

Ryan L. Burns

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Education

- 2009-present Ph.D., Geography
University of Washington
Committee: Sarah Elwood, Mark Ellis, Vicky Lawson; external: Jin-Kyu Jung
Dissertation title: *The Inequality of the Geospatial Web: How Emerging Geographic Technologies Influence Humanitarian Practices*
- 2010-present Public Scholarship program, Simpson Center for the Humanities, UW
- 2013 Oxford Internet Institute Summer Doctoral Programme
i-School, University of Toronto, Canada
- 2011 Bergen Summer Research School
University of Bergen, Norway
- 2009 M.S., Geographic Information Science
San Diego State University
Committee: André Skupin, Stuart Aitken, Eniko Csomay (Linguistics)
Thesis title: *Spatializing Places, People, and Utterances – A Case Study Involving San Diego Neighborhoods*
- 2006 B.A., Geography, Magna Cum Laude
Eastern Kentucky University

Affiliations

HASTAC Scholar, *Humanities, Arts, Science, and Technology Alliance and Collaboratory (HASTAC)*
Secretary and Treasurer, *Geographic Information Systems and Science Specialty Group of the AAG*
Leadership Collective Member, *Socialist & Critical Geography Specialty Group of the AAG*
Research Assistant, *Commons Lab, Woodrow Wilson International Center for Scholars*
Member, *Standby Task Force*
Member, *Gamma Theta Upsilon (international geographic honorary society)*
Member, *Association of American Geographers (AAG)*

Grants, Fellowships, and Awards

- 2013 United Nations Office for the Coordination of Humanitarian Affairs: “Humanitarian Research and Innovation Grant” (\$4000)
- 2013 UW Graduate School Gerlach Award (~\$3,000)
- 2011-2012 Simpson Center for the Humanities Graduate Interest Group Funding (\$1,000)

2011	Simpson Center for the Humanities Travel Funds (\$750)
2011	Howard Martin Research Grant (\$556)
2011	UW Graduate School Fund for Excellence and Innovation (\$500)
2011	UW Graduate & Professional Student Senate Travel Fund (\$250)
2009	International Cartographic Association (ICA) Travel Scholarship (\$1,800)
2009	UW Geography Top Scholar Award (1 year of funding: ~\$9,000)
2009	Cartography & Geographic Information Society (CaGIS) Master's Award (\$500)
2007	SDSU McFarland Award (\$6,600)
2007	SDSU Map Design Competition winner (\$50)
2005	School for International Training – “Culture, Language, and Development in Vietnam” research scholarship (\$5,000)

Publications

Peer Reviewed Articles

2013	<u>Burns, Ryan</u> , A. Skupin. Towards Qualitative Geovisual Analytics: A Case Study Involving Places, People, and Mediated Experience. <i>Cartographica</i> 48(3): 157-176.
In press	Shanley, Lea, <u>R. Burns</u> , Z. Bastian, E. Robson. Tweeting Up a Storm: The Promise and Perils of Crisis Mapping. <i>Photogrammetric Engineering & Remote Sensing</i> .
In press	<u>Burns, Ryan</u> , D. Meek. “The Politics of Knowledge Production in the Geoweb.” Special Issue of <i>ACME: An International E-Journal for Critical Geographies</i> .
In review	<u>Burns, Ryan</u> , J. Thatcher. “What’s So Big about Big Data? Finding the Spaces and Perils of Big Data.” Special Issue of <i>Geojournal</i> .
In review	<u>Burns, Ryan</u> . Moments of Closure in the Knowledge Politics of Digital Humanitarianism. <i>Geoforum</i> .

Conference Proceedings and White Papers

In press	<u>Burns, Ryan</u> , L. Shanley. Connecting Grassroots to Government for Disaster Management: Workshop Summary. Woodrow Wilson International Center for Scholars.
2012	<u>Burns, Ryan</u> . Connecting Grassroots to Government for Disaster Management. Woodrow Wilson International Center for Scholars. http://bit.ly/OC4kmD (last accessed 9/18/2012).
2009	<u>Burns, Ryan</u> , 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).

Maps

2011	Collection of 5 maps/screenshots from the <i>Mapping Youth Journeys</i> project website. In K. Mitchell, S. Elwood, “Creating Engaged Students and Civic Actors through Mapping Local History,” <i>Journal of Geography</i> 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

- 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.

