Ryan L. Burns

Curriculum Vitae

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Academic Positions

2016-present	Assistant Professor
	Department of Geography, University of Calgary
2017-present	Faculty Member
	O'Brien Institute for Public Health, University of Calgary
2019-2021	Instructor
	Arts & Sciences Honours Academy, University of Calgary
2015-2016	Assistant Professor of Instruction
	Department of Geography and Urban Studies, Temple University

Education

2009-2015	Ph.D., Geography
	University of Washington
	Committee: Sarah Elwood, Mark Ellis, Vicky Lawson, Jin-Kyu Jung (Interdisciplinary Arts & Sciences, UW-Bothell)
	Dissertation title: *Digital Humanitarianism and the Geospatial Web: Emerging Modes of Mapping and the Transformation of Humanitarian Practices*
2010-2015	Work toward Certificate in Public Scholarship, Simpson Center for the Humanities, UW
2009	M.S., Geographic Information Science
	San Diego State University
	Committee: André Skupin, Stuart Aitken, Eniko Csomay (Linguistics)
2006	B.A., Geography, Magna Cum Laude
	Eastern Kentucky University

Grants, Fellowships, and Awards

2016-2019	$150,000. University of Calgary, Human Dynamics Research Strategy. "The Social and Environmental Implications of Smart Cities: A Global Comparative Research Agenda". PI: Byron Miller Co-PIs: Gwendolyn Blue, **Ryan Burns,** Dean Curran, Victoria Fast, Noel Keough, Jack Lucas, Greg Morrow, Elizabeth Paris, Matt Patterson, Marit Rosol, Alan Smart, Josephine Smart, Eliot Tretter, Kathryn Reese-Taylor, Melanie Rock, Frank Towers, Aaron Williams

2017	$25,000. SSHRC Connection Grant. "The Social and Environmental Implications of Smart Cities: Toward a Global Comparative Research Agenda." PI: Byron Miller. Co-applicants: **Ryan Burns**, Victoria Fast, Jack Lucas, Matthew Patterson, Frank Towers, Eliot Tretter. Collaborators: Gwendolyn Blue, Dean Curran, Elizabeth Paris, Melanie Rock, Marit Rosol, Alan Smart, Aaron Williams.
2017	$28,000. Andrew W Mellon Foundation, through University of Calgary Library. Academic Research and University Libraries: Creating a New Model for Collaboration. "Open Data for a Smarter City: Creating A Data Infrastructure Pilot Initiative". PI: **Ryan Burns**. Co-applicants: Anthony Levenda, Byron Miller, Victoria Fast, Dean Curran, Steve Liang, Eliot Tretter, Alex Whalley
2017	$5,000. SSHRC, through University of Calgary. Partnership Development Seed Grant
2017	Department of Geography Graduate Student Association Recognition Award
2017	$3,422. SSHRC, through University of Calgary. Insight Development Enhancement Grant
2017	$3,000. Calgary Institute for the Humanities Working Group. "Social Justice and the Smart City". Conveners: Anthony Levenda, **Ryan Burns**, Victoria Fast, Dean Curran, Noel Keough, Elizabeth Paris, Frank Towers
2017	$2,500. University of Calgary, Hunter Hub for Entrepreneurial Thinking Global Entrepreneurship Week Engagement Fund
2016	$1,500. University of Calgary, Vice President of Research Faculty Conference Travel Grant
2013	$4,000. United Nations Office for the Coordination of Humanitarian Affairs: "Humanitarian Research and Innovation Grant"
2013	$3,000. UW Graduate School Gerlach Award
2011-2012	$1,000. Simpson Center for the Humanities Graduate Interest Group Funding
2011	$750. Simpson Center for the Humanities Travel Funds
2011	$556. Howard Martin Research Grant
2011	$500. UW Graduate School Fund for Excellence and Innovation
2011	$250. UW Graduate & Professional Student Senate Travel Fund
2009	$1,800. International Cartographic Association (ICA) Travel Scholarship
2009	$9,000. UW Geography Top Scholar Award
2009	$500. Cartography & Geographic Information Society (CaGIS) Master's Award
2007	$6,600. SDSU McFarland Award
2007	$50. SDSU Map Design Competition winner
2005	$5,000. School for International Training – "Culture, Language, and Development in Vietnam" research scholarship

