

PERSONAL INFORMATION**Office**

Office of the Dean
Faculty of Arts and Social Sciences
Simon Fraser University
8888 University Drive
Burnaby, BC
V5A 1S6

Phone : 778-782-4415
Fax : 778-782-3033
Email: lcormack@sfu.ca

Home

308-5th Street
New Westminster, BC
V3L 2X2
604-395-6682

Date of Birth: 25 November 1957
Citizenship: Canadian
Languages: English, French

EDUCATION

- 1988 Ph.D. University of Toronto
Thesis: “*Non Sufficit Orbem*: Geography as an Interactive Science at Oxford and Cambridge, 1580-1620”
Supervisors: Rev. Professor James K. McConica, emeritus, St. Michael’s College, University of Toronto and All Souls College, Oxford; Professor Bert S. Hall, Institute for the History and Philosophy of Science and Technology, University of Toronto
- 1982 M.A. University of Toronto
Thesis: “Astronomy and Astrology Publishing in Early Modern France 1470-1650”
- 1979 B.A. Hon. University of Calgary

ACADEMIC POSITIONS

- 2010- Dean, Faculty of Arts, University of Alberta
- 2010- Professor, Department of History and Classics, University of Alberta
- 2007-2010 Dean, Faculty of Arts and Social Sciences, Simon Fraser University
- 2007-2010 Professor, Department of History, Simon Fraser University
- 2003-2007 Chair, Department of History and Classics, University of Alberta
- 2003-2007 Professor, Department of History and Classics, University of Alberta
- 2000-2002 Associate Chair, Graduate Program, Department of History and Classics
- 1998-1999 Associate Dean of Student Programs, Faculty of Arts
- 1995-2003 Associate Professor, Department of History and Classics, University of Alberta
- 1989-1995 Assistant Professor, Department of History, University of Alberta
- 1989-1990 Webster Post-Doctoral Fellow in the Humanities
Department of History, Queen’s University (on leave from University of Alberta)
- 1988-1989 Assistant Professor, part-time, Department of History, University of Toronto
- 1988-1989 Lecturer, Victoria College, University of Toronto
- 1987-1989 Curator, Centre for Reformation and Renaissance Studies, Victoria College, University of Toronto
- 1987-1988 Lecturer, Department of History, University of Toronto

RESEARCH CONTRIBUTIONS**Books**

A History of Science in Society: From Philosophy to Utility. With Andrew Ede. Peterborough: Broadview Press, 2004. 458 pp. (Nominated for an Alberta Book Award, 2004)

Charting an Empire: Geography at the English Universities 1580-1620. Chicago: University of Chicago Press, 1997. xiii, 281 pp.

Edited Books

A History of Science in Society: A Reader. With Andrew Ede. Peterborough: Broadview Press, 2007. 470 pp.

Making Contact: Maps, Identity, and Travel, co-edited with Glenn Burger, Jonathan Hart, and Natalia Pylypuik. Edmonton: University of Alberta Press, 2003. xxx, 269 pp.

Refereed Articles

1. "The World at your fingertips: Renaissance Globes as Cosmographical, Mathematical and Pedagogical Instruments", in *Current Issues in Early Modern Cosmography*, ed. Sven Dupré. Special issue of *Archives Internationales d'Histoire des Sciences* 59 (no. 163, 2009): pp. 485-497.
2. "Glob(al) Visions: Globes and their Publics in early modern Europe". In *Making Publics in Early Modern Europe: People, Things, Forms of Knowledge*. Eds. Paul Yachnin and Bronwen Wilson. Routledge University Press, 2009, pp. 138-156.
3. "That Medieval Christians Taught that the World was Flat". In *Galileo goes to Jail and other Myths about Science and Religion*. Ed. Ron Numbers. Harvard University Press, 2009, pp. 28-34.
4. "Ptolemy at Work: The role of the *Geographia* in Geography and Mathematics Teaching in Early Modern England", *Ptolemy's Geography in the Renaissance*, Z. Shalev and C. Burnett, eds. London: Warburg Institute, 2010, pp. 207-224.
5. "Maps as Educational Tools in the Renaissance". In *The History of Cartography*, Vol. 3, *Cartography in the European Renaissance*. Ed. David Woodward, pp. 622-636. University of Chicago Press, 2007.
6. With Andrew Ede, "'Canons to Right of Them, Canons to Left of them'", *Scientia Canadensis*. 29 (2006), 5 pp.
7. "The Commerce of Geography: Teaching geography in early modern England", *Science and Education* 15 (2), 2006: 305-322.
8. "Mathematics and Empire: The Military Impulse and the Scientific Revolution". In *The Heirs of Archimedes. Science and War through the Age of Enlightenment*, edited by Brett Steele and Tamera Dorland, pp.181-203. Cambridge, Mass.: M.I.T. Press, 2005.
9. "Science and Technology". In *A Companion to Tudor Britain*, eds. Robert Tittler and Norman Jones, pp. 509-25. Oxford: Blackwell Publishing, 2004.
10. "Contact and Identity: Introduction", with Natalia Pylypuik. In *Making Contact: Maps, Identity, and Travel*, co-edited by Glenn Burger, Lesley Cormack, Jonathan Hart, and Natalia Pylypuik, pp. xi-xxix. Edmonton: University of Alberta Press, 2003.

