

# Ryan L. Burns

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## Education

- 2009-present Ph.D. Geography  
University of Washington  
Committee: Sarah Elwood, Mark Ellis, Vicky Lawson
- 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  
Adviser: David Zurick

## Institutional Affiliations

- 2013 Oxford Internet Institute Summer Doctoral Programme (admitted)  
i-School, University of Toronto, Canada
- 2012-present Science and Technology Innovation Program (Intern)  
Woodrow Wilson International Center for Scholars, Washington, DC
- 2010-present Graduate Certificate in Public Scholarship  
Simpson Center for the Humanities, University of Washington  
Adviser: Phillip Thurtle (Comparative History of Ideas)
- 2011 Bergen Summer Research School  
University of Bergen, Norway

## Publications

### Articles

- 2013 Burns, Ryan, L. Shanley. Connecting Grassroots to Government for Disaster Management: Workshop Summary. Woodrow Wilson International Center for Scholars. (In press)
- 2013 Shanley, Lea, R. Burns, Z. Bastian, E. Robson. Tweeting Up a Storm: The Promise and Perils of Crisis Mapping. *Photogrammetric Engineering & Remote Sensing*. Accepted.
- 2012 Burns, Ryan, A. Skupin. Towards Qualitative Geovisual Analytics: A Case Study Involving Places, People, and Mediated Experience. *Cartographica*. Accepted.
- 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).
- 2012 Burns, Ryan, D. Meek. "The Politics of Knowledge Production in the Geoweb". Special Issue of *ACME: An International E-Journal for Critical Geographies*. Accepted.
- 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).

### Maps

- 2011 Collection of 5 maps/screenshots from the *Mapping Youth Journeys* project website. In K. Mitchell, S. Elwood, "Engaging Students through Mapping Local History," *Journal of Geography*. *In press*.
- 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.

## **Leadership Positions Held**

- 2012-present Student Representative of the GISS Specialty Group of the AAG
- 2008-2012 Webmaster and leadership collective, 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 ECU Honors Program scholar
- 2002-2004 ECU Geography Club President once and Secretary twice

## **Teaching Experience**

### *Full Courses*

- 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

## **Professional Presentations**

### *Organized panels*

- 2013 "Whither Small Data?: The Limits of "Big Data" and the Value of "Small Data" Studies. Annual meeting of the AAG. Los Angeles, CA.
- 2013 "Critical Interventions into Gender & the Geoweb". Organizer with Monica Stephens. Annual meeting of the AAG. Los Angeles, CA.
- 2012 "Connecting Grassroots to Government for Disaster Management: A Policy Roundtable". Organizer with Lea Shanley, John Crowley, and Alyson Lyons. Washington, DC.
- 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.
- 2011 "Critical Perspectives on Software & Space". Organizer with Joe Eckert. Annual meeting of the AAG. Seattle, WA.

### *Presentations*

- 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.

## **Awards and Achievements**

- 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 Grant (\$556)
- 2011 UW Graduate School Fund for Excellence and Innovation (\$500)
- 2011 UW Graduate & Professional Student Senate Travel Fund (\$250)
- 2009 UW Geography Top Scholar Award (1 year of funding: about \$9,000)
- 2009 International Cartographic Association (ICA) Travel Scholarship (\$1,800)
- 2009 Cartography & Geographic Information Society (CaGIS) Master’s Award (\$500)
- 2007 SDSU McFarland Award (\$6,600)
- 2007 SDSU Map Design Competition winner (\$50)
- 2006 ECU Milos Sebor Scholarship (\$150)
- 2005 ECU Milos Sebor Scholarship (\$200)
- 2002-2006 President’s List (4.0 GPA) once, and Dean’s List (3.6 GPA) five times.
- 2005 School for International Training – “Culture, Language, and Development in Vietnam” travel scholarship (\$5,000)

## Academic Research and GIS Experience

- 2009-2012 Research Assistant: Dr. Sarah Elwood, *Mapping Youth Journeys*
- 2009-2010 Assistant: Dr. Katharyne Mitchell, *Top This Parenting*
- 2007-2008 SDSU Geography Teaching Assistant: Dr. André Skupin, taught *Intro to GIS* (twice), *Map Investigation*, and *Animated Cartographic Design*
- 2006-2007 SDSU Geography Graduate Assistant: Dr. Kathleen Farley
- 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.

## Mentions in Press

- 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>.

## Honorary and Professional Memberships Held

### *Present:*

Standby Task Force (SBTF)  
Association of American Geographers (AAG)  
Gamma Theta Upsilon (international geographic honorary society).

### *Past:*

- 2007-2009 Association for Computing Machinery (ACM)
- 2007-2008 Association of Pacific Coast Geographers (APCG)
- 2004-2005 Association for Asian Studies (AAS)
- 2003-2004 Southeast Division of the AAG (SEDAAG)

## Peer Reviews Provided

*Geography Compass*

*Plenum: A Journal of Geography (x2)*  
*International Journal of Applied Geospatial Research*  
*US National Report to the International Cartographic Association*

## **Non-Academic Work Experience**

- GIS Specialist (August 2008-July 2009)  
Helix Environmental Planning, Inc.; Justin Palmer (619)462-1515  
Summary of Duties: Creating high-quality environmental, engineering, and governmental maps for a variety of clients. Providing spatial analysis related to transportation planning, construction engineering, sensitive/endangered species protection, wetland mitigation, and environmental monitoring. Utilizing advanced editing techniques, complex cartographic principles, and various software programs. CEQA & NEPA report generation.
- GIS Analyst/Cartographer (July 2007-August 2007)  
Baja Directions; Chris Reed (858)793-9295  
Summary of Duties: Creating, maintaining, and updating bathymetric and recreational maps; creating and maintaining large geographic databases; handling large raster and vector datasets. Temporary position.
- GIS Analyst (July 2006-January 2007)  
IGIS Technologies, Inc.; Andres Abeyta (619)640-2330  
Summary of Duties: Project manager for BIA in Alaska, editing, attributing, and digitizing land parcels from development plats; textbook editing; writing chapters of a new textbook on ArcMap 9.2. Textbook writing and editing required exhaustive knowledge of geodatabases, ArcCatalog, ArcToolbox, and ModelBuilder, as well as excellent writing and communication skills.
- GIS Intern (February 2006-June 2006)  
City of Berea, KY; Paul Schrader (859)302-2449  
Summary of duties: Update city maps; GPS gathering of new data; analysis of land use data through AutoCAD, GeoSync (local GIS software), and Excel; other GIS work using AutoCAD Map and other GeoSync/GIS software.

Personal references available upon request.