

JOHN SIMPSON, PhD

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PRIMARY ROLE **Postdoctoral Fellow**



TEXT MIN
ING & VISU
ALIZATION
FOR LITERA
RY HISTORY

SSHRC-CRSH MCRI
PI: Ray Siemens

SSHRC-CRSH SRG
PI: Susan Brown

This is a research intensive postdoctoral fellowship focusing on developing semantic web expertise and prototyping tools capable of assisting academics in consuming and curating the new data made available by digital environments.

ADDITIONAL ROLES CSDH-SCHN, Member at Large Co-Chair, Minimal Computing, GO::DH
DHSI Lead, Basic Programming Chair, Campus Outreach Network
University Instructor (30 classes)

EDUCATION **Ph.D., Philosophy**, University of Alberta June 2010
Simulating Strategic Rationality. Argues that full information and pure economic rationality are detrimental to the performance of game playing agents under conditions that closely parallel human psychology and social environments. Custom programming was done in C++ using OpenMP to generate large agent-based simulation environments. Supervised by Professor Adam Morton.

M.A., Philosophy, University of Waterloo June 2002

Hons. B.A., Philosophy & Economics, University of Waterloo June 2000
International Trade Studies Specialization

AREAS OF **Specialization** **Competence**
Digital Humanities Social-Political Philosophy
Philosophy of Science & Computing Philosophy for Children
Decision and Game Theory Logic

REFEREED
PUBLICATIONS

Simpson, J. (Final Review). Inference and Linking on the Humanists Semantic Web. *Scholarly and Research Communication*.

Saklofske, J., J. Sayers, N. Belojevic, A. Christie, S. Sapach, J. Simpson and the INKE Research Team (Forthcoming). Gaming the Edition: Modelling Digital Scholarly Editions within Videogame Frameworks. *Digital Studies*.

Simpson, J., G. Rockwell, R. Chartier, S. Sinclair, S. Brown, A. Dyrbye, and K. Uszkalo (2013). Text Mining Tools in the Humanities: An Analysis Framework. *Journal of Digital Humanities*, 2(3). <http://bit.ly/1bVlq6Z>

Brown, S. and J. Simpson (2013). The curious identity of Michael Field and its implications for humanities research with the semantic web, *Big Data, 2013 IEEE International Conference on*, pp.77,85, 6-9 Oct. 2013. doi: 10.1109/BigData.2013.6691674

Simpson, J. and S. Brown (2013). From XML to RDF in the Orlando Project, *Culture and Computing (Culture Computing), 2013 International Conference on*, pp.194,195, 16-18 Sept. doi: 10.1109/CultureComputing.2013.61

Simpson, J. (2013). Creating Engaging Philosophy Summer Camps. *Philosophy in Schools: An Introduction for Philosophers and Teachers*, Chapter 5. S. Goering, T. Wartenberg, and N. Shudak, eds. Routledge.

Grüne-Yanoff, T., S. Rupy, J. Simpson, P. Weirich (2011). Philosophical and Epistemological Issues in Simulation and Gaming. *Simulation & Gaming*, 42(2), 151-152.

Simpson, J. (2011). Identity Crisis: Simulations & Models. *Simulation & Gaming*, 42(2), 195-211.

Heyes, C., D. Kahane, J. Simpson, et al (2003). Always Ask “Why?”: Teaching Philosophy 101—The ‘Supersection’ Experience at the University of Alberta. *Journal of the Society for Teaching and Learning in Higher Education*.

PAPERS IN
PREPARATION

Revealing Ontology Use on the Semantic Web

The Emergence of Linked Data in the Humanities

REFEREED
PRESENTATIONS

Montague, J., G. Rockwell, S. Ruecker, S. Sinclair, S. Brown, R. Chartier, L. Frizzera, and J. Simpson (July 2014). Seeing the Trees and Understanding the Forest, *Digital Humanities Annual Conference (DH2014)*, Lausanne, Switzerland.

