

**Benjamin L. Blandford**  
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### **Professional Employment**

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- 2012-            Research Associate, Kentucky Transportation Center.
- 2014-            Adjunct Professor, Department of Social Sciences, Midway College
- 2006-2012      Graduate Research Assistant, Kentucky Transportation Center. Dr. Ted Grossardt, Program Manager.

### **Education**

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- 2009-            Ph.D. Candidate, University of Kentucky, Department of Geography. Anticipated completion date in Fall semester, 2014. Dr. Richard Schein, Advisor.
- 2007            M.A., University of Kentucky, Department of Geography. Dr. Richard Schein, Advisor.
- 2000            B.A., University of Kentucky, Double Major: Geography and Sociology. Graduated Cum Laude with Departmental Honors in Geography and Sociology. Dr. John Watkins, Advisor.

### **Publications**

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#### *Peer Reviewed*

- 2012            “Stream Habitat Modeling for Conserving a Threatened Headwater Fish in the Upper Cumberland River, Kentucky.” *River Research and Applications*, 1-9 (with L. Liang, S. Fei, J. Ripy, and T. Grossardt).
- 2011            “Planning, Technology and Legitimacy: the Role of Structured Public Involvement (SPI) in Integrated Transportation and Land Use Planning in the United States.” *Environment and Planning B: Planning and Design* 38(3), 447-467 (with K. Bailey, T. Grossardt, and J. Ripy).
- 2008            “Integrated Transportation and Land Use Scenario Modeling Using Casewise Visual Evaluation: Case Study Jeffersonville, IN.” *Transportation Research Record: Journal of the Transportation Research Board*, No. 2076, 192-199 (with T. Grossardt, J. Ripy, and K. Bailey).

#### *Submitted for peer review*

- 2014            “An Intermodal Network Model of Coal Distribution in the United States.” *Revised and resubmitted to the Transportation Research Record.* (with J. Ripy and M. Shouse).

### *Manuscripts under development*

- 2014 “Assessing the neighborhood impacts of commuter rail stations.” (with T. Brock and R. Souleyrette). To be submitted to the *Journal of Public Transportation*
- 2014 “GIS predictive habitat modeling for the Kentucky arrow darter.” (with J. Ripy and M. Shouse). To be submitted to *River Research and Applications*
- 2014 “Festival and protest in the River City.” To be submitted to the *Journal of Urban Geography*

### *Conference proceedings*

- 2013 “GIS-Based Expert Systems Model for Predicting Habitat Suitability of Blackside Dace in Southeastern Kentucky.” *TRB Annual Meeting Compendium of Papers*, paper #13-5059 (with J. Ripy and T. Grossardt).
- 2010 “Use of Structured Public Involvement for Identifying Community Preferences for a Superfund Site End State Vision.” *Proceedings of World Environmental Water Congress*. Providence, RI. American Society of Civil Engineers (with T. Grossardt, K. Bailey, and J. Ripy).
- 2008 “Imagining Community: Using Structured Public Involvement (SPI) in Development Planning.” *Proceedings of ACSP-AESOP 4<sup>th</sup> Joint Congress*, paper #446, Chicago, IL (with T. Grossardt and K. Bailey).

### *Research Reports*

- 2013 “Intercounty Commuter Public Transit Services and Opportunities in the Central Bluegrass.” Kentucky Transportation Center (with T. Grossardt and M. Chen).
- 2013 “Future of Transit in West Virginia.” Rahall Transportation Institute, Marshall University (with D. Long, K. Sowards, J. Matthews, and T. Litteral).
- 2011 “Community Visions for the Paducah Gaseous Diffusion Plant Site.” Kentucky Research Consortium for Energy and the Environment (with L. Ormsbee, T. Grossardt, C. Anyaegbunam, A. Hoover, K. Bailey, and J. Ripy).
- 2011 “States Support of Non-Highway Modes of Transportation: Investigation and Synthesis.” Kentucky Transportation Center (with C. Knowles, C. Wallace, T. Brock, and A. Martin).
- 2010 “A GIS-Driven Predictive Habitat Model for Threatened and Endangered Species: Case Study Using Blackside Dace.” Kentucky Transportation Center (with J. Ripy, T. Grossardt, and J. Duan).
- 2008 “Community Preferences for Integrated Land Use and Transportation Planning Toward Updating the Jeffersonville Comprehensive Plan.” Kentucky Transportation Center (with T. Grossardt, K. Bailey, and J. Ripy).

### *Book Reviews*

- 2008 Blandford, B.L. “Review of *Mexican New York: Transnational Lives of New Immigrants* by Robert Courtney Smith.” 2008. *disClosure 17: Roots & Routes*.

