, D. T. & Leckie, G. (April 2013). *Mother-Child and Sibling Scaffolding in High- and Low-Risk Settings: Insights from the Social Relations Model*. Research in Childhood Development (SRCD) Biennial Conference, Seattle, WA.
14. Browne, D. T. (April 2013). *Complex Family Processes and the Social Relations Model: Examining the Roles of Individuals vs. Dyads in Risky Contexts*. Paper Symposium at the Society for Research in Childhood Development (SRCD) Biennial Conference, Seattle, Washington.
15. Plamondon, A., Leckie, G., Browne, D. T., Steele, F. & Jenkins, J. M. (April 2013). *Maternal sensitivity with multiple children: An application of the one-with-many model to the study of parenting*. Society for Research in Childhood Development (SRCD) Biennial Conference, Seattle, WA.
16. Browne, D. T., Rokeach, A., Wiener, J. & Thurston, S. (June 2013). *The familial and economic impact of complex childhood disabilities: Examining the role of integrated care and*

*hyperactivity-inattention*. Canadian Psychological Association Annual Convention, Toronto, Ontario.

Technical reports

1. Browne, D. T., Durham, D., Price-Cameron, M., & Beatty, E. A 10-Year Evaluation of Children, Adolescents, and Families in Settings of Care. The Therapeutic Family Care Program. Cobourg, Ontario, 2017

Date: February 2020

## **CHAUSSÉ, Pierre**

Associate professor, tenured

Part of Graduate Faculty: Yes

### b) DEGREES

Ph.D., Economics, Université du Québec à Montréal, Canada, 2011

M.A., Philosophy, Economics, Yale University, U.S.A, 1998

M.A, Economics, Yale University, U.S.A., 1996

M.A., Economics, Queens University, Canada, 1994

B.Sc., Economics, Université de Montréal, Canada, 1993

### c) EMPLOYMENT HISTORY

2010-19 Lecturer, Department of Economics, University of Waterloo

2000-09 Full-time Lecturer, Department of Economics, Université du Québec à Montréal

### d) HONOURS

Insight Development Grant, SSHRC, 2012

Grant, CIRPEE, 2008

Raymond Powell prize for teaching, Yale University, 1997

Ph.D Scholarship, Government of Quebec, 1995

M.A. Scholarship, Government of Quebec, 1994

### e) GRADUATE COURSES

Courses taught at the University of Waterloo

2012-19 ECON 721 : Econometrics II (Ph.D.)

2012-19 ECON 621 : First year M.A. and Ph.D. Econometrics

2012-19 ECON 673/485/474 : Numerical methods for Economists

2012-19 ECON 405 : Financial Econometrics

2012-19 ECON 421 : Fourth year undergraduate econometrics

2012-19 ECON 311 : Mathematics for economists II

2012-19 ECON 322 : Econometric Analysis 1

2012-19 ECON 321 : Introduction to Econometrics

2012-19 ECON 211 : Introduction to Mathematical Economics

### f) PUBLICATIONS

#### Lifetime count

- Books authored.....0

|  |    |
|--|----|
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 0  |
| - Papers in <u>refereed</u> journal .....        | 4  |
| - Papers in refereed conference proceedings..... | 0  |
| - Technical reports .....                        | 0  |
| - Abstracts and/or papers read .....             | 0  |
| - Others (workshops presented) .....             | 12 |

Papers in refereed journals

1. **Chaussé, P.** and Hoch, JS. Econometric considerations when using the net benefit regression framework to conduct cost-effectiveness analysis. Health Econometrics, Contributions to Economic Analysis, 2018
2. **Chaussé, P.** and Xu, D. GMM Estimation of a Stochastic Volatility Model with Realized Volatility: A Monte Carlo Study. Econometric Review, 2016. DOI: 10.1080/07474938.2016.1152654.
3. **Chaussé, P.**, Liu, J. and Luta, G. A Simulation-Based Comparison of Covariate Adjustment Methods for the Analysis of Randomized Controlled Trials. International Journal of Environment Research and Public Health, 13: 414, 2016. DOI:10.3390/ijerph13040414 2016
4. **Chaussé, P.** Computing Generalized Method of Moments and Generalized Empirical Likelihood with R. Journal of Statistical Software, 34(11): 1-35, 2010

Date: November 2019

## **GROSSMANN, Igor**

Associate Professor, Tenured

Member of Graduate Faculty : Yes

### B) DEGREES

Ph.D. Social Psychology, University of Michigan, U.S.A., 2012

M.S., Psychology, University of Michigan, 2009

B.A., Psychology, Albert-Ludwigs-Universität Freiburg, Germany, 2005

### C) EMPLOYMENT HISTORY

2017- Associate Professor, Department of Psychology, University of Waterloo, Canada

2012-17 Assistant Professor, Department of Psychology, University of Waterloo, Canada

### D) HONORS

SAGE Young Scholars award, Society for Personality and Social Psychology, 2019

USERN Prize in Social Sciences, 2018

Ontario Early Researcher Award, 2017

Ontario Ministry of Research, Innovation and Science, 2017

Rising Star Award, Association of Psychological Science, 2015

Psychological Science Editor's Choice article, 2015

The Otto Lineberg Intercultural and International Relations Award, The Society for the Psychological study of Social Issues, 2013

APA Dissertation Award, 2013

### E) SCHOLARLY AND PROFESSIONAL ACITVITIES

2017 - Associate Editor, Emotion

2017- Consulting Editor, Editorial Board, Psychology and Aging

2016- Consulting Editor, Editorial Board, Frontiers in Theoretical and Philosophical Psychology

2016 –17 Associate Editor, Frontiers in Personality and Social Psychology

2015- Consulting Editor, Editorial Board, Frontiers in Cultural Psychology

2015 Guest Editor, Emotion

2014-17 Consulting Editor, Editorial Board, Journal of Personality and Social Psychology: IRGP

2014-16 Consulting Editor, Editorial Board, Frontiers in Personality and Social Psychology

### F) GRADUATE SUPERVISION

Completed: 2 Ph.D. and 2 M.A

In progress: 0

- Alex Huynh (MA).2012-2018
- Henri Santos (PhD).2013-2018
- Justin Brienza (PhD).2013-2017
- Harrison Oakes (MA).2014-2016

G) GRADUATE COURSES

|          |   |
|----------|---|
| 2018     | Applied Multi-level Modeling (Psych 804)                                |
| 2018     | Research Methods in Social Psychology (Psych 395)                       |
| 2012 -16 | <i>Honors' course on research methods in social psychology.</i>         |
| 2018     | Basic Data Analysis (Psych 292)   |
| 2017     | Wisdom and Leadership ( <i>Canadian Student Leadership Conference</i> ) |
| 2016     | Wisdom (Psych 690)  |
| 2015     | Positive Psychology (Psych 690)   |

| <u>Year</u> | <u>Source</u>   | <u>Type</u> | <u>Amount per Year</u> | <u>Purpose</u> |
|-------------|---|-------------|------------------------|----------------|
| 2018        | Global Innovations in Character Development Grant, Templeton World Charity Foundation | C           | \$299, 919 CAD         | Other          |
| 2017-2020   | Templeton Pathways to Character Grant   | C           | \$260,000 CAD          | Other          |
| 2017-2020   | Ontario Early Researcher Award Grant  | C           | \$190,000 CAD          | Research       |
| 2018-2019   | Shastri Research Grant  | C           | \$6,500 CAD            | Research       |
| 2016        | Chronic Disease Prevention Initiative Seed Grant                                      | C           | \$10,000 CAD           | Other          |
| 2016        | Network for Aging Research Catalyst Grant   | C           | \$6,500 CAD            | Research       |
| 2015-2016   | Emerging Scholar Mentorship Grant   | C           | \$10,000 CAD           | Mentorship     |
| 2014-2016   | Templeton Science of Prospection Award  | C           | \$145,000 CAD          | Award          |
| 2014-2018   | SSHRC Insight Grant   | C           | \$153,243 CAD          | Other          |
| 2013        | RBC Your Future Grant   | C           | \$9, 942.24 CAD        | Other          |

**INTERNAL RESEARCH FUNDING**

| Year | Source                   | Type | Amount per Year | Purpose         |
|------|--------------------------|------|-----------------|-----------------|
| 2018 | UW/SSHRC<br>Travel Grant | C    | \$2000 CAD      | Research/Travel |
| 2018 | UW/SSHRC Seed<br>Grant   | C    | \$6,980 CAD     | Research        |
| 2013 | UW/SSHRC 4A<br>Award     | O    | \$8,000 CAD     | Research        |

## I) PUBLICATIONS

### Lifetime Count

|  |    |
|--|----|
| - Books authored.....                            | 0  |
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 14 |
| - Papers in <u>refereed</u> journal .....        | 43 |
| - Papers in refereed conference proceedings..... | 50 |
| - Technical reports .....                        | 0  |
| - Abstracts and/or papers read .....             | 0  |
| - Others .....                                   | 0  |

### Chapters in books

1. **Grossmann, I.** & Dorfman, A. (in press). Wisdom in an uncertain world. In R. Sternberg, H. Nusbaum, & Glück (Eds.). Applying Wisdom to Contemporary World Problems. London: Palgrave-Macmillan.
2. **Grossmann, I.** & Eibach, R. (in press). Reasonable bounds on rationality. In R. Viale (Ed.). Routledge Handbook on Bounded Rationality. Milton Park: Taylor and Francis.
3. Kung, F. Y. H. & **Grossmann, I.**, & (in press). Culture and wisdom. In O. Braddick (Ed.), Oxford Research Encyclopedia of Psychology. New York: Oxford University Press.
4. Santos, H. C., Varnum, M. E.W. & **Grossmann, I.** (in press). Culture, cognition and cultural change in social class. In W. H. Brekhus & G. Ingtow (Eds.), Oxford Handbook of Cognitive Sociology. Oxford: Oxford University Press.
5. **Grossmann, I.**, Kung, F. Y. H., & Santos, H. C. Wisdom as state vs. trait. In R. Sternberg & J. Glück (Eds.). Handbook of Wisdom (Cambridge University Press, 2018) pp. 249-273.



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8. **Grossmann, I.**, & Ross, L. Attributions. In M. H. Bornstein, M.E. Arterberry, K. L. Fingerman, & J.E. Lansford (Eds.), The SAGE Encyclopedia of Lifespan Human Development (Thousand Oaks, Sage, 2018. pp. 189-191. doi: 10.4135/9781506307633.n74
9. **Grossmann, I.** Dialecticism across the lifespan. In J. Spencer-Rogers & K. Peng (Eds.), The Psychological and Cultural Foundations of East Asian Cognition: Contradiction, Change, and Holism (Oxford University Press, 2018) pp. 135-180. doi: 10.1093/oso/9780199348541.003.0005
10. Huynh, A.C., Oakes, H., **Grossmann, I.** The role of culture in understanding and evaluating emotional intelligence. In K. V. Keefer, J. D. Parker, & D. H. Saklofske (Eds.), Handbook of Emotional Intelligence in Education, (Springer, 2018) pp. 111-132.
11. Huynh, A. C. & **Grossmann, I.** Middle class ideologies: Norms and historical changes. In R. Rycroft (Ed.), The American Middle Class: An Economic Encyclopedia of Progress and Poverty, Greenwood Press, 2017.
12. **Grossmann, I.** & Santos, H. C. Individualistic cultures. In V. Zeigler-Hill & T. K. Shackelford, Encyclopedia of Personality and Individual Differences, (Springer, 2016). doi: 10.1007/978-3-319-28099-8\_2024-1
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14. **Grossmann, I.** & Bushman, B. J. Reductionism. In R.F. Baumeister & K.D. Vohs (Eds.) Encyclopedia of Social Psychology, (Thousand Oaks, 2007) pp. 732-732. doi: 10.4135/9781412956253.n439

#### Articles in refereed journals

1. Ferrari, M., **Grossmann, I.**, Grimm, S., & Staffel, J. (in press). A Process Model of Wisdom from Adversity. Journal of Value Inquiry.

2. **Grossmann, I.**, Oakes, H. & Santos, H. C. (in press). Wise reasoning benefits from emodiversity, irrespective of emotional intensity. Journal of Experimental Psychology: General.
3. Varnum, M. E. W. & **Grossmann, I.** (in press). The wealth -> life history -> innovation of the industrial revolution is largely inconsistent with empirical data. Behavioral and Brain Sciences. [commentary]
4. Brienza, J. P. \*, Kung, F., Santos, H. C., Bobocel, D. R., & **Grossmann, I.** \* Wisdom, bias, and balance: Toward a process-sensitive measurement of wisdom-related cognition. Journal of Personality and Social Psychology, 115(6): 1093-1126, 2018. doi: 10.1037/pspp0000171
5. De Freitas, J., Cicara, M., **Grossmann, I.** & Schegel, R. Moral goodness is the essence of personal identity. Trends in Cognitive Sciences, 22(9):739-740, 2018. doi: 10.1016/j.tics.2018.05.006
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7. Elnakouri, A., McGregor, I., & **Grossmann, I.** Dying for the group: Towards a general theory of extreme self-sacrifice. Behavioral and Brain Sciences, 41: e201, 2018. [commentary]. doi: 10.1017/S0140525X18001723
8. **Grossmann, I.** & Brienza, J. P. The strengths of wisdom provide unique contribution to improved leadership, sustainability, inequality, Gross National Happiness, and civic discourse in the face of contemporary world problems. Journal of Intelligence, 6(22), 2018 doi: 10.3390/jintelligence6020022
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10. Huynh, A. C. & **Grossmann, I.** A pathway to wisdom-focused education. Journal of Moral Education. 2018. doi: 10.1080/03057240.2018.1496903
11. Leckelt, M., Wetzell, E., Gerlach, T. M., Ackerman, R. A., Miller, J. D., Chopik, W. J., Penke, L., Geukes, K., Kuefner, A. C.P., Hutteman, R., Richter, D., Renner, K., Allroggen, M., Brecheen, C., Campbell, W. K., **Grossmann, I.**, & Back, M. D. Validation of the Narcissistic Admiration and Rivalry Questionnaire short scale (NARQ-S) in convenience and representative samples. Psychological Assessment, 30(1): 86-96, 2018. doi: 10.1037/pas0000433

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13. Brienza, J. P. & Grossmann, I.\* (2017). Social class and wise reasoning about interpersonal conflicts across regions, persons and situations. Proceedings of the Royal Society B: Biological Sciences, 284 (1869), 2017 doi: 10.1098/rspb.2017.1870
14. De Freitas, J., Cicara, M., **Grossmann, I.** & Schegel, R. Origins of the belief in Good True Selves. Trends in Cognitive Sciences, 21(9): 634-636, 2017. doi: 10.1016/j.tics.2017.05.009
15. **Grossmann, I.** Wisdom and how to cultivate it: Review of emerging evidence for a constructivist model of wise thinking. European Psychologist, 22(4): 233–246, 2017. doi: 10.1027/1016-9040/a000302
16. **Grossmann, I.** Wisdom in context. Perspectives on Psychological Science, 12(2): 233–257, 2017.
17. **Grossmann, I.**, Brienza, J. P., & Bobocel, D.R. Wise deliberation sustains cooperation. Nature Human Behaviour, 1(0061), 2017 doi: 10.1038/s41562-017-0061.
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23. Santos, H. C.\*, Varnum, M. E. W., **Grossmann, I.**\* Global increases in individualism. *Psychological Science*, 28(9): 1228-1239, 2017. doi: 10.1177/0956797617700622 \*corresponding authors
24. Varnum, M. E. W. & **Grossmann, I.** Cultural change: The how and the why. *Perspectives on Psychological Science*, 12(6): 956–972, 2017. doi: 10.1177/1745691617699971
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26. **Grossmann, I.**, Gerlach, T. M., & Denissen, J. J. A. Wise reasoning in the face of everyday life challenges. *Social Psychological and Personality Science*, 7(7): 611–622, 2016. doi: 10.1177/1948550616652206
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32. Varnum, M. E. W. & **Grossmann, I.** Pathogen prevalence is associated with cultural changes in gender equality. *Nature Human Behaviour*, 1(0006), 2016 doi:10.1038/s41562-016-0003

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34. **Grossmann, I.** & Varnum, M. E. W. Social structure, infectious diseases, disasters, secularism, and cultural change in America. Psychological Science, *26*(3) :311-324, 2015. doi: 10.1177/0956797614563765
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43. **Grossmann, I.**, Karasawa, M., Izumi, S., Na, J., Varnum, M. E. W., Kitayama, S., & Nisbett, R. E. Aging and wisdom: Culture matters. Psychological Science, *23*(10): 1059-1066, 2012. doi: 10.1177/0956797612446025

Papers in refereed conference proceedings

1. **Grossmann, I. & Brienza, J. P.** (2019, January). *Wisdom and social class*. Paper presented at the Jubilee Centre for Character and Virtues, Oriel College, Oxford, UK.
2. **Grossmann, I. & Brienza, J. P.** (2018, November). *Social class as an ecological framework for the development of wisdom*. Paper presented in the in the symposium “Wisdom in Social Context” chaired by N. M. Weststrate at the Annual Convention of the Gerontological Society of America, Boston, MS.
3. **Grossmann, I. & Varnum, M.E.V.** (2018, August). *Cultural change in collectivism around the world*. Paper presented in the in the symposium “The Changing Landscape of Asian Collectivism in the Globalizing Era” chaired by L. Sundararajan at the 126<sup>th</sup> Annual Convention of the American Psychological Association, San Francisco, CA.
4. **Grossmann, I. & Brienza, J. P.** (2018, July). *Wisdom, Balance and Bias: Towards a process-sensitive measurement of wisdom-related qualities*. Paper presented in the in the symposium “New Directions in Wisdom Research” chaired by E. Jayawickreme at the 19<sup>th</sup> European Conference on Personality, Zadar, Croatia.
5. **Grossmann, I., Na, J., Varnum, M. E. W., Kitayama, S. & Nisbett, R. E.** (2018, July). *Social orientation and cognitive style across cultures, classes, and individuals: Divergent patterns, reliability, and isomorphisms*. Paper presented in the in the symposium “Cultural and Cross-cultural research traditions: Complementary or Incommensurable?” chaired by J. Fontaine (Chair) and **I. Grossmann** (Co-Chair) at the 24<sup>th</sup> Congress of the International Association for Cross-cultural Psychology, Guelph, Canada.
6. **Santos, H.C., Varnum, M, E. W. & Grossmann, I.** (2018, July). *Global shifts in climate, development, and individualism: Cultural change across 78 countries*. Paper presented in the in the symposium “Climato-economic Imprints on Culture” chaired by E. van de Vliert (Chair) at the 24<sup>th</sup> Congress of the International Association for Cross-cultural Psychology, Guelph, Canada.
7. **Santos, H.C., & Grossmann, I.** (2018, March). *Cultivating the good life*. Paper presented in the Student/Early Career Data Blitz at the 19<sup>th</sup> Annual Society for Personality and Social Psychology Conference, Atlanta, Georgia.
8. **Santos, H. C. & Grossmann, I.** (2018, March). *Cultural Change in a Global Community: The How and the Why*. Paper presented in the symposium “Culture in a Globalizing World” chaired by K. Wu (Chair) at the 19<sup>th</sup> Annual Society for Personality and Social Psychology Conference, Atlanta, Georgia.