Simpson, J. (July 2014). Workshop: Kickstarting the GO::DH Minimal Computing Working Group, *Digital Humanities Annual Conference (DH2014)*, Lausanne, Switzerland.

Simpson, J. and J. Taylor (June 2014) Mirco Discussions as Philosophy, *North American Association for the Community of Inquiry Bi-Annual Conference*, Laval University.

Martin, K. and J. Simpson (June 2014). Serendipity Nouveau. *Digital Humanities Summer Institute*, University of Victoria.

Simpson, J., J. Smith-Elford and S. Brown (May 2014). Visualization as a Hermeneutics. *Canadian Society for Digital Humanities Annual Conference*, Brock University.

Simpson, J., G. Rockwell and S. Sinclair (May 2014). The Epidemiology of Ideas. *Canadian Society for Digital Humanities Annual Conference*, Brock University.

Simpson, J., G. Rockwell, R. Chartier and A. Dyrbye (May 2014). The Rise and Fall of Tools in *CHum*. *Canadian Society for Digital Humanities Annual Conference*, Brock University.

Brown, S., R. Knechtel and J. Simpson (February 2014). Cultures of Scholarship: Iteration, Recursion, and Versions in Scholarly Collaboration Environments. INKE, *Building Partnerships to Transform Scholarly Publishing*. Whistler, British Columbia.

Simpson, J. and S. Brown (February 2014). Inference and Linking on the Humanists Semantic Web. INKE, *Building Partnerships to Transform Scholarly Publishing*. Whistler, British Columbia.

Knechtel, R., S. Brown, and J. Simpson (February 2014). Cultures of Scholarship: Iteration, Recursion, and Versions in Scholarly Collaboration Environments. *Building Partnerships to Transform Scholarly Publishing*. Whistler, British Columbia.

Brown, S., and J. Simpson (September 2013). The Curious Identity of Michael Field and its Implications for Humanities Research with the Semantic Web. *IEEE, Big Data 2013, Humanities and Big Data Workshop*. Santa Clara, California.

Simpson, J. (September 2013). Reading what others read: Methods and consequences of mining annotations and scraping social media for what to read. *INKE Birds of a Feather 2013*. New York, New York.

Simpson, J., and S. Brown (September 2013). From XML to RDF in the Orlando Project. *IEEE, International Conference on Culture and Computing*. Kyoto, Japan.

Simpson, J., S. Brown, and L. Goddard (July 2013). A Humanist Perspective on Building Ontologies in Theory and Practice. *Digital Humanities Annual Conference (DH2013)*, Lincoln, Nebraska.

Simpson, J., G. Rockwell, R. Chartier, S. Sinclair, S. Brown, A. Dyrbye, and K. Uszkalo (July 2013). Text Mining Tools in the Humanities: An Analysis Framework. *Digital Humanities Annual Conference (DH2013)*, Lincoln, Nebraska. Poster.

Simpson, J. (June 2013). Getting LODed with Orlando: Linked Open Data and the Orlando Project. *Digital Humanities Summer Institute*, Victoria.

Simpson, J., and L. Saxinger (June 2013). The Health of Machines: Coming Changes in Medicine. *Canadian Society for Digital Humanities Annual Conference*, Victoria.

Sayers, J, S. Brown, J. Simpson, H. Quamen, A. Barclay, A. Christie, and the INKE Research Group (June 2013). The Key to All Ontologies?: The Long Now of Linked Data. *Canadian Society for Digital Humanities Annual Conference*, Victoria.

Rockwell, G., J. Simpson, S. Sinclair, R. Wilson, R. Charter, A. Dyrbye, and M. Radzikowska, L. Given, S. Ruecker, and E. Stroulia (June 2013). Just What Do They Do? On the uses of Text Analysis in the Humanities. *Canadian Society for Digital Humanities Annual Conference*, Victoria.

