

# CANDICE Y. WALLACE

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## EDUCATION

PHD CANDIDATE

DEPARTMENT OF GEOGRAPHY

*University of Kentucky*

DISSERTATION TITLE: "Firm Characteristics and Organizational Change: The Effects of Electronic Commerce in the U.S. Manufacturing Industry"

GRADUATE CERTIFICATE

2004-2005

Transportation Systems Planning and Management

*Lexington, KY*

*University of Kentucky*

*College of Engineering*

MASTERS OF PUBLIC ADMINISTRATION

*University of Kentucky*

2002-2005

*Martin School of Public Policy and Administration*

*Lexington, KY*

Area of Concentration: Public Policy

GPA: 3.5

B.A. IN POLITICAL SCIENCE

1998-2002

*University of Kentucky*

*Lexington, KY*

Minor: History

GPA: 3.5 (*cum laude*)

Honors: Departmental honors

## PROFESSIONAL WORK EXPERIENCE

RESEARCH ASSOCIATE

June 2004- Present

KENTUCKY TRANSPORTATION CENTER

UNIVERSITY OF KENTUCKY

Primary job responsibilities include conducting research and analysis in Freight and Logistics. My current position requires developing research strategies and data collection, providing leadership to team of research assistants, meeting with government officials throughout the research process, and producing research publications to assist in the policy decision-making process. Other responsibilities include working with private-sector partners, managing contracts and deliverables from other universities, organizing on-site and coordinating off-site meetings.

CONSULTANT

January 2008- Present

ZOOKNIC, INC.

Job responsibilities include research design, statistical analysis, and preparing research reports. Through ZookNIC I have served as a consultant for the COUNCIL OF EUROPEAN NATIONAL TOP LEVEL DOMAIN REGISTRIES and the ASIAN PACIFIC TOP LEVEL DOMAIN ASSOCIATION.

RESEARCH ASSISTANT February 2007- June 2007  
UNIVERSITY OF KENTUCKY  
DEPARTMENT OF GEOGRAPHY  
Assistant to Dr. Thomas Leinbach and Dr. Matthew Zook. Job responsibilities included data collection and management, research design, statistical analysis and co-authoring peer review journal articles.

RESEARCH ASSISTANT August 2005  
STANFORD UNIVERSITY  
DEPARTMENT OF POLITICAL SCIENCE  
Assistant to Dr. Morris Fiorina. Primary job responsibilities included conducting research for a college level text book and reviewing page proofs prior to publication.

RESEARCH ASSISTANT August 2003- June 2004  
UNIVERSITY OF KENTUCKY  
MARTIN SCHOOL OF PUBLIC POLICY AND ADMINISTRATION  
Assistant to Dr. Jeffery Talbert. Primary job responsibilities included data collection, management, and analysis of education and health care survey data.

RESEARCH ASSISTANT June 2001  
UNIVERSITY OF KENTUCKY  
DEPARTMENT OF POLITICAL SCIENCE  
Assistant to Dr. Rick Swanson. Primary job responsibilities included coding survey data and data base management.

TEACHING ASSISTANT/RESEARCH June 2000- August 2003  
UNIVERSITY OF KENTUCKY  
DEPARTMENT OF POLITICAL SCIENCE  
Assistant to Dr. Stephen Voss. Primary job responsibilities included serving as a teaching assistant for an upper division political science course, providing advising assistance to undergraduate political science majors, conducting central advising sessions with underclassman political science majors, and providing research assistance as needed.

PROJECT MANAGER June 2000- August 2003  
UNIVERSITY OF KENTUCKY  
National Science Foundation Grant Project *The Federal Elections Project*. Primary job responsibilities included providing leadership and instruction to a team of four researchers, communicating with county officials throughout the U.S., collecting, organizing, and maintain a large database, and data analysis.

ASSISTANT TO THE LAW CLERK June 2001- August 2001  
KENTUCKY SUPREME COURT  
Justice James Keller. Primary job responsibilities included analyzing trial court tapes, attorney briefs, relevant case law, and providing bench briefs.