9. **Grossmann, I.** (2017, Oct). *Wisdom as meta-cognition: Measurement, utility, and interventions*. Paper presented in the symposium “Advances in Meta-cognition: Implications for Thoughts, Motivation, Emotions, and Wisdom” chaired by **I. Grossmann** (Chair) and Abigail Scholer at the 2017 conference of the Society for Experimental Social Psychology, Boston, Massachusetts.
10. Varnum, M.E.W, & **Grossmann, I.** (2017, Oct). *Using Ecology to Understand Patterns of Cultural Change*. Paper to be presented in the symposium “The Psychology of Ecology: Key Dimensions of the Physical and Social World” chaired by Oliver Sng and Josh Ackerman at the 2017 conference of the Society for Experimental Social Psychology, Boston, Massachusetts.
11. **Grossmann, I.** (2017, July). *The power of the situation for unveiling insights about daily wisdom*. Paper presented in the symposium “Situating Wisdom in the Context of Everyday Life: States, Traits, and Changes over Lifespan” chaired by **I. Grossmann** at the 2017 Congress of the International Association for Gerontology and Geriatrics, San Francisco, California.
12. Huynh, A. C., Kung, F. Y. H., **Grossmann, I.**, & Eibach, R. P. (2017, June). *Diversity and culture: The impact of diverse environments on cultural values, self-perceptions, and academic performance*. *Data Blitz* to be presented at the 78<sup>th</sup> Annual Convention of the Canadian Psychological Association, Toronto, Ontario, Canada.
13. Huynh, A. C., Santos, H. C., Tse, C. & **Grossmann, I.** (2017, May). *Advice-Giving and Wise Reasoning: The Cognitive Benefits of Adopting an Advisory Mindset*. Paper presented in the symposium “Tell Me Something I Don’t Know: The Psychological Processes and Consequences of Expertise and Giving Advice” chaired by A. C. Huynh (Chair) and H. C. Santos (co-Chair) at the 29<sup>th</sup> Annual Convention of the Association for Psychological Science, Boston, MA
14. **Grossmann, I.** (2017, May). *Wise deliberation sustains cooperation*. Competitive paper presented at the 13<sup>th</sup> Southern Ontario Behavioural Decision Research Conference, Kingston, ON.
15. **Grossmann, I.**, Huynh, A. C. & Santos, H. C. (2017, March). *Advice-giving, wisdom, and reasoning about intergroup conflicts*. Paper presented in the symposium “Group Flourishing Benefits from Hope, Wisdom, Blame, and Social Roles” chaired by K. Vohs (Chair) and **I. Grossmann (Co-chair)** at the second biennial International Convention of Psychological Science (ICPS), Vienna, Austria.
16. **Grossmann, I.** (2017, March). *Searching for wisdom: Personal quality or situation-contingent process*. Paper presented in the symposium “New Perspectives on Age-Old

Questions” chaired by T. Talhelm (Chair) and **I. Grossmann (Co-chair)** at the second biennial International Convention of Psychological Science (ICPS), Vienna, Austria.

17. **Grossmann, I., Santos, H.C., & Varnum, M.E.W.** (2017, Jan). Social class and the rise of individualism. Paper presented in the symposium “How Social-Class Cultures Shape Human Functioning and Flourishing” chaired by P. Dietze and E. Knowles (Co-Chair) at the 18<sup>th</sup> Annual Society for Personality and Social Psychology Conference, San Antonio, TX.
18. **Santos, H.C., Huynh, A. C., Tse, C. & Grossmann, I.** (2017, Jan). *Good advice pays back: The act of giving advice promotes wiser reasoning about politics and daily life.* Paper presented in the Student/Early Career Data Blitz at the 18<sup>th</sup> Annual Society for Personality and Social Psychology Conference, San Antonio, TX.
19. **Huynh, A. C., Santos, H.C., & Grossmann, I.** (2017, Jan). *Understanding our cultural ecology: How ethnically diverse networks are shaping cultural values.* Paper presented at the Data Blitz at the Advances in Cultural Psychology Pre-conference at the 18<sup>th</sup> Annual Society for Personality and Social Psychology Conference, San Antonio, TX.
20. **Grossmann, I.** (2017, Jan). *Wisdom in context.* Talk presented at the “Character, Wisdom, and Virtue” conference of the Jubilee Centre for Character and Virtues, Oriel College, Oxford, UK.
21. **Grossmann, I.** (2016, August). *Wisdom-related reasoning: Experimental and diary evidence of malleability in daily life.* Talk presented in the symposium “Fresh looks at classic perspectives: Social dimensions of essentialism, reasoning, mental time travel, and consciousness” chaired by J. Knobe at The International Conference on Thinking, Providence, Rhode Island.
22. **Grossmann, I., Santos, H., Huynh, A.C. & Varnum, M.E.W.** (2016, August). *Rise of individualism: Determinants and moderators of cultural change.* Paper presented in the invited symposium “Social / cultural change: Determinants, moderators, and consequences” chaired by T. Hamamura at the 23<sup>rd</sup> International Congress of the International Association for Cross-Cultural Psychology, Nagoya, Japan.
23. **Grossmann, I.** (2016, August). *Cross-cultural developmental psychology of emotion.* Discussant in the symposium “Continuity and changes in emotion socialization with globalization” chaired by M. Karasawa at The 23<sup>rd</sup> International Congress of the International Association for Cross-Cultural Psychology, Nagoya, Japan.
24. **Kung, F., Eibach, R. & Grossmann, I.** (2016, August). *Culture, fixed-world beliefs, and perceptions of identity change.* Rapid paper presented at The 23<sup>rd</sup> International Congress of the International Association for Cross-Cultural Psychology, Nagoya, Japan.



25. Oakes, H. & Grossmann, I. (2016, July). *Promoting wise reasoning in interpersonal conflicts: The interactive roles of power and interpersonal expectations*. Paper presented at the conference of the International Association for Relationship Research, Toronto, Canada.
26. **Grossmann, I.** (2016, May). *Emotional complexity: Clarifying definitions and cultural correlates*. Paper presented in the symposium “Operationalizing affective complexity: Theory, measurement, and applications” chaired by R. Gonzalez (Chair) and J. Smith (Co-Chair) at The 28<sup>th</sup> Annual Convention of the Association for Psychological Science, Chicago, IL.
27. Huynh, A. C., Santos, H. C., & **Grossmann, I.** (2016, May). *Bringing about cultural change: The role of ethnic and linguistic diversity in shifting cultural values and behavior*. Paper presented in the symposium “Cultural transmission and change: Mechanisms and psychological consequences” chaired by **I. Grossmann** (Chair) and H. C. Santos (Co-Chair) at The 28<sup>th</sup> Annual Convention of the Association for Psychological Science, Chicago, IL.
28. Santos, H. C., **Grossmann, I.**, & Vohs, K. D. (2016, May). *Making wise predictions about the future*. Paper presented in the symposium “Advances in prospection research: Making the future bright” chaired by B. A. Teachman at the 28<sup>th</sup> Annual Convention of the Association for Psychological Science, Chicago, IL.
29. **Grossmann, I.** (2016, March). *Emotional complexity: Clarifying definitions and cultural correlates*. Flash talk presented at the 4<sup>th</sup> annual conference of the Society for Affective Science in Chicago, IL.
30. **Grossmann, I.** & Varnum, M. E. V. (2016, January). *Unpacking the rise of individualism: Social structure, infectious diseases, disasters, secularism and cultural change in America*. Paper presented in the symposium “The times they have changed: Cultural change and reactions to generational differences” chaired by J. Grubbs (Chair) & J. Exline (Co-chair) at The 17<sup>th</sup> Annual Society for Personality and Social Psychology Conference, San Diego, CA.
31. Brienza, J. & **Grossmann, I.** (2016, January). *Ego-decentered reasoning predicts cross-domain prosociality*. Paper presented in the symposium “The evolution and maintenance of human prosociality” chaired by J. Brienza (Chair) & **I. Grossmann** (Co-chair) at The 17<sup>th</sup> Annual Society for Personality and Social Psychology Conference, San Diego, CA.
32. **Grossmann, I.** (2015, November). *Beat of the wise heart: Self-distancing moderates the relationship between wise reasoning and cardiac vagal tone*. Paper presented in the symposium “Situational and long-term predictors of wisdom” chaired by U. M.

Staudinger at the 68<sup>th</sup> Annual Scientific Meeting of the Gerontological Society of America, Orlando, FL.

33. Santos, H.C. & **Grossmann, I.** (2015, August). *The rise of individualism: The universality and cultural specificity of cultural change in 42 countries*. Paper presented at the 11<sup>th</sup> Biennial Conference of the Asian Association of Social Psychology, Cebu City, Philippines.
34. De Freitas, J., Sarkissian, H., **Grossmann, I.**, De Brigard, F., Luco, A., Newman, G. E., Knobe, J. (2015, July). *Is there universal belief in a good true self?* Paper presented at the 23rd Annual Meeting of the European Society for Philosophy and Psychology, Tartu, Estonia.
35. **Grossmann, I.**, Karasawa, M., & Kitayama, S. (2015, July). *A cultural perspective on emotional experiences across the life span*. Paper presented in the symposium “Emotions across adulthood: The role of cognition, motivation, and culture” chaired by **I. Grossmann** (Chair) and Alexandra M. Freund (Co-Chair) at the the International Society for Research on Emotion conference at the University of Geneva, Geneva, Switzerland.
36. De Freitas, J., Sarkissian, H., **Grossmann, I.**, De Brigard, F., Luco, A., Newman, G. E., Knobe, J. (2015, June). *Is there universal belief in a good true self?* Paper presented at the 2015 Meeting of the Society for Philosophy and Psychology, Durham, North Carolina.
37. **Grossmann, I.** (2015, June). *Wise reasoning: Evidence of cultural variability and modifiability*. Paper presented in the President’s New Researcher’s Award Symposium at the convention of the Canadian Psychological Association in Ottawa, ON.
38. **Grossmann, I.** (2015, March). *Wisdom and prospection*. Paper presented in the symposium “Making sense of the future: Towards an integrative science of prospection” chaired by **I. Grossmann (Chair)** at the inaugural International Convention of Psychological Science (ICPS), Amsterdam, Netherlands.
39. **Grossmann, I.**, (2014, October). *Emotional complexity, culture and the self*. Paper presented in a symposium “The Cultural Shaping of Negative Emotion and Their Implications for Empathy and Sympathy” chaired by J. Tsai and B. Mesquita at the 50<sup>th</sup> Annual Meeting of the Society of Experimental Social Psychology in Columbus, Ohio.
40. **Grossmann, I.**, (2014, July). *Malleability of wisdom: Experimental and cross-cultural evidence*. Paper presented in a symposium “Understanding Wisdom in Later Life: Implications for Practice” chaired by B. Knight at the 28<sup>th</sup> International Congress of Applied Psychology in Paris, France.

41. **Grossmann, I.**, (2014, June). *Malleability of wisdom: Experimental and cross-cultural evidence*. Paper presented in a symposium “Wisdom: Characteristics, contexts, and consequences” chaired by S. Etezadi at the convention of the Canadian Psychological Association in Vancouver, BC.
42. **Grossmann, I.** (2013, November). *Smart, but not wise? Relationship between wise reasoning and intelligence*. Paper presented in the symposium “Toward a Clearer Conceptualization of the Relations of Wisdom to Other Constructs: Distinguishing Resources, Correlates, and Outcomes” chaired by J. Glueck at the 66<sup>th</sup> Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.
43. **Schryer, E., Grossmann, I., Mock, S., & Eibach, E.** (2013, October). *What does it mean to feel older or younger? A socio-communication account of perceived aging*. Paper presented at the 74th annual meeting of the Canadian Association on Gerontology – CAG2013: Aging...from Cells to Society, Halifax, New Brunswick.
44. **Grossmann, I.** (2013, August). *Emotional differentiation across eight cultures: Systematic evidence from written media and diary surveys*. Paper presented at the International Society for Research on Emotion conference at the University of California, Berkeley, CA.
45. **Grossmann, I. & Varnum, M.E.W.** (2013, June). *The rise of the middle-class individualism in America*. Paper presented in the symposium “Sociocultural approaches to values, academic engagement, and health” chaired by V. Kwan (Chair) at the regional conference of the International Association for Cross-Cultural Psychology, Los Angeles, CA.
46. **Grossmann, I.** (2013, June). *Emotional differentiation, culture, and perspective*. Paper presented in the symposium “A Process-oriented approach to emotion regulation in a cross-cultural context” chaired by **I. Grossmann (Chair)** at the regional conference of the International Association for Cross-Cultural Psychology, Los Angeles, CA.
47. **Huynh, A. C. & Grossmann, I.** (2013, June). *When distancing goes bad: Reasoning from the future perspective undermines effective conflict resolution for entity theorists*. Paper presented in the symposium “Why Time Matters Interpersonally: Examining Relational Outcomes from a Temporal Perspective” Chaired by K. Cortes at the 74th annual convention of the Canadian Psychological Association, Québec City, QC.
48. **Grossmann, I. & Varnum, M. E. W.** (2013, May). *The rise of the middle-class individualism in America*. Paper presented in the symposium “When and How Social Class Makes a Differences” chaired by J. Na & **I. Grossmann** at the 25th APS convention, Washington, DC.

- 49. Grossmann, I. & Kross, E. (2013, May).** *Solomon's Paradox: Wisdom and distance in close Relations*. Paper presented in the symposium "So Close, So Far: Motivation, Metacognition, and Perceptions of Distance" chaired by M. Travers at the 25th APS convention, Washington, DC.
- 50. Ellsworth, P. C. & Grossmann, I. (2013, May).** *Linguistic and cultural differences in emotional complexity*. Paper presented in the symposium "The Emotion Lexicon: Underlying Dimensions and Cultural Differences" chaired by J. Fontaine at the 25th APS convention, Washington, DC.

November 2019

## **HOEPPE, Götz**

Associate Professor, Tenured  
Member of Graduate Faculty: Yes

### **B) DEGREES**

Ph.D. Socio-cultural Anthropology, Freie Universität Berlin, Germany, 2002  
M.Sc., Physics, University of New Mexico, U.S.A., 1993  
B.Sc., Physics, Georg-August-Universität Göttingen, Germany, 1991

### **C) EMPLOYMENT HISTORY**

2014–18 Associate Professor of Cultural Anthropology Chair, Department of Anthropology, University of Waterloo  
2013–18 Associate Chair, Department of Anthropology, University of Waterloo  
2012–14 Assistant Professor of Cultural Anthropology, Department of Anthropology, University of Waterloo  
2010–12 Assistant Professor of Cultural Anthropology, Department of Anthropology, College of William & Mary  
2010–12 Postdoctoral Fellow, Division of Space History, National Air and Space Museum  
2007-09 Research Fellow, Finance and Society, Universität Konstanz  
2003–07 Editor and Staff Writer, Spektrum der Wissenschaft Verlags  
2000–02 Research Associate, Institut für Ethnologie, Freie Universität Berlin

### **D) HONOURS**

Melvin Pollner Prize in Ethnomethodology, American Sociological Association, 2017  
Lois Claxton Humanities and Social Sciences Award, University of Waterloo, 2014  
Louis J. Battan Author's Award, American Meteorological Society, 2010  
Atmospheric Science Librarians International Choice Award 2007, 2004  
Summa cum Laude, Freie Universität Berlin, 2002  
Fulbright-Stipendium, German-American Fulbright Commission, 1991-1992  
Stipendium der, 1989 – 1993

### **E) SCHOLARLY AND PROFESSIONAL ACITIVITES**

Membership in:

American Sociological Association (ASA)

Ethnomethodology and Conversation Analysis Section

Science, Knowledge and Technology Section

Society for Social Studies of Science (4S)

European Association for the Study of Science and Technology (EASST)

International Institute for Ethnomethodology and Conversation Analysis (IEMCA)

## F) GRADUATE SUPERVISION

Completed: 3 M.A.

In Progress:

Mallory Moscovitch (MA), “Bird Monitoring and New Media: An Anthropological Approach”.2017-2018

Stuart Anderson (MA), “iNaturalist: Understanding Biodiversity Through a Digital Medium”.2016-2017.

