

Adam James Bradley

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Career Highlights

Monograph Contract
with Routledge

Over \$1.2 Million in
Digital Media Grants

UWaterloo Faculty
Teaching Award

2020 Multidisciplinary
Assessment
Committee (CFI)

Publications in Top Tier
Science and
Humanities Journals

Current Positions

- 2017-present **Visualization for Information Analysis Lab** Ontario Tech University
Research Scientist
Visual Analytics for Large Document Collections
- 2015-present **Stitch Media** Toronto, On
Partner and Lead Game Designer

Previous Positions

- 2017 **Games Institute** University of Waterloo
Post-Doctoral Fellow
The Rhetoric of Game Design
- 2016 **Innovis Lab** University of Calgary
Post-Doctoral Researcher
Visualizing Literary Text Networks

Education

- 2016 **PhD** University of Waterloo
English and Systems Design Engineering
20th Century British Literature and Ancient Rhetoric
- 2013 **Certificate of University Teaching** University of Waterloo
Centre for Teaching Excellence
- 2010 **MA** University of Waterloo
Experimental Digital Media
Data Visualization and the Avant-Garde Aesthetic
- 2003 **BA** McMaster University
English and Comparative Literature

Publications

- 2020 **Contract for a Monograph, Title TBD**
Routledge: London, UK. (Tentative Release Feb. 2021)
Adam J. Bradley
- 2020 **Policy Maps: Visual Analytics for Institutional Collaboration and Funding**
IEEE Conference on Visual Analytics Science and Technology (VAST)
Adam J. Bradley, Zachary Hills, Christopher Collins
Currently in submission
- 2020 **Citation Galaxies: Visualization for Automating Bibliometric Data Set Generation**
IEEE Conference on Visual Analytics Science and Technology (VAST)
Adam J. Bradley, Viktor Sawal, Christopher Collins
Currently in submission
- 2020 **Treating Literature as Data**
Digital Scholarship in the Humanities
Adam J. Bradley and Mennatallah El-Assady
Currently in submission

- 2020 **Visual Explanations to Guide Data-Driven Student Advising**
ACM Transactions on Interactive Intelligent Systems
Riley Wegeant, Adam J. Bradley, Christopher Collins
Currently in submission
- 2019 **Design by Immersion: A New Approach to Problem-Driven Visualizations**
in IEEE Transactions on Visualization and Computer Graphics, vol. 26, no. 1, pp. 109-118.
Kyle Wm. Hall, Adam J. Bradley, Uta Hinrichs, Samuel Huron, Jo Wood, Christopher Collins, and Sheelagh Carpendale
- 2018 **Textension: Digitally Augmenting Document Spaces in Analog Texts**
Digital Humanities Quarterly, Vol. 13 No. 3
Adam J. Bradley, Victor Sawal, Sheelagh Carpendale, and Christopher Collins.
- 2018 **Machines and Humans, Schemes and Tropes**
Early Modern Literary Studies, Vol. 20, No. 2.
Adam J. Bradley and Michael Ulliyot
- 2018 **Visualization and the Digital Humanities: Moving Towards Stronger Collaborations**
IEEE Computer Graphics and Applications, Vol. 38, Issue 6, pp. 26-38.
Adam J. Bradley, Mennatallah El-Assady, Katherine Coles, Eric Alexander, Min Chen, Christopher Collins, Stefan Jänicke, David. J. Wrisley
- 2018 **Past Texts, Present Tools, and Future Critics: Toward a Rhetorical Schematics**
Shakespeare's Language in Digital Media: Old Words, New Tools (Digital Research in the Arts and Humanities), Abingdon: Routledge.
Adam J. Bradley and Michael Ulliyot
- 2017 **Entries on Alan Matheson Turing and Relativity.**
Routledge Encyclopedia of Modernism
Adam J. Bradley
- 2017 **Metatation: Annotation as Implicit Interaction to Bridge Close and Distant Reading (TOCHI)**
ACM Transactions on Computer-Human Interaction. Volume 24, Issue 5, November 2017, Article No. 35. (Presented at ACM CHI)
Hrim Mehta, Adam J. Bradley, Mark Hancock, and Christopher Collins
- 2017 **In the End was the Word: a Computational Approach to T.S. Eliot's Diction**
Reading Modernism with Machines, Palgrave Macmillan
Adam J. Bradley
- 2016 **Language DNA: Visualizing a Language Decomposition**
Digital Humanities Quarterly, 2016 10.4.
Adam J. Bradley, Travis Kirton, Sheelagh Carpendale, and Mark Hancock
- 2016 **Gendered or Neutral? Considering the Language of HCI**
Proceedings of the 41st Graphics Interface Conference, pp. 163--170.
Adam J. Bradley, Cayley MacArthur, Mark Hancock, and Sheelagh Carpendale

