

Ryan L. Burns

<http://burnsr77.github.io> · burnsr77@gmail.com · 859-582-9125

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 Certificate in Public Scholarship, 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)*
Member, *Standby Task Force*
Member, *Gamma Theta Upsilon (international geographic honorary society)*
Member, *International Association of Emergency Managers*
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

2014	<u>Burns, Ryan</u> . Moments of Closure in the Knowledge Politics of Digital Humanitarianism. <i>Geoforum</i> 53 (2): 51-62.
2013	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> 79 (10): 865-879.
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	<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> .
Accepted	<u>Burns, Ryan</u> . "Rethinking Big Data in Digital Humanitarianism: Practices, Epistemologies, and Social Relations." <i>GeoJournal</i> .
Accepted	<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> .

Conference Proceedings and White Papers

2013	<u>Burns, Ryan</u> , 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	<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 3 maps] In Ramamurthy, P., "Rearticulating Caste: The Global Cottonseed Commodity Chain and the Paradox of Smallholder Capitalism in South India," <i>Environment and Planning A</i> 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

- 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

- 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, Adrienne 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, 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 – San Diego), 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.
- 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

- 2014 GEOG 301: "Cultural Geography"
- 2013 GEOG 102: "The Making of World Regions"
- 2012 GEOG 461: "Urban GIS"

Invited Lectures

- 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

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

Manuscript Reviews

GeoJournal

Cartographica

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

- | | |
|-----------|---|
| 2013-2014 | Secretary and Treasurer, <i>Geographic Information Systems and Science Specialty Group of the AAG</i> |
| 2012-2013 | Leadership Collective Member, <i>Socialist & Critical Geography Specialty Group of the AAG</i> |
| 2012-2013 | Research Assistant, <i>Commons Lab, Woodrow Wilson International Center for Scholars</i> |
| 2008-2012 | Webmaster, <i>Socialist & Critical Geography Specialty Group of the AAG</i> |
| 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." <i>Digital Humanitarian Network</i> . 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." <i>Simpson Center for the Humanities Center News</i> . Retrieved 4/22/2012 from http://bit.ly/HUCIQS . |
| 2012 | "UW Leads in Connecting Scholarship with Community." <i>UW Today</i> . Retrieved 4/22/2012 from http://bit.ly/yQ77sX . |
| 2011 | "Certificate in Public Scholarship Fellows Represent UW at Imagining America Conference." <i>Simpson Center for the Humanities Center News</i> . Retrieved 4/22/2012 from http://bit.ly/IgG6bl . |
| 2005 | "Researchers Hope to Map, Identify Graves in Abandoned Cemetery." <i>Diverse Issues in Higher Education</i> . Retrieved 4/22/2012 from http://bit.ly/Jx7d2h . |

R e f e r e n c e s

Sarah Elwood, Professor of Geography, University of Washington
206-616-5238; selwood@uw.edu

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