Samantha Lawrence-Nametka (MA), “North End Narratives: Grid-Group Analysis for Environmental Justice in Hamilton, Ontario”.2014-2015

## G) GRADUATE COURSES

### Graduate Courses

#### Department of Anthropology, University of Waterloo

|            |  |
|------------|--|
| 2012-18    | Public Issues Anthropology                                   |
| 2013-16-18 | Anthropology of Digital Media                                |
| 2017-18    | Introduction to Anthropology                                 |
| 2018       | Citizen Science and Digital Media                            |
| 2012-14-18 | Anthropology of Science                                      |
| 2014-15-18 | Environmental Anthropology                                   |
| 2017       | Membership and Mediation in Citizen Science and DIY Cultures |
| 2017       | Anthropology of South Asia                                   |
| 2015       | Environment, Society, Science                                |
| 2013-15    | Research Methods in Public Issues Anthropology               |
| 2013-14    | Visual Anthropology  |

## H) EXTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>  | <u>Type</u> | <u>Amount per year</u> | <u>Purpose</u> |
|-------------|--|-------------|------------------------|----------------|
| 2018-21     | Insight Grant, Social Sciences and Humanities Research Council | C           | 195'743 CAD            | Research       |

| <u>Year</u> | <u>Source</u>  | <u>Type</u> | <u>Amount Per year</u> | <u>Purpose</u> |
|-------------|--|-------------|------------------------|----------------|
| 2018-21     | Insight Grant, Social Sciences and Humanities Research Council, Canada | C           | \$1957,743 CAD         | Grant          |
| 2014        | Lois Claxton Humanities and Social Sciences Award                      | O           | \$5,500 CAD            | Award          |

**INTERNAL RESEARCH FUNDING**

| <u>Year</u> | <u>Source</u>                    | <u>Type</u> | <u>Amount per year</u> | <u>Purpose</u>  |
|-------------|----------------------------------|-------------|------------------------|-----------------|
| 2013        | UW/SSHRC conference Travel Grant | C           | \$1,050 CAD            | Research/Travel |

**I) PUBLICATIONS**

Lifetime count

|  |    |
|--|----|
| - Books authored.....                            | 2  |
| - Books edited.....                              | 0  |
| - Chapters in books.....                         | 0  |
| - Papers in <u>refereed</u> journal .....        | 8  |
| - Papers in refereed conference proceedings..... | 0  |
| - Technical reports.....                         | 0  |
| - Abstracts and/or papers read .....             | 0  |
| - Others .....                                   | 24 |

Journal Articles

1. Hoeppe,G., “Medium, Calculation, Play: On Digital Images in Scientific Practice”, *Social Studies of Science*, 2019

2. Hoeppe, G., Mediating Environments and Objects as Knowledge Infrastructure *Computer Supported Cooperative Work* 28(1-2): 25-59, 2019.
3. Hoeppe, G., “Tensions of Accountability: Scientists, Technicians and the Ethical Life of Data Production in Astronomy”. *Science as Culture* 27 (4): 488 – 512, 2018.
4. Hoeppe, G., „Practical Cosmologies“. *Ethnologies* 40 (2): 17pp, 2018.
5. Hoeppe, G. “An Instructive Return to Laboratory Ethnography”, *Symbolic Interaction* 39 (1): 158 – 161, 2016.
6. Hoeppe, G. „Representing Representation“ *Science, Technology, & Human Values* 40 (6): 1077 – 1092, 2015.
7. Hoeppe, G., “Working Data Together: The Accountability and Reflexivity of Digital Astronomical Practice”, *Social Studies of Science* 44 (2): 243 – 270, 2014.
8. Böhm ... G. Hoeppe ... (24 co-authors). “AGN host galaxies at  $z = 0.7$ : peculiar or not?” *Astronomy and Astrophysics* 549: A46 (16 pp), 2013.

Date: January 2020



## **MCLEVEY, John**

Assistant Professor, Tenure-track  
Member of Graduate Faculty: Yes

### **B) DEGREES**

Ph.D., Sociology, McMaster University, Canada, 2013  
M.A., Sociology, McMaster University., Canada, 2009  
B.A., Honors, Sociology, Political Science, Memorial University, Canada, 2008

### **C) EMPLOYMENT HISTORY**

2013- Assistant Professor, Department of Knowledge Integration, Department of Sociology and Legal Studies, University of Waterloo

### **D) HONOURS**

Outstanding Performance Award, University of Waterloo, 2017  
University Gold Medal for Academic Excellence in Sociology, Memorial University, 2009

### **E) SCHOLARLY AND PROFESSIONAL ACTIVITIES**

2019 Visiting Scholar, Department of Political and Social Sciences, Scuola Normale Superiore, Florence, Italy  
2016-20 Communications Officer, Member of the Executive Council, Canadian Sociological Association  
Co-organizer, Canadian Sociological Association, Social Networks Research Cluster  
Co-organizer, Canadian Sociological Association for the Sociology of Science, Technology, and Knowledge Research Cluster  
2016- Cross-appointed to the Department of Geography and Environmental Management  
2014- Affiliate Researcher, Waterloo Institute for Complexity and Innovation  
2014- Fellow, Balsillie School of International Affairs  
2014- Cross-appointed to the School of Environment, Resources, and Sustainability

### **F) GRADUATE SUPERVISION**

**Completed: 1 M.A., 0 Ph.D.**

**In progress: 0 M.A, 4 Ph.D**

NAME OF STUDENTS supervised within the past seven years, title of thesis of project, year of first registration and year of completion:

Alexander Graham (PhD, in progress)

Tyler Crick (PhD, in progress)  
 Amelia Howard (PhD, in progress)  
 Pierson Browne (PhD, in progress)  
 Alexander Graham (MA completed 2017)

**G) COURSES**

2013- INTEG 340 Research Methods  
 2013- INTEG 640 / 440 Computational Social Science (formerly “Big Data” and Social Science Research)  
 2013- INTEG 420 KI Thesis / Senior Research Project  
 2013- INTEG 120 The Art & Science of Learning  
 2013- INTEG 275 Data Visualization  
 2013- INTEG 375 Sociology of Science and Technology  
 2013- INTEG 375 Open Science and Technology  
 2013- INTEG 251 Creativity and Innovation

**H) EXTERNAL RESEARCH FUNDING**

| <b>Year</b> | <b>Source</b>   | <b>Type</b> | <b>Amount per year</b> | <b>Purpose</b> |
|-------------|---|-------------|------------------------|----------------|
| 2018-19     | SSHRC Connection Grant  | C           | \$24,373               | Research       |
| 2016-22     | Social Science and Humanities Research Council of Canada (SSHRC)          | C           | \$282,672              | Research       |
| 2016-2020   | Ontario Early Researcher Award, Ministry of Research and Innovation       | G           | \$150,000.             | Research       |
| 2016-18     | Social Science and Humanities Research Council of Canada ( <b>SSHRC</b> ) | C           | \$67,790               | Research       |

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|         |  |   |            |          |
|---------|--|---|------------|----------|
| 2016-18 | Social Science and Humanities Research Council of Canada ( <b>SSHRC</b> ), Insight Development Grant | C | \$59,302   | Research |
| 2015-16 | Basillie School of International Affairs, Major Workshops Grant                                      | O | \$8,400    | Workshop |
| 2015-16 | Social Science and Humanities Research Council of Canada ( <b>SSHRC</b> ), Insight Grant             | C | \$188,423. | Research |
| 2014-16 | Social Science and Humanities Research Council of Canada ( <b>SSHRC</b> ), Insight Development Grant | C | \$74,814   | Research |

**INTERNAL RESEARCH FUNDING**

| <b>Year</b> | <b>Source</b>   | <b>Type</b> | <b>Amount per year</b> | <b>Purpose</b> |
|-------------|---|-------------|------------------------|----------------|
| 2015-16     | LITE Seed Grant, Center for Teaching Excellence, University of Waterloo | O           | \$4,765.20             | Research       |
| 2013        | University of Waterloo,   | O           | \$15,000               | Research       |

Faculty Research  
Start-up Grant

## I) PUBLICATIONS

### Lifetime count

|  |    |
|--|----|
| - Books authored.....                            | 0  |
| - Books edited.....                              | 0  |
| - Chapters in books.....                         | 2  |
| - Papers in <u>refereed</u> journal .....        | 6  |
| - Papers in refereed conference proceedings..... | 0  |
| - Technical reports.....                         | 1  |
| - Abstracts and/or papers read .....             | 0  |
| - Others (workshops presented) .....             | 36 |

### Chapters in books

1. John McLevey and Ryan Deschamps. “The Sociology of Public Policy Formation and Implementation.” William Outhwaite and Stephen Turner (eds) (*The SAGE Handbook of Political Sociology*, 2018)
2. John McLevey, Allyson Stokes, and Amelia Howard. “Pierre Bourdieu’s Uneven Influence on Anglophone Canadian Sociology.” Thomas Medvetz and Jeff Sallaz (eds) *The Oxford Handbook of Pierre Bourdieu* (Oxford University Press, 2018)

### Papers in refereed journal

1. Gallupe, O., McLevey, J. and Brown, S. *Forthcoming*. “Selection or Influence? A Meta-Analysis of the Association between Peer and Personal Offending.” *Journal of Quantitative Criminology*. Gated Link. Open access version coming soon.
3. JMcLevey, J., Graham, A., McIlroy-Young, R., Browne, P. and Plaisance, K.S. “Interdisciplinarity and Insularity in the Diffusion of Knowledge: An Analysis of Disciplinary Boundaries Between Philosophy of Science and the Sciences.” *Scientometrics*. 2018. Issue number not yet assigned.
4. McLevey, J. and McIlroy-Young, R. “Introducing metaknowledge: Software for Computational Research in Information Science, Network Analysis, and Science of Science.” *The Journal of Informetrics*. 11: 176-197, 2017.
5. Stokes, A & John McLevey, J. “From Porter to Bourdieu: The Evolving Specialty Structure of English Canadian Sociology, 1966- 2014.” *Canadian Review of Sociology / Revue canadienne de sociologie*. 53(2):176–202, 2016.
6. McLevey, J. “Understanding Policy Research in Liminal Spaces: Think Tank Responses to Diverging Principles of Legitimacy.” *Social Studies of Science*. 45(2):270-293, 2015.
7. McLevey, J. “Think Tanks, Funding, and the Politics of Policy Knowledge in Canada.” *Canadian Review of Sociology / Revue canadienne de sociologie*. 51(1):54-75, 2014.

Technical reports

1. Aurini, J., McLevey, J., Stokes, A., & Gorbet, R. “Classroom Robotics and Acquisition of 21st Century Competencies: An Action Research Study of Nine Ontario School Boards.” Report for the Council of Ontario Directors of Education (CODE) and the Ministry of Education, Ontario, 2017.

Date: January 2020

## MILLIGAN, Ian

Associate Professor, Tenured

Member of Graduate Faculty: Yes

### b) DEGREES:

PhD. History, York University, 2012

M.A., History, York University, 2007

B.A., History, Queen's University, 2006

### c) EMPLOYMENT HISTORY

2017– Associate Professor, Department of History, University of Waterloo

2012– 17 Assistant Professor, Department of History, University of Waterloo

2016– 17 Marshall McLuhan Centenary Fellow, Faculty of Information Studies,  
University of Toronto

2012 SSHRC Postdoctoral Fellow, Department of History, Western University

### d) HONOURS

Outstanding Early Career Award, Canadian Society for Digital Humanities, 2016

University of Waterloo Outstanding Performance Award, University of Waterloo, 2014

Journal of the Canadian Historical Association Best Article Prize, 2013

### e) SCHOLARLY AND PROFESSIONAL ACTIVITIES

2018– Member, Editorial Board, International Journal of Digital Libraries

2018– Editorial Board, *International Journal of Digital Libraries*

2018– Canadian Research Knowledge Network Preservation and Access Committee

2017-18 Special Issues Editor, International Journal of Digital Libraries (Academic Journal)

2016– Editor, Internet Histories (Academic Journal)

2015– Library and Archives Canada Acquisition Committee member

2018-21 Faculty-at-Large Senator, University of Waterloo Senate

### f) GRADUATION SUPERVISION:

Completed: 5 M.A, 0 PhD

In progress: 2 PhD, 1 M.A

- Rebecca MacAlpine, (PhD). 2018-
- Sarah McTavish (PhD). 2016-
- Rebecca Nickersen (MA) In Progress.
- Eric Vero (MA) Completed 2017

Curricula Vitae – Graduate Diploma in Computational Data Analytics for the Social Sciences & Humanities

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- Denée Renouf (MA) Completed 2017
- Patrick O-Leary (MA) Completed 2016
- Kate Mackinnon (MA) Completed 2016
- David Hussey (MA) Completed 2015

g) GRADUATE COURSES:

2017-18 HIST 710: Canadian History Major Field  
 2016-17 HIST 602: Canadian History Projects Course  
 2015-16 HIST 602: Canadian History Projects Course

h) 1. EXTERNAL RESEARCH FUNDING:

| <u>Year</u> | <u>Source</u>   | <u>Type</u> | <u>Amount per Year</u> | <u>Purpose</u> |
|-------------|---|-------------|------------------------|----------------|
| 2018-20     | Institute of Museum and Library Services, Laura Bush 21st Century Librarian Program | O           | \$314,824 CAD          | Research       |
| 2018-19     | Social Sciences and Humanities Research Council, Connection Grant                   | C           | \$11,779 CAD           | Research       |
| 2017-20     | Andrew W. Mellon Foundation, Scholarly Communications Program                       | O           | \$610,625 CAD          | Research       |
| 2016-17     | Microsoft Research, Microsoft Azure Research Award                                  | O           | \$26,804 CAD           | Research       |

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|             |  |   |               |          |
|-------------|--|---|---------------|----------|
| Jan 2016-19 | Compute Canada, Research Platforms and Portals Competition                 | O | \$11,635 CAD  | Research |
| 2016-17     | Arts and Humanities Research Council (UK)                                  | O | \$60,125 CAD  | Research |
| 2015-16     | Social Sciences and Humanities Research Council, Connection Grant          | C | \$23,715 CAD  | Research |
| 2015-20     | Social Sciences and Humanities Research Council, Insight Grant             | C | \$257,541     | Research |
| 2015-20     | Ontario Ministry of Research and Innovation, Early Researcher Award        | G | \$150,000 CAD | Research |
| 2015-16     | Social Sciences and Humanities Research Council, Connection Grant          | C | \$19,304 CAD  | Research |
| 2013-15     | Social Sciences and Humanities Research Council, Insight Development Grant | C | \$74,952 CAD  | Research |



## 2. INTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>  | <u>Type</u> | <u>Amount</u> | <u>Purpose</u> |
|-------------|--|-------------|---------------|----------------|
| 2013-15     | University of Waterloo/Social Sciences and Humanities Research Council Institutional Block Grant | C           | \$5,500 CAD   | Research       |

### i) PUBLICATIONS:

#### Books authored:

1. Milligan, I. History in the Age of Abundance? How the Web is Transforming Historical Research. (McGill-Queen's University Press, 2019).
2. Graham, S., Milligan, I. and Weingart, S. Exploring Big Historical Data: The Historian's Macroscope. (Imperial College Press, 2016), 282 pp.
3. Milligan, I. Rebel Youth: 1960s Labour Unrest, Young Workers, and New Leftists in English Canada. (University of British Columbia Press, 2014), 241 pp.

#### Books edited:

1. *SAGE Handbook of Web History* ed. By Niels Brügger and Ian Milligan, SAGE Publications, 2018.

#### Chapters in Books:

1. Milligan, I. and Smyth, T.J. Studying the Web in the Shadow of Uncle Sam: The Case of the .ca Domain, in Niels Brügger and Ditte Laursen (eds), The Historical Web and Digital Humanities: The Case of National Web Domains, (London: Routledge, 2018): 45-63.
2. Milligan, I. Learning to 'See' the Past at Scale: Exploring Web Archives through Hundreds of Thousands of Images, in Kevin Kee and Timothy Compeau (eds), Seeing the Past with Computers, (University of Michigan Press, 2018): 116-136.
3. Milligan, I. Historiography and the Web, in Niels Brügger and Ian Milligan (eds), *SAGE Handbook of Web History*, (SAGE Publications, 2018).

4. Milligan, I. Exploring Web Archives in the Age of Abundance: The Case of GeoCities, in Niels Brügger and Ian Milligan (eds), *SAGE Handbook of Web History* (SAGE Publications, 2018).
5. Milligan, I. and Warren, R. Big Data and the Coming Historical Revolution: From Black Boxes to Models, in Giovanni and Daniela Carlucci (eds), *Big Data in the Arts and Humanities: Theory and Practice*, (CRC Press - Taylor & Francis Group, 2018).
6. Milligan, I. Welcome to the Web: The Online Community of GeoCities During the Early Years of the World Wide Web, in Niels Brügger and Ralph Schroeder (eds), *The Web as History: Using Web Archives to Understand the Past and the Present*, eds. (UCL Press, 2017).
7. Turkel, W.J. and Milligan, I. The Challenge of ‘High-Throughput’ Computational Methods, in Barry Rodrigue, Leonid Grinin, and Andrey Korotayev (eds), *From Big Bang to Global Civilization: A Big History Anthology*. (Primus Books, 2015): 145-157.

Papers in Refereed Journals:

1. Maemura, E., Worby, N., **Milligan**, I. and Becker, C. If These Crawls Could Talk: Studying and Documenting Web Archives Provenance. *Journal of the Association for Information Science and Technology*. 69 (10): 1223-1233, 2018.
2. Devenyi, G.A., Emonet, E., Harris, R.M., Hertweck, K.L., Irving, D., **Milligan**, I., and Wilson, G. Ten Simple Rules for Collaborative Lesson Development. *PLOS Computational Biology*, 14 (3), 2018. <https://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1005963>.
3. Lin, J., **Milligan**, I., Wiebe, J., and Zhou, A.. Warcbase: Scalable Analytics Infrastructure for Exploring Web Archives. *ACM Journal of Computing and Cultural Heritage*, 10 (4): 22:1-22:30, 2017.
4. Milligan, I. Lost in the Infinite Archive: The Promise and Pitfalls of Web Archives. *International Journal of Humanities and Arts Computing*, 10 (1-2): 78-94, 2016.
5. Milligan, I., Ruest, N., and St-Onge, A. The Great WARC Adventure : Using SIPS, AIPS and DIPS to document SLAAPs. *Digital Studies / Le champ numérique*, 6, 2016.
6. Ruest, N. and Milligan, I. An Open-Source Strategy for Documenting Events: The Case Study of the 42nd Canadian Federal Election on Twitter. *Code4Lib Journal*, 32, 2016.
7. Milligan, I. ‘A Haven for Perverts, Criminals, and Goons’: Children and the Battle for and Against Canadian Internet Regulation, 1991-1999. *Histoire Sociale/Social History*, 47(96): 245-274, 2015.
8. Milligan, I. Illusionary Order: Online Databases and the Changing Foundation of Canadian

Historiography, 1997-2010. Canadian Historical Review, 94(4): 540-569, 2013.