11. "Britannia Rules the Waves? Images of Empire in Early Modern England", *Journal of Early Modern Studies*. 3 (Sept.) 1998: <http://purl.ock.org/emls/04-2/cormbrit.html>> 5700 words.
12. "The Fashioning of an Empire: Geography and the State in Elizabethan England". In *Geography and Empire*, edited by Anne Godlewska and Neil Smith, pp. 15-30. The Institute of British Geographers, 1994.
13. "Flat Earth or Round Sphere: Misconceptions of the Shape of the Earth and the Fifteenth-Century Transformation of the World", *Ecumene*, 1 (1994): no. 4: 363-385.
14. "Good Fences Make Good Neighbors: Geography as Self-Definition in Early Modern England", *Isis*, 82 (1991): 639-661.
15. "'Twisting the Lion's Tail': Practice and Theory in the Court of Henry, Prince of Wales". In *Patronage and Institutions: Science, Technology, and Medicine at the European Court, 1500-1750*, edited by Bruce T. Moran, pp. 67-84. Boydell Press, 1991.

Non-Refereed Articles

1. "Surveying", in *Europe 1450-1789: The Encyclopedia of the Early Modern World*. Jonathan Dewald, ed. New York: Charles Scribner's Sons, 2004.
2. "Arctic and Antarctic", in *Europe 1450-1789: The Encyclopedia of the Early Modern World*. Jonathan Dewald, ed. New York: Charles Scribner's Sons, 2004.
3. "The Grounde of Artes: Robert Recorde and the Role of the Muscovy Company in the English Mathematical Renaissance", *Proceedings of the Canadian Society for the History and Philosophy of Mathematics*, Vol. 16, 2003: 132-138.
4. "Geography and Cartography", in *The Encyclopedia of the Renaissance*. Paul F. Grendler, ed. Charles Scribner's Sons, 2000.
5. "Geography", pp. 261-63 in *The Scientific Revolution: An Encyclopedia*. Wilbur Applebaum, ed. Garland Publishing Co., 2000.
6. "Elizabethan Geography", pp. 282-84, in *The Sciences of the Earth*. Gregory Good, ed. Garland Publishing Co., 1998.
7. "Cosmology and the Earth, Scientific Revolution", pp. 156-160, in *The Sciences of the Earth*. Gregory Good, ed. Garland Publishing Co., 1998.
8. "The Age of Exploration", pp. 250-53 in *The Sciences of the Earth*. Gregory Good, ed. Garland Publishing Co., 1998.
9. "Science and the Scientific Revolution", pp. 469-474 in *Historical Dictionary of Stuart England, 1603-1689*. Ronald Fritz, ed. Greenwood Press, 1996.
10. "Tudor Science", pp. 443-5 in *The Historical Dictionary of Tudor England*. Ronald H. Fritz, ed. Geoffrey Elton, advisory editor. Greenwood Press, 1991.
11. *International Directory of Renaissance and Reformation Associations and Institutes*. With Konrad Eisenbichler and Jacqueline Murray. Toronto: Centre for Reformation and Renaissance Studies, 1990. 79 pp.

Articles Reprinted

- “Britannia Rules the Waves? Images of Empire in Early Modern England”. Pp. 45-68 in *Literature, Mapping, and the Politics of Space in Early Modern Britain*. Bernhard Klein, ed. Cambridge University Press, 2001.
- “Good Fences Make Good Neighbors: Geography as Self-Definition in Early Modern England”. Pp. 64-85 in *The Scientific Enterprise in Early Modern Europe*. Peter Dear, ed. Chicago: University of Chicago Press, 1997. Also printed in *Meridians: Sources in World History*. Pearson Custom Publishing, 2006.

Book Reviews

1. Timothy Wilks, ed. *Prince Henry Revived. Image and Exemplarity in Early Modern England* (London, 2007) for *Seventeenth-Century News* 68 (Nos. 1&2, 2010): pp. 46-49.
2. Matthew McLean. *The Cosmographia of Sebastian Münster. Describing the World in the Reformation* (Ashgate, 2007), for *Aestimatio* 5 (2008), 201-204.
3. Deborah Harkness. *The Jewel House. Elizabethan London and the Scientific Revolution* (New Haven, 2007), for *Seventeenth-Century News* 66 (Nos. 3 & 4, 2008): pp. 216-220.
4. Martin Brückner. *The Geographic Revolution in Early America: Maps, Literacy, & National Identity* (Chapel Hill, 2006), for *Isis* 98 (2007): pp. 180-181.
5. Peter Bowler and Iwan Morus, *Making Modern Science: A Historical Survey* (Chicago, 2005), for *International Studies in the Philosophy of Science*, 2006.
6. Margaret Jacob and Larry Stewart, *Practical Matter. Newton's Science in the Service of Industry and Empire* (Harvard, 2004). For H-Albion@h-net.edu. 2006. 3 ms pp.
7. Wayne Davies, *Writing Geographical Exploration. James and the Northwest Passage 1631-33* (Calgary, 2003). *Canadian Journal of History/Annales canadiennes d'histoire* 40 (2005): 318-320.
8. David Buisseret, *The Mapmaker's Quest: Depicting New Worlds in Renaissance Europe*. (Oxford, 2003), for *Cartographia* 40 (3) (2006): 130-132.
9. Andrew Fitzmaurice, *Humanism and America. An Intellectual History of English Colonisation 1500-1625* (Cambridge, 2003) for *Journal of Modern History* 78 (2006): 188-190.
10. Lisa Jardine, *The Curious Life of Robert Hooke. The Man who measured London* (New York, 2004) for H-Albion@h-net.edu (January 2005).
11. J.B. Harley, *The New Nature of Maps: Essays in the History of Cartography*. Edited by Paul Laxton, introduction by J.H. Andrews (Baltimore, 2001) and Denis Cosgrove, *The Apollo's Eye: A Cartographic Genealogy of the Earth in the Western Imagination* (Baltimore, 2001), for *Isis* 96 (2005), no. 1: 97-98.
12. Jerry Brotton, *The Renaissance Bazaar: From the Silk Road to Michelangelo* (Oxford, 2002), for *Journal of Historical Geography* 11 (2003): 196-98.
13. Charles W.J. Withers, *Geography, Science, and National Identity: Scotland since 1520*. (Cambridge, 2001), for *Isis* 94 (2003): 131-132.