## Presentations

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- 2014 “National pattern of coal shipments in the U.S.”. Presented at Mid-Continent Transportation Research Forum, Madison, WI.
- 2013 “Democracy, Public Participation, and Planning at a Uranium Enrichment Facility: Future Visioning for the Paducah Gaseous Diffusion Plant.” Presented at Association of American Geographers Annual Meeting, Los Angeles, CA.
- 2013 “An Intermodal Network Model of Coal Shipments in the U.S.” Presented at the Annual Meeting of the Ohio River Basin Alliance, Louisville, KY.
- 2013 “GIS-Based Expert Systems Model for Predicting Habitat Suitability of Blackside Dace.” Poster presented at Transportation Research Board 92<sup>nd</sup> Annual Meeting, Washington DC.
- 2013 “The National Distribution of Coal Shipments in the U.S.” Presented at the annual joint West Virginia Department of Transportation, Metropolitan Organizations, and Federal Highways Administration Planning Conference, Weirton, WV.
- 2012 “Structured Public Involvement: Turning Public Participation into Solutions.” Presented at the Statewide Transportation Planning Meeting, Lebanon, KY, hosted by Kentucky Transportation Cabinet.
- 2011 “Future Visioning Strategies for Nuclear Site Remediation in Paducah, KY.” Presented at the Association of American Geographers Annual Meeting, Seattle, WA.
- 2010 “From Celebration to Condemnation: Derby Cruising in Louisville, KY.” Presented at the Association of American Geographers Annual Meeting. Washington D.C.
- 2009 “Derby Cruising in Louisville, KY: Historical Origins of a Contested Urban Festival.” Presented at the Southeast Division of the Association of American Geographers Annual Meeting. Knoxville, TN.
- 2008 “Immigration, Transition, and Transgression: The Cultural Landscapes of Cardinal Valley.” Presented at the Indiana University Graduate Student Conference in Landscape Studies: Landscape, Space, and Place. Bloomington, IN.
- 2008 “Integrated Transportation and Land Use Scenario Modeling Using Casewise Visual Evaluation: Case Study Jeffersonville, IN.” Presented at the Transportation Research Board 88<sup>th</sup> Annual Meeting. Washington D.C.
- 2007 “Structured Public Involvement in Land Use Planning.” Presented at the Association of American Geographers Annual Meeting. San Francisco, CA.
- 2006 “Land Use Planning: Gathering Public Input Using Software Visualizations.” Presented at the Regional Smart Growth Conference: Bridging Boundaries – Building Great Communities. Louisville, KY.

## **Research Projects – Kentucky Transportation Center**

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2013-	Threatened and Endangered Species Habitat GIS Modeling: Phase II Kentucky Arrow Darter
2012-14	Multimodal Transportation and Infrastructure Consortium (MTIC): GIS Modeling of Intermodal Waterways and Rail Freight Shipping
2012-14	MTIC: Economic Impact of Inland Waterways Freight Transportation
2012-13	Rahall Transportation Institute: Future of Transit in West Virginia
2011-12	KTC: Regional Transit Study for the Lexington-Fayette Commutershed
2011	Kentuckians for Better Transportation: Identifying State Initiatives to Support Non-Highway Modes of Transportation
2009-11	U.S. Department of Energy: The Paducah Gaseous Diffusion Plant Future State Visioning Project
2009-10	Kentucky Transportation Cabinet: GIS-based Predictive Modeling of Potential Habitats of the Endangered Blackside Dace
2009	City of Louisville, KY: Public Participation in Support of Planning and Design for the River Road Corridor
2009	Kentucky Department of Agriculture: Survey Design and Database Construction for Gathering and Analyzing Logistics Concerns of Kentucky Proud Producers
2006-08	City of Jeffersonville, Indiana: Public Participation in Support of Updating the City's Comprehensive Plan

## **Teaching**

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2014	World Regional Geography. Class taught for Midway College, Department of Social Sciences, Spring 2014
2015	World Regional Geography. To be taught <u>online</u> for Midway College, Department of Social Sciences, Spring 2015

## **Awards and Honors**

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2008	Greg Herrington Award for Excellence in Visualization Research; National Academies, Transportation Research Board Committee on Visualization Research
2005–08	Daniel R. Reedy Quality Achievement Fellowship Award; University of Kentucky
2000	Gamma Theta Upsilon, International Geographical Honor Society
2000	Alpha Kappa Delta, International Sociology Honor Society
2000	The Commonwealth Scholarship, University of Kentucky

## **Professional Memberships**

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Association of American Geographers (AAG)

- Urban Geography Specialty Group
- Cultural Geography Specialty Group
- Transportation Geography Specialty Group
- Regional Development and Planning Specialty Group

Urban and Regional Information Systems Association (URISA)

## **Professional Service**

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- 2014- Journal submission peer reviewer for the *Transportation Research Record*
- 2013- Friend of the Committee on Public Involvement, Transportation Research Board, National Academies of Sciences
- 2008-09 Correspondence Editor, *disClosure: A Journal of Social Theory*
- 2008-09 Peer reviewer for submitted articles to *disClosure: A Journal of Social Theory*
- 2007-08 Secretary, Geography Graduate Student Union, University of Kentucky
- 2006-07 Graduate Student Representative, Committee for Minority Recruitment, Department of Geography, University of Kentucky

## **Certification**

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- 2008 Graduate Certificate in Transportation Management Systems, University of Kentucky