Technical Reports:

1. Milligan, I. "Finding Community in the Ruins of GeoCities: Distantly Reading a Web Archive," *Bulletin of IEEE Technical Committee on Digital Libraries*, Vol. 11, Issue 2 (October 2015), <http://www.ieee-tcdl.org/Bulletin/current/papers/milligan.pdf>. 1,397 words.

Date: February 2020

## **NACKE, Lennart Philipp Erik**

Associate Professor, Tenured

Member of Graduate Faculty: Yes

### a) DEGREES:

Ph.D. Digital Game Development, Blekinge Institute of Technology, 2010

M.A. Diplom-Ingenieur, Computervisualistik, Otto-Von-Guericke-Universität Magdeburg, 2005

B.A. Computervisualistik, Otto-Von-Guericke-Universität Magdeburg, 2004

### b) EMPLOYMENT HISTORY:

2015 Associate Professor, Drama and Speech Communication, University of Waterloo

2011-15 Assistant Professor, Faculty of Business and IT, Institute of Technology

2010-11 Postdoctoral Research Associate, Department of Computer Science, University of Saskatchewan

2006-10 Graduate Research Assistant, School of Computing, Blekinge Institute of Technology

2006 Teaching Assistant, Department for Simulation and Graphics, Otto-Von-Guericke-Universität

2004-06 Game Designer, impara GmbH

2004-05 Programming Tutor, Department for Simulation and Graphics, Otto-Von-Guericke-Universität

2003-04 Teaching Assistant, Department of Computer Science, University of Otago Full-time

2003 Programming Tutor, Virtual Institute for Image Research, Otto-Von-Guericke-Universität Magdeburg

2002-03 Programming Tutor, Department of Computer Science, Otto-Von-Guericke-Universität Magdeburg

2001-02 IT Support, School of Humanities, Social Sciences and Education, Otto-Von-Guericke-Universität

2000 Internship, Siemens Ag (Germany)

1999-00 Civilian Service Assistant, Ruhrlandklinik Essen-Heidhausen

### c) HONOURS:

Distinction as the Associate Director, Stratford Campus, University of Waterloo, 2017-18

Best Paper Honorable Mention Award, CHI PLAY 2016 ACM SIGCHI Prize, 2016

Service Award for Industry Chair, CHI PLAY 2016 ACM SIGCHI Prize, 2016

Service Award for Technical Programme Chair, CHI PLAY 2015 ACM SIGCHI Prize, 2016

Service Award, Chairing CHI PLAY 2014, Association for Computing Machinery, 2014

Service Award, Games and Entertainment Community Spotlight, CHI 2014 Association for Computing Machinery Prize, 2014

Best Programming Award, Ubisoft Academia Competition, 2014

Best Marketing Plan Award, Ubisoft Academia Competition, 2013  
Appointed Distinction of Visiting Lecturer, University of Sussex University, 2012-2013  
CSCW 2012 Best Paper Award Association for Computing Machinery Prize, 2012  
CHI 2011 Best Paper Honorable Mention Association for Computing Machinery Prize, 2011  
Best Thesis Award, Otto-Von-Guericke-Universitat Magdeburg Distinction, 2006

d) SCHOLARLY AND PROFESSIONAL ACTIVITIES:

Event Organization

2017-18 Subcommittee Chair, CHI 2018, ACM Conference on Human Factors in Computing Systems (CHI)  
2017-18 Communications Chair, CHI  
2016-17 Subcommittee Chair, CHI 2017, ACM Conference on Human Factors in Computing Systems  
2015-16 Sponsorship/Industry Chair, ACM Computer-Human Interaction in Play  
2013-16 Associate Chair, ACM Conference on Human Factors in Computing Systems (CHI)  
2015 Technical Program Chair, CHI PLAY  
2015 Reviewer, CSCW  
2014 Conference Chair, CHI PLAY  
2014 Program Committee Member, GI  
2014 Games Spotlight Co-Chair, ACM Conference on Human Factors in Computing Systems  
2014 Co-Organizer, Games User Research (GUR) Workshop  
2013 Conference Co-Chair, Technical Proceedings, Reviewer, Gamification 2013  
2013 Reviewer, UIST  
2013 Program Committee Member, Reviewer, IEEE CIG  
2013 Doctoral Consortium Chair, FDG  
2013 Co-Organizer, Games User Research (GUR)  
2013 Reviewer, CSCW  
2012 Reviewer, UIST  
2012 Social Media Chair, ICEC  
2012 Program Committee Member, GameDays/Edutainment  
2012 Work in Progress and Demonstration Chair, Fun and Games 2012, Co  
2012 Reviewer, Mobile HCI

Editorial Activities

2015-18 Associate Editor, International Journal of Human-Computer Studies, Journal  
2014-18 Editor, The Games User Research Book, Book  
2014-15 Special Issue Editor - Gamification, Computers in Human Behavior, Journal  
2013-15 Special Issue Editor - Social Games, Computers in Human Behavior, Journal

Organizational Review Activities

- 2017-18 Grant Reviewer, Natural Sciences and Engineering Research Council of Canada
- 2017-18 Grant Reviewer, Natural Sciences and Engineering Research Council of Canada
- 2017-18 Grant Reviewer, Natural Sciences and Engineering Research Council of Canada
- 2017-18 Grant Reviewer, Natural Sciences and Engineering Research Council of Canada
- 2016 Grant Reviewer, Nederlandse Organisatie voor Wetenschappelijk
- 2016 Grant Reviewer, Singapore Ministry of Education, Tertiary Education Research Fund
- 2015-16 Grant Reviewer, Natural Sciences and Engineering Research Council of Canada
- 2014 Grant Reviewer, Mitacs Mitacs Accelerate Grant Proposal Reviewer
- 2014 Grant Reviewer, Katholieke Universiteit Leuven
- 2013 Grant Reviewer, Nederlandse Organisatie voor Wetenschappelijk
- 2013 Workload Committee Member, University of Ontario Institute of Technology
- 2012 Academic Council Member, University of Ontario Institute of Technology
- 2012 Strategic Research Committee Member, University of Ontario Institute of Technology

e) GRADUATE SUPERVISION:

Completed: 3 MA, 2 PhD, 2 Post Doc

In progress: 5 MA, 8 PhD

- Freiman Cormier, Elizaveta(MA),University of Waterloo Thesis/Project Title: Digital Experience Innovation Master's student and researcher.In progress.
- Heo, Jennie (MA) , University of Waterloo Thesis/Project Title: UX Researcher for RBC project, Master of Digital Experience Innovation. Completed.
- Davarian, Shadi (MA) , University of Waterloo Thesis/Project Title: Graphic Designer. Completed.
- Ganaba, Marim (MA) , University of Waterloo Thesis/Project Title: UX Researcher on several projects, Master of Digital Experience Innovation. Completed.
- Andrew Jian-Lian(MA) , University of Waterloo Student Degree Thesis/Project Title: Developing rapid evaluation methods for games user research. In progress, expected date: 2019/8.
- Schabler, Lukas (MA) , University of Technology Graz, Austria Thesis/Project Title: Unity Game Development. In progress.
- Bornemann, Kai (MA), Thesis/Project Title: Unity Development for Medical User Interactions, Otto-von-Guericke University Magdeburg, Germany. In progress.
- Ribeiro, Giovanni (MA), Thesis/Project Title: Games User Research Tactics and Approaches for Suspenseful Games. In progress, expected date: 2018/8.
- Schaekermann, Mike (PhD) Thesis/Project Title: Machine Learning for Physiological Data Pattern Recognition Present. In progress, expected date: 2018/7.
- Wehbe, Rina (PhD), Thesis/Project Title: Evaluating Social and Cognitive Effects of Video Games using Electroencephalography. 2012/9 -2014/5.
- Arrambide, Karina(PhD), Thesis/Project Title: Understanding player emotions in games user research .In progress.

- Alharthi, Sultan( PhD), New Mexico State University, USA Thesis/Project Title: Implementation and Evaluation of Collaboration and Planning Games. In progress.
- Castillo Torres, Ruth(PhD), Thesis/Project Title: Educational Game Development and Theories for Learning Games. In progress.
- Brich, Julia, (PhD) Thesis/Project Title: Creating motivation-adaptive games that can change their characteristics during run time to present a continually motivating experience to players. In progress.
- Rogers, Katja (PhD), Ulm University, Germany Thesis/Project Title: Immersive Qualities of Virtual Reality Horror Game Experiences. In progress.
- Mora, Alberto (PhD), Thesis/Project Title: A framework for agile design of gamification services. Completed.
- Tondello, Gustavo Fortes (PhD),Thesis/Project Title: Gamification, Personality, Personalizing Gameful Wellness Applications. In progress.
- Wehbe, Rina (PhD) ,Thesis/Project Title: Designing better feedback systems to minimize user error and improve. In progress.

**Post-doctorate**

- Mekler, Elisa Daphne, Thesis/Project Title: Stressless Gamification to Improve Workplace Health Project. Completed.
- Orji, Rita, Thesis/Project Title: Designing Personalized and Adaptive Persuasive Games to Discourage Risk Behaviours in Young People. Completed.

f) GRADUATE COURSES

- 2014 CSCI 5020G Collaborative Design and Research Course Level: Graduate
- 2014 INFR 4400U Gamification Course Level
- 2013 INFR 1330U Basic Introduction to Game Design Course Level
- 2013 CSCI 6520G Advanced Topics in Digital Media Course Level
- 2013 CSCI 5550G Affective Gaming, Human-Computer Interaction and User Experience in Interactive Entertainment Course Level

g) 1. EXTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>   | <u>Type</u> | <u>Amount per Year</u>   | <u>Purpose</u> |
|-------------|---|-------------|--|----------------|
| 2016-21     | Saskatchewan-Waterloo Games User Research, Grant, Natural Sciences and Engineering Research Council of Canada (NSERC) | C           | Total Funding - 2,650,000<br>Portion of Funding Received - 125,000 | Research       |

|         |   |   |   |          |
|---------|---|---|---|----------|
| 2017-19 | Well Played!, Grant, Movember Foundation Social Innovators Challenge Total Funding  | O | Total Funding - 200,000 Portion of Funding Received - 3,500   | Research |
| 2017-19 | SURGE – The Stratford User Research and Gameful Experiences Lab (Project No. 35819) Grant, Canada Foundation for Innovation (CFI) | F | Total Funding - 152,276 Portion of Funding Received - 152,276 | Research |
| 2016-19 | Social Sciences and Humanities Research Council of Canada (SSHRC) Partnership Development Grant                                   | C | Total Funding - 199,027 Portion of Funding Received - 65,787  | Research |
| 2016-18 | Mathematics of Information Technology and Complex Systems (MITACS)  | O | Total Funding - 240,000 Portion of Funding Received - 180,000 | Research |
| 2016-18 | Improving chronic disease management five minutes at a time grant, Canadian   | O | 30,000 Portion of Funding Received - 5,000                    | Research |



|      |  |   |   |          |
|------|--|---|---|----------|
|      | Foundation for Pharmacy  |   |   |          |
| 2017 | Studying atmospheric engagement with horror game audio, Grant, Natural Sciences and Engineering Research Council of Canada (NSERC) | C | 25,000 Portion of Funding Received - 25,000 Funding         | Research |
| 2017 | Gamification and Gameful Personal Assistants in Financial Applications, Contract, RBC Royal Bank of Canada                         | O | Total Funding - 10,000 Portion of Funding Received - 10,000 | Research |
| 2017 | Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award                           | C | Total Funding - 4,500 Portion of Funding Received - 4,500   | Research |
| 2016 | Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award                           | C | Total Funding - 4,500 Portion of Funding Received - 4,500   | Research |

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|         |  |   |   |          |
|---------|--|---|---|----------|
| 2015-16 | Natural Sciences and Engineering Research Council of Canada (NSERC)                                      | C | Total Funding - 25,000<br>Portion of Funding Received - 25,000                      | Research |
| 2015    | Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award | C | Total Funding - 4,500<br>Portion of Funding Received - 4,500                        | Research |
| 2014    | Natural Sciences and Engineering Research Council of Canada (NSERC) Engage Grant                         | C | Total Funding - 25,000<br>(Canadian dollar)<br>Portion of Funding Received - 25,000 | Research |
| 2013    | University of Ontario Institute of Technology Teaching Innovation  | O | Total Funding - 7,959<br>(Canadian dollar)<br>Portion of Funding Received - 7,959   | Research |

2. INTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>   | <u>Type</u> | <u>Amount per Year</u>   | <u>Purpose</u> |
|-------------|---|-------------|--|----------------|
| 2017-18     | University of Waterloo International Research Partnership Grant | O           | Total Funding - 20,000<br>Portion of Funding Received - 20,000 | Research       |
| 2015-18     | University of Waterloo  | O           | Total Funding - 10,000<br>Portion of Funding Received - 10,000 | Research       |

## h) PUBLICATIONS

### Lifetime count

|  |    |
|--|----|
| - Books authored.....                            | 4  |
| - Books edited.....                              | 0  |
| - Chapters in books.....                         | 6  |
| - Papers in <u>refereed</u> journal .....        | 13 |
| - Papers in refereed conference proceedings..... | 70 |
| - Technical reports.....                         | 0  |
| - Abstracts and/or papers read .....             | 0  |
| - Others (workshops presented) .....             | 1  |

### Books authored

1. Drachen A, Mirza-Babaei P, Nacke L E. Games User Research: 560. (Oxford University Press, in press)
2. Cox, A L, Cairns, P, Bernhaupt, R, Nacke, L E. Proceedings of the 2015 Annual Symposium on Computer-Human Interaction in Play (ACM, 2015).
3. Nacke, L E, Graham, T C N, Mandryk, R, Mueller, F. Proceedings of the First ACM SIGCHI Annual Symposium on Computer-Human Interaction in Play. (ACM, 2014).
4. Nacke L, Harrigan K, Randall N. Conference Proceedings of Gamification 2013: Gameful Design, Research, and Applications. (ACM, 2013).

### Chapters in books

1. Nacke L E. Introduction to biometric measures for games user research, in Drachen A, Mirza-Babaei P, Nacke L E. (eds) Games User Research. (Oxford University Press, in press) pp 1-12.
2. Mandryk R L, Nacke L E. (2016). Biometrics in Gaming and Entertainment Technologies. Mitra S, Gofman M. Biometrics in a Data Driven World: Trends, Technologies, and Challenges. (CRC Press, 2016) pp 197-229.
3. Wiemeyer J, Nacke LE, Moser C, Mueller F. Player Experience. Serious Games. (Springer International Publishing, 2016) pp 243-271.
4. Nacke L E, Wehbe\* R R, Stahlke\* S N, Nogueira\* P A. Games of the Heart and Mind: Affective Ludology and the Development of Emotionally Aware Player Experiences, in Perron B, and Schröter F. Video Games and the Mind: Essays on Cognition, Affect and Emotion. : 105-125. McFarland & Company, Inc., 2016) pp 105-125.
5. Nacke L E. Games User Research and Physiological Game Evaluation, in Bernhaupt R. Game User Experience Evaluation. (Springer Press, 2015) pp 63-86.
6. Nacke L. An Introduction to Physiological Player Metrics for Evaluating Games, in Seif El-Naser M, Drachen A, Canossa A. Game Analytics - Maximizing the Value of Player Data. (Springer-Verlag, 2013) pp 585-619.

### Papers in refereed journals

1. Nacke LE, Deterding S. The maturing of gamification research. Computers in Human Behavior. 71: 450-454, 2017.

2. Tondello G F\*, Valtchanov D, Reetz A, Wehbe R R\*, Orji R\*, Nacke L E. Towards a Trait Model of Video Game Preferences. International Journal of Human-Computer Interaction. (in press)
3. Robb J\*, Garner T, Collins K, Nacke L E. The impact of health-related user interface sounds on player experience. Simulation & Gaming. 43(3): 402-427, 2017.
4. Nacke L E. (2017). Games user research and gamification in human-computer interaction. XRDS: Crossroads, The ACM Magazine for Students - Incentives and Gamification. 24(1): 48-51, 2017.
5. Kappen\* D L, Mirza-Babaei P, Nacke L E.. Older Adults' Physical Activity and Exergames: A Systematic Review. International Journal of Human-Computer Interaction. Article accepted for publication.
6. Perry R, Drachen A, Kearney A, Kriglstein S, Nacke L E, Sifa R, Wallner G, Johnson D. Online-only friends, real-life friends or strangers? Differential associations with passion and social capital in video game play. Computers in Human Behavior. In Press.
7. Kamaleswaran R, Wehbe R R\*, Pugh E J, Nacke L E, McGregor C, James A. Collaborative Multi-Touch Clinical Handover System for the Neonatal Intensive Care Unit. Electronic Journal of Health Informatics. 9(1), 2015.
8. Nogueira P A, Torres V, Rodrigues R, Oliveira E, Nacke L E. Vanishing scares: biofeedback modulation of affective player experiences in a procedural horror game. Journal on Multimodal User Interfaces. 10(1): 31-62, 2015.
9. Christou G, Zaphiris P, Lai-Chong Law E, Hacke L, Geerts D. Designing and Evaluating Sociability in Online Video Games. Computers in Human Behavior. 2015
10. Nogueira P A, Rodrigues R, Oliveira E, Nacke L E. Modelling human emotion in interactive environments: Physiological ensemble and grounded approaches for synthetic agents. Web Intelligence . 13(3): 195-214, 2015.
11. Nacke L, Bateman C, Mandryk R. BrainHex: A Neurobiological Gamer Typology Survey. Entertainment Computing. 5(1): 55-62, 2014.
12. Rojas D, Kapralos B, Hogue A, Collins K, Nacke L, Cristancho S, Conati C, Dubrowski A. The Effect of Sound on Visual Fidelity Perception in Stereoscopic 3-D. IEEE Transactions on Cybernetics. 43(6): 1572-1583, 2013.
13. Engl S\*, Nacke LE. Contextual Influences on Mobile Player Experience—A Game User Experience Model. Entertainment Computing. 4(1): 83-91, 2013.