14. D. Graham Burnett, *Masters of All they Surveyed: Geography and Space in British Guiana*. (Chicago, 2000), for *American Historical Review* April 2003: 553.
15. Bernhard Klein, *Maps and the Writing of Space in Early Modern England and Ireland* (Palgrave, 2002), for *Renaissance and Reformation* 26.1 (2002): 83-85.
16. J.L. Berggren and A. Jones, *Ptolemy's Geography. An Annotated Translation* (Princeton, 2000), for *University of Toronto Quarterly*, "Letters in Canada 2000", 71:1 (Winter 2001-2002): 194-5.
17. Amir Alexander, *Geometrical Landscapes. The Voyages of Discovery and the Transformation of Mathematical Practice* (Stanford, 2002), for *Canadian Journal of History* 39 (2004): 206-208.
18. Matthew Edney, *Mapping an Empire. The Geographical Construction of British India, 1765-1843* (Chicago, 1999) for *British Journal for the History of Science* 33 (2000): 377-379.
19. Anne Godlewska, *Geography Unbound. French Geographic Science from Cassini to Humboldt* (Chicago, 1999) and David Livingstone and Charles Withers, eds., *Geography and Enlightenment* (Chicago, 1999), For *Endeavour* 24 (34) (2000): 140-141.
20. Peter Whitfield, *New Found Lands. Maps in the History of Exploration*. (New York, 1998), for *Canadian Journal of History* 34 (1999): 147-148.
21. Jerry Brotton, *Trading Territories. Mapping the Early Modern World* (London, 1997), for *Journal of Historical Geography* 25 (1999): 247-48.
22. Jeremy Black, *Maps and History. Constructing Images of the Past*. (New Haven, 1997), for *Journal of Interdisciplinary History* 30 (1999): 101-102.
23. G.J. Toomer, *Easterne Wisedome and Learning The Study of Arabic in Seventeenth-Century England* (Oxford, 1996), for *American Historical Review*, April 1998: 507-508.
24. Frank Lestringant, *Cannibals. The Discovery and Representation of the Cannibal from Columbus to Jules Verne* (Berkeley, 1997), for *Sixteenth Century Journal* 29 (1998): 608-611.
25. L.E. Pennington, ed. *The Purchas Handbook. Studies of the Life, Times and Writings of Samuel Purchas, 1577-1626*, 2 vols. (London, 1997), for *English Historical Review*.
26. Steven Shapin, *The Scientific Revolution* (Chicago, 1997), for *Canadian Journal of History* 32 (1997): 503-5.
27. Michael Hunter, *Science and the Shape of Orthodoxy. Intellectual Change in Late Seventeenth-Century Britain* (London, 1996), for *Canadian Journal of History*, 31 (1997): 96-7.
28. Andrew Weeks, *Paracelsus* (1997), for *Sixteenth Century Journal* 28 (4) (1997): 1443-4.
29. Barbara Mundy, *The Mapping of New Spain* (Chicago, 1997), for *Journal of Early Science and Medicine*.
30. John Gillies, *Shakespeare and the Geography of Difference* (Cambridge, 1994), for *Journal of Historical Geography* 21 (1995): 460-61.
31. Frank Lestringant, *Mapping the Renaissance World* (Cambridge, 1994), for *Ecumene* 3 (1994): 111-13.

32. Robert Karrow, *Mapmakers of the Sixteenth Century* (Chicago, 1993), for *Isis* 86 (1995): 319.
33. P.D.A. Harvey, *Maps in Tudor England* (Chicago, 1993), for *Canadian Journal of History* 29 (1994): 405-6.
34. John P. Snyder, *Flattening the Earth* (Chicago, 1993) and *Two by Two: Twenty-two Pairs of Maps from the Newberry Library Illustrating 500 Years of Western Cartographic History* (Chicago, 1991) for *Isis* 85 (1994): 488-89.
35. Martha Pollak, *Military Architecture, Cartography, and the Representation of the Early Modern City* (Chicago, 1991) for *Sixteenth Century Journal* 25 (1994): 524-25.
36. David Buisseret, ed. *Monarchs, Ministers and Maps: The Emergence of Cartography as a Tool of Government in Early Modern Europe* (Chicago, 1992) and Hossam Elkhadem et al, *Cartes des Amériques* (Brussels, 1992) for *Isis* 85 (1994): 324-5.
37. David Livingstone, *The Geographical Tradition* (Oxford, 1992) for *British Journal for the History of Science* 26 (1993): 485-6.
38. Nicholas Clulee, *John Dee's Natural Philosophy: Between Science and Religion* (New York, 1988) for *Isis* 82 (1991): 131-5.
39. O.H.K. Spate, *Paradise Found and Lost. The Pacific since Magellan*, vol. 3 (Minneapolis, 1989) for *History: Reviews of New Books*, 18 (2), Winter 1990: 87.

