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Education**Ph.D., University of Toronto****November 2006**

- ▷ Institute for the History and Philosophy of Science and Technology (IHPST)
- ▷ Dissertation: “The Premise of Computer Science: Establishing Modern Computing at the University of Toronto (1945-1964)”
- ▷ Supervisor: Dr. Janis Langins (IHPST); Defence Committee: Emeritus Prof. Calvin C. Gotlieb (Computer Science, Toronto), Dr. Paul Ceruzzi (Smithsonian Institute), Dr. Bert Hall (IHPST), Dr. Craig Fraser (IHPST)

M.A., University of Toronto**June 2002**

- ▷ Institute for the History and Philosophy of Science and Technology
- ▷ Major research project: “WAT’ For Ever: Student-Oriented Compilers and Computing at the University of Waterloo, 1957-1967.”

B.Math, University of Waterloo**June 1999**

- ▷ Computer Science Honours Co-op, Society, Technology and Values Option

Awards and Grants

- ▷ University of Waterloo, Centre for Teaching Excellence
 - ▷ Course Internationalization Grant (with Karl Griffiths-Fulton), Nov. 2007
- ▷ Canada Science and Technology Museum
 - ▷ Historical Assessment, Computing in Canada (with Zbigniew Stachniak) 2006-2007
- ▷ University of Toronto
 - ▷ PhD Fellowship Sept. 2001-2004
 - ▷ IHPST Open Fellowship Sept. 2000

Research Contributions**Interests**

- ▷ The history of computer technology and science; the history of technology and science in Canada; technological obsolescence and momentum; re-creation of historical artifacts

Refereed Publications

- ▷ Campbell, Scott M., “Backwater Calculations for the St. Lawrence Seaway with the First Computer in Canada”, *Canadian Journal of Civil Engineering*, volume 36, no. 7 (2009), p. 1164-1169.
- ▷ Stachniak, Zbigniew and Scott Campbell, *Computing in Canada: Building a Digital Future*, Transformation Series, Canada Science and Technology Science Museum, Ottawa (2009).
- ▷ Campbell, Scott M., “Beatrice Helen Worsley: Canada’s Female Computer Pioneer” *IEEE Annals of the History of Computing* volume 25, no. 4 (Oct-Dec 2003), p.51–62.

Reviews

- ▷ Campbell, Scott M., “Review: Lars Heide: Punched-Card Systems and the Early Information Explosion, 1880-1945.”, *Scientia Canadensis*, forthcoming.
- ▷ Campbell, Scott M., “Review: John N. Vardalas: The Computer Revolution in Canada: Building National Technological Competence”, *Scientia Canadensis*, volume 27, 2003.

Other Written Work

- ▷ Campbell, Scott M., “Think Piece: On the Absence of Obsolescence”, *IEEE Annals of the History of Computing*, volume 31, no. 4, (Oct-Dec 2009), p.118-120.
- ▷ Campbell, Scott M. and Zbigniew Stachniak, “Computing in Canada”, Historical Assessment, Canada Science and Technology Museum, 2007.

Invited Talks, Lectures and Seminars

- ▷ Campbell, Scott M. “A Brief History of Computer Science”, Centre for Education in Mathematics and Computing, Seminar in Computer Science for Young Women, University of Waterloo, 15 May 2008, 19 June 2008, 25 May 2009, 2 June 2010.
- ▷ Campbell, Scott M., “A Short History of Analog Computers and Differential Analyzers”, Joint Colloquium: Electrical and Computer Engineering and the Institute for the History and Philosophy of Science and Technology, University of Toronto, 13 June 2007.
- ▷ Campbell, Scott M., “Beatrice Helen ‘Trixie’ Worsley: Canada’s Female Computer Pioneer”, York University Computer Museum Seminar, York University, Toronto, Ontario, October 27, 2004.