Research Activities

2018	Technology, Law, and Society Summer Institute. University of California – Irvine. **Funded** participation.
2018	Globalization and Digitization — (New) Geoinformation Relationships in the World. Forum for the Study of the Global Condition: Jena, **Germany**. **Invited** and **funded** participation in 4-day workshop.
2017	Ethical Issues of Digital Humanitarianism. **Invited** as participant and keynote speaker for one-day workshop. Montreal, QC.
2016-2017	Ethics of Location-Based Technologies in Crisis Workshop. American Association for the Advancement of Science: Washington, DC. **Invited** as participant for three workshops.
2016	Summer Institute in Economic Geography. University of Kentucky, Lexington.
2015	Data Science for Social Good Fellowship. eScience Institute, University of Washington. http://escience.washington.edu/what-we-do/data-science-for-social-good
2014	"Revisiting Critical GIS". Friday Harbor Laboratories, Friday Harbor, WA.
2013	Oxford Internet Institute Summer Doctoral Programme. i-School, University of Toronto, Canada
2011	Bergen Summer Research School. University of Bergen, **Norway**.

Publications

Peer Reviewed Articles and Book Chapters

In press	**Burns, Ryan**. "Let the Private Sector Take Care of This": The Philanthro-capitalism of Digital Humanitarianism. In M. Graham (ed.), *Digital Economies at the Global Margins*. Cambridge, MA: MIT Press.
In press	**Burns, Ryan**. Datafying Disaster: Institutional Framings of Data Production following Superstorm Sandy. In N. Heynen (ed.), *Social Justice and the City*. Routledge. ISBN: 978-1-138-32274-5.
2018	**Burns, Ryan**. Synergizing Geoweb and Digital Humanitarian Research. In Thatcher, J., A. Shears, J. Eckert (eds.), *Thinking Big Data in Geography: New Regimes, New Research*, 214-229. Lincoln, NE: University of Nebraska Press.
2018	**Burns, Ryan**. Datafying Disaster: Institutional Framings of Data Production following Superstorm Sandy. *Annals of the American Association of Geographers* 1-10. http://www.tandfonline.com/doi/full/10.1080/24694452.2017.1402673
2018	**Burns, Ryan**, C. Dalton, J. Thatcher (alphabetical). Introduction: Critical Data, Critical Technology in Theory and Practice. *Professional Geographer* 70(1): 126-128.

2017	**Burns, Ryan**, N. Lally. Introduction: Toward a Geographical Software Studies. Introduction to special section of *Computational Culture*.
2016	Thatcher, Jim, L. Bergmann, B. Ricker, R. Rose-Redwood, D. O'Sullivan, T. Barnes, L. Barnesmoore, L. Beltz Imaoka, **R. Burns**, J. Cinnamon, C. Dalton, C. Davis, S. Dunn, F. Harvey, J.-K. Jung, E. Kersten, L. Knigge, N. Lally, W. Lin, D. Mahmoudi, M. Martin, W. Payne, A. Sheikh, T. Shelton, E. Sheppard, C. Strother, A. Tarr, M. Wilson, J. Young. Revisiting Critical GIS: Reflections from Friday Harbor. *Environment & Planning A* 48(5): 815-824.
2015	**Burns, Ryan**, D. Meek. Introduction: The Politics of Knowledge Production in the Geoweb. *ACME: An International E-Journal for Critical Geographies* 14(3): 786-790.
2015	Schwartz, B., B. Tellman, **R. Burns**, C. Andersson. Big Data, Satellites, and Disaster Monitoring. In *UN Human Development Report 2015*. Incorporated into *Global Sustainable Development Report 2015*: https://sustainabledevelopment.un.org/content/documents/1758GSDR%202015%20Advance%20Unedited%20Version.pdf (last accessed 6/16/2015).
2014	**Burns, Ryan**, J. Thatcher. Guest Editorial: What's So Big about Big Data? Finding the Spaces and Perils of Big Data. *GeoJournal*. http://link.springer.com/article/10.1007/s10708-014-9600-8 (last accessed 10/21/2014).
2014	**Burns, Ryan**. Rethinking Big Data in Digital Humanitarianism: Practices, Epistemologies, and Social Relations. *GeoJournal* 80(4):477-490. http://link.springer.com/article/10.1007/s10708-014-9599-x (last accessed 10/15/2014).
2014	**Burns, Ryan**. Moments of Closure in the Knowledge Politics of Digital Humanitarianism. *Geoforum* 53 (2): 51-62.
2013	Shanley, Lea, **R. Burns**, Z. Bastian, E. Robson. Tweeting Up a Storm: The Promise and Perils of Crisis Mapping. *Photogrammetric Engineering & Remote Sensing* 79 (10): 865-879.
2013	**Burns, Ryan**, A. Skupin. Towards Qualitative Geovisual Analytics: A Case Study Involving Places, People, and Mediated Experience. *Cartographica* 48(3): 157-176.