PAPERS PRESENTED

1. "Mapping Publics in Early Modern Europe". Keynote address at *Nature's Publics. The Making of Publics for Knowledge of the Natural World in Europe, 1500-1800*. Montreal, March, 2010.
2. "Forms of Nation and Forms of Geography: Chorography and its publics in Early Modern England", Conference in honour of Richard Helgerson, McGill, Montreal, August, 2009.
3. "'At the Sign of the Globe': The Marketplace of Instruments, Knowledge, and Expertise in Early Modern London", Three Societies Meeting (History of Science Society, Canadian Society for the History and Philosophy of Science, British Society for the History of Science) Oxford, July 2008.
4. "The World at your fingertips: Renaissance Globes as Cosmographical, Mathematical and Pedagogical Instruments", Current Issues in Early Modern Cosmography Colloquium, Ghent, Belgium, May, 2008. Invited keynote speaker.
5. "The Molyneux Globes: Mathematical Instruments, Practice, and Community in 16th century England", Green College, UBC, January, 2008.
6. "From *De Sphaera* to *De Globis*: Mathematical Practice and Concepts of the Earth", History of Science Society Annual Meeting, Vancouver, November, 2006.
7. "Glob(al) Visions: Globes and their Publics in early Modern Europe", Renaissance Society of America Annual Meeting, San Francisco, March, 2006.
8. "Mathematics for Sale: Mathematical Practitioners, Instrument Makers, and Communities of Scholars", XXIInd International Congress of History of Science, Beijing July, 2005.
9. "The Molyneux Globes: Mathematical Instruments, Practice, and Community", National Museum of American History, Smithsonian, Colloquium series, March, 2005. Also San

- Diego Science Studies series, January, 2006; McGill University History and Philosophy of Science speakers series, February, 2006. Invited speaker.
10. "The Molyneux Globes: Mathematical Practice and Theory", Maps and Society Series, Warburg Institute, London, November, 2004; and Johns Hopkins University, March, 2005. Invited keynote speaker.
 11. "Mathematical Practitioners, Patronage, and the Scientific Revolution: The Zilsel Thesis Revisited", at the University of Calgary, February, 2004. Invited keynote speaker.
 12. "Ptolemy at Work: The role of the *Geographia* in Geography and Mathematics Teaching in Early Modern England", Warburg Colloquium, *Ptolemy's Geography in the Renaissance*, Warburg Institute, London, June, 2003.
 13. "Maps and Texts: Geography teaching in the early modern universities", *Science Teaching in Early Modern Europe*, Florence, Istituto e Museo di Storia della Scienza, June, 2003.
 14. "*The Grounde of Artes: Robert Recorde and the Role of the Muscovy Company in the English Mathematical Renaissance*", Canadian Society for the History and Philosophy of Mathematics, Halifax, June, 2003. Invited keynote speaker.
 15. "Three Kingdoms or one Empire: Geography and the Creation of Britain", Association of American Geographers, Los Angeles, 2002.
 16. Panelist. "Author meets Critics: A Discussion of Anne Marie Claire Godlewska's *Geography Unbound*", Association of American Geographers, Los Angeles, 2002.
 17. "Mathematical Practitioners, Patronage and the Scientific Revolution: The Zilsel Thesis Revisited", invited Lecture for History of Science and Technology Program University of Minnesota, 2001. Invited keynote speaker.
 18. "Rethinking the Merton Thesis", Dissent, Nonconformity and Science in Britain Conference, University of Victoria, 2001.
 19. "English Humanists and the Cartographical Turn", Renaissance Society of America, Chicago, 2001.
 20. Plenary Speaker, "What is to be Done?", British-North American Joint Meeting of British Society for the History of Science, Canadian Society for the History and Philosophy of Science, and History of Science Society, St. Louis, 2000. Invited keynote speaker.
 21. Commentator, "Reconsidering Mathematical Practitioners in the 16th and 17th Centuries", British-North American Joint Meeting of British Society for the History of Science, Canadian Society for the History and Philosophy of Science, and History of Science Society, St. Louis, 2000.
 22. "Edward Wright and Thomas Harriot: The Case of Navigation as a Transformative Site for the Scientific Revolution", History of Science Society Meeting, Pittsburgh, 1999.
 23. Commentary for "Post-Modern concepts of Pre-Modern Space", Plenary Session at Canadian Federation for the Humanities and Social Sciences Annual Congress, Sherbrooke, 1999.
 24. "Navigation, Mathematical Practitioners and the Scientific Revolution", at Annual Meeting, Canadian Society for the History and Philosophy of Science, Sherbrooke, 1999.
 25. "Mathematical Practitioners, Navigation, and the Court: The Military Revolution and the Scientific Revolution", at War and Science During the Old Regime. A conference sponsored by UCLA and the Andrew Clark Library, Los Angeles, 1998.