#### Papers in refereed conference proceedings

1. Kappen DL\*, Mirza-Babaei P, Nacke LE. (2018). Older Adults' Physical Activity Gamification: An EightWeek Study. Proceedings of the 51st Hawaii International Conference on System Sciences (HICSS), 2018. IEEE HICSS 2018, Hawaii, United States, Conference Date: 2018/1
2. Tondello GF\*, Premasukh H, Nacke LE. (2018). A Theory of Gamification Principles Through Goal-Setting Theory. Proceedings of the 51st Hawaii International Conference on System Sciences (HICSS), 2018. IEEE HICSS 2018, Hawaii, United States (1-14), Conference Date: 2018/1
3. Nacke LE, Toups ZO, Johnson D. (2017). From Joysticks to Pokémon Go: Games and Play Research in SIGCHI. Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems. ACM CHI 2017, Denver, Colorado, United States (1330-1333),

4. Nacke LE. (2017). How to Write and Review CHI Papers. Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems. ACM CHI 2017, Denver, Colorado, United States (1228-1231).
5. Tondello GF\*, Nacke LE. (2017). Using a Digital Skill Tree to Promote Self-Evaluation and Assignment Grading in Gamified Education. CHI 2018, Montreal, Canada, Conference Date: 2018/4
6. Rogers K\*, Ribeiro GS\*, Wehbe RR\*, Weber M, Nacke LE. (2017). Vanishing Importance: Studying Immersive Effects of Game Audio Perception on Player Experiences in Virtual Reality. CHI 2018, Montreal, Canada, Conference Date: 2018/4
7. Rogers K\*, Aufheimer M, Weber M, Nacke LE. (2017). Towards The Visual Design of Non-Player Characters for Narrative Roles. CHI 2018, Montreal, Canada, Conference Date: 2018/4
8. Rogers K\*, Colley M, Lehr D, Frommel J, Walch M, Nacke LE, Weber M. (2017). KickAR: Exploring Game Balancing Through Boosts and Handicaps in Augmented Reality Table Football. CHI 2018, Montreal, Canada, Conference Date: 2018/4
9. Alharthi S\*, Torres R\*, Khalaf A, Touns Z, Dolgov I, Nacke LE. (2017). Investigating the Impact of Annotation Interfaces on Player Performance and Collaborative Planning in Games. CHI 2018, Montreal, Canada, Conference Date: 2018/4
10. Orji R\*, Tondello GF\*, Nacke LE. (2017). Personalizing Persuasive Strategies in Gameful Systems to Gamification User Types. CHI 2018, Montreal, Canada, Conference Date: 2018/4
11. Hatscher B, Luz M, Nacke LE, Elkmann N, Müller V, Hansen C. (2017). GazeTap: towards hands-free interaction in the operating room. Proceedings of the 19th ACM International Conference on Multimodal Interaction. ACM International Conference on Multimodal Interaction (ICMI 2017), Glasgow, United Kingdom (243-251). ACM, United States <http://dx.doi.org/10.1145/3136755.3136759> Conference Date: 2017/11
12. Kappen DL\*, Mirza-Babaei P, Nacke LE. (2017). Gamification through the Application of Motivational Affordances for Physical Activity Technology. Proceedings of the Annual Symposium on Computer-Human Interaction in Play. ACM CHI PLAY 2017, Amsterdam, Netherlands (5-18), Conference Date: 2017/10
13. Tondello GF\*, Orji R\*, Vella K, Johnson D, van Dooren MMM, Nacke LE. (2017). Positive Gaming: Workshop on Gamification and Games for Wellbeing. Extended Abstracts Publication of the Annual Symposium on Computer-Human Interaction in Play. ACM CHI PLAY 2017, Amsterdam, Netherlands (657-660), Conference Date: 2017/10 Abstract Published
14. O'Donnell N, Kappen DL\*, Fitz-Walter Z, Deterding S, Nacke LE, Johnson D. (2017). How Multidisciplinary is Gamification Research?: Results from a Scoping Review. Extended Abstracts Publication of the Annual Symposium on Computer-Human Interaction in Play. ACM CHI PLAY 2017, Amsterdam, Netherlands (445-452), Conference Date: 2017/10 Abstract Published
15. Tondello GF\*, Mora A\*, Nacke LE. (2017). Elements of Gameful Design Emerging from User Preferences. Proceedings of the Annual Symposium on Computer-Human Interaction in Play. ACM CHI PLAY 2017, Amsterdam, Netherlands (129-142), Conference Date: 2017/10 Paper Published
16. Tondello GF\*, Wehbe RR\*, Orji R\*, Ribeiro GS\*, Nacke LE. (2017). A Framework and Taxonomy of Videogame Playing Preferences. Proceedings of the Annual Symposium on Computer-Human Interaction in Play. ACM CHI PLAY 2017, Amsterdam, Netherlands (329-340), Conference Date: 2017/10 Paper Published

17. Schaekermann M\*, Ribeiro GS\*, Wallner G, Kriglstein S, Johnson D, Drachen A, Sifa R, Nacke LE. (2017). Curiously Motivated: Profiling Curiosity with Self-Reports and Behaviour Metrics in the Game "Destiny". Proceedings of the Annual Symposium on Computer-Human Interaction in Play. ACM CHI PLAY 2017, Amsterdam, Netherlands (143-156), Conference Date: 2017/10 Paper Published
18. Georges V, Courtemanche F, Sénécal S, Léger PM, Nacke LE, Pourchon R. (2017). The Adoption of Physiological Measures as an Evaluation Tool in UX. International Conference on HCI in Business, Government, and Organizations (LNCS vol 10293). HCI International 2017, Vancouver, BC, Canada (90-98), Conference Date: 2017/7 Paper Published
19. Tondello GF\*, Orji R\*, Nacke LE. (2017). Recommender Systems for Personalized Gamification. Adjunct Publication of the 25th Conference on User Modeling, Adaptation and Personalization. ACM UMAP 2017, Bratislava, Slovakia (425-430), Conference Date: 2017/7 Abstract Published
20. Arnedo Moreno J, González CS, Mora Carreño A\*, Nacke LE. (2017). Foreword: 1st Workshop on Gamification and Games for Learning (GamiLearn'17). 1st Workshop on Gamification and Games for Learning (GamiLearn'17). GamiLearn 2017, Puerto de la Cruz, Tenerife, Spain (1-2), Conference Date: 2017/6 Abstract Published
21. Wehbe RR\*, Lank E, Nacke LE. (2017). Left Them 4 Dead: Perception of Humans versus Non-Player Character Teammates in Cooperative Gameplay. Proceedings of the 2017 Conference on Designing Interactive Systems. ACM DIS 2017, Edinburgh, United Kingdom (403-415), Conference Date: 2017/6 Paper Published
22. Stocco M\*, Ganaba M\*, Tondello GF\*, Nacke LE. (2017). Defining Gamification Video. Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems. ACM CHI 2017, Denver, Colorado, United States (472-472), Conference Date: 2017/5 Abstract Published
23. Wehbe RR\*, Mekler ED\*, Schaekermann M\*, Lank E, Nacke LE. (2017). Testing Incremental Difficulty Design in Platformer Games. Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems. ACM CHI 2017, Denver, Colorado, United States (5109-5113), Conference Date: 2017/5 Paper Published
24. Tondello GF\*, Nacke LE. (2017). Applying Gameful Design Heuristics. Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems. ACM CHI 2017, Denver, Colorado, United States (1209-1212), Conference Date: 2017/5 Abstract Published
25. Orji R\*, Nacke LE, Di Marco C. (2017). Towards personality-driven persuasive health games and gamified systems. Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems. ACM CHI 2017, Denver, Colorado, United States (1015-1027), Conference Date: 2017/5
26. Tondello GF\*, Wehbe RR\*, Nacke LE. (2016). CHI PLAYGUE: A Mobile Conference Networking Game. Proceedings of the 2016 ACM on Interactive Surfaces and Spaces. ACM ISS 2016, Niagara Falls, Canada (449-452), Conference Date: 2016/11
27. Wehbe RR\*, Watson DK, Tondello GF\*, Nacke LE. (2016). ABOVE WATER: Extending the Play Space for Health. Proceedings of the 2016 ACM on Interactive Surfaces and Spaces. ISS 2016, Niagara Falls, Canada (497-499), Conference Date: 2016/11
28. Toups ZO, Crenshaw NK, Wehbe RR\*, Tondello GF\*, Nacke LE. (2016). "The Collecting Itself Feels Good": Towards CollectionInterfaces for Digital Game Objects. Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play. The 2016 Annual Symposium on Computer-Human Interaction in Play (CHI PLAY 2016), Austin, Texas, United States (276-290), Conference Date: 2016/10

29. Tondello GF\*, Kappen DL\*, Mekler ED\*, Ganaba M\*, Nacke LE. (2016). Heuristic Evaluation for Gameful Design. Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play Companion Extended Ab. CHI PLAY 2016, Austin, Texas, United States (315-323), Conference Date: 2016/10
30. Elm D\*, Kappen DL\*, Tondello GF\*, Nacke LE. (2016). CLEVER: Gamification and Enterprise Knowledge Learning. Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play Companion Extended Ab. CHI PLAY 2016, Austin, Texas, United States (141-148), Conference Date: 2016/10
31. Elm D\*, Tondello GF\*, Kappen DL\*, Ganaba M\*, Stocco M\*, Nacke LE. (2016). CLEVER: A Trivia and Strategy Game for Enterprise Knowledge Learning (Game Competition). Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play Companion Extended Ab. CHI PLAY 2016, Austin, Texas, United States (61-66), Conference Date: 2016/10
32. Wehbe RR\*, Watson DK, Tondello GF\*, Ganaba M\*, Stocco M\*, Lee A\*, Nacke LE. (2016). ABOVE WATER: An Educational Game for Anxiety. Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play Companion Extended Ab. CHI PLAY 2016, Austin, Texas, United States (79-84), Conference Date: 2016/10
33. Tondello GF\*, Wehbe RR\*, Diamond L, Busch M, Marczewski A, Nacke L E. (2016). The Gamification User Types Hexad Scale. Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play. The 2016 Annual Symposium on Computer-Human Interaction in Play (CHI PLAY 2016), Austin, Texas, United States (229-243), Conference Date: 2016/10
34. Vanden Abeele V, Nacke LE, Mekler ED\*, Johnson D. (2016). Design and preliminary validation of the player experience inventory. Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play Companion Extended Ab. CHI PLAY 2016, Austin, Texas, United States (335-341), Conference Date: 2016/10
35. Vaddi D, Touns ZO, Dolgov I, Wehbe RR\*, Nacke LE. (2016). Investigating the Impact of Cooperative Communication Mechanics on Player Performance in Portal 2. Proceedings of Graphics Interface 2016. Graphics Interface 2016, Victoria, BC, Canada (41-48), Conference Date: 2016/6
36. Kappen DL\*, Nacke LE\*, Gerling KM, Tsotsos LE. (2016). Design Strategies for Gamified Physical Activity Applications for Older Adults. Proceedings of the 2016 49th Hawaii International Conference on System Sciences (HICSS). HICSS 2016, Hawaii, United States (1309–1318), Conference Date: 2016/1
37. Johnson D, Nacke LE, Wyeth P. (2015). All about that Base: Differing Player Experiences in Video Game Genres and the Unique Case of MOBA Games. Proceedings of CHI 2015. ACM CHI 2015, Seoul, Korea, Republic of (2265–2274), Conference Date: 2015/5
38. Nogueira P\*, Aguiar R, Rodrigues R, Oliveira E, Nacke LE. (2014). Fuzzy Affective Player Models: A Physiology-Based Hierarchical Clustering Method. AIIDE, (132-138). AAAI, Conference Date: 2014/10
39. Mirza-Babaei P\*, Nacke LE. (2014). Introducing the biometric storyboards tool for games user research. Proceedings of 2014 IEEE Games Media Entertainment. 2014 IEEE Games Media Entertainment, Toronto, Canada (1-7), Conference Date: 2014/10
40. Wehbe RR\*, Robb J\*, Clarke J, Costa J\*, Nacke LE. (2014). Design guidelines for Gamifying reading applications. Proceedings of 2014 IEEE Games Media Entertainment. 2014 IEEE Games Media Entertainment, Toronto, Canada (1-4), Conference Date: 2014/10 Abstract

41. Nacke LE, Costa J\*, Kappen DL\*, Robb J\*, Buckstein D. (2014). Developing Iconic and Semi-Iconic Game Controllers. Proceedings of the first ACM SIGCHI annual symposium on Computer-human interaction in play. CHI PLAY 2014, Toronto, Canada (435-436). ACM, Conference Date: 2014/10
42. Costa JP\*, Robb J\*, Nacke LE. (2014). Physiological acrophobia evaluation through in vivo exposure in a VR CAVE. Proceedings of 2014 IEEE Games Media Entertainment. 2014 IEEE Games Media Entertainment, Toronto, Canada (1-4), Conference Date: 2014/10
43. Johnson D, Watling C, Gardner J, Nacke L. (2014). The Edge of Glory: The Relationship Between Metacritic Scores and Player Experience. Proceedings of the first ACM SIGCHI annual symposium on Computer-human interaction in play. CHI PLAY 2014, Toronto, Canada (141-150). ACM, Conference Date: 2014/10
44. Mirza-Babaei P\*, Gale N, Costa J\*, Nacke LE, Johnson D. (2014). Understanding Expectations with Multiple Controllers in an Augmented Reality Videogame. CHI PLAY, (201-206). ACM, Conference Date: 2014/10
45. Kappen D\*, Mirza-Babaei P\*, Johannsmeier J\*, Buckstein D, Robb J\*, Nacke LE. (2014). Engaged by Boos and Cheers: The Effect of Co-Located Game Audiences on Social Player Experience. CHI PLAY, (151-160). ACM, Conference Date: 2014/10
46. Mirza-Babaei P\*, Wallner G, McAllister G, Nacke LE. (2014). Unified Visualization of Quantitative and Qualitative Playtesting Data. CHI '14 Extended Abstracts on Human Factors in Computing Systems. CHI 2014, Toronto, Canada (1363-1368). ACM, Conference Date: 2014/4
47. Nacke LE, Mirza-Babaei P\*, Seif El-Nasr M, Desurvire H, Bernhaupt R. (2014). Games and Entertainment Community SIG: Reaching Beyond CHI. CHI '14 Extended Abstracts on Human Factors in Computing Systems. CHI 2014, Toronto, Canada (1123-1126). ACM, Conference Date: 2014/4
48. Drachen A, Mirza-Babaei P\*, Nacke LE. (2014). Games User Research: Data Diversities and Complexities. CHI Workshop Player experience: mixed methods and reporting results. CHI 2014, Toronto, Canada (1-4). ACM, Conference Date: 2014/4
49. Wehbe RR\*, Zerebecki C, Khattak S, Hogue A, Nacke LE. (2014). User Research for 3D Display Settings with EEG Frontal Alpha Asymmetry. CHI Workshop Player experience: mixed methods and reporting results. CHI 2014 Workshop, Toronto, Canada (1-4). ACM, Conference Date: 2014/4
50. Zammitto V, Mirza-Babaei P\*, Livingston I, Kobayashi M, Nacke LE. (2014). Player Experience: Mixed Methods and Reporting Results. CHI '14 Extended Abstracts on Human Factors in Computing Systems. CHI 2014, Toronto, Canada (147-150). ACM, Conference Date: 2014/4
51. Costa J\*, Nacke LE. (2014). Synchronous Visualization of Video and Psychophysiological User Data. CHI (GUR Workshop), (1-3). ACM, Conference Date: 2014/4
52. Nogueira P\*, Rodrigues R, Oliveira E, Nacke LE. (2013). A Hybrid Approach at Emotional State Detection: Merging Theoretical Models of Emotion with Data-Driven Statistical Classifiers. WI-IAT 2013, (253-260). IEEE, Conference Date: 2013/11
53. Costa J\*, Wehbe R\*, Robb J\*, Nacke LE. (2013). Time's Up: Studying Leaderboards for Engaging Punctual Behaviour. Gamification, (26-33). ACM, Conference Date: 2013/10 Paper
54. Nogueira P\*, Rodrigues R, Oliveira E, Nacke LE. (2013). Guided Emotional State Regulation: Understanding and Shaping Players' Affective Experiences in Digital Games. AIIDE, (51-57). AAAI, Conference Date: 2013/10
55. Kappen D\*, Nacke LE. (2013). The Kaleidoscope of Effective Gamification: Deconstructing Gamification in Business Applications. Gamification, (119-122). ACM, Conference Date: 2013/10