Edited Journal Issues (with Peer Review)

2018	**Burns, Ryan**, C. Dalton, J. Thatcher. "Critical Data, Critical Technology in Theory and Practice." Special Issue of *Professional Geographer*.
2017	**Burns, Ryan**, N. Lally. "Toward a Geographical Software Studies." Special Section of *Computational Culture*.
2015	**Burns, Ryan**, D. Meek. "The Politics of Knowledge Production in the Geoweb." Special Issue of *ACME: An International E-Journal for Critical Geographies*.

2014   **Burns, Ryan**, J. Thatcher. "What's So Big about Big Data? Finding the Spaces and Perils of Big Data." Special Issue of *GeoJournal*.

Conference Proceedings, White Papers, Op-Eds, and Encyclopedia Entries

In press   **Burns, Ryan**. Internet Mapping. In B. Warf (ed.), *The Sage Encyclopedia of the Internet*.

Accepted   Hawkins, Blake, **R. Burns**. Queering (Meta)data Ontologies. Gender & IT 2018 conference.

2017   **Burns, Ryan**. 8 Ways Canadian Academics Can Resist the Trump Administration. *University Affairs* "In My Opinion". http://www.universityaffairs.ca/opinion/in-my-opinion/8-ways-canadian-academics-can-resist-trump (last accessed 8/23/2017).

2013   **Burns, Ryan**, L. Shanley. Connecting Grassroots to Government for Disaster Management: Workshop Summary. Woodrow Wilson International Center for Scholars. http://www.scribd.com/doc/165813847/Connecting-Grassroots-to-Government-for-Disaster-Management-Workshop-Summary (last accessed 3/7/2014).

2012   **Burns, Ryan**. Connecting Grassroots to Government for Disaster Management. Woodrow Wilson International Center for Scholars. http://bit.ly/OC4kmD (last accessed 9/18/2012).

2009   **Burns, Ryan**, A. Skupin. Mapping Places, People, and Utterances to Visualize the Experience of Place. In Proceedings of the 24th International Cartographic Conference, Santiago, Chile (CD-ROM). http://bit.ly/POhGuu (last accessed 9/12/2012).

Published Maps

2018   Rockaway Peninsula Context. In <u>Burns, Ryan</u>. Datafying Disaster: Institutional Framings of Data Production following Superstorm Sandy. *Annals of the American Association of Geographers* 1-10. http://www.tandfonline.com/doi/full/10.1080/24694452.2017.1402673

2011   [Collection of 3 maps] In Ramamurthy, P., Rearticulating Caste: The Global Cottonseed Commodity Chain and the Paradox of Smallholder Capitalism in South India. Environment and Planning A 43: 1035-1056.