Sayers, J, S. Brown, J. Simpson, H. Quamen, A. Barclay, A. Christie, L. Goddard, J. Saklofske, M. Elliott, and the INKE Research Group (April 2013). The Key to All Ontologies?: The Long Now of Linked Data. *Humanities, Arts, Science, and Technology Advanced Collaboratory (HASTAC) Annual Conference*, Toronto.

Brown, S., H. Quamen, J. Simpson, J. Bath, L. Goddard, J. Saklofske, J. Sayers, A. Barclay, A. Christie, M. Elliott, and the INKE Research Group (November 2012). E/Merging Models for the Production of Online Research through Linked Data. *Research Foundations for Understanding Books and Reading in the Digital Age: E/Merging Reading, Writing, and Research Practices*, Havana, Cuba.

Simpson, J. (June 2012). The Challenge of Antifoundational Community Service-Learning. *Society for Teaching and Learning in Higher Education Annual Conference*, Montreal.

Rockwell, G., S. Sinclair, J. Simpson, K. Uszkalo, K. Ranaweera, K. Anvik, L. Goddard, A. Dyrbye, and M. Radzikowska (May 2012). TAPoR 2.0: Redesigning Around tapor.ca. *Society for Digital Humanities Annual Conference*, Waterloo, Ontario.

Simpson, J. (May 2012). Turning Community Service-Learning on its Head. *Canadian Association for Community Service Learning Annual Conference*, Saskatoon, Saskatchewan.

Simpson, J. (May 2011). Making Space for Playful Simulations in Science. *Canadian Philosophical Association Annual Conference*, St. John, New Brunswick.

Simpson, J. (May 2011). Overcoming the (near) Fetishization of a Small Group of 2x2 Games. *Canadian Economics Association Annual Conference*, Ottawa.

Simpson, J. (April 2011). Philosophy without Books: An Activity Based Approach to Engaging Children in Philosophy. *American Philosophical Association*, San Diego.

Simpson, J. (October 2010). Simulating Status Quo Reasoning: A Useful Mistake. *Western Canadian Philosophical Association (WCPA) Annual Meeting*, Calgary.

Simpson, J. (August 2010). Learning Philosophy from the the Original Philosophers: Children. *Taking Teaching to the Edges and Beyond*, Edmonton, Alberta.

Simpson, J. (June 2007). Pursuing Praxis in the Humanities: Expanding Active-Learning Beyond the Classroom via Community Service-Learning. *Society for Teaching and Learning in Higher Education Conference*, Edmonton, Alberta.

Simpson, J. (May 2007). Counting Sunk Costs is Not an Error: Recasting an Old Fallacy as a New Heuristic. *Society for Exact Philosophy Annual Conference*, Vancouver.

Simpson, J. (June 2006). Simulations are not Models. *Models and Simulations Conference*, Centre for Philosophy of Natural and Social Science, London School of Economics: Paris.

Heyes, C., Kahane, D., Simpson, et. al. (June 2003). Teaching Philosophy 101—The Supersection Experience at the University of Alberta. *Plenary for the Society for Teaching and Learning in Higher Education Conference*, Vancouver.

Simpson, J. (March 2002). An Investigation into Equality in *A Theory of Justice*. *University of Waterloo Graduate Student Conference* Waterloo, Ontario.

INVITED

PRESENTATIONS

Brown, S. and J. Simpson (June 2014). Birds of a Feather: If the digital humanities is successful it will disappear. *Digital Humanities Summer Institute*, University of Victoria.

Simpson, J., R. Wilson and J. Taylor (June 2012). Building Undergraduate Communities of Inquiry in Philosophy, Education, and Schools. *North American Association for the Community of Inquiry Bi-Annual Conference*, Vancouver.

Simpson, J. (November 2010). Cyborg's and Strong AI - Philosophical Conundrums. *Machine Learning Conferences, ABCtech Society and the Alberta ICT Council*, Southern Alberta Institute of Technology, Calgary.