Grants

- 2019 **Canada Media Fund, Marketing Fund / Value: CND\$200,000**
Terrorarium commercial game project - with Stitch Media, Toronto
- 2018 **Canada Media Fund, Production Fund / Value: CND\$680,000**
Terrorarium commercial game project - with Stitch Media, Toronto

2016	Ontario Media Development Corporation / Value: CND\$100,000 Terrorarium commercial game project - with Stitch Media, Toronto
2014	Canada Media Fund, Production Fund / Value \$150,000 Rival Books of Aster commercial game project - with Stitch Media, Toronto
2014	Ontario Media Development Corporation / Value: \$150,000 Rival Books of Aster commercial game project - with Stitch Media, Toronto
2014	NSERC SurfNet Special Projects Grant / Value: \$25,000 Remixing Visualized Data

Invited Lectures

Nov. 2019	Canadian Science Policy Conference Panel on Mapping Dynamic Research Ecosystems	Ottawa, ON
Nov. 2018	Ambiguous Inputs in Digital Tool Design	Ontario Tech University
Nov. 2017	Data, Digital Humanities, and the Problem of Instrumentalism	University of Calgary

Conference Presentations

2020	Machine Learning for Literary Criticism: Analyzing Forms, Genres, and Figurative Language Adam J. Bradley and Michael Ulliot Digital Humanities (DH) Conference	Ottawa, ON
2015	Augmented Criticism and Rhetorical Figures Adam J. Bradley and Michael Ulliot Canadian Society for Renaissance Studies Conference	Ottawa, ON
2015	Digital Humanities as Literary Criticism Adam J. Bradley and Michael Ulliot Modern Language Association Annual Conference	Vancouver, BC
2012	Violence and the Digital Humanities Text as Pharmakon Adam J. Bradley Digital Humanities (DH) Conference	Hamburg, Germany
2011	Games as Evolutionary Simulacrum Adam J. Bradley Society for Literature, Science, and the Arts Conference	Waterloo, ON

Sessional Positions, University of Waterloo

Course Design, preparation and presentation of lectures, supervision of group work, grading projects and papers, preparing and grading the final exam for the course.

2017	DEI 615: New Perspectives: Media History and Analysis
2015	English 219: Issues in Language, Writing, and Rhetoric
2015	English 460B: British and Irish Modernism
2014	English 201: The Short Story

2012, 2013 **English 119: Communications in Math and Computer Science**

Teaching Assistantships, University of Waterloo

2012 **English 200A: British Literature 1**

2011 **English 119: Communications in Math and Computer Science**

2011 **English 210F: Genres of Business Communication**

2010 **English 109: Introduction to Academic Writing**

Awards and Honors

2020 **Ubisoft Indie Series presented by National Bank Finalist, Terrorarium Games Project**