2011   [Collection of 5 maps/screenshots from the *Mapping Youth Journeys* project website] In K. Mitchell, S. Elwood. Creating Engaged Students and Civic Actors through Mapping Local History. Journal of Geography 111(4): 148-157.

2010   [Collection of 6 maps about poverty in the Pacific Northwest] In V. Lawson, L. Jarosz and A. Bonds. Dumping Grounds and Unseen Grounds: Placing Race, Ethnicity and Poverty in the American Northwest. Annals of the Association of American Geographers 100(3): 655-677.

2007   *Map of Ecuador, Including the Extension of Páramo Grasslands and the Location of the Aglomerados, S.A. (ACOSA) Plantation. In K. Farley. Grasslands to Tree Plantations: Forest Transition in the Andes of Ecuador. Annals of the Association of American Geographers 97(4): 760.*

Conference Presentations

Papers presented

2018 (expected) "Where's the Database in Digital Ethnography? Exploring Database Ethnography for Open Data and Smart Cities Research". EASST (European Association for the Study of Science & Technology) 2018. **Lancaster, UK**. Presentation with Grace Wark.

2018 "Smart Cities: Who Cares?" Annual meeting of the AAG. New Orleans, LA. Presented with Max Andrucki.

2017 "Open Data and Smart Cities: Promises, Questions, Pitfalls, and Hopes". **Invited presentation** at Macalester College, Minneapolis, MN.

2017 "Knowledge Politics and Representational Inequalities in Open Calgary". Workshop: The Social and Environmental Implications of Smart Cities. Calgary, AB.

2017 "Knowledge Politics and Representational Inequalities in Open Calgary". Nordic Geographers Meeting: **Stockholm, Sweden**.

2017 "Data Absences and Strategies: Community Tactics for Self-representation". Annual Meeting of the AAG: Boston, MA.

2017 "Let the Private Sector Take Care of This": New Intersections of Philanthropy, Humanitarianism, and Capitalism. 54th Annual Geography Department Conference, University of Calgary: Calgary, AB.

2016 "Big Data, digital humanitarianism, and smart cities: New directions for GIScience research". **Invited presentation** at San Diego State University Department of Geography: San Diego, CA.

2016 "The inequalities of economic and representational inclusion in digital 'solutions' to urban crisis". Regional Studies Association: Smart City-Regional Governance for Sustainability. **Dresden, Germany**.

2016 "Smart cities, open data, and knowledge politics: Blank spots in cartographic representations". NACIS 2016: Colorado Springs, CO. Accepted, but withdrew due to scheduling conflicts.

2016 "Everyday disruptions, digital restorations: Community engagement and resistance to digital humanitarianism". Annual Meeting of the AAG: San Francisco, CA.

2015 "'Let the private sector take care of this': Toward a Political Economy of Digital Humanitarianism". Annual meeting of the AAG. Chicago, IL.

2014 "Crisis Mapping as Social Process: Research and Policy Implications of New Digital Technologies". **Invited keynote presentation** at Crisis Mapping Seminar, Heidelberg University, Germany.

2014 "The Digital Humanitarian Moment: New Practices, Knowledge Politics, and Philanthro-capitalism." University of Washington Department of Geography Colloquium. Seattle, WA.