Simpson, J. (June 2010). Off-loading Intelligence - When Machines Decide. Panel Member, *ABCtech Society and the Alberta ICT Council*, University of Alberta, Edmonton.

Simpson, J. (April 2009). University Teaching Services: Student Assessment Panel. Panel Member: University of Alberta.

Simpson, J. (December 2007). Using Community Service Learning in Philosophy Classes. Department of Philosophy Professional Development Speakers Series, University of Alberta, Edmonton.

Simpson, J. (August 2007). Enhancing the Community Service-Learning Experience for Both Instructors and Students. *Introduction to Community Service Learning Workshop*, University of Alberta, Edmonton.

Kahane, D., Simpson, J., and Armontrout-Spencer, L. (October 2006). Successful Team Teaching. *University of Alberta Teaching Services Series*, Edmonton.

HONOURS AND AWARDS

Teaching & Learning Enhancement Fund, “Evaluating the Long Term Student Outcomes of CSL Participation,” University of Alberta, 2013-2014

Teaching & Learning Enhancement Fund, “Building Collaborative Communities for Critical Inquiry,” University of Alberta, 2011-2013

Community Service-Learning Innovation Grant, University of Alberta, 2007 & 2010
Graduate Student Teaching Award, Faculty of Arts, University of Alberta, 2006

Doctoral Fellowship, Canada Social Sciences and Humanities Research Council, 2004-2006

Walter H Johns Graduate Fellowship, University of Alberta, 2004 & 2005

Alan Blizzard Award for Collaborative Projects that Improve Student Learning, Society for Teaching and Learning in Higher Education, 2003

Teaching Excellence Award, University of Alberta, 2003

Ph. D. Scholarship, University of Alberta, 2002 & 2003

Graduate Entrance Scholarship, University of Waterloo, 2001

Department of Philosophy Undergraduate Award, University of Waterloo, 2002

Dixon Scholarship in International Trade, University of Waterloo, 1998

TEACHING EXPERIENCE

DHSI 2014, Intro to Programming.

Principal Instructor, University of Alberta **2006-Present**

30 classes across a range of topics, taught in an active style with a hands-on emphasis.

Humanities Computing

530: Project Design and Management in Humanities Computing, Winter 2014

Community Service Learning

300: Community Service-Learning Theory & Practice, Winter 2012

Philosophy

101: Values & Society, 250 students, 2009

101: Values & Society–P4C Variant, 30 students, 2012, 2011, 2010x2, & 2009

102: Knowledge & Reality–P4C Variant, 30 students, 2012

120: Introduction to Symbolic Logic, 40-100 students, 2010, & 2008

265: Philosophy of Science, 30 students, 2007, & 2006

325: Risk, Choice & Rationality, 20-80 students, 2011, 2008, 2007x2, 2005, & 2004
365: Philosophy of Computing, 40 students, 2010
366: Computers and Culture, 40 students, 2015, 2013x2, 2011, & 2010
375: Science & Society, 40 students, 2014, 2012, 2011, & 2007

Teaching Assistant, University of Alberta **2002-2005**

101: Society & Values, 2002
102: Knowledge & Reality, 2004
325: Risk, Choice & Rationality, 2004 (volunteer)
382: Philosophy of Law, 2005 (volunteer)

Principal Instructor, University of Waterloo **2002**

Philosophy

100: Knowledge & Reality, 25 students, 2002

OTHER
RELEVANT
LEADERSHIP,
ADMIN, AND
TECHNICAL
ROLES

Chair, Campus Outreach Network **April 2011-Present**

The campus outreach network is an informal consortium of the various campus groups that interact with the surrounding community. We meet three times a year for 90 minutes to exchange information on our activities and to coordinate with the university around various initiatives. The small amount of organization that goes into this practice has paid big dividends in terms of promoting cooperation between the numerous groups in attendance and in helping the university draft policy that governs outreach activities.

