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APPOINTMENTS

- 2019-present York University, Dept. of History, Faculty of Liberal Arts & Professional Studies – Associate Professor
- 2018- Appointed to the Graduate Faculty, Dept. of History, York University
- 2014-2019 York University, Dept. of History, Faculty of Liberal Arts & Professional Studies – Assistant Professor

EDUCATION

- 2014 Ph.D. History, Princeton University, Princeton, NJ
Program in History of Science
Dissertation: “A Calculated Course: Creating Transoceanic Navigators, 1580-1800” Advisor: Anthony T. Grafton
Awarded 2016 Frank Broeze Prize for Outstanding Doctoral Thesis in Maritime History, International Maritime Economic History Association
- 2009 M.A. History, Princeton University, Princeton, NJ
- 2007 M.A. History, University of Toronto, Toronto, ON
Collaborative program in Book History & Print Culture
- 1999 A.B. History and Literature (Early Modern Europe), Harvard University, Cambridge, MA, *Magna Cum Laude*

PROFESSIONAL CONTRIBUTION AND STANDING

i. PUBLICATIONS

Book

Sailing School: Navigating Science and Skill, 1550-1800 (Johns Hopkins University Press, 2019). This monograph compares the development and dissemination between ca. 1550 and 1800 of Spanish, Dutch, English, and French sailors’ navigational practices—in the classroom, on board ship, and across international borders. This book highlights the technical contributions of this startlingly multinational community, and in turn, contextualizes the place of instruments and visual culture in the circulation of technical knowledge during the Scientific Revolution.

Journal Articles and Book Chapters – Refereed

- 2020 “Distilling Water, Distilling Data: Questionnaires in Dutch East India Company Record-keeping” (accepted for special issue of *European History Quarterly*, 2020, Richard Yeo, Daniel Midena, eds.)
- 2020 “Sailors, States, and the Creation of Nautical Knowledge,” chapter in Lauren Benton and Nathan Perl-Rosenthal, eds., *A World at Sea: Maritime Practices in Global History, 1500-1900* (University of Pennsylvania Press, forthcoming 2020)
- 2020 “Nautical Manuals and Ships’ Instruments, 1550-1800: Lessons in Two and Three Dimensions.” *Routledge Research Companion to Marine and Maritime Worlds, 1400-1800: Oceans in Global History and Culture*, Claire Jowitt, Craig Lambert, Steve Mentz, eds. (forthcoming Routledge, 2020)
- 2013 “Expert Records: Nautical Logbooks from Columbus to Cook,” *Information & Culture: A Journal of History* 48 no. 3 (2013), 281-322.
- 2008 “‘Books for the Use of the Learned and Studious’: William London’s *Catalogue of Most Vendible Books*,” *Book History*, vol. 11 (2008), 33-57.

Journal Articles – Non-Refereed

- 2013 “Regimented Lessons: The Evolution of the Nautical Logbook in France,” *Annuaire de droit maritime et océanique* (June 2013), 91-115.

Book Reviews

- 2015 Review of Smith, Helen and Louise Wilson, eds. *Renaissance Paratexts* (New York: Cambridge University Press, 2011) *Renaissance and Reformation / Renaissance et Reforme* 38.2 (Spring 2015): 196-198.

Media Appearances and Interviews

- 2019 Interview with Amanda Vanstone, “Trading and Sailing,” *Counterpoint*, ABC Radio National [Australian program], (September 23, 2019), https://abcmedia.akamaized.net/rn/podcast/2019/09/cpt_20190923.mp3.
- 2018 “The Navigator in the Early Modern World,” *Time to the Eat the Dogs* podcast (Dec. 17, 2018), <https://timetoeatthedogs.com/2018/12/17/the-navigator-in-the-early-modern-world/>

Works in Progress*A Floating Academy: Commerce and Calculation in the Age of Sail.*

This second book-length project centres on the *Prince de Conti*, a French merchant ship that embarked on a trading venture to India in 1754. It draws upon a cache of archival documents fortuitously preserved in the midst of the Seven Years War. In addition to revealing new insights into the everyday lives of the sailors, merchants, and family members who were caught up in the trade and conflict of the period, this particular archive contains a significant collection of mathematical documents. These ink-spattered student worksheets, hand-copied textbooks, and records of mid-voyage observations and computations, provide unparalleled evidence of how

complex new mathematics was not only taught but also applied at sea. Taken together, they offer a rare glimpse into the type of collaborative mathematical work that took place on a true “floating academy” in the Age of Revolution.