2014	"Rethinking Knowledge Politics through Digital Humanitarianism." Annual meeting of the AAG. Tampa, FL.
2012	"Digital Public Scholarship: Mapping Youth Journeys." College of Arts & Sciences Dean's Showcase. *HuskyFest 2012*. Seattle, WA.
2012	"Beyond Inclusion and Empowerment: Inequality in the Geoweb." Annual meeting of the AAG. New York, NY.
2011	"Software-sorted Geographies of the Urban Global South." Annual meeting of the AAG. Seattle WA.
2010	Mitchell, K. & R. Burns [equal contribution] "Mapping Engagement: Using Basic Geovisualization Technologies to Help Children Become Better Geographers and Better Citizens." **Plenary session**, Fall meeting of the Association of Washington Geographers.
2010	"'Exploring Geovisualization': Reflections, Ideas, and Questions." Annual meeting of the AAG. Washington, D.C.
2009	"Visualization of Attribute Spaces Involving Places, People and Utterances." International Cartographic Conference. Santiago, Chile.
2009	"Spatializing Places, People, and Utterances- A Case Study Involving San Diego Neighborhoods." Annual meeting of the AAG. Las Vegas, NV.
2008	"Landscapes of Participatory Dialogue: Participation and Geovisualization in AgoraXchange." Annual Meeting of the AAG. Boston, MA.
2008	Verutes, G., R. Burns "Visualizing Linguistic Variation within University Classroom Discourse." Annual Meeting of the AAG. Boston, MA.
2007	."..things seen are temporal, things unseen are eternal.." Association of Pacific Coast Geographers. Long Beach, CA. Co-presenters: Christopher Moreno, Sean Crotty, Steven Jareb, Mike Beland, Jenny Duncan, Karen Stahl.
2006	"Globalization and the Cultural Significance of Bookstores in Viet Nam." Undergraduate Presentation Showcase, Eastern Kentucky University. Poster presentation.
2005	"Is Small-town Kentucky Ready to Grow? Community Readiness for Growth and Development Along the I-75 Corridor." Posters-at-the-Capitol, Frankfort, KY. Poster presentation. Co-presented with Ricardo Hernandez.

Panel Participation & Sessions Organized

2018 (expected)	Panelist and Organizer. "Interdisciplinary Critical Data Studies". Annual Meeting of the Association for Information Science and Technology. Vancouver, BC. Collaboration with Blake Hawkins, Anna Hoffman, Andrew Ileadis, Jim Thatcher.
2018	Organizer and panelist. "My City Is Smarter than Yours: Deconstructing the Buzzwords". Annual Meeting of the AAG. New Orleans, LA. Organizer with Victoria Fast.

2018	Organizer. "Making Smarter Environments: The Environmental Politics and Practices of Smart Cities". Annual Meeting of the AAG. New Orleans, LA. Organizer with Anthony Levenda.
2018	Panelist. "The Role of Research Communication Outside of Academia". 55th Annual Geography Department Conference, University of Calgary: Calgary, AB.
2017	Organizer. "Urban-economic Perspectives on Technology". Annual Meeting of the AAG. Boston, MA. Organizer with Daniel Cockayne.
2017	Panelist. "Documenting Evidence for Human Rights Tribunals and Litigation Using Geographic Research and Tools." Annual Meeting of the AAG. Boston, MA.
2017	Panelist. "GIS Worker Co-ops: Prospects and Experiments". Annual Meeting of the AAG. Boston, MA.
2017	Panelist. "UBC Urban Studies Lab Panel 3 (Algorithms & Society): Interdisciplinary Theoretical Urban Inquiry." Annual Meeting of the AAG. Boston, MA.
2016	Organizer. "Hipster Geographies: Socio-spatial Practices, Politics, and Economies of Culture's Most Maligned Figure". Annual Meeting of the AAG. San Francisco, CA. Organizer with Cristina Temenos and Jesse McClelland. (2 sessions)
2016	Organizer. "Toward a Geographical Software Studies". Annual meeting of the AAG. San Francisco, CA. Organizer with Nick Lally. (4 sessions)
2015	Consultant. "Academic Partnerships with HOT". Humanitarian OpenStreetMap Team Summit. Organizer: Robert Soden.
2015	Organizer. "Critical Data, Critical Technology: in Theory." Annual meeting of the AAG. Chicago, IL. Organizer with Jim Thatcher and Craig Dalton. 2 sessions.
2015	Organizer. "Critical Data, Critical Technology: in Praxis." Annual meeting of the AAG. Chicago, IL. Organizer with Jim Thatcher and Craig Dalton.
2015	Organizer. "On the Political Economy of Geospatial Technologies." Annual meeting of the AAG. Chicago, IL. Organizer with Jim Thatcher and Craig Dalton.
2014	Panelist. "Publishing, not Perishing: A Student's Guide to Academic Publishing." Annual meeting of the AAG. Tampa, FL.
2014	Panelist. "alt.conference on Big Data: Lightning Panel." Annual meeting of the AAG. Tampa, FL.
2013	Organizer. "Whither Small Data?: The Limits of 'Big Data' and the Value of 'Small Data' Studies." Organizer with Jim Thatcher. Annual meeting of the AAG. Los Angeles, CA. Presenting panelists: Rob Kitchin, Jim Thatcher, Ralph Schroeder (Oxford Internet Institute, Oxford University), Taylor Shelton. Discussant: Andrés Monroy-Hernández (Microsoft Research).
2013	Organizer. "Critical Interventions into Gender & the Geoweb." Organizer with Monica Stephens. Annual meeting of the AAG. Los Angeles, CA. Presenting panelists: Brent Hecht,