Director, EurekaCamp **2009-2013**

EurekaCamp is a series of week-long summer day camps. This non-profit program targets children ages 5-14 and is sponsored by Philosophy for Children Alberta. Developed in a collaboration between students and professional educators, each camp is designed to get children excited about learning by prompting questions through activity, play, and facilitated discussion. During my five years as camp director I have grown the camp from a 25 camper pilot to a program with 250 campers in summer 2013 with programs that interweave writing, science, performance art, medicine, engineering, literature, and philosophy. More information is available at p4c.ualberta.ca/eurekaCamp.

Programmer, Old Bailey Digging Into Data Project November 2010-May 2012

In conjunction with the With Criminal Intent Project (criminalintent.org) and the Digging Into Data Challenge (www.diggingintodata.org) I built a prototype analysis tool that allows researchers to quickly plot complicated time series information from the Old Bailey Online Project. Development included the addition of dynamic graphs, keyword searches and statistics, and a front end redesign. These tools were built with python, javascript, and SQLite. The tool can be accessed at ra.tapor.ualberta.ca/~digging2data/. It is currently being repurposed to provide similar visualizations for the Orlando Project (www.arts.ualberta.ca/orlando/).

**Program Coordinator & Trust Academic, Philosophy for Children Alberta
2008-2012**

I oversaw all aspects of the development of this program in partnership with program director Professor Rob Wilson. This included developing contacts, liaising with schools, building teacher training programs (including a philosopher in residence program), website development and deployment (p4c.ualberta.ca/), and coordinating grants and other funding.

Online Learning Administrator, Department of Philosophy 2008-2011

Ongoing maintenance and development of the front end components of the online learning system used by the department (Moodle). Training and troubleshooting for both instructors and students. Before the University of Alberta centralized its Moodle accounts I provided moodle administration and access to members of 5 departments, hosting approximately 2000 students.

**Program Administrator, What Sorts of People Should There Be? 2008-
July 2010**

I assisted in the preparation of various grant proposals, including a successful application for a \$3 million Community-University Research Alliance SSHRC-CRSH grant. I also designed the website to promote and support this research network and facilitated various public events and speaking engagements.

PHILOSOPHY
FOR CHILDREN
TRAINING &
DEVELOPMENT

Principal Trainer, Greater Edmonton Teachers Convention Association of Alberta Conference, 2011 & 2012

Discussion Facilitator, Alberta Teacher's Association Reading Group, *Big Ideas for Little Kids*, October & November 2010

Philosopher in Residence, Leo Nickerson School, Grades 1-5, September 20-29, 2010

Philosopher in Residence, Indus School, Grades 1-7, May 17-20, 2010

Principal Trainer, Edmonton Catholic School District, February 8-11, 2010

Principal Trainer, Edmonton Catholic School District, Professional Development, January 28, 2010

Principal Trainer, North Central Teachers Association of Alberta Conference, February 4, 2010

Principal Trainer, Philosophy for Children Teacher Training Workshops. September 19, 2009, October 17, 2009, January 31, 2009 and March 28, 2009

NON-ACADEMIC **Lead Trainer (T-III) & Primary Leader** **2002-Present**
PROFESSIONAL Scouts Canada, Northern Lights Council, various groups, courses, and events
EXPERIENCE

Projectionist & Relief-Manager **1997-2002**
Various Cinemas, Kitchener-Waterloo-Cambridge, Ontario, Canada

Market Development Manager **April 2000 - April 2001**
iAnywhere Solutions, a subsidiary of Sybase, Inc., Waterloo, Ontario, Canada

Financial Analyst **September 1997 - April 1998**
AT&T Asia Pacific, Hong Kong S.A.R., China

Instructional Technology & Research Assistant **January - April, 1997**
The Michener Institute for Applied Health Sciences, Toronto, Ontario, Canada

Multimedia Lab Coordinator & Technology Instructor **May - September, 1996**
The Toronto Hospital, Toronto, Ontario, Canada