2019 **Indiecade - E3 Jury selection, Terrorarium Games Project**

2019 **Steam Greenlight - Rival Books of Aster Digital Game Project**

2015 **University of Waterloo Arts Faculty Teaching Excellence Award**

2014 **Fullbright Student Exchange Scholarship (short listed)**

2011-2014 **University of Waterloo President's Scholarship / Value: \$40,000**

2012 **SSHRC Canada Graduate Scholarship / Value: \$115,000**

2012 **OGS Ontario Graduate Scholarship / Value: \$15,000 (declined)**

2012 **Faculty of Arts Graduate Experience Award / Value: \$2,000**

2011 **OGS Ontario Graduate Scholarship / Value: \$15,000**

2010 **Research In Motion Graduate Scholarship in English / Value \$5,000**

Professional Activities

2020 **Member, Multidisciplinary Assessment Committee, The Canada Foundation for Innovation**

2020 **Organizing Committee, Workshop on Visualization for the Digital Humanities**
IEEE VIS 2020, Salt Lake City, UT

2020 **Program Committee, From Sketching to Coding: Teaching Visualization as a Thinking Process**
DH 2020, Ottawa, ON

2018 **Organizing Committee, Workshop on Visualization for the Digital Humanities**
IEEE VIS 2018, Berlin, DE

2017 **Papers Committee, Workshop on Visualization for the Digital Humanities**
IEEE VIS 2017, Phoenix, AZ

- 2016 **Papers Committee, Workshop on Visualization for the Digital Humanities**
IEEE VIS 2016, Baltimore, MD
- 2012 **Co-organizer Graduate Student Colloquium**
De/Centering the Human Subject, Keynote: Cary Wolfe
- 2012 **Fundamentals of University Teaching Certificate**
Centre for Teaching Excellence, University of Waterloo
- 2010-13 **Member at Large, SAGE**
Student Association for Graduates in English, University of Waterloo

Workshop Presentations

- 2020 **Eye Tracking for Target Acquisition in Sparse Visualizations** Warsaw, Poland
Feiyang Wang, Adam J. Bradley, Christopher Collins
Eye Tracking for Visualization Workshop, ACM ETRA
- 2019 **Approaching Humanities Questions Using Slow Visual Search Interfaces** Vancouver, BC
Adam J. Bradley, Victor Sawal, Christopher Collins
Vis4DH Workshop, IEEE VIS
- 2018 **Contextual Assistance in Response to Frustration in Visual Analytics** Berlin, Germany
Prateek Panwar, Adam J. Bradley, Christopher Collins
Machine Learning from User Interaction for Vis and Analytics, IEEE VIS
- 2017 **Textension: Digitally Augmenting Analog Texts Using Mobile Devices** Montreal, QC
Adam J. Bradley, Jay Sawal, Sheelagh Carpendale, Christopher Collins
CHI Workshop on Mobile Visualization, ACM CHI
- 2017 **Risk the Drift! Stretching Disciplinary Boundaries through Critical Collaborations between the Humanities and Visualization** Phoenix, AZ
Uta Hinrichs et. al.
Vis4DH Workshop, IEEE VIS
- 2016 **Visualization, Digital Humanities, and the Problem of Instrumentalism** Baltimore, MD
Adam Bradley, Hrim Mehta, Christopher Collins, Mark Hancock
Vis4DH Workshop, IEEE VIS
- 2016 **Ceci N'est Pas Une Tweet** Brussels, Belgium
Beth Coleman, Howard Goldkran, Adam J. Bradley, Anne Galang
ICT Art Connect

Research Experience

- 2015 **Research Assistantship Oxford English Dictionary Poetics Project** St. Jerome's University
Supervisor: Dr. David-Antoine Williams
- 2010-13 **Research Assistantship GRAND Network** University of Waterloo
Supervisor: Dr. Mark Hancock
- 2012 **Research Assistantship Oxford English Dictionary Allusions Project** University of Waterloo
Supervisor: Dr. David-Antoine Williams
- 2011 **Research Assistantship Virtual Reality Piers Plowman** University of Waterloo
Supervisor: Dr. Sarah Tolmie

Professional Affiliations

MSA, Modernist Studies Association
SDH-SEMI, Society for Digital Humanities
ACH, Association for Computers and the Humanities
ALLC, Association for Literary and Linguistic Computing
ACM, Association For Computing Machinery