Monica Stephens, Michele Masucci, Adrianne Wadewitz (Center of Digital Learning and Research, Occidental College).

2012   Organizer. "Connecting Grassroots to Government for Disaster Management: A Policy Roundtable." Organizer with Lea Shanley, John Crowley, and Alyson Lyons. Washington, DC. For list of panelists, see: http://www.wilsoncenter.org/sites/default/files/GrassrootstoGovernmentAgenda-9.9.12_0.pdf

2011-2012   Organizer. Series of 6 panels and roundtables on "Making the University Public", a Graduate Interest Group through the Simpson Center for the Humanities, UW. Seattle, WA. Panels included: Susan Jeffords (Vice Chancellor for Academic Affairs, UW – Bothell), Kari Lerum (UW – Bothell), Tad Hirsch (Design, UW), Jentery Sayers (English, University of Victoria), John Vallier (UW Libraries), Richa Nagar (Department of Gender, Women, and Sexuality Studies, University of Minnesota).

2011   Organizer. "Critical Perspectives on Software & Space." Organizer with Joe Eckert. Annual meeting of the AAG. Seattle, WA. Presenting panelists: Mark Graham, Matt Zook, Rob Kitchin, Wendy Chun (Modern Culture and Media, Brown University). Chair: Sarah Elwood. Discussant: Matt Wilson.

Discussant

2014   "Disaster Time: Critical Perspectives on Crisis Informatics and the Temporal Aspects of Disasters." Annual meeting of the AAG. Tampa, FL. Organized by Barbara Poore and Sophia Liu. Presenters: Katrina Petersen (Communication, University of California – San Diego), Megan Finn (Microsoft Research, University of Washington), Sophia Liu (USGS).

2013   "Critical Interventions into Gender & the Geoweb." Annual meeting of the AAG. Los Angeles, CA. Presenting panelists: Brent Hecht, Monica Stephens, Michele Masucci, Adrianne Wadewitz (Center of Digital Learning and Research, Occidental College).

2013   "Crowdsourcing Crisis in the GeoWeb: A Critical Look." Annual meeting of the AAG. Los Angeles, CA. Organized by Barbara Poore and Sophia Liu. Presenters: Katrina Petersen (Communication, University of California – San Diego), Andrés Monroy-Hernández (Microsoft Research), Megan Finn (Microsoft Research), Cameran Ashraf (University of California – Los Angeles).

Conference Organization

2018 (expected) Organizer. 13th Annual Critical Geographies Mini-conference. University of Calgary.

2017   Co-organizer. "Emerging Theories in Critical Cartography and GIS". Workshop concurrent with the North American Cartographic Information Society. Montreal, QC. Organizer with Renee Sieber, Jim Thatcher, Britta Ricker, and Luke Bergmann.

2017	Co-organizer. "The Social and Environmental Implications of Smart Cities: a Global Comparative Research Agenda". Workshop at University of Calgary. Co-organizers: Byron Miller, Victoria Fast, Anthony Levenda, Eliot Tretter, Jack Lucas, Frank Towers, Dean Curran.