56. Kappen D\*, Johannsmeier J\*, Nacke LE. (2013). Deconstructing ‘Gamified’ Task-Management Applications. *Gamification*, (139-142). ACM, Conference Date: 2013/10
57. Nogueira P\*, Rodrigues R, Oliveira E, Nacke LE. (2013). A Regression-Based Method for Lightweight Emotional State Detection in Interactive Environments. *EPIA*, (1-12). Springer-Verlag Berlin Heidelberg, Conference Date: 2013/9
58. Wehbe R\*, Nacke L. (2013). An Introduction to EEG Analysis Techniques and Brain-Computer Interfaces for Games User Researchers. *DiGRA*, (1-16). DiGRA, Conference Date: 2013/8
59. Wehbe RR\*, Kappen DL\*, Rojas D, Klauser M\*, Kapralos B, Nacke LE. (2013). EEG-Based Assessment of Video and In-Game Learning. *GRAND 2013*, (1). GRAND NCE, Conference Date: 2013/5
60. Kappen DL\*, Nacke LE. (2013). Cycloshoot: Exergaming, Heart Rate, and User Experience. *GRAND 2013*, (1). GRAND NCE, Conference Date: 2013/5
61. Mirza-Babaei P\*, Nacke LE, Gregory J\*. (2013). Introducing a Biometric Storyboards Tool for Games User Research. *CHI 2013 Workshop: Games user research: practice, methods, and applications*. CHI 2013 Workshop, Paris, France (1-6). ACM, Conference Date: 2013/4
62. Ellick W, Mirza-Babaei P\*, Wood S, Smith D, Nacke LE. (2013). Assessing User Preference of Video Game Controller Button Settings. *CHI '13 Extended Abstracts on Human Factors in Computing Systems*. CHI 2013, Paris, France (1107-1112). ACM, Conference Date: 2013/4
63. Wehbe RR\*, Nacke LE. (2013). Games User Research using EEG Techniques. *CHI Workshop Games user research: practice, methods, and applications*. CHI 2013, Paris, France (1-4). ACM, Conference Date: 2013/4
64. Mirza-Babaei P\*, Zammitto V, Niesenhaus J, Sangin M, Nacke LE. (2013). Games User Research: Practice, Methods, and Applications. *CHI '13 Extended Abstracts on Human Factors in Computing Systems*. CHI 2013, Paris, France (3219-3222). ACM, Conference Date: 2013/4
65. Wehbe RR\*, Kappen DL\*, Rojas D, Klauser M\*, Kapralos B, Nacke LE. (2013). EEG-Based Assessment of Video and In-Game Learning. *CHI '13 Extended Abstracts on Human Factors in Computing Systems*. CHI 2013, Paris, France (667-672). ACM, Conference Date: 2013/4
66. Christou G, Law E, Geerts D, Nacke LE, Zaphiris P. (2013). Designing and Evaluating Sociability in Online Video Games. *CHI '13 Extended Abstracts on Human Factors in Computing Systems*. CHI 2013, Paris, France (3239-3242). ACM, Conference Date: 2013/4
67. Mirza-Babaei P\*, Nacke LE, Gregory J\*, Collins N, Fitzpatrick G. (2013). How Does It Play Better? Exploring User Testing and Biometric Storyboards in Games User Research. *Proceedings of CHI 2013*. CHI, (1499-1508). ACM, Conference Date: 2013/4
68. Kappen DL\*, Gregory J\*, Stepchenko D\*, Wehbe RR\*, Nacke LE. (2013). Exploring Social Interaction in Co-Located Multiplayer Games. *CHI '13 Extended Abstracts on Human Factors in Computing Systems*. CHI 2013, Paris, France (1119-1124). ACM, Conference Date: 2013/4
69. Klauser M\*, Nacke LE, Prescod P. (2013). Social Player Analytics in a Facebook Health Game. *CHI (Workshop on Designing and Evaluating Sociability in Online Video Games)*, (39-45). ACM, Conference Date: 2013/4
70. Deterding S, Björk S, Nacke LE, Dixon D, Lawley E. (2013). Designing Gamification: Creating Gameful and Playful Experiences. *CHI '13 Extended Abstracts on Human Factors in Computing Systems*. CHI 2013, Paris, France (3263-3266). ACM, Conference Date: 2013/4

Date: February 2020

## **PACKALEN, Mikko**

Associate Professor, Tenured

Member of Graduate Faculty: Yes

### b) DEGREES:

PhD. Economics, Stanford University, 2006

Lic., Soc.Sci Economics, University of Helsinki, 2000

M., Soc.Sci Economics, University of Helsinki, 1997

### c) EMPLOYMENT HISTORY:

2013- Associate Professor, Department of Economics, University of Waterloo

2006-13 Assistant Professor, Department of Economics, University of Waterloo

2005 Lecturer, Department of Economics, University of Waterloo

### f) GRADUATE COURSES:

Economics of Innovation

Applied Microeconometrics

### g) GRADUATE SUPERVISION

Completed: 3 Ph.D.

In progress: 0

- Mohamad Ghaziaskar, (PhD). 2016.
- Wai Hong Choi, (PhD). 2013
- Mahdiyeh Entezarkheir (PhD). 2010

### h) 1. EXTERNAL RESEARCH FUNDING:

| <u>Year</u> | <u>Source</u>                               | <u>Type</u> | <u>Amount per year</u> | <u>Purpose</u> |
|-------------|---|-------------|------------------------|----------------|
| 2019        | Waterloo Artificial Intelligence Institute, | O           | \$38,500               | Research       |
| 2013-19     | National Institutes of Health               | O           | \$323,835              | Research       |
| 2017-19     | National Institute on Aging                 | O           | 17,500                 | Research       |
| 2013-15     | Amazon Web Services                         | O           | \$2,500                | Research       |

I) PUBLICATIONS

- Books authored .....0
- Books edited.....0
- Chapters in books..... 0
- Papers in refereed journal .....8
- Papers in refereed conference proceedings..... 0
- Technical reports.....0
- Abstracts and/or papers read .....0
- Others (workshops presented) .....0

Papers in refereed journal

1. Packalen, M. and Bhattacharya, J. Age and the Trying Out of New Ideas. Journal of Human Capital. 13(2): 341-373, 2019.
2. Packalen, M. Edge Factors: Scientific Frontier Positions of Nations. Scientometrics. 118(3): 787-808, 2019.
3. Packalen, M. and Bhattacharya, J. Neophilia Ranking of Scientific Journals. Scientometrics, , 110: 43-64, 2017.
4. Packalen, M. and Sen, A. Static and Dynamic Merger Effects: A Market Share Based Approach. International Review of Law and Economics, 36: 12-24, 2013.

Date: February 2020

## **PARKER, Thomas**

Assistant professor, Tenured

Member of Graduate Faculty: Yes

### b) DEGREES

Ph.D., Economics, University of Illinois at Urbana-Champaign, 2011

M.A., Economics, University of British Columbia, 2004

B.S., Economics, University of Illinois at Urbana-Champaign, 2003

B.A., Music, University of Illinois at Urbana-Champaign, 2003

### c) EMPLOYMENT HISTORY

2014 - Assistant Professor, University of Waterloo (tenure-track),

2012-14 Assistant Professor, University of Waterloo (definite-term)

2011-12 Visiting Assistant Professor, University of Iowa

### d) SCHOLARLY AND PROFESSIONAL ACTIVITIES

2013 Co-organizer, Annual Meeting of the Canadian Econometrics Study Group

### e) GRADUATE SUPERVISION

Completed: 1 PhD

In progress: 2 PhD

- Andrés Arcila-Vasquez (PhD) In progress
- Renfang Tian (PhD) In progress
- Mohamad Ghaziaskar (PhD) Completed 2017

### f) GRADUATE COURSES

2019 Econometrics II

2018-19 Applied Macroeconometrics

2015-16 Econometrics I

2014-16 Mathematics for Graduate Students in Economics

2015 Topics in Econometrics

2012-14 Applied Microeconometrics

### g) 1.EXTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u> | <u>Type</u> | <u>Amount</u> | <u>Purpose</u> |
|-------------|---------------|-------------|---------------|----------------|
|-------------|---------------|-------------|---------------|----------------|

|         |   |   |               |          |
|---------|---|---|---------------|----------|
| 2016-18 | Insight<br>Development<br>Grant, Social<br>Sciences and<br>Humanities<br>Research<br>Council of<br>Canada (SSHRC) | C | Not specified | Research |
|---------|---|---|---------------|----------|

h) PUBLICATIONS

|  |    |
|--|----|
| - Books authored.....                            | 0  |
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 0  |
| - Papers in <u>refereed</u> journal .....        | 4  |
| - Papers in refereed conference proceedings..... | 0  |
| - Technical reports .....                        | 0  |
| - Abstracts and/or papers read.....              | 0  |
| - Others (workshops presented).....              | 10 |

Papers in refereed journal

1. Parker, T. Asymptotic Inference for the Constrained Quantile Regression Process. Journal of Econometrics (forthcoming).
2. Parker, T. Finite Sample Distributions of the Wald, Likelihood Ratio and Lagrange Multiplier Test Statistics in the Classical Linear Model. Communications in Statistics — Theory and Methods 46: 5195-5202, 2017.
3. Parker, T. and Chen, T. Semiparametric Efficiency for Partially Linear Single-Index Regression Models . Journal of Multivariate Analysis 130: 376-386, 2014.
4. Parker, T. A Comparison of Alternative Approaches to Supremum-Norm Goodness of Fit Tests with Estimated Parameters. Econometric Theory 29: 969-1008, 2013.

Other

Recent Conference/Seminar Presentations

1. Canadian Economics Association annual conference, May/June 2019, Banff
2. New York Camp Econometrics XIV, April 2019, Clayton
3. Midwest Econometrics Group, October 2018, Madison
4. Canadian Econometrics Study Group, October 2018, Ottawa
5. BIRS workshop “Shape-Constrained Methods: Inference, Applications, and Practice”, February 2018, Banff
6. Canadian Economics Association annual conference, May/June 2017, Antigonish

7. CFE-CMStatistics, December 2016, Seville
8. Midwest Econometrics Group, October 2016, Champaign Midwest Econometrics Group, October 2015, St. Louis
9. Canadian Econometrics Study Group, September 2015, Guelph Midwest Econometrics Group, September 2014, Iowa City
10. Canadian Economics Association annual conference, May/June 2014, Vancouver

Date: February 2020

## **RIDDELL, Chris**

Associate professor, Tenured

Member of Graduate Faculty: Yes

### b) DEGREES

Ph.D., University of Toronto, 2004

M.A., McMaster University, 1997

B.A., University of British Columbia, 1996

### c) EMPLOYMENT HISTORY

2017- Associate Professor, Department of Economics, January 2017

2011-16 Associate Professor, ILR School, Cornell University, July 2011 to December 2016

2014-15 Visiting Professor, Vancouver School of Economics, University of British Columbia,

2005-11 Assistant Professor, School of Policy Studies, Queen's University, January 2005 to

2006-07 Program Director, Master of Industrial Relations Program, School of Policy Studies, Queen's University, 2006-07

### d) HONOURS

2013 John Dunlop Scholar for Outstanding Contributions to Labor and Employment Research Winner

2005 W.E. Upjohn Institute Best Dissertation Award Co-Winner

2004 Labor and Employment Relations Association Best Dissertation Award Winner

2004 Hartle Prize for Best Dissertation (University of Toronto)

### e) SCHOLARLY AND PROFESSIONAL ACTIVITIES

2015- Editor-in-Chief, Industrial Relations (UC Berkeley/Wiley)

### f) GRADUATE SUPERVISION

Completed:

In progress:

### g) GRADUATE COURSES

University of Waterloo:

Program Evaluation

Cornell University:

Empirical Methods for Industrial Relations

Applied Data Analysis for Practitioners and Consultants

Queen’s University:

Compensation

Quantitative Skills for Practitioners

Performance Measurement Skills

Executive Compensation Skills

Research Methods

Labour Economics

Human Resource Management

h) 1. EXTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>   | <u>Type</u>               | <u>Amount</u> | <u>Purpose</u> |
|-------------|---|---------------------------|---------------|----------------|
| 2018-20     | Social Sciences and Humanities Research Council of Canada (SSHRC) | Insight Development Grant | \$76,000      | Research       |
| 2008-11     | Social Sciences and Humanities Research Council of Canada (SSHRC) | Standard Research Grant   | \$66,000      | Research       |
| 2005-08     | Social Sciences and Humanities Research Council of Canada (SSHRC) | Standard Research Grant   | \$70,000      | Research       |

i) PUBLICATIONS Over

|  |    |
|--|----|
| - Books authored.....                            | 0  |
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 0  |
| - Papers in <u>refereed</u> journal .....        | 17 |
| - Papers in refereed conference proceedings..... | 0  |
| - Technical reports .....                        | 0  |
| - Abstracts and/or papers read .....             | 0  |
| - Others (workshops presented).....              | 3  |

Papers in refereed journals (Past 7 Years)



1. Chris Riddell and Craig Riddell. “Interpreting experimental evidence in the presence of post-randomization events: A Re-assessment of the Self-Sufficiency Project.” *Journal of Labor Economics*, Forthcoming
2. Chris Riddell. “Welfare-to-work and subjective well-being: Evidence from a randomized control trial.” *Canadian Journal of Economics*, In Press.
3. Michele Campolieti and Chris Riddell. “Interest arbitration and the narcotic effect: Evidence from three decades of collective bargaining in Ontario.” *British Journal of Industrial Relations*, In Press.
4. Michele Campolieti and Chris Riddell. “Does mediation-arbitration reduce arbitration rates? Evidence from a natural experiment.” *ILR Review*, In Press.
5. Dionne Pohler and Chris Riddell. “Multinationals’ compliance with employment law: An empirical assessment using administrative data from Ontario, 2004-2015.” *ILR Review*, Volume 72, pages 606-635, 2019.
6. Chris Riddell and Craig Riddell. “The pitfalls of work requirements in welfare-to-work policies: Experimental evidence on human capital accumulation in the Self-Sufficiency Project.” *Journal of Public Economics*, Volume 117, pages 39-49, 2014.
7. Chris Riddell. “Labor law and reaching a first collective agreement: Evidence from a quasi-experimental set of reforms in Ontario.” *Industrial Relations*, Volume 52, Number 3, pages 702-736, 2013.
8. Michele Campolieti and Chris Riddell. “Disability policy and the labor market: Evidence from a natural experiment in Canada, 1998-2006.” *Journal of Public Economics*, Volume 96, Number 3, pages 306-316, 2012.

#### Other

#### Recent Conference/Seminar Presentations

Date: April 2020

## **SCHWEIZER, Vanessa Jine**

Associate Professor, Tenured

Member of Graduate Faculty: Yes

### b) DEGREES

Ph.D, Engineering and Public Policy, Carnegie Mellon University, U.S.A., 2010

M.A., Environmental Studies, The Evergreen State College, U.S.A., 2007

B.A. Physics University of Nevada, Reno, U.S.A., 2001

### c) EMPLOYMENT HISTORY

- 2013- Assistant Professor, Knowledge Integration, University of Waterloo, Canada
- 2017- Visiting Researcher, Terrestrial Sciences Section, Climate and Global Dynamics Division, National Center for Atmospheric Research (NCAR), USA
- 2016- Visiting Professor, Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe Institute of Technology (KIT), Germany
- 2012-13 Postgraduate Scientist, Integrated Science Program, Climate and Global Dynamics Division, National Center for Atmospheric Research (NCAR), USA
- 2010-12 Postdoctoral Fellow, Advanced Study Program, Climate and Global Dynamics Division, 2008- International Intern-National Center for Atmospheric Research (NCAR), USA
- 2010- Postdoctoral Scholar, Department of Engineering and Public Policy, Carnegie Mellon University, USA
- 2008- Post-Graduate Intern (PhD), Oak Ridge Institute for Science and Education (ORISE) research); Office of Systems, Analyses and Planning; National Energy Technology Laboratory (NETL); USA
- 2006- International Intern (PhD research), Department of Technological and Environmental Sociology, Interdisciplinary Research Unit on Risk Governance and Sustainable Technology Development (ZIRN), University of Stuttgart, Germany
- 2005- Christine Mirzayan Science and Technology Policy Fellow, Committee on the Human Dimensions of Global Change, Division of Behavioral and Social Sciences and Education, National Research Council, The National Academies, USA

### d) HONOURS

Global Young Academy, German National Academy of Sciences Leopoldina, 2019

Honorarium, Helmholtz Alliance ENERGY-TRANS, 2016

Diamond Ranked Paper, Synthese, 2015, 2016

Best Paper of October 2012, Environmental Research Letters, 2012, 2013

3<sup>rd</sup> Place Poster, The National Academies Student Forum on Science and Technology Policy, 2008

e) SCHOLARLY AND PROFESSIONAL ACITIVITES

2019 Editor, Society and Natural Resources, period journal

2018 Volunteer consultant, Alberta Investment Management Corporation

2018 Volunteer consultant, Green Climate Fund

h) 1. EXTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>   | <u>Type</u> | <u>Amount per year</u>   | <u>Purpose</u> |
|-------------|---|-------------|--------------------------|----------------|
| 2019        | SSHRC Insight Grant (IG)  | C           | \$185,492 (under review) | Research       |
| 2019        | Ontario Ministry of Research, Innovation and Science Early Researcher Award (OMRIS ERA) | G           | \$150,000 (under review) | Research       |
| 2019        | New Frontiers in Research Fund (NFRF) – Exploration                                     | O           | \$0                      | Research       |
| 2018        | SSHRC Connection Grant  | C           | \$38,712                 | Research       |
| 2018        | SSHRC Insight Grant (IG)  | C           | \$0                      | Research       |
| 2018        | Ontario Ministry of Research, Innovation and Science Early Researcher Award (OMRIS ERA) | G           | \$0                      | Research       |
| 2018        | SSHRC Connection Grant  | C           | \$38,712                 | Research       |
| 2017        | Waterloo Institute for  | O           | \$1,000                  | Research       |

|      |   |   |           |          |
|------|---|---|-----------|----------|
|      | Complexity & Innovation (WICI) Travel Grant                 |   |           |          |
| 2017 | SSHRC Insight Grant Co                                      | C | \$0       | Research |
| 2017 | OMRIS ERA   | O | \$0       | Research |
| 2017 | WICI Travel Grant   | O | \$1,000   | Travel   |
| 2017 | Balsillie School of International Affairs (BSIA) Seed Grant | O | \$2,230   | Other    |
| 2015 | NSERC Discovery Grant                                       | C | \$145,000 | Research |
| 2015 | BSIA Workshop Grant   | O | \$12,400  | Research |
| 2015 | Society for Risk Analysis                                   | O | \$3,300   | Research |
| 2015 | UW Lois Claxton Humanities and Social Sciences Award        | O | \$5,500   | Research |
| 2014 | Gordon Research Conferences                                 | O | \$700     | Research |
| 2014 | University College London                                   | O | \$470     | Research |

## 2. INTERNAL RESEARCH FUNDING

| <u>Year</u> | <u>Source</u>                    | <u>Type</u> | <u>Amount per year</u> | <u>Purpose</u> |
|-------------|----------------------------------|-------------|------------------------|----------------|
| 2019        | UW/SSHRC Research Incentive Fund | C           | \$10,000               | Research       |

|      |   |   |         |          |
|------|---|---|---------|----------|
| 2017 | (RIF) Award<br>UW/SSHRC<br>Institutional<br>Grant | C | \$7,000 | Research |
| 2016 | UW/SSHRC<br>Institutional<br>Grant                | C | \$5,500 | Research |
| 2016 | UW/SSHRC RIF<br>Award                             | C | 8,000   | Research |
| 2014 | UW/SSHRC Seed<br>Grant (4A<br>Award)              | C | \$8,000 | Research |

## I) PUBLICATIONS

### Lifetime count

|  |    |
|--|----|
| - Books authored.....                            | 0  |
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 3  |
| - Papers in <u>refereed</u> journal .....        | 14 |
| - Papers in refereed conference proceedings..... | 4  |
| - Technical reports .....                        | 4  |
| - Abstracts and/or papers read.....              | 6  |
| - Others .....                                   | 34 |

### Chapters in books

1. \*\*Schweizer, V. Development as a determinant of climate risk, in S. Dalby and S. Horton (eds.), Global Governance and the SDGs: Perspectives across borders, boundaries and budgets (Taylor & Francis, 2019).
2. \*\*Scheele, R.\*, Kearney, N.M.\*, Kurniawan, J.H.\*, Schweizer, V.J. What Scenarios Are You Missing? Poststructuralism for Deconstructing and Reconstructing Organizational Futures, in H. Krämer and M. Wenzel (eds.) How Organizations Manage the Future: Theoretical Perspectives and Empirical Insights (Springer, 2018).
3. \*\*Schweizer, V., Cobb, S., Schroeder, W.\*, Chau, G.\*, Maibach, E. TV weathercasters and climate education in the shadow of climate change conflict, in D. Crow and M. Boycoff (eds.)