## RESEARCH COMPETENCIES

PROFICIENT USING: STATA, SPSS, MICROSOFT OFFICE SUITE

QUANTITATIVE RESEARCH SKILLS: MULTIVARIATE AND SPATIAL ECONOMETRICS

QUALITATIVE RESEARCH SKILLS: TELEPHONE AND MAIL SURVEYS, GUIDED INTERVIEWS, FOCUS GROUPS, CASE STUDIES AND GROUP FACILITATION METHODS (CONSENSUS WORKSHOPS, ACTION PLANNING, AND STRATEGIC PLANNING)

## RESEARCH AND PRESENTATIONS

### Publications and Work in Progress

Wallace, C. 2010. "E-commerce and Geography" The Encyclopedia of Geography Warf, Barney (ed.): Sage Publications.

Yusuf, J., L. O'Connell, M. Hackbart, and C. Wallace. 2008. "An Empirical Examination of the Statutory Characteristics and Effects of Highway and Transportation Commissions on DOT Capital Management Capacity." *Public Works Management and Policy*: 12 (3).

Yusuf J. and C. Wallace. 2007. "The 511 Tourism Information Service of Southern and Eastern Kentucky: A Case Study." *Applied Research in Economic Development*: 4 (2).

Voss, D. S. and C. Wallace. 2004. *Instructor's Manual/Test Bank to accompany America's New Democracy*. New York: Longman.

Zook, M., M. Graham, C. Wallace and M. Stephens. 2013. "Ubiquitous Information or Digital Archipelagos? Variable Geographies of User-Generated Content." *Revise and Re-Submit*.

Zook, M., C. Wallace, and T. Leinbach. 2013. "Manufacturing Solutions: Explaining E-Commerce Adoption in U.S. Manufacturing Firms" *Work in Progress*.

Zook, M., C. Wallace, and D.S. Voss. 2013. "International Trade in Domain names: the Influence of Price, Policy and E-commerce Activity on National Demand." *Work in Progress*.

### Technical Research Reports

Denison, D., C. Jepsen, B. Gibson, C. Wallace, and D. Kreis. 2012. Development of Performance Measures and Revenue Projections for State Highway Transportation Systems. Kentucky Transportation Center Research Report, KTC-12-19/TA-12-1F.

Wallace, C. and B. Gibson. 2012. "Determining the Core Competencies of State DOTs: An Evaluation of Outsourcing and Staffing Needs of the Kentucky Transportation Cabinet." Kentucky Transportation Center Research Report.

Knowles, C., C.Wallace, B. Blandford, T. Brock, and A. Martin. 2011. "States' Support of Non-Highway Modes of Transportation: Investigation and Synthesis." Kentucky Transportation Center Research Report for Kentuckians for Better Transportation.

Crossfield, J., L. O'Connell, C.Wallace, and J. Walton. 2010. "Local Evaluation for the Cumberland Gap Tunnel Regional ITS Deployment." Kentucky Transportation Center Research Report, KTC-10-21/RSF28-09-1F.

Wallace, C., J. Walton, and J. Crabtree. 2009. "Best Practices for Providing Traveler Information Services to Motorists at Rest Areas and Welcome Centers." Kentucky Transportation Center Research Report, KTC 09-13/SPR 387-08-1F.

J. Crabtree, C. Wallace, and N. Mamaril. 2008. "Technology Scan for Electronic Toll Collection." Kentucky Transportation Center Research Report, KTC 08-15/SPR359-08-1F.

Walton, J., J. Crabtree, C. Wallace and J. Pigman. 2008. "Measuring the Value of Kentucky Vehicle Enforcement Activities." Kentucky Transportation Center Research Report, KTC-08-03/SPR 332-07-1F.

Yusuf, J., C. Wallace, J. Ripy, and D. Kreis. 2007. "Determining the Need for and the Development of a Conceptual Cost Estimating Tool for Kentucky's Highway Districts." Kentucky Transportation Center Research Report.

Yusuf, J., C. Wallace, and D. Kreis. 2006. "Evaluation of the Eastern Kentucky Rural Highway Information Project 511 Tourism Service." Kentucky Transportation Center Research Report, KTC-06-10/RS-F2-03-1F.