Teaching

University of Calgary

2019 (expected)	Arts and Sciences Honours Academy – Capstone Course
2019 (expected)	Smart Cities Asia: Geography Field School (study abroad)
2018 (expected)	Introduction to Geospatial Methods
2017-2018	Advanced Research and Applications in GIS (graduate course; 2 sections)
2017-2018	Urban and Environmental GIS (2 sections)
2017	Geographic Field Study Methods

Temple University

2016	Web and Mobile GIS (2 sections)
2015-2016	Digital Mapping (2 sections)
2015-2016	Fundamentals of GIS (3 sections)

University of Washington

2015	GIS Databases and Programming
2014	Cultural Geography
2013	The Making of World Regions (Online course)
2012	Urban GIS

Invited Lectures

2017-2018	2 guest lectures in GEOG 231: Introduction to Geospatial Methods (UofC)
2017	Simon Fraser University guest lecture, GSWS 399: Gender, Sex and Numbers
2016-2017	2 guest lectures in GEOG 340: Qualitative Methods in Human-Environment Research (UofC)
2016-2017	4 guest lectures in GEOG 463: Cities, Poverty, and Development (UofC)
2016	Guest lecture in ENST 2097: Research Design in Environmental Studies (TU)
2015	Seminar host in Data Science for Social Good program (UW)
2014	Guest lecture in GEOG 360: Introduction to GIS (UW)
2014	Guest lecture in GEOG 277: Geographies of Cities (UW)

2012	Guest lecture in GEOG 469/569: GIS Workshop (UW)
2012	Guest lecture in GEOG 461/561: Urban GIS (UW)
2010	"Participatory Mapping" Imagining America Site Visit (UW)

Advising

Post-doctoral mentorship

2017-present **Anthony Levenda**, PhD, Department of Geography, University of Calgary
- Social and Political Implications of Smart Cities, PI: Byron Miller.
- Provided informal support, mentorship, and guidance for this position.

2017-present **Morgan Mouton**, PhD, Department of Community Health Sciences, University of Calgary
- Post-Doctoral Fellowship in Human-Animal Studies, Urban Studies, PI: Melanie Rock.
- Provided formal mentorship to position: invited as guest lecture, reviewed application materials, and tasked with work related to the "Open Data for a Smarter City" project.

Graduate supervision

2018-present **Joyce Percel**, PhD student, Geography, University of Calgary. Co-supervior

2017-present **Dare Adeyemi**, Master of Arts, University of Calgary. Supervisor
- Awarded the Queen Elizabeth II Scholarship ($10,800)

2017-present **Angela Ambrose**, Master of Arts, University of Calgary. Supervisor
- I am directing a one-on-one readings course to help Ms. Ambrose prepare for her graduate studies under my supervision.
- Awarded the Queen Elizabeth II Scholarship ($10,800)

2017-present **Prakash Gautam**, Master in GIS, University of Calgary. Supervisor

2017-present **Blake Hawkins**, PhD student, Interdisciplinary Studies, University of British Columbia
- HASTAC Scholar project "Queering Ontologies of (Meta)data".

2016-present **Karina Oliveira**, Master of Science, University of Calgary. Co-supervisor

2016-2017 **Francisco Uribe**, PhD, University of Calgary. External committee member

2015-2016 **Jing-Huei Huang**, MA. Community service GIS project, Supervisor
- "The Practice Use of Geographic Information System (GIS): East Falls Village – Identify Existing and Target Members".
- Now in a PhD program at University of North Carolina.

Undergraduate supervision

2017-present **Grace Wark**, undergraduate honors thesis project.
- Recipient of the City of Calgary's $1,000 Student Scholarship to attend the Canadian Open Data Summit.

2017-present **Dante Renato Bencivenga**. University of Calgary Scholars Academy Mentorship program.

2016 **Jessica Waldinger**, Spring 2016 CARAS Project Grant. Supervisor.
- Now in a master's degree program at University of Saskatchewan.

