

Scott M. Campbell

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Contact Information

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Education

University of Toronto, Toronto, Ontario
Ph.D., Institute for the History and Philosophy of Science and Technology, November 2006

- Dissertation: “The Premise of Computer Science: Establishing Modern Computing at the University of Toronto (1945-1964)”

M.A., Institute for the History and Philosophy of Science and Technology, June 2002

- Major Research Paper: “‘WAT’ For Ever: Student-Oriented Compilers and Computing at the University of Waterloo, 1957-1967.”

University of Waterloo, Waterloo, Ontario
B.Mathematics & Computer Science, Honours Co-op, Society, Technology and Values Option, June 1999.

Research Interests

History of computing technology and computer science; History of Canadian science and technology

Peer reviewed writing

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., “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.

Campbell, Scott M. and Zbigniew Stachniak, “Computing in Canada”, Historical Assessment, Canada Science and Technology Museum, 2007.

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.

Other written work

Campbell, Scott M., “Review: Lars Heide: Punched-Card Systems and the Early Information Explosion, 1880-1945.”, *Scientia Canadensis*, forthcoming.

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., “John N. Vardalas: The Computer Revolution in Canada: Building National Technological Competence”, *Scientia Canadensis*, volume 27, 2003.

Invited Talks

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”, talk given at York University Computer Museum, York University, Toronto, Ontario, October 27, 2004.

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 Stachniak, "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", Institute for the History and Philosophy of Science and Technology Graduate Student Conference: Knowledge Transfer, 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.