26. "The Theatre of the Empire of Great Britain: Geography and the Creation of Britain", at Making Contact conference, Edmonton, 1998.
27. "Utility, Imperialism and the 'New Science': The Zilsel Thesis Revisited", at Reappraisals of Edgar Zilsel conference, Max Planck Institute for the History of Science, Berlin, 1998.
28. Panelist. "Postcolonialism at the point of interdisciplinarity", with Peter Hulme, University of Essex, and Catherine Den Tandt, University of Alberta, 1997.
29. "The Problem of the Three Kingdoms: Geography and the Creation of Britain", at the History of Science Society Annual meeting, San Diego, 1997.
30. "Charting an Empire: Geography, Mapping and the Creation of Imperial Thinking in Elizabethan England", at Paper Landscapes. Maps, Texts, and the Construction of Space. An interdisciplinary conference, London, England, 1997.
31. "Britannia Rules the Waves: The Iconic Formation of Empire in Elizabethan England", at the Rocky Mountain Medieval and Renaissance Association Conference, Banff, 1997.
32. "Images of Empire: Rhetoric, Patronage and Geography at the Early Stuart Courts", at the History of Science Society Annual Meeting, Atlanta, 1996.
33. "Networks of Knowledge: Patronage of Geography at the Early Stuart Courts", at the joint meeting of the British Society for the History of Science, Canadian Society for the History and Philosophy of Science, and History of Science Society, Edinburgh, 1996.
34. "The Kingdom of God and the Kingdom of Man: Religious Ideology and the Early Development of the British Empire", at the John Bunyan Society Conference, Banff, 1995.
35. "Utility, Imperialism, and the New Science: The Zilsel Thesis revisited", at the Canadian Society for the History and Philosophy of Science Annual Meeting, Montreal, 1995.
36. "Flat Earth or Round Sphere: Misconceptions of the Shape of the Earth and the Fifteenth-Century Transformation of the World", at Johns Hopkins University, invited speaker, 1995.
37. "Geography and the Creation of an Imperial Ideology in Early Modern England", at William Gilbert conference, Colchester, England, 1993 and at Canadian Society for the History and Philosophy of Science Annual Meeting, Ottawa, 1993.
38. "Round Like an Orange or Flat Like a Pancake? Historical Misconceptions of Pre-Columbian Concepts of the Shape of the Earth", at Canadian Society for the History and Philosophy of Science Annual meeting, Charlottetown, 1992.
39. "The Fashioning of an Empire: Geography and the State in Elizabethan England", at Geography and Empire conference, Queen's University, Kingston, 1991.
40. "Twisting the Lion's Tail: Science and Patronage at the Court of Henry, Prince of Wales", Webster Lecture, Queen's University, Kingston, 1990.
41. "Good Fences Make Good Neighbors: Geography as Self-Definition in Early Modern England", for Department of Geography, Queen's University, Kingston, 1990.
42. "Twisting the Lion's Tail: Practice and Theory at the Court of Henry Prince of Wales", at XVIIth International Congress of History of Science, Hamburg, West Germany, 1989.
43. "En Route to the Seraglio: Thomas Dallam in Sicily and the Mediterranean, 1598-1600", at American Association of Teachers of Italian Meeting, Monterey, California, 1988.

44. "The Social Context of Geography at Oxford and Cambridge, 1580-1620", at Joint Meeting of History of Science Society and British Society for the History of Science, Manchester, England, 1988.
45. "Geography is Better than Divinity: The Social Context of Geography at Oxford and Cambridge, 1580-1620", at Canadian Society for the History and Philosophy of Science Annual Meeting, Windsor, 1988.
46. "The Introduction of Ptolemy's *Geographia* into the Fifteenth-Century World View", at Wayfarers and Wanderers, conference organized by the Centre for Medieval Studies, University of Toronto, 1988.
47. "The Patronage of Patriotism: Geography at the Court of Henry, Prince of Wales", at History of Science Society Annual Meeting, Raleigh, North Carolina, 1987 and at Canadian Society for Renaissance Studies Annual Meeting, Windsor, 1988.
48. "Theatrum Mundi: An English Student's Perception of the Expanding World, 1580-1620", at Canadian Society for Renaissance Studies Annual Meeting, Hamilton, 1987.
49. "Mathematical Geography at Oxford and Cambridge, 1580-1620", at History of Science Society Annual Meeting, Pittsburgh, 1986.
50. "Mathematical Geography as a Separate Branch of the Study: Oxford and Cambridge, 1580-1620", at Canadian Society for the History and Philosophy of Science Annual Meeting, Winnipeg, 1986.
51. "Tales of Prester John and of the Palace of Edo: Geographical Interests of University Students in England, 1580-1620", at Canadian Society for Renaissance Studies Annual Meeting, Winnipeg, 1986.
52. "The *Canon Mathematicus*: Early Thought on Algebra by François Viète", at Canadian Society for the History and Philosophy of Mathematics Annual Meeting, Guelph, 1984.
53. "Astronomy and Astrology Publishing in Early Modern France, 1470-1650", at Canadian Society for the History and Philosophy of Science Annual Meeting, Vancouver, 1983.

PUBLIC LECTURES

1. "Galileo and the church in the international year of the telescope", Vancouver Space and Science Centre, November 2009.
2. "Science and Empire: How Science gave us the Modern World", Art Gallery of Alberta, November 2006.
3. "The Cult of Elizabeth I: Public Relations in an Age before Mass Media", Faculty Women's Club, March, 2003.
4. "The Other Scientific Revolution: Galen to Vesalius", invited lecture of AOA, medical honour society Edmonton Chapter, February, 2002.
5. "How to go to Heaven or how the Heavens Go: Science and Religion in the Scientific Revolution", McDougall United Church Lecture series, June 14, 2001.
6. "More Work for Mother", Saturday Sampler, University of Alberta, 2000.
7. Keynote for Science Days, Glenora Elementary School, 1999, Grandview Heights Elementary School Science Days, 2000.