Professional Service

2017-present	International Advisory Board, *ACME: International Journal for Critical Geographies*
2017-present	Master's in GIS (MGIS) Renewal Committee
2017-2018	College of Reviewers applicant – reviewer (twice)
2018	Hiring committee, Faculty of Environmental Design
2016	Program Committee for *Spatial Knowledge and Information – Canada 2017*
2015-2016	Professional Science Master's in GIS Steering Committee, *Temple University*
2013-2014	Secretary and Treasurer, *Geographic Information Systems & Science Specialty Group of the AAG*
2012-2013	Student Representative, *Geographic Information Systems & Science Specialty Group of the AAG*
2012-2013	Leadership Collective Member, *Socialist & Critical Geography Specialty Group of the AAG*
2012-2013	Research Assistant, *Commons Lab, Woodrow Wilson International Center for Scholars*
2008-2012	Webmaster, *Socialist & Critical Geography Specialty Group of the AAG*
2011-2012	Primary Project Liaison, "Making the University Public" Graduate Interest Group
2011-2012	Graduate Policy Committee Representative, Department of Geography, UW
2010-2011	Co-president (with Chris Lizotte) of the Geography Dept Graduate Student Association

Manuscript Reviews

ACME: An International E-Journal for Critical Geographies (x2)
Big Data & Society
Canadian Geographer
Cartographica
Computational Culture
Geoforum
GeoJournal (x3)
Geography Compass (x3)
International Journal of Applied Geospatial Research
International Journal of Disaster Risk Reduction
Journal of Urban Technology
Mitacs Accelerate Research Proposal
National Science Foundation (NSF) Standard Grant Application (x2)
New Media & Society
Philosophical Transactions
Plenum: A Journal of Geography (x2)
Transactions on Emerging Topics in Computing

C o m m u n i t y   a n d   P u b l i c   S c h o l a r s h i p

2018   Participant, "Open Data Community of Practice" workshop. City of Calgary, AB.

2018   Organizer, "YYC Data Collective Launch Workshop". Community engagement session for YYC Data Collective, in collaboration with local volunteer and research organizations.

2018   Reviewer and Panelist for The Urban Research Network Graduate Student Publishing Workshop

2018   Participant in Department of Geography Academic Writing Month Workshop.

2017   Judge for the Department of Geography's 54th Annual Conference

2017   2-day University of Calgary map-a-thon for Geography Awareness Week and GIS Day, contributing to Building Canada 2020.

2017   Coverage of research in UToday (U of Calgary campus newsletter). "Transforming the Role of Academic Libraries in the Research Enterprise." http://bit.ly/2xA1ir2.

2015   Formatting and Sharing Your Syllabus with Markdown and Github. Invited workshop at Temple University, 10/30/2015.

2014   Impact Evaluation Framework public portfolio, in partial fulfillment of graduate certificate in public scholarship.

2013   Interview for the Digital Humanitarian Network, "Guidance for Collaborating with Formal Humanitarian Organizations." http://app.box.com/s/w25sqotkg4qc2f2ch1ii.

2012-2013   Participation in various digital humanitarian activations (Samoa, Dominican Republic, Typhoon Bopha)

2012   Interview for *Simpson Center for the Humanities News*, "Doctoral Student Ryan Burns Selected to Present on Digital Scholarship at UW HuskyFest 2012." http://bit.ly/HUCIQS.

2012   Interview for *UW Today*, "UW Leads in Connecting Scholarship with Community." http://bit.ly/yQ77sX.

2011   Attended Imagining America public scholarship conference. Coverage in "Certificate in Public Scholarship Fellows Represent UW at Imagining America Conference." *Simpson Center for the Humanities Center News.* http://bit.ly/IgG6bl.

2010   Volunteered in "Participatory Mapping" Imagining America conference site visit

2005   Coverage of volunteer research work in "Researchers Hope to Map, Identify Graves in Abandoned Cemetery." *Diverse Issues in Higher Education*. http://bit.ly/Jx7d2h.

S i g n e d   a n d   d a t e d :

Ryan Burns, PhD

April 15, 2018