Culture, Politics and Climate Change: How information shapes our common future (Routledge , 2014).

Papers in refereed journals

1. Schweizer, V. Scenarios and Decision Support for Security and Conflict Risks in the Context of Climate Change. Current Climate Change Reports, 5, 12-23, 2019. Part of a Topical Collection on “Climate Change and Conflict,” doi:10.1007/s40641-019-00123-0
2. Schweizer, V. Decision Support: A Few Scenarios Still Do Not Fit All. Nature Climate Change, 8: 361–362, 2018.
3. Mearns, L., Bukovsky, M., Schweizer, V. Potential Value of Expert Elicitation for Determining Differential Credibility of Regional Climate Change Simulations: An Exercise with the NARCCAP co-PIs for the Southwest Monsoon Region of North America, Bulletin of the American Meteorological Society, 98: 29-35, 2017. doi:10.1175/BAMS-D-15-00019.1
4. Carlsen, H., Lempert, R., Wikman-Svahn, P., Schweizer, V. Choosing small sets of policy-relevant scenarios by combining vulnerability and diversity approaches, Environmental Modelling & Software, 84: 155-164, 2016. Virtual Special Issue on “Innovative Techniques for Quantitative Scenarios in Energy and Environmental Research,” doi:10.1016/j.envsoft.2016.06.011
5. †Guivarch, C., Rozenberg J., Schweizer, V. The diversity of socio-economic pathways and CO2 emissions scenarios: insights from the investigation of a scenarios database. Environmental Modelling & Software, 80: 336-353, 2016. Virtual Special Issue on “Innovative Techniques for Quantitative Scenarios in Energy and Environmental Research,” doi:10.1016/j.envsoft.2016.03.006
6. Schweizer, V.J. and Morgan, M.G. Bounding US Electricity Demand in 2050. Technological Forecasting & Social Change, 105: 215-223, 2016. doi:10.1016/j.techfore.2015.09.001
7. Schweizer, V.J. and Kurniawan, J.H.\* Systematically linking qualitative elements of scenarios across levels, scales, and sectors. Environmental Modelling & Software, 79: 322-333, 2016. Virtual Special Issue on “Innovative Techniques for Quantitative Scenarios in Energy and Environmental Research,” doi:10.1016/j.envsoft.2015.12.014
8. Magliocca, N.R., van Vliet, J., Brown, C., Evans, T., Houet, T., Messerli, P., Messina, J., Nicholas, K., Ornetmueller, C., Sagebiel, J., Schweizer, V., Verburg, P., Yu, Q. From meta-studies to modeling: Using synthesis knowledge to build process-based land change models. Environmental Modelling & Software, 72: 10-20, 2015.

9. Peters-Burton, E., Schweizer, V., Cobb, S., Maibach, E. Weathercaster views on informal climate education: Similarities and differences according to climate change attitudes. Journal of Geoscience Education, 62: 431-444, 2014. Special Issue on “Outcomes from Climate Literacy Efforts,” doi:10.5408/13-046.1
10. †Lloyd, E.A. and Schweizer, V.J. Objectivity and a comparison of methodological scenario approaches for climate change research. Synthese, 191: 2049-2088, 2014. doi:10.1007/s11229-013-0353-6
11. Schweizer, V.J. and O’Neill B.C. Systematic construction of global socioeconomic pathways using internally consistent element combinations. Climatic Change, 122: 431-445, 2014. Special Issue on “A Framework for the Development of New Socio-economic Scenarios for Climate Change Research,” doi:10.1007/s10584-013-0908-z
12. †Rothman, D.S., Romero-Lankao, P., Schweizer, V.J., Bee, B.A. Challenges to adaptation: A fundamental concept for a new generation of socio-economic scenarios. Climatic Change, 122: 495-507, 2014. Special Issue on “A Framework for the Development of New Socio-economic Scenarios for Climate Change Research,” doi:10.1007/s10584-0130907-0
13. van Ruijven, B.J., Levy, M., Agrawal, A., Biermann, F., Birkmann, J., Carter, T.R., Ebi, K.L., Garschagen, M., Jones, B., Jones, R., Kemp-Benedict, E., Kok, M., Kok, K., Lemos, M.C., Lucas, P.L., Orlove, B., Pachauri, S., Parris, T., Patwardhan, A., Petersen, A., Preston, B.L., Ribot, J., Rothman, D.S., Schweizer, V.J. Enhancing the relevance of global shared socio-economic pathways for climate change impacts, vulnerability and adaptation research. Climatic Change, 122: 481-494, 2014. Special Issue on “A Framework for the Development of New Socio-economic Scenarios for Climate Change Research,” doi:10.1007/s10584-013-0931-0
14. Wiek, A., Keeler, L.W., Schweizer, V., Lang, D.J. Plausibility indications in future scenarios. International Journal of Foresight and Innovation Policy, 9: 133-147, 2014. Special Issue on “Plausibility”.

#### Papers in refereed conference proceedings

1. Sharma, A.\* , Hipel, K.W., Schweizer, V. (2019) Cauvery River Dispute: Strategic insights using Graph Model for Conflict Resolution (GMCR) with Fuzzy Preferences. In: K.W. Hipel, H. Wang, L. Fang, J. Chen and Y. Xiao (Eds.), Proceedings of the 8th International Conference on Water Resources and Environment Research, 14-18 June 2019, Nanjing, China, 284-286. 2 pp.
2. Schweizer, V., Scheele, R.\* , Kosow, H. (in press) Practical Poststructuralism for Confronting Wicked Problems. In: Arabi, M., O. David, J. Carlson, D.P. Ames (Eds.), Proceedings of the 9th International Congress on Environmental Modelling and Software, 24-28 June 2018, Fort Collins, Colorado, USA, 8 pp. (Corresponding author)

3. †Guivarch, C., Schweizer, V., Rozenberg, J.\* (2014) Enhancing the policy relevance of scenarios through a dynamic analytical approach. In: Ames, D.P., N.W.T. Quinn, A.E. Rizzoli (Eds.), Proceedings of the 7th International Congress on Environmental Modelling and Software, 15-19 June 2014, San Diego, California, USA, 710-714. ISBN: 978-88-9035744-2. 4 pp.

### Abstracts

1. de Wildt, T.\* and Schweizer, V. (in press) Combining Cross-Impact Balances and Scenario Discovery to Design Adaptive Policy Pathways Supporting the Moral Acceptability of Energy Systems. In: Arabi, M., O. David, J. Carlson, D.P. Ames (Eds.), Proceedings of the 9th International Congress on Environmental Modelling and Software, June 24-28 2018, Fort Collins, Colorado, USA, 0.5 p.

2. Schweizer, V. and Bayne, L. (2016) What a Fiasco! Student resistance to failure – even in learning activities where spectacular failure was the main point. Session 204b at the 2016 OND (Opportunities and New Directions) Conference, “Learning from Challenge and Failure”, 28 April 2016, Waterloo, ON. Available at <https://uwaterloo.ca/centre-forteaching-excellence/ond-2016-session-descriptions-0>, 0.5 p.

3. Schweizer, V. International development and climate risk. 2018 Annual Meeting of the Society for Risk Analysis, “The Many Faces of Risk,” 2-6 December 2018, New Orleans. Available at: <http://birenheide.com/sra/2018AM/program/single-session.php3?sessid=T2J&order=1#1>, 0.5 p.

4. Schweizer, V. and Mitchell, R.\* (2017) Socio-economic challenges and conflict for climate scenarios for Sub-Saharan Africa. 2017 Annual Meeting of the Society for Risk Analysis, “The Profession, the Practitioners, the Research,” 10-14 December 2017, Arlington. Available at: <http://birenheide.com/sra/2017AM/program/single-session.php3?sessid=T3E&order=3#3>, 0.5 p. 3

5. Kurniawan, J.H.\* and Schweizer, V. (2017) Extending Shared Socio-economic Pathways (SSPs): Scenario Linking Strategies and Techniques. 2017 Decision-making under Deep Uncertainty workshop, 13-15 November 2017, Oxford, 35. Oxford: Society for Decision Making under Deep Uncertainty. 0.5 p. 4.

6. Schweizer, V.J. and Kurniawan, J.H.\* (2016) Managing complexity in socio-technical transitions. 2016 Annual Meeting of the Society for Risk Analysis.

### Technical reports

1. †Keisler, J.M., Collier, Z.A., Ayyub, B.M., Dempwolf, C.S., MacDonald Gibson, J., Porter, A.L., Schweizer, V.J., Thorisson, H., Wang, L., Ye, M. Modeling and Analytics to Identify Emerging



International Innovation Partnerships. Breakout Group Report for the workshop, “Signals and Metrics Identifying Partnerships for Innovation”, Washington, DC, May 2019, 18 pp.

2. †Branch-Smith, T.\* , Brown, S., Douglas, H., Minano, A., Schweizer, V. World Wide Views on Climate and Energy: Canada Report, July 2015, 8 pp.

3. Beck, M.\* and Schweizer, V. Ecological \*versus\* Environmental Economics?: Promoting Better Environmental Policy-Making. Workshop report, 5 pp, 2014.

4. Schweizer, V., Jamieson-Lane, A.\* , Barnett, N.\* , Cai, H.\* , Lehner, S., Smerlak, M., Varga, M.\* (2013) Complexity (Trans-)Science: A Project on Forecasting Social Change. Project report for the Santa Fe Institute Complex Systems Summer School, Santa Fe, NM, September 2013, 46 pp.

### Abstracts

1. Sharma, A.\* , Hipel, K.W., Schweizer, V. Cauvery River Dispute: Strategic insights using Graph Model for Conflict Resolution (GMCR) with Fuzzy Preferences. In: K.W. Hipel, H. Wang, L. Fang, J. Chen and Y. Xiao (Eds.), Proceedings of the 8th International Conference on Water Resources and Environment Research, 14-18 June 2019, Nanjing, China, 284-286. 2 pp.

2. Schweizer, V., Scheele, R.\* , Kosow, H. (in press) Practical Poststructuralism for Confronting Wicked Problems. In: Arabi, M., O. David, J. Carlson, D.P. Ames (Eds.), Proceedings of the 9th International Congress on Environmental Modelling and Software, 24-28 June 2018, Fort Collins, Colorado, USA, 8 pp.

3. †Guivarch, C., Schweizer, V., Rozenberg, J.\* Enhancing the policy relevance of scenarios through a dynamic analytical approach. In: Ames, D.P., N.W.T. Quinn, A.E. Rizzoli (Eds.), Proceedings of the 7th International Congress on Environmental Modelling and Software, 15-19 June 2014, San Diego, California, USA, 710-714. ISBN: 978-88-9035744-2. 4 pp.

4. Schweizer, V. and Bee, B. Nested scenario meta-analyses to systematically address individual and societal consequences of climate change. In: Potsdam Institute for Climate Impact Research (Ed.), Impacts World 2013, International Conference on Climate Change Effects, 27-30 May 2013, Potsdam, 573-579, <http://doi:10.2312/pik.2013.001>, 6 pp.

### Other

#### Workshops

1. Schweizer, V., Scheele, R., and Kosow, H. Practical Poststructuralism for Confronting Wicked Problems. Paper Presentation at the 9th International Congress of the Environmental Modelling & Software Society, “Modelling for Sustainable Food-Energy-Water Systems”, 28 June 2018, Fort Collins, CO

2. Schweizer, V. Scenario development and use outside the IPCC: AR6 as an opportunity to provide guidance. Invited remarks at the session, “Use of scenarios in IPCC’s 6th Assessment cycle (AR6).” Scenarios Forum 2019: Forum on Scenarios for Climate and Societal Futures, 11 March 2019, Denver.
3. Schweizer, V., Power, A.\*, Kurniawan, J.\* Scientometrics for systematic review of academic literature related to the Shared Socioeconomic Pathways. Presentation at the Scenarios Forum 2019: Forum on Scenarios for Climate and Societal Futures, 11 March 2019, Denver.
4. Schweizer, V. International development and climate risk. Presentation at the Annual Meeting of the Society for Risk Analysis, 4 December 2018, New Orleans.
5. Schweizer, V. and Kurniawan, J.\* Pathways and constraints for national lowcarbon transitions. Presentation at the Climate Change and Energy Futures Workshop, 11 October 2018, St. John’s, NL
6. Schweizer, V. Uncovering pathways for sustainability transitions: Beyond buzzwords. Presentation at the RC-24 Pre-conference to the 19th International Sociological Association World Congress, 14 July 2018, Toronto.
7. Schweizer, V., Scheele, R., and Kosow, H. Practical Poststructuralism for Confronting Wicked Problems. Paper Presentation at the 9th International Congress of the Environmental Modelling & Software Society, “Modelling for Sustainable Food-Energy-Water Systems”, 28 June 2018, Fort Collins, CO.
8. Schweizer, V. Effectively working across disciplines to address complex challenges. Keynote presentation at the Waterloo Institute for Complexity & Innovation (WICI) Workshop, “Leveraging systems approaches to improve human and planetary health”, 25-26 April 2018, Waterloo, ON.
9. Schweizer, V. and Mitchell, R.\* Socio-economic challenges and conflict for climate scenarios for Sub-Saharan Africa. Presentation at the Annual Meeting of the Society for Risk Analysis, 12 December 2017, Arlington
10. Gilmore, E., Carr, E., Shatkin, J.A., Cifuentes, L., Schweizer, V., Ekezie, W.\* Roundtable: Risk and Economic Analysis for Development. Panelist at the Annual Meeting of the Society for Risk Analysis, 12 December 2017, Arlington.
11. Schweizer, V. and Kurniawan J.H.\* Local interpretation of the Shared Socioeconomic Pathways: Scenario Linking Strategies and Techniques. Presentation at the 2017 Decision-making under Deep Uncertainty workshop, 15 November 2017, Oxford

12. Schweizer, V. Investigating resilience and transformability in human systems. Presentation at the Waterloo Institute for Complexity & Innovation (WICI) Interdisciplinary Conference on Resilience in Complex Natural and Human Systems, “Living on the Precipice”, 16 May 2017, Waterloo, ON.
13. Schweizer, V. Systematically Linked Socio-Ecological Scenarios: Support for Multi-Level Environmental Governance across Levels, Scales, and Sectors. Remarks at the Workshop “Bridging Qualitative Approaches and Quantitative Models in Scenario Analysis for Decision Making: Recent Advances and Remaining Issues” at the 8th International Congress on Environmental Modelling and Software, 13 July 2016, Toulouse
14. Schweizer, V. Linked CIB: A multi-level CIB concept. Presentation at the Workshop on Context Scenarios and Multi-Level CIB, 28-29 June 2016, Karlsruhe.
15. Schweizer, V. Benefits of multi-level CIB analysis for long term coordination of policies. Presentation at the Workshop on Context Scenarios and MultiLevel CIB, 28-29 June 2016, Karlsruhe.
16. Schweizer, V. and Bayne, L. What a Fiasco! Student resistance to failure – even in learning activities where spectacular failure was the main point. Presentation at the 2016 OND (Opportunities and New Directions) Conference, “Learning from Challenge and Failure”, 28 April 2016, Waterloo, ON
17. Schweizer, V. Enhancing multi-level environmental governance across levels, scales, and sectors through systematically linked socio-ecological scenarios. Presentation at the Workshop on Challenges and Opportunities for Governance of Socio-Ecological Systems in Comparative Perspective, 21-22 April 2016, Waterloo, ON.
18. Schweizer, V. Challenges for modeling energy futures. Presentation at the 2016 Final Conference of the Helmholtz-Alliance ENERGY-TRANS, “Future infrastructures for meeting energy demands: Towards sustainability and social compatibility”, 14-15 March 2016, Berlin.
19. Larson, B. and Schweizer, V. The Value of Scenario Planning for Conservation. Interactive session at the Nature Conservancy of Canada – Future of Conservation Conference, 26-27 January 2016, Niagara-on-the-Lake, ON.
20. Schweizer, V. Mental models for evaluating radicalization: A complex systems approach for ideological diversity and rapid ideological change. Presentation at the Annual Meeting of the Society for Risk Analysis, 7 December 2015, Arlington.
21. Guivarch C., Schweizer, V., Rozenberg, J. Uncovering Instabilities in SocioEconomic Pathways through a Dynamic Analytical Approach. Presentation at the Fourth World Congress on Risk, 19-23 July 2015, Singapore.