8. Review of James Gleick, *Faster* (New York, 1999), Key Davidson, *Carl Sagan. A Life* (New York, 1999), and David Spalding, *Into the Dinosaurs' Graveyard* (Toronto, 1999) for *Quirks and Quarks*, CBC Radio 1, 1999.
9. "Charting an Empire", Keynote address for the Annual meeting of the Alberta Genealogical Society, 1999.
10. "More than just anecdotes. Using History of Science to teach Science", Alberta Teachers Association Science Council Annual Meeting, Red Deer, 1998.
11. "Was there a Scientific Revolution? Thomas Kuhn Revisited", Sigma Xi Annual Meeting, Invited lecture, 1998.
12. "Breeding will tell: Jane Austen and the Origins of Social Darwinism". Invited speaker to the Jane Austen Society of Edmonton, 1997.
13. Review of production of Bertolt Brecht's *Galileo*, on CBC Radio 1, Local, 1997.
14. "Faraday and Ampere", Viacom Educational Television, 1996.
15. "One Course, Two Cultures", University Teaching Service session, with Dorothy Tovell, 1996.
16. "From Homer to Hawking: 'The Basics' in Historical Context", Faculty of Arts Visiting Committee invited lecture, University of Alberta, 1993.
17. "Elizabeth I and II", Super Saturday lecture, University of Alberta, 1993.
18. "Columbus, the Genoese", Public lecture for York Public Library, Toronto, 1989.
19. "Thomas Henry Huxley: Centennial of his death", interview for *Quirks and Quarks*, CBC Radio AM, national, 1983.

MEDIA PRODUCTIONS

"The History of Science", a 13-part Series for ACCESS television/TLC. Broadcast from Spring, 2005.

REVIEWS OF AUTHOR'S WORK

Reviews of *Charting an Empire*:

- Howard Marchitello, *Isis*, 94: 4 (2003): 721-2.
 Denis Cosgrove, *Journal of Early Modern History*, 4, 2 (2000): 211-212.
 Jeremy Black, *American Historical Review*, April (1999): 632.
English Historical Review, 114 (1999): 435.
 Tom Conley, *William and Mary Quarterly* 56 (April, 1999): 425-8.
 Richard Helgerson, *Renaissance Quarterly*, 52, no. 2 (1999): 570-1.
 F.L. Levy, *Albion*, 31, no. 1 (1999): 91-3.
 Steven Shapin, *Journal of Interdisciplinary History*, 30, no. 2 (1999): 311-2.
 Richard Sorrenson, *Early Science and Medicine*, 4, no. 3 (1999): 259-60.
 J. MacLaughlin, *European Legacy* 4 (1999): 69-73.
 Geoffrey J. Martin, *Geographical Review*, 88, no. 2 (1998): 321-3.
 David Armitage, *Journal of Imperial & Commonwealth History*, 26, no. 3 (1998).
 L.R.N. Ashley, *Bibliothèque d'Humanisme et Renaissance*, 40, no. 3 (1998): 811.
 John Headley, *Sixteenth Century Journal*, 29 (1998): 1207-9.
 Robert Iliffe, *Canadian Journal of History*, 33 (1998): 450-51.

Robert J. Mayhew, *Ecumene*, 5, no. 4 (1998).

Bruce McLeod, *Renaissance and Reformation/Ren. et Réforme*, 22, no. 4 (1998).

Daniel Woolf, *International History Review*, 20, no. 3 (1998): 650-52.

Reviews of *Making Contact*:

Nessa Cronin, *European Journal of English Studies* 10 (2006) 97-100.

Wisconsin Bookwatch, May, 2003, p. 3 (mention).

Ian Sanderson, *M2 Best Books*, August, 2003.

Greg Bak, *Histoire Sociale/Social History* 72 (2003): 527-8.

Peter C. Perdue, *The International History Review* 26 (2004): 372-3.

Martin Reinink, *Letters in Canada* (2003): 607-8.

WORK ACCEPTED FOR PUBLICATION

WORK SUBMITTED FOR PUBLICATION

Mathematical Practitioners and the Transformation of Natural Knowledge in early modern Europe, edited volume. 10 chapters, 2 by editor (Chapter 1: “Mathematical Practitioners and Mathematical Practice: Beyond the Zilsel Thesis”, 37 ms pp; Chapter 4: “Mathematics for Sale: Mathematical practitioners, instrument makers, and communities of scholars in sixteenth-century London”, 25 ms pp). University of Chicago Press. Submitted November 2009.

WORKS IN PREPARATION

“Forms of Nation and Forms of Geography: Chorography and its publics in Early Modern England”, for volume in memory of Richard Helgerson, Paul Yachnin, ed. Invited.

The Molyneux Globes and Mathematical Culture: Instruments, Practitioners and Scholars in an Age of Discovery (book-length project)

“The Problem of the Three Kingdoms. Geography and the Creation of Britain”, for submission to *The Journal of British Studies*.

“Utility”. With Andrew Ede, *Enzyklopädie der Neuzeit/Encyclopedia of the Early Modern Period*, ed. P.D. Dr. Friedrich Jaeger.

TEACHING

University of Toronto, Queens University, University of Alberta, and Simon Fraser University

Undergraduate

History of Science (full year survey: Plato to DNA)
 Education in Sixteenth-Century British History (senior seminar)
 The Scientific Revolution (senior seminar)
 Science in Early Modern England, 1550-1750 (senior seminar)
 Women and Science (Women's Studies, team-taught)
 Early World History (500-1500 and 1200-1750)
 Tudor Britain
 Stuart Britain
 British Exploration and Culture Contact
 History of Domestic Technology
 History at the Movies

Graduate

Topics in Intellectual History in Early Modern England: Puritanism
 History of the Sciences:
 Scientific Revolution
 Historiography and Methodology
 Biology and Society, 18th to 20th centuries
 London 1600: An Interdisciplinary Approach (team-taught)
 Pro-seminar: methodology and practice

GRADUATE AND SENIOR UNDERGRADUATE AND SUPERVISION (University of Alberta)**Ph.D. Supervision**

Rebecca Adell (co-supervision with Jane Samson), "The Construction of Smoke in Eighteenth and Nineteenth-century British Law", 2005, completed.
 Pamela Stanton, "Negotiating Change: The Gentry Families of the Southwest and the Rebellion of 1549", 2003, completed. (now runs own historical research company)
 Neil Birch, *Chronicling Communities: Discourse and Urban Identity in Early Modern England*, 2002, withdrew.

