



## Kristy N. Jackson

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As an everyday bicyclist with an enthusiasm for non-motorized transportation, Kristy Jackson uses practical experience and technical background to link the planning process to implementation. She has strong skills in public outreach, data collection, analytical research, and technical writing from her work on a variety of multi-modal projects and studies. She has provided technical assistance to NCDOT Division of Bicycle and Pedestrian Transportation and Safe Routes to School program. She also contributes to research studies on a variety of topics in bicycle and pedestrian transportation and has experience in development of websites, blogs, online survey tools, and forums. In addition to her professional roles, she is co-founder of Oaks and Spokes, an organization that seeks to promote and sustain bicycling culture in Raleigh, NC. She coordinated Raleigh's first bicycling festival in 2013 and worked with public and private agencies to install the first on-street bicycle corral in North Carolina.



## EDUCATION

### **Master of Urban Planning** (May 2010)

School of Architecture and Urban Planning  
University of Wisconsin, Milwaukee

- Transportation Planning Specialization

### **Bachelor of Science in Biological Aspects of Conservation** (May 2005)

University of Wisconsin, Madison

## PROFESSIONAL EXPERIENCE

### **Bicycle & Pedestrian Program Research Associate** (9/10 – present)

*Public Transportation Group*

*Institute for Transportation Research & Education, NCSU, Raleigh, NC*

- Perform activities related to bicycle and pedestrian transportation including research, planning, design, training, and technical assistance.
- Current projects and interests include development of database to house geospatial data related to bicycle and pedestrian routes and facilities, design of unconventional interchanges to support bicycling and walking, researching the effects of large scale connectivity improvements on shared use path systems, and the development of and support to non-motorized counting programs to determine bicycle and pedestrian activity levels.

### **Select Project Work at ITRE**

*Bicycle and Pedestrian Data Collection, NC Department of Transportation (2013 - present)*

- Lead task to work with local agencies in installation of non-motorized traffic monitoring devices to determine bicycling and walking volumes in pilot program project

*American Tobacco Trail Behavioral Impact Study, NC Department of Transportation, Helen and William Mazer Foundation, and BlueCross BlueShield Foundation (2013 – present)*

- Research impact of large-scale infrastructure improvement to trail usage and behaviors.

*North Carolina Pedestrian and Bicycle Infrastructure Network, NC Department of Transportation (2012-present)*

- Managing the development and maintenance of a geodatabase of all existing and planned bicycle, pedestrian, and shared use path facilities across North Carolina.
- Oversee solicitation and integration of agency data.

*Vision Zero, NC Governor's Highway Safety Program (2013-present)*

- Oversaw development of vision document to foster Vision Zero strategy in North Carolina and creation of work plan to lay out implementation strategies.
- Arranged and attended meetings to present Vision Zero ideas to North Carolina stakeholders.

*Let's Go NC! A Pedestrian and Bicycle Safety Skills Program for Healthy Active Children (2011 - 2013)*

- Adapted and developed lesson content tied to the NC Standard Course of Study.
- Assisted with creation of scripts and review of media and interface content.

*Safe Routes to School (SRTS) Program, NC Department of Transportation (2009 – 2013)*

- Provided technical and logistical support for program processes and developed survey tools.
- Developed Walk to School Day and Bike to