ii. RESEARCH FUNDING AND AWARDS

Research Award

2016 Frank Broeze Prize for Outstanding Doctoral Thesis in Maritime History, International Maritime Economic History Association

External

2018 Princeton University Barr Ferree Publication Fund subvention for *Sailing School: Navigating Science and Skill, 1550-1800* (\$21,900 USD)

2015 John Carter Brown Library Research Fellow

2007-2011 Social Sciences and Humanities Research Council/SSHRC (Canada) Doctoral Fellowship (\$80,000 CAD) (CGS Doctoral Scholarship, declined)

2006-2007 Ontario Graduate Scholarship (\$15,000 CAD)

Internal

2018 SSHRC Research Opportunity Grant (\$2000) publication support for *Sailing School: Navigating Science and Skill, 1550-1800*

2018 LA&PS Minor Research Grant (\$5000) publication support for *Sailing School: Navigating Science and Skill, 1550-1800*

2018 LA&PS Book Publication Subvention Fund (\$1000)

2015 “From Cosmographical Guides to Merchant Handbooks: The Evolution of Navigation Manuals, 1509-1800” LA&PS Minor Research Grant (\$4,996)

2014 Princeton Institute for International and Regional Studies (PIIRS), Graduate Fellow (\$12,802 USD)

2011 Princeton Institute for International and Regional Studies (PIIRS), Dissertation Research Fellowship (\$1300 USD)

2008 Princeton Institute for International and Regional Studies (PIIRS), Language Study (\$1000 USD)

2007-2012 Shelby Collum and Kathryn Davis Departmental Stipend, Program in the History of Science, Department of History, Princeton University

2006 Jeanne Armour Graduate Scholarship in Canadian History, University of Toronto Department of History (\$4000 CAD)

1999 Thomas T. Hoopes Prize for outstanding senior thesis: “Savages, Beasts and ‘Honnête Gens’: Collapsing Cultural Boundaries in the Work of the Baron de Lahontan,” Harvard University (\$2500 USD)

1997, 1999 Oliver Dabney sophomore and senior essay prizes, Harvard University History & Literature program (\$150 x 2)

iii. PRESENTATIONSInvited Research Lectures and Presentations

- 2019 Conference Keynote: “Diversity and Tension: Insights into Regionalism from Early Modern Navigators.” Canadian Science and Technology Historical Association, Halifax, Nov. 2, 2019
- 2019 “‘We have borrowed also from the French, and they I think from the Spaniards’: National Lessons from Navigation History.” Séminaire France-Histoire et sciences sociales, U. Toronto, Oct. 18, 2019
- 2018 “Sailing School, 1790: Lieutenant Riou Navigates Science and Skill.” Johns Hopkins University History of Science Graduate Colloquium. Baltimore, MD, October 4, 2018
- 2017 “Lieutenant Riou saves the ‘*Guardian*’: Navigating Theory and Experience on the High Seas.” Max Planck Institute for the History of Science, Berlin, Germany, October 12, 2017
- 2017 “‘By the Shortest Path’: Sailing by Mathematical Rules in Dieppe, 1675.” Séminaire France-Histoire et sciences sociales, U. Toronto, March 3, 2017
- 2016 “When Sailing was Big Science.” Global Maritime History Conference, Huntington Library, San Marino, CA, March 3-5, 2016
- 2015 “When Sailing was Science: Thoughts on the Global Early Modern.” STS Seminar, York University, Nov. 3, 2015
- 2014 “Confiscated Mail, Norwegian Mathematics, and a Forgotten Globe: Mysteries from Early Modern Maritime Archives.” The Historian’s Craft speaker series, York University, Dec. 4, 2014
- 2014 “Not-So-Secret Schools: The Spread of the Spanish Model of Navigational Training.” ‘Ideas in Movement: Conflict and Commerce in the History of Navigation,’ National Maritime Museum, Greenwich, UK April 3, 2014
- 2008 “Pepys’s Lost Masterpiece? A History of an Unwritten Book,” Princeton Center for Books and Media, Works-in-Progress, Oct. 16, 2008
- 2007 “The Inventory of Jean Deshayes” Atelier sur l’Édition des textes françaises, University of Toronto, May 2007