Organized panels

- 2013 “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 “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, Adrienne Wadewitz (Center of Digital Learning and Research, Occidental College).
- 2012 “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 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 “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

- 2013 “Critical Interventions into Gender & the Geoweb.” Annual meeting of the AAG. Los Angeles, CA. Presenting panelists: Brent Hecht, Monica Stephens, Michele Masucci, Adrienne 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 – Santa Barbara), Andrés Monroy-Hernández (Microsoft Research), Megan Finn (Microsoft Research), Cameran Ashraf (University of California – Los Angeles).

Additional Research and GIS Activities

- 2009-2012 Research Assistant: Dr. Sarah Elwood, *Mapping Youth Journeys*
- 2009-2010 Assistant: Dr. Katharyne Mitchell, *Top This Parenting*
- 2008-2009 GIS Specialist: Helix Environmental Planning, Inc.
- 2007 GIS Analyst/Cartographer: Baja Directions (bathymetric cartography company)
- 2006-2007 SDSU Geography Graduate Assistant: Dr. Kathleen Farley
- 2006-2007 GIS Analyst: IGIS Technologies, Inc. (GIS services consulting company)
- 2005 Volunteer Assistant: Dr. Dan Weir, mapping a derelict cemetery for future renovation and restoration. My particular involvement was to map the gathered GPS coordinates.
- 2003-2006 Assistant: Dr. David Zurick, researching culture change in the Himalayas based on US-based travel agencies there.

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| 2003-2006 | Assistant: Dr. Bruce Davis, producing an online atlas of the South Pacific using ArcScan and ArcIMS. |
| 2005 | Independent study in Viet Nam. Used MapInfo and ArcMap to map bookstores in Ho Chi Minh City. I combined this with 30 interviews, delving into bookstores' cultural significance to Viet Nam. |
| 2005 | Senior thesis, expanding on the independent study, but focusing on how cultural globalization is affecting the influence of bookstores in Viet Nam. Presented at ECU in December, 2005. |

Teaching

Full Courses

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| 2013 | GEOG 102: "Introduction to World Regions" |
| 2012 | GEOG 461: "Urban GIS" |

Invited Lectures

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

Teaching Assistant

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| 2012 | UW Geography Teaching Assistant: <i>Urban GIS, GIS Workshop</i> |
| 2007-2008 | SDSU Geography Teaching Assistant: <i>Introduction to GIS</i> (twice), <i>Map Investigation</i> , and <i>Animated Cartographic Design</i> |

Manuscript Reviews

Geography Compass

Plenum: A Journal of Geography (x2)

International Journal of Applied Geospatial Research

US National Report to the International Cartographic Association

Additional Professional Service

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| 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 |
| 2007-2008 | SDSU Geography Colloquium Planning Committee |
| 2002-2006 | EKU Honors Program scholar |
| 2002-2004 | EKU Geography Club President once and Secretary twice |

Mentions in Press

- 2013 “Guidance for Collaborating with Formal Humanitarian Organizations.” *Digital Humanitarian Network*. Retrieved 8/13/2013 from <http://app.box.com/s/w25sqotkg4qc2f2ch1ii>.
- 2012 “Doctoral Student Ryan Burns Selected to Present on Digital Scholarship at UW HuskyFest 2012.” *Simpson Center for the Humanities Center News*. Retrieved 4/22/2012 from <http://bit.ly/HUCIQS>.
- 2012 “UW Leads in Connecting Scholarship with Community.” *UW Today*. Retrieved 4/22/2012 from <http://bit.ly/yQ77sX>.
- 2011 “Certificate in Public Scholarship Fellows Represent UW at Imagining America Conference.” *Simpson Center for the Humanities Center News*. Retrieved 4/22/2012 from <http://bit.ly/IgG6bl>.
- 2005 “Researchers Hope to Map, Identify Graves in Abandoned Cemetery.” *Diverse Issues in Higher Education*. Retrieved 4/22/2012 from <http://bit.ly/Jx7d2h>.

References

- Sarah Elwood, Professor of Geography, University of Washington
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- Vicky Lawson, Professor of Geography, University of Washington
206-543-5196; lawson@uw.edu
- Mark Ellis, Professor of Geography, University of Washington
206-616-6207; ellism@uw.edu