22. Schweizer, V. Understanding science in a social context: a potential key to diffusing denialism. Invited remarks at the Workshop on Understanding Science Denialism, 10 July 2015, Winston-Salem
23. Schweizer, V. and Lloyd, E.A. Philosophy and Conceptualizing the Human Dimensions of Climate Change. Presentation at the annual meeting of Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE), 27-28 March 2015, Detroit
24. Schweizer, V. Systematic investigation of conceptual models. Invited remarks at the Workshop on Improving the Characterization of Deep Uncertainties Surrounding Sea-Level Projections, 25 February 2015, Princeton.
25. Schweizer, V. Brief remarks on cross-impact balances for the ICP [Ideological Conflict Project]. Invited remarks at the 2014 Ideological Conflict Project Workshop, 4-5 Dec 2014, Waterloo, ON, Canada.
26. Schweizer, V. Systematic Approaches to Qualitative Scenarios. Invited presentation at the 1st International Risk Governance Council (IRGC) Workshop on Energy Transitions, 9-10 October 2014, Karlsruhe.
27. Guivarch, C., Rozenberg, J., and Schweizer, V. Studying discontinuities in socioeconomic scenarios. Presentation at the annual meeting of the NCAR Integrated Assessment Modeling Group, 21-22 June 2014, Boulder.
28. Schweizer, V. Confronting bias at the science-policy interface in the context of global environmental change. Presentation at the Second Communities of Integration Conference, Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE), 9-12 June 2014, Kitchener, ON.
29. Schweizer, V., Jamieson-Lane, A.,\* Barnett, N.,\* Cai, H.,\* Lehner, S., Smerlak, M., Varga, M.\* Toward mapping topographies of qualitative scenarios: An investigation of a comprehensive scenario set. Presentation at the 2014 workshop on Innovative techniques for Quantitative Scenarios in Energy and Environmental research (IQ SCENE), 26-27 March 2014, London
30. Schweizer, V., Parker, D., Young, A.\*, and Lutters, W. Assessing the state and future trajectory of land change science. Focus groups facilitated at the 2nd Open Science Meeting of the Global Land Project, 18-21 March 2014, Berlin.
31. Schweizer, V. What is climate change? Constructs of a global problem. Discussant at the climate change workshop hosted by the Balsillie School of International Affairs, 25-26 October 2013, Waterloo, ON

32. Schweizer, V. and Bee, B. Nested scenario meta-analyses to systematically address individual and societal consequences of climate change. Paper Presentation at the IMPACTS WORLD International Conference on Climate Change Effects, 27-30 May 2013, Potsdam.

33. Schweizer, V. A bounding analysis of future U.S. electricity demand. Presentation at the workshop hosted by the Center for Climate and Energy Decision Making on Methods to Address Uncertainty in Forecasting Future Values of Key Social, Economic and Resource Variables, 18-19 March 2013, Washington.

34. Schweizer, V., Cobb, S., Maibach, E. Conflict as barrier to climate literacy: Findings from work with broadcast meteorologists. Oral presentation at the American Geophysical Union Fall Meeting, 3-7 December 2012, San Francisco.

Date: February 2020

## **SEN, Anindya**

Full Professor, Tenured

Member of Graduate Faculty: Yes

### b) DEGREES:

Ph.D. Economics, University of Toronto, 1998

M.A., Economics, Concordia University, 1992

B.A. (Hons.), Economics, University of Delhi, 1990

### c) EMPLOYMENT HISTORY:

2012- Professor of Economics, University of Waterloo

2005-2012 Associate Professor of Economics, University of Waterloo

1999-05 Assistant Professor of Economics, University of Waterloo

1998 -99 Economist, Competition Bureau, Federal Government of Canada

### d) HONOURS:

University of Waterloo Faculty Outstanding Performance Award for contribution to Teaching & Scholarship, 2010, 2015 & 2019

University Distinguished Teaching Award, 2014

Distinguished Teacher of the Year Award, Economics Society (students), 2004

Nominee, University Distinguished Teacher of the Year Award, 2004

### e) SCHOLARLY AND PROFESSIONAL ACTIVITIES:

Journal Referee:

Journal of Political Economy, Economic Journal, National Tax Journal, Energy Journal, Energy Economics, Canadian Journal of Economics, Journal of Health Economics, Journal of Public Economics, Review of Industrial Organization, Journal of Risk and Insurance, Economic Inquiry, Social Science and Medicine, Journal of Policy Analysis and Management, Contemporary Economic Policy, Southern Economic Journal, Canadian Public Policy, Journal of Human Resources, Health Policy.

### f) GRADUATE SUPERVISION:

Completed: 6 PhD, 3 MA, 15 group Major Team Projects

In progress: 0

PhD

- Ghazal Memartoulie, (PhD) “Essays in Electricity Restructuring in Ontario”, Primary Supervisor. Summer 2018.
- Hang Gao, (PhD). “Essays in Education and Labour Economics”, Primary Supervisor. Summer 2017.
- Mohammad Ghaziasagar, (PhD) “Consumption and Savings: Evidence from the Surveys of Household Savings.” Co-Supervisor. Summer 2016.
- Behnoush Amery, (PhD) “Essays in Education, Signaling, and Consumption.” Primary Supervisor. Summer 2015.
- Wai Hong Choi, (PhD) “Essays in Retail Competition and Prices.” Primary Supervisor, Defense Date set for August 15<sup>th</sup>, 2013
- Mauricio Zelaya, (PhD) “Essays in Political Regime Transitions, Economic Growth, and Foreign Direct Investments”. Ongoing.

#### MA Major Research Paper (Economics)

- Samantha St. Amand, (MA) “The Internet and Cross-Country Trends in Sexual Crimes”. Ongoing
- Brian Stewart, (MA) “Self-Reported Happiness and Government Spending: Evidence from Pooled Cross-sections”. Ongoing.
- Josh Osika, (MA) “Health Differences between Northern and Southern Ontario”, 2014.

#### Masters of Public Service Major Group Research Paper

- Rabab Ansari Fatima, Harpreet Degan, Hanah Itner, Stephanie Rempel, Prasanthi Selvakumar, and Christie Wong, “Integrated Services - The Fiscal Viability of Co-location”, 2018.
- Martin Asling, Jawid Hasan, Chris Hong, Masud Kabir, Cody LeBlanc, and Shirqille Tisi, “The Implications of Inclusionary Zoning on Housing Affordability in the Greater Toronto Area (GTA)”, 2018.
- Naomi Codrean, Aleksandr Eng, Adam Harding, Jessica Loughrin, Nico McGowan, Francesco Vergari, “Sugar Sweetened Beverage and Consumption Reduction Strategies”, 2018.
- Fowzi Hersi, Ashanth Sivakumar, Raj Sohal, Aghil Aji, and Jason Heo, “Kinder Surprise A Policy Analysis on Trans Mountain Expansion Project for National Decision Makers”, 2017.
- Lana Nolan-Bolton, Harpreet Rai, Ritu Brar, Beverly Leung, and Ali Duncan, “‘Granting’ Free Tuition: Analyzing the 2017-2018 Ontario Student Grant Changes”, 2017.
- Ron Mustafa, Matt Douglas, Matt Kurtcu, Scott McGeown, and Rob Saavedra, “A Cost-Benefit Analysis: Tory Tolls - Examining Road-Tolls on the DVP and Gardiner Expressway”, 2017.
- Michelle D’Sa, Curtis Hoff, Carleigh Jackson, and Sean Peterson, “Too Much Cheddar? An Analysis of the Impact of CETA on the Canadian Dairy Industry Team Members”, 2016.

- Edward Cabrera, Keegan Filion, Jordan Hughes, Nick Petroff, Jerry Tong, “Ontario’s Global Adjustment and the Impacts of Renewable Energy Initiatives: What Goes Up, Must Come Down”, 2016.
- Julia Ali, Trevor Anderson, Michelle Sandler, and Skyler M. Warren, “Lessons for Ontario’s Proposed Cap and Trade Program”, 2016.
- Deidre Beintema, Tara Bucholtz, Nicci Frantz & Whitney Philippi, “The Buck Stops Where: A Report on the Canada-U.S. Price Gap”, 2015.
- George Boshnakis, Daniel Hann, Bradley Merklinger, Henry Wong “A Collision Course in Fairness: Ontario’s Auto Insurance System”, 2015.
- Khanh Dang, Joshua Murray, Aishah Butt, and John Johnston “Smart Growth Implementation”, 2014.
- Zenia Ferreira, Alexa Maxwell, Elizabeth Philips, Julia Turkheim, Jessie Xiong, “The Canadian Skills Gap”, 2014.
- Tracy Suerich, Wang Weigang, Irfan Gova, and Ashish Sharma, “Old Age Security in Canada”, 2013.
- Thomas Barakat, Mir Islam, Andrea Peebles, Daniel Prelipcean, Jianming Yao, “International Education and Skilled Immigration in Canada: A Comparative Approach”, 2013.

h) 1. EXTERNAL RESEARCH FUNDING:

| <u>Year</u> | <u>Source</u>                               | <u>Type</u>   | <u>Amount</u> | <u>Purpose</u> |
|-------------|---|---------------|---------------|----------------|
| 2020-23     | CIHR  | Cannabis Team | \$420,000     | Research       |
| 2019-20     | Research Grant from the Premise Corporation | Grant         |               |                |
| 2016-19     | SSHRC Insight Development Grant             | C             | \$44,850      | Research       |
| 2014-17     | SSHRC Partnership Development Grant         | C             | \$200,000     | Research       |

i) PUBLICATIONS:

|  |    |
|--|----|
| - Books authored.....                            | 0  |
| - Books edited .....                             | 0  |
| - Chapters in books .....                        | 0  |
| - Papers in <u>refereed</u> journal .....        | 29 |
| - Papers in refereed conference proceedings..... | 0  |



|                                      |   |
|--------------------------------------|---|
| - Technical reports .....            | 4 |
| - Abstracts and/or papers read ..... | 0 |
| - Others (workshops presented) ..... | 3 |

Papers in refereed journals (Past 7 Years):

1. Sen, A. and Entezarkheir, M. Market Value, Market Share, and Mergers: Evidence from a Panel of U.S. Firms. Managerial and Decision Economics. 39(4): 498-511, 2018.
2. Sen, A. and Rybczynski, K. Employment Effects of the Minimum Wage: Panel Data Evidence from Canadian Provinces. Contemporary Economic Policy. 36(1): 116-135, 2018.
3. Sen, A. Peak Power Problems: How Ontario’s Industrial Electricity Pricing System Hurts Consumers. The Electricity Journal. 30(1): 62–67, 2017.
4. Chen, Z., Rus, H.A., and Sen, A. Border Effects Before and After 9/11: Panel Data Evidence Across Industries. The World Economy. 39(10), pp. 1455–1672, 2016.
5. Sen, A. Is Retail Alcohol Deregulation Correlated with more Crime and Traffic Injuries? Evidence from Canadian Provinces. Canadian Journal of Criminal Justice. 58(2): 251-286, 2016.
6. Sen, A., Orlov, G. and Curry, P. Estimating the effects of more police officers on crime: cross-province and time-series evidence from Canada. Canadian Journal of Economics. 49(2): 481-514, 2016.
7. Bauer, A. M., Macnaughton, A., and Sen, A. Income Splitting and Anti-Avoidance Legislation: Evidence from the Canadian 'Kiddie Tax'. International Tax and Public Finance. 22(6): 909-931, 2015.
8. Sen, A., Ariizumi H., and De Sousa, N. How Do We Reward Ourselves? Evidence on the Returns to Publications. Canadian Public Policy. 40(1): 1-14, 2014.
9. Packelen, M., and Sen, A. Static and Dynamic Merger Effects: A Market Share Based Empirical Analysis. International Review of Law and Economics, 36(1): 12–24, 2013.
10. Sen, A. and Ariizumi, H. Teen Families, Welfare Transfers, and the Minimum Wage: Evidence from Canada. Canadian Journal of Economics. 46(1): 338-360, 2013.

Technical Reports:

1. Sen, A. and Wyonch. R. (2018), Cannabis Countdown: Estimating the Size of Illegal Markets and Lost Tax Revenue Post-Legalization, available at <https://www.cdhowe.org/public-policy->

[research/cannabis-countdown-estimating-size-illegal-markets-and-lost-tax-revenue-post-legalization.](#)

2.Sen, Anindya (2017), “Smokes, Smugglers and Lost Tax Revenues: How Governments Should Respond”, available at <https://www.cdhowe.org/public-policy-research/smokes-smugglers-and-lost-tax-revenues-how-governments-should-respond>.

3.Sen, Anindya (2016) “The Increasing Costs of Apathy towards Marijuana Legalization”, available at <https://www.cdhowe.org/intelligence-memos/anindya-sen-increasing-costs-apathy-towards-marijuana-legalization>.

4.Sen, Anindya (2016), “Joint Venture: A Blueprint for Federal and Provincial Marijuana Policy”, available at <https://www.cdhowe.org/our-people/anindya-sen>

Date: February 2020

## **WHITSON, Jennifer**

Assistant Professor

Member of Graduate Faculty: Yes

### **B) DEGREES**

Ph.D., Sociology, Carleton University, 2013

Master of Arts, Sociology, University of Alberta, 2006

Bachelor of Arts, Criminology, University of Alberta, 2004

### **C) EMPLOYMENT HISTORY**

2014/12 Assistant Professor in Digital Media, Department of Sociology and Legal Studies, Waterloo Arts, University of Waterloo

2011/9 - 2011/12 Contract Instructor, Communications, School of Journalism and Communications, Carleton University

1999/6 - 2003/7 Lawyer's Aide, Wallace Law Office Part-time, Lecturer

### **D) HONOURS**

2014/9 - 2015/3 Young Network Investigator Award, Graphics Animation and New Media Networks of Centres of Excellence - \$5,000, Social Sciences and Humanities Research Council of Canada (SSHRC) Prize / Award

2013/5 Top Paper, Canadian Game Studies Association Conference Canadian Game Studies Association Distinction

2013/4 Surveillance Studies Network Annual Paper Prize – 177 Surveillance Studies Network Prize / Award

2012/11 - 2013/10 Faculty of Arts and Science Postdoctoral Fellowship Top-Up Award - \$5,000. Concordia University Prize / Award

2012/10 Top Paper, Meaningful Play Conference Michigan State University Distinction

2012/5 Graduate Student Open Access Award - \$1,000, Carleton University Prize / Award

### **E) SCHOLARLY AND PROFESSIONAL ACTIVITIES**

#### **Event Administration**

Co-Organizer, CHI 2015 Workshop Gamifying Research: Strategies, Opportunities, Challenges, Ethics, Workshop, 2015/4 - 2015/4  
Organizer, Technoculture Arts and Games Weekly Summer Speaker Series, Seminar, 2014/7 - 2014/8  
Director, Critical Hit Summer Games Incubator at Concordia University, Workshop, 2014/6 - 2014/8  
Co-Organizer, Indie Interfaces International Symposium, Conference, 2017/9 - 2017/9

### **Editorial Activities**

2016/11 Editorial Board, Surveillance & Society  
2016/11 Associate Editor, Surveillance & Society  
2015/11 Faculty Advisor, Legal Studies Undergraduate Journal  
(<http://openjournals.uwaterloo.ca/index.php/LSUJ>)  
2015/4 Faculty Advisor, First Person Scholar (<http://www.firstpersonscholar.com/>)  
2013/9 - 2014/7 Guest Editor, Special Issue on Games, Play and Surveillance, Surveillance & Society

### **F) GRADUATE SUPERVISION**

Completed: 1 M.A.  
In Progress: 2 Doctoral  
Principal Supervisor Matthew Perks  
Student Degree Expected Date: 2022/9, University of Waterloo

Principal Supervisor Pierson Browne (In Progress)  
Student Degree Expected Date: 2019/12

### **G) GRADUATE COURSES**

#### **Graduate Courses**

2017/9            Sociology 701: Sociology of Digital Media

### **H) EXTERNAL RESEARCH FUNDING**

2015/9 - 2020/8    Co-Applicant, “Re-figuring Innovation in Games”, Social Sciences and Humanities Research Council of Canada (SSHRC) Partnership Grant, Total Funding - \$2,498,116

2017/6 - 2019/5 Principal Applicant, “Technology, Surveillance and Selective Exposure: The paradox of social media and queer activism”, Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grant, Total Funding -

\$54,199

2016/9 - 2018/8 Co-applicant, “Indie Interfaces: Examining independent game development support networks”, Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grant, Total Funding - \$74,412

## I) PUBLICATIONS

Lifetime count

|  |   |
|--|---|
| - Books authored.....                            | 0 |
| - Books edited .....                             | 0 |
| - Chapters in books .....                        | 3 |
| - Papers in <u>refereed</u> journal .....        | 6 |
| - Papers in refereed conference proceedings..... | 3 |
| - Technical reports .....                        | 0 |
| - Abstracts and/or papers read .....             | 0 |
| - Others .....                                   | 0 |

### Journal Articles

9. Parker F, Whitson J, Simon B. (2017). Megaboost: The cultural intermediation of indie games. *New Media & Society*.
10. Whitson J, Simon B, Parker F.(2017). Sustainable Cultural Production: Precarity and relational labour in indie game development. *European Journal of Cultural Studies*. Revision Requested
11. Whitson J. (2017). Voodoo Software and Boundary Objects in Game Development: How game developers collaborate and conflict with game engines and art tools. *New Media & Society*.
12. Whitson J. (2017). What Can we Learn from Studio Studies Ethnographies? A 'messy' account of game development materiality, learning, and expertise. *Games and Culture*.
13. Whitson J, Simon B. (2014). Game Studies meets Surveillance Studies at the Edge of Digital Culture: An introduction to a special issue on Surveillance, Games and Play. *Surveillance & Society*. 12(3): 309-319.
14. Whitson J. (2013). Gaming the Quantified Self. *Surveillance & Society*. 11(1/2): 163-176.
15. Dormann C, Whitson J, Neuvian M. (2013). Once More With Feeling: Design patterns for affective play. *Games & Culture*. 8(4): 215-237.

16. Whitson J. (2013). The Console Ship is Sinking and What this Means for Indies. The Journal of the Canadian Game Studies Association. 7(11): 123-130.
17. Whitson J, Simon B. (2014). Special Issue on Surveillance, Games & Play. Surveillance & Society. 161.

#### Book Chapters

1. Whitson J, French M.(2018). Productive Play in the Ludic Century: Games, gambling and the shift from responsible consumption to responsible production. Kairouz S, Reynolds J, French M. The Convergence of Gaming and Gambling. : 1-25, Routledge.
2. Whitson J, Haggerty K. (2015). Stolen Identities (Reprint). Savirimuthu J. Ashgate Library of Essays on Law and Privacy. (3): 355-356, Ashgate.
3. Whitson, J. (2015). Foucault's Fitbit: Governance and Gamification. Deterding S, Walz S. The Gameful World. : 340-358, Published, MIT Press.

#### Conference Publications

1. (2015). Gamifying Research: Strategies, Opportunities, Challenges. CHI 2015: Proceedings of the 33<sup>rd</sup> Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems (2421-2424).
2. (2013). Strategies and Tactics for Promoting Indie Game Design. resistance + appropriation: Internet Research 14.0.
3. (2013). Whether to Play or Preserve the Past?: Creating The Forgotten Worker Quest. Foundations of Digital Games (298-305). ACM Digital Proceedings

Date: March 2020