Yusuf, J., C. Wallace, and M. Hackbart. 2006. "Privatizing Transportation through Public-Private Partnerships: Definitions, Models, and Issues." Kentucky Transportation Center Research Report, KTC 06-09/SPR302-05-2F.

Hackbart, M., M. Moody, J. Yusuf, and C. Wallace. 2005. "Enhancing Kentucky's Transportation Funding Capacity: A Review of Six Innovative Financing Options." Kentucky Transportation Center Research Report, KTC-05-16/SPR 302-04-1F.

O'Connell, L., J. Yusuf, M. Hackbart, D. Hartman, D. Kreis, and C. Wallace. 2005. "Today's DOT and the Quest for More Accountable Organizational Structures." Kentucky Transportation Center Research Report, KTC-05-41/TA18-04-1F.

Hartman, D., M. Hackbart, J. Yusuf, and C. Wallace. 2005. "Meeting Kentucky's Transportation Needs and Priorities: Citizens' Perceptions and Recommendations." Kentucky Transportation Center Research Report, KTC-05-23/TA12-04-1F.

Denison, D., B. Gibson, C. Wallace, C. Jepsen, and D. Kreis. 2013. "Assessment of the Sufficiency of Kentucky's Road Fund." Kentucky Transportation Center Research Report. *Work in Progress.*

### Selected Conference Presentations and Workshops

Gibson, J. and C. Wallace. 2013. "Outsourcing and Its Impact on Knowledge Management: A Case Study of the Kentucky Transportation Cabinet." Presented at the Transportation Research Board Annual Meeting. Washington, D.C. January 2013.

Wallace, C. 2012. "Iron Sheep: An open session dedicated to lightening mapping and understanding Volunteered Geographical Information (VGI) in the "Wild." New York, New York. February 2012.

Wallace, C. 2011. "A Tribute to Tom Leinbach." Panel participant at the Annual Meeting of the Association of American Geographers. Seattle, WA. April 2011.

Wallace, C. 2009. "Manufacturing Solutions: Explaining E-commerce Adoption in the U.S. Manufacturing Industry." Presented at the Association of American Geographers. Las Vegas, NV. March 2009.

Wallace, C. 2008. Summer Institute in Economic Geography. Manchester, England.

Wallace, C. and J. Yusuf. 2007. "Southern and Eastern Kentucky 511 Tourism Information Service: An Economic Impact Evaluation." Presented at the Association of American Geographers. San Francisco, CA. April 2007.

O'Connell, L., J. Yusuf, C. Wallace, and M. Hackbart. 2006. "Enhancing State DOT Performance: The Role of Independent Transportation Commissions." Presented at the Transportation Research Board Annual Meeting. Washington, DC. January 2006.

O'Connell, L., J. Yusuf, and C. Wallace and M. Hackbart. 2005. "The Impact of Transportation Commissions for DOT Performance and Accountability in Politicized Environments." Paper presented at the Association for Public Policy Analysis and Management (APPAM) Conference. Washington, DC. November 2005.

### PROFESSIONAL SERVICE

TRANSPORTATION RESEARCH BOARD COMMITTEE MEMBER FOR INLAND WATERWAYS TRANSPORTATION

SPECIAL SWORN STATUS (SSS) WITH THE U.S. CENSUS BUREAU

SESSION ORGANIZER FOR THE 2009 MEETING OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

TREASURER FOR THE GEOGRAPHY GRADUATE STUDENT UNION

MEMBER RES PUBLICA (PUBLIC ADMINISTRATION STUDENT ORGANIZATION)

PRESIDENT PI SIGMA ALPHA (NATIONAL POLITICAL SCIENCE HONOR SOCIETY)

## AWARDS AND HONORS

DISSERTATION ENHANCEMENT AWARD (UNIVERSITY OF KENTUCKY)

BARNHART-WITHINGTON AWARD (UNIVERSITY OF KENTUCKY)

UK GRADUATE SCHOOL CONFERENCE FUNDING

MILLENNIUM FELLOWSHIP

MEMBER PI ALPHA ALPHA (NATIONAL HONOR SOCIETY FOR PUBLIC AFFAIRS  
AND ADMINISTRATION)

CRUM AWARD (UNIVERSITY OF KENTUCKY)