Supervisory Committee member

Aida Patient, "The Politics of Participation: Seventeenth- and Eighteenth-Century Women and the Discourses of Modern Science", continuing.
 Sarah Waurechen, "Talking Scot: English Perceptions of Scotland in the 17th Century", 2009 (now Teaching Fellow, PhD candidate Queen's University)
 Matthew Neufeld, "Narrating Troubled Times: memories and histories of England's civil wars and Interregnum, 1660-1705", 2008 completed. SSHRC post-doctoral fellow.
 Susan McMahan, "Constructing Natural History in England (1650-1700)", 2001 completed.
 Nat Hardy, "Anatomy of Pestilence: The Satiric Disgust of Plague in Early Modern London (1563-1625)", 2000 completed.

Maureen King, “‘Essex, that could vary himself into all shapes for a time’: The Second Earl of Essex in Jacobean England”, 1999 completed. (now Lecturer, University of Alberta)

MA Supervision

Pat Farrell, Descartes, 2007, complete.

Curtis Bauer, Evolutionary theory as an Explanatory tool for the scientific revolution, 2004, completed.

Keynyn Longman, History of paleontology: the K-T Extinction controversy, 2003 completed. (now completing PhD. University of Toronto)

Matthew Smith, ADHD, the History of a Disease, 2003 completed. (completed PhD, Warwick)

Lisa Smith, “Medical Knowledge and Medical Power: Control of Women’s Bodies in Seventeenth-Century England”, 1997 completed. (completed Ph.D., Essex, now tenured at University of Saskatchewan)

Judith Friedman, “‘Solid and Usefull Knowledge’: An Analysis and Comparison of the *Philosophical Transactions* and the *Journal des Sçavans*, 1665-1670”, 1997 completed. (now completing Ph.D., Victoria)

Steve O’Brien, “Edward VI: The Forgotten Tudor”, 1995 completed.

Cathy Van Essen, “Religious Exiles in the Sixteenth Century”, 1994 completed.

Honours Supervision

Kate McIver, 2005

Mary Softley, 2004

Alison Weir, 2001

John Tarnowski, 1999

Gary McIntyre, 1997

Elizabeth Sturm, 1997

Judith Friedman, 1995

Dan Brown, 1992

Graduate Examiner

5 History Ph.D.

8 History MA

12 English Ph.D.

3 English MA

1 Philosophy Ph.D., 1 MA

2 Art and Design MFA

1 Political Science Ph.D.

1 Sociology MA

1 Ed. Psych. M.Ed.

External Examiner

Katherine Hill (now Neale), Ph.D. Toronto, 1996.

PROFESSIONAL ACTIVITIES*Regional/National/International Service*

- Program Committee, “Objectivity and Science”, conference sponsored by Situating Science Cluster, UBC, 2010.
- Program Committee, “Nature’s Publics. The Making of Publics for Knowledge of the Natural World in Europe 1500-1800”, Montreal meeting, 2010.
- Assessor, Trudeau Foundation, 2009.
- Nominating Committee, Canadian Society for the History and Philosophy of Science, 2005-2007
- Council, Canadian Society for the History and Philosophy of Science, 2005-2008
- Assessor (ie. Council member), International Union for History and Philosophy of Science, Division History of Science and Technology 2005-2008
- Advisory Panel for Science and Technology Studies, National Science Foundation (USA): 2005-2006.
- Program Committee, International Union for History and Philosophy of Science, Division History of Science, Beijing meeting, 2005.
- Program and Organizational Committee, 3 Societies Meeting of the History of Science (Canadian Society for the HPS, History of Science Society, and British Society for the History of Science), Halifax, 2004.
- President, National Union Committee, International Union for History and Philosophy of Science, 1999-2005
- President, Canadian Society for the History and Philosophy of Science, 1999-2002 (Past-President, 2002-2005)
- History of Science Society Council, 1999-2002
- History of Science Society, Committee on Meetings and Programs, 2000-2003
- Nominating Committee, Canadian Society for the History and Philosophy of Science, 1998, 2002
- Vice-President, Canadian Society for the History and Philosophy of Science, 1996-1999
- Programme Committee, Annual Meeting of Canadian Society for the History and Philosophy of Science, 1994-5
- Canadian Society for the History and Philosophy of Science Representative to CFH Women’s Caucus, 1994-6, to WIN FHSSC, 1996-1998
- Nominating Committee, Canadian Society for the History and Philosophy of Science, 1992-1993, 1995-1996
- Chair, Programme Committee, Annual Meeting of Canadian Society for the History and Philosophy of Science, 1991-1992
- Regional Representative, Advisory Board, Canadian Society for the History and Philosophy of Science, 1990-1993
- Regional Representative, Canadian Society for Renaissance Studies, 1990-1992
- Secretary-Treasurer, Canadian Society for Renaissance Studies, 1988-1990
- Student Delegate to Executive Committee, Canadian Society for Renaissance Studies, 1986-1988

Simon Fraser University Service

Search Committee, President, 2009-2010
 Search Committee, Dean of Library Services, 2009-2010
 School for the Contemporary Arts, Woodward's transition committee, 2008-2009
 Senate Committee on University Priorities, 2008-2010
 Search Committee, Vice President Research, 2008
 Search Committee, Dean of Education, 2007-2009
 Art Gallery Steering Committee, 2007-
 Board, Bill Reid Foundation, 2007-

University of Alberta Service

President's Advisory Council of Chairs, 2003-2004
 External Review Team for Graduate Program review, School of Business, 2004.
 External Review Team for Graduate Program review, MCLS, 2004.
 Working Group on Teaching and Research, VP Research portfolio, 2003-2005.
 Funding Solutions Task Force, Recommendations 52-2 and 52-3, 2003.
 Board of Directors, Friends of the Provincial Museum of Alberta Society, 2001-2003 (Vice-President, 2004-2005)
 Graduate Assistance Policy (GAP) Committee, FGSR, 2001-2004.
 Faculty of Arts Committee to reassess the B.A., 2000-2001
 CAAST sub-committee on Social Studies 30 curricular reform, 1999
 Minister's Working Group and ACAT sub-committee on Mathematics 30, 2000-2002
 Chair, GFC Academic Appeals Committee, 2001-2009
 Alternate Faculty Member, GFC Academic Appeals Committee, 2000-2001
 Provosts' Task Force on Student Housing, 2000
 Committee on Admissions, Standards and Transfers (CAAST), 1999-2001
 Humanities and Fine Arts Research Grants Committee, 1999-2001
 Academic Affairs Committee, Faculty of Arts, 1998-1999
 Executive Committee, Faculty of Arts, 1994-1997
 Women's Studies Program Committee, Faculty of Arts, 1992-1996
 Library Committee, Faculty of Arts, 1991-5, Elected 1995-1998
 Science, Technology and Society Program Committee, Faculty of Arts 1989-1995
 Ethics Committee, Faculty of Arts, 1994-1998
 Dean's Advisory Selection Committee (Hiring), English, 1996, 1997, 1999; East Asian Studies, Linguistics, 1999; Philosophy, 2002
 Arts Representative to Faculty Evaluation Committee, St. Joseph's College, 1998-2000
 Campus Food Bank Board of Governors, 1995-1999
 Arts Representative, AAS:UA Council, 1995-1996
 AAS:UA Sarah Shorten Nomination Committee, 1997
 MacCalla Professorship Committee, Faculty of Arts, 1992-1995
 Membership Secretary, Academic Women's Association, 1992-1993
 Academic Women's Association Executive, 1991-1992
 Assistant Organizer, Seventh Triennial Congress for Neo-Latin Studies, 7-day conference at Victoria College, University of Toronto, 1988

History and Classics Department: Chair, Graduate Committee, 2000-2002; Professional Affairs Committee, 1995-96, 2000-2002; Strategic Plan Committee, 1997; Chair, Equity Committee, 1994-1995; Representative, Arts Faculty Council, 1991-1995; High School Liaison Officer, 1992-1996

HONOURS, GRANTS AND AWARDS

SSHRC Cluster Grant, *Situating Science*, 2007-2012, co-applicant. \$2.1Million
SSHRC MCRI, "Making Publics", co-applicant (on 7 person management team), 2005-2008, \$2.5 million (share: \$105,000)
Honorary Member of the Golden Key International Honour Society, 2008.
SSHRC Standard Research Grant, 2004-2007, \$46,196
Dibner Library of History of Science and Technology Resident Scholar Program, 2005, \$5000US.
SSHRC Cluster Design Grant, 2004-2005, co-applicant (1 of 5): \$20,000
University of Alberta research grants, 1992-2003, totalling \$14,500
SSHRC Standard Research Grant 1992-1995, \$32,602
Webster Post-Doctoral Fellowship in the Humanities, Queen's University, 1989-1990 -- \$35,000
Travel to International Conference, SSHRC, 1988
Centre for Reformation and Renaissance Studies Graduate Student Fellowship, 1986-1987, 1987-1988
University of Toronto Open Scholarship, 1980-1981, 1982-1984, 1985-1987
University of Toronto Associates Travel Grant, 1985
Ontario Government Scholarship, 1984-1985
Mary and Nicholas Fodor Scholarship, 1981-1982
Aquitaine Oil Co. Pau French Study Scholarship, 1979
Birks Honours Scholarship, 1975

CONFERENCE ORGANIZING

"Mathematical Practitioners and the Transformation of Natural Knowledge in Early Modern Europe" One-day symposium at the International Union for the History and Philosophy of Science, Division History of Science meeting in Beijing, 2005.

Program and Organizational Committee, 3 Societies Meeting of the History of Science (Canadian Society for the History and Philosophy of Science, History of Science Society, and British Society for the History of Science), Halifax, 2004.

JOURNAL MANUSCRIPT ASSESSMENT

For: *Renaissance and Reformation*, *Past Imperfect*, *Journal of Contemporary History*, *Isis*, *Renaissance Quarterly*, *Journal of British Studies*, *Canadian Journal of History*, *Science in Context*, *Imago Mundi*.

PROPOSAL ASSESSMENT

Aid to Scholarly Publications, Federation for the Humanities.

Grant proposals for SSHRC, NSF, NEH

Book proposals for Cambridge University Press, Pearson Education Canada, University of Chicago Press, University of Virginia Press.

EDITORIAL BOARDS

Associate Editor, *Renaissance and Reformation/Renaissance et Réforme*, 2005-2008.

Isis, 1999-2001.

Earth Sciences History, 2002-2005.

Past Imperfect, 2000-2004

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

History of Science Society

Sixteenth Century Studies Society

Canadian Society for the History and Philosophy of Science

Canadian Society for Renaissance Studies

British Society for the History of Science

Society for the History of Technology