Refereed Conference Talks

- ▷ Campbell, Scott M. “‘WAT’ Forever: Computing Education at the University of Waterloo”, 2010 SIGCIS History of Computing Workshop, Society for the History of Technology, Tacoma, 3 October 2010.
- ▷ Campbell, Scott M. “Agendas and the Promise of Computer Science at the University of Toronto”, 2009 SIGCIS history of computing workshop: Michael Mahoney And The Histories of Computing(s), Society for the History of Technology, Pittsburgh, 18 October 2009.
- ▷ Campbell, Scott M. “Jump Start: A brief history of J. Wes Graham, Water Skiing and Microcomputers, 1979-1985”, Canadian Science and Technology Historical Association, XVI Conference, Quebec City, 26 September 2009.

- ▷ Campbell, Scott M. “Micro-What? Microcomputing at the University of Waterloo, 1979–1982”, Canadian Science and Technology Historical Association, XV Conference, Toronto, 12 October 2007.
- ▷ Campbell, Scott M., “Why Johnny Couldn’t Program: Obsolescence and the History of Computing”, Joint Session: Canadian Science and Technology Historical Association & Canadian Society for the History and Philosophy of Science, Congress of the Humanities and Social Sciences, York University, Toronto, 29 May, 2006.
- ▷ Campbell, Scott M. and Zbigniew Stachiak, “From Collecting to Curating: York University Computer Museum”, Canadian Science and Technology Historical Association Biennial Meeting, Ottawa, Ontario, Sept 29-October 2, 2005.
- ▷ Campbell, Scott M., “Computing Practices at the University of Toronto 1952-1958”, History and Philosophy of Science and Technology Graduate Student Conference: The Transmission of Knowledge, August 12, 2005.
- ▷ Campbell, Scott M., “Early Computer Science at the University of Toronto, 1946-1964”, Canadian Science and Technology Historical Association Biennial Meeting, Kingston, Ontario, October 17-19, 2003.
- ▷ Campbell, Scott M., “The History of WATFOR and the Early Development of Computer Science at the University of Waterloo.” Canadian Science and Technology Historical Association Conference Biennial Meeting, Kingston, Ontario, October 12-14, 2001.

Teaching

Lecturer

- ▷ Centre for Society, Technology and Values, University of Waterloo
 - ▷ STV100 Society, Technology and Values: Introduction Fall 2007–Spring 2010
 - ▷ STV203 Biotechnology and Society, Fall 2008, Fall 2009
 - ▷ STV205 Cybernetics and Society, Winter 2008, Winter 2009, Winter 2010
 - ▷ STV302 Information Technology and Society, Fall 2007
- ▷ Institute for the History and Philosophy of Science and Technology, University of Toronto
 - ▷ HPS202 Introduction to Modern Technology, Winter 2004

Teaching Assistant

- ▷ Institute for the History and Philosophy of Science and Technology, University of Toronto
 - ▷ HPS200: Scientific Revolutions, Fall 2002
 - ▷ HPS202: Introduction to Modern Technology, Winter 2006, Winter 2007
 - ▷ HPS211: Scientific Revolutions, Fall 2006
 - ▷ HPS280: History of Science for Engineers, Fall 2000, Winter 2003, Fall 2003
 - ▷ HPS284: North American Technology for Engineers, Winter 2001, Winter 2005

Other Scholarly Contributions

- ▷ Peer review for the following publications and organizations:
 - ▷ McGill-Queen’s University Press

- ▷ *IEEE Annals of the History of Computing*
- ▷ *Spontaneous Generations: A Journal for the History and Philosophy of Science*
- ▷ *Wiley Computer Science and Engineering Encyclopedia*
- ▷ Webmaster, Canadian Science and Technology Historical Association Nov. 2006 - Present
 - ▷ maintain and update website: <http://www.cstha-ahstc.ca/>
- ▷ Advisory Board, York University Computer Museum, York University Jan. 2004 - Present
 - ▷ Assist with grant applications, conference papers, curatorial projects and long range museum planning
- ▷ Research Assistant to Prof. Janis Langins, University of Toronto, Sept. 2001 - Apr. 2002
 - ▷ Manuscript editing, proofreading, and preparation of electronic images & manuscript for publisher
 - ▷ Custom bibliography software programing