Conference Presentations** Session Organizer*

- 2019 “Practical Mathematics in Early Modern Europe,” moderator. History of Science annual meeting, Utrecht, July 25, 2019.
- 2018 “Too Much Math for Mariners?: Revisiting the Royal Mathematical School Curriculum.” Canadian Nautical Research Society annual meeting, Toronto, June 22, 2018
- 2017 Roundtable participant: Research Communities and Collections: Reconnecting the Profession in the Digital Age. History of Science Society annual meeting, Toronto, Nov. 10, 2017

- 2017 “Hands-On Theory at the Royal Mathematical School - Deptford, 1683.”
“The Sea, Maritime Worlds in the Early Modern Period,” German Historians’
Association annual meeting, Wolfenbüttel, Germany, Oct. 5-7, 2017
- 2017 “Cats, Raccoons, and Twins, Oh my! Tales from the Academic Job Market.”
Invited lunchtime keynote speaker, “New Frontiers” Conference, York
University Graduate Program in History, Feb. 24, 2017
- 2015 “Our Place on the Globe: The Evolution of Cosmographical Diagrams in
Sailors’ Manuals, 1550-1700.” Scientiae Conference, Toronto, May 28, 2015
- 2013 * “Triangulating Through Mathematical Seas: Teaching Trigonometry in
Early Modern Navigational Manuals.” History of Science Society meeting,
Nov. 22, 2013 (Session: “Texts as Tools: Rethinking the Cognitive Routines
of Early Modern Learners”)
- 2013 “Mathematics Lessons on the *Prince de Conti*, c. 1756.” Harvard-Princeton
Early Modern Workshop, Princeton, NJ, Jan. 11, 2013
- 2012 “Searching for Certainty at Sea.” Princeton-Harvard Workshop on the
History of the Physical Sciences (PHUNday), Princeton, NJ, April 14, 2012
- 2012 ““Good medium speed”: Estimating Velocity on the High Seas.” Harvard-
Princeton Early Modern Workshop, Cambridge, MA, Jan. 13, 2012
- 2011 * “Learning to Log: The Introduction of Mandatory Shipboard Journals.”
Society for the History of Technology annual meeting, Cleveland, OH, Nov.
5, 2011 (Session: “Degrees of Control: Introducing Regulating Technologies
in the Field”)
- 2011 “A Sailor’s Delight: Dutch Navigational Textbooks and Information
Overload.” ‘Global Dimensions of European Knowledge, 1450-1700’
conference, Birkbeck/UCL, London, June 24-25, 2011
- 2011 “A Sailor’s Delight: Dutch Navigational Textbooks and Information
Overload.” ‘Low Countries and Beyond’ workshop, Columbia University,
April 21, 2011
- 2011 ““To the User of this Book’: Prefaces and Prescriptions in Early Modern
Navigational Manuals.” Harvard-Princeton Early Modern Workshop, Jan. 14, 2011
- 2010 “Diagramming the Sea: Depicting Charts (and Currents) in 17th-Century
Navigation Textbooks.” History of Science Society annual meeting, Montreal,
Nov. 6, 2010
- 2008 “Sailing Under a Paper Moon: Utilizing Printed Navigational Instruments.”
Renaissance Society of America annual meeting, Chicago, April 5, 2008
- 2008 “Jean Deshayes’ Library: A Hydrographer in Early 18th-Century Québec.”
Princeton Center for Studies in Books and Media Annual Graduate
Conference, Feb. 16, 2008

Public Lectures

“Lieutenant Riou saves the *HMS Guardian*: Navigating the High Seas in 1789. Public lecture. Maritime Museum of the Atlantic, Halifax, Nov. 3, 2019

“Are you smarter than a Pirate?” Public lecture. Maritiem Museum Rotterdam, July 26, 2019

General Interest Writing

“How European Sailors Learned Celestial Navigation.” Aeon, July 2, 2019. <https://aeon.co/essays/how-european-sailors-learned-celestial-navigation>

iv. PROFESSIONAL SERVICEProfessional Societies

2018- Canadian Nautical Research Society, Councillor

Professional Journals

2016- Manuscript reviewer for Brill

2016- Member of Editorial Board, *The Northern Mariner/Le marin du nord*, Canadian Nautical Research Society

2014- Scholarly reviewer for journal articles for *Isis*, *Book History*, *Eighteenth-Century Studies*, *British Journal for the History of Science*

Conference Organization

2019 “Making Stories in the Early Modern World” York University/University of Toronto, organizing committee, Nov. 1-3, 2019; co-applicant for SSHRC Connection Grant (awarded \$24,000)

2008 “The Charlatan” Graduate History Symposium, Princeton University, organizing committee, May 1-2, 2008

2007 “After the Fall: Sex, Gender, & Power” Graduate History Symposium, University of Toronto, organizing committee, Feb. 9-10, 2007

TEACHINGUndergraduateCourses Developed

York University

HIST 2820 3.0 “How to Think About Technology: Hacking the History of Machines” [new course, developed with Edward Jones-Imhotep, slated for 2021-22]

HIST 2220 6.0 “Medieval and Early Modern Europe” (2019-20)

HIST 2250 3.0 “Revolutions in the Stars: Science in the Age of Galileo” (2016-17, 2017-18, 2018-19) [new course]

HIST 3234 3.0 “Women and Gender in Early Modern Europe” (2016-17, 2017-18) [redesigned course]

HIST 3240 6.0 “Renaissance and Reformation: Brand New or New Again?” (2014-15, 2015-16, 2018-19) [redesigned course]

HIST 4230 [formerly 4260, “Topics in Early Modern Europe”] 6.0 “Technologies of Communication, A History of Reading from the Codex to the Kindle” (2014-20) [new course]

HIST 4990 6.0 Independent Reading, Histories of Technology (2018-19)

Adelphi University “The Rise of Modern Science,” Department of History, (Course Instructor, Fall 2013) [new course]

Princeton University “Technology and Society,” Departments of History, Sociology, & Engineering (Teaching Assistant for Prof. Angela Creager, Spring 2012)

Graduate

Ph.D. Supervisory Committee

Juan Serrano Reyos. (Ph.D. dissertation, Institute for History and Philosophy of Science and Technology, University of Toronto, in progress)

Ph.D. Examining Committee

E. Jordan Bimm, “Anticipating the Astronaut: Subject Formation in Early American Space Medicine, 1949-1959” (Ph.D. dissertation, STS Program, York University, August 2018)

Jason Grier, “Navigation, Commercial Exchange and the Problem of Long-Distance Control in England and the English East India Company, 1673-1755.” (Ph.D. dissertation, STS Program, York University, March 2018)

M.A. Supervisory Committee

Veronica Bosco (MRP supervisor, Dept. of History, York University, in progress)

Ariel Dykoff (MRP reader, Dept. of History, Glendon, May 2019)

Coursework

Milos Mitrovic, Directed Reading: Book History, Intro to the Field (2018)

SERVICE

Faculty Level

2019 LA&PS Writing Prize Adjudicator

2017-20 LA&PS Undergraduate Research Fair Steering Committee

2015-17 Committee on Student Academic Petitions and Appeals, Faculty of Liberal Arts & Professional Studies, York University

Department Level *Department of History, York University*

2019-20 “History and Computing” Workshop Coordinator

2018-20 Curriculum Committee

2017-18 Tenure and Promotion Adjudicating Committee

	Undergraduate Awards Committee
2016-17	History Executive Committee Representative to Faculty Council
2015-16	Tenure and Promotion Adjudicating Committee Student Reception Coordinator
2014-15	Undergraduate Awards Committee
2007, 2008, 2011	Search committee student representative, Dept. of History, Princeton University

Additional Service

2015, 2018	New Faculty Orientation session, invited panelist
2018	Career Conversations with Alumni, Career Centre Panel, chair
2015	York University Library Digital Humanities Retreat, faculty panelist
2015	Department of History, Visit with High School students, discussant
2012	Project Advisor for MarineLives.org , a collaborative Digital Humanities public history project that produced an interactive database of transcriptions from 17 th -century archival sources at the British National Archives (Fall 2012)

ADDITIONAL EXPERIENCE

<i>Antiquarian Books</i>	Cataloguer, Martayan Lan Rare Books Inc. (New York, NY), 2000-2006
<i>Publishing/Research</i>	Research assistant for Prof. Allan Greer, University of Toronto, History department, 2006-2007 Editorial/research assistant for Drs. Conrad Heidenreich and Janet Ritch, eds., <i>Samuel de Champlain Before 1604: 'Des Sauvages' and Other Documents Related to the Period</i> (McGill-Queen's University Press, 2010)

LANGUAGES French, German, proficient; Dutch, competent; Spanish, Latin, basic.

TECHNICAL
TRAINING

16th-/17th-century Dutch, English and French paleography
Instructional Skills Workshop (teaching course, York U.), Dec. 2014

PROFESSIONAL
AFFILIATIONS

Bibliographical Society of Canada
Canadian Nautical Research Society
Centre for Reformation and Renaissance Studies
History of Science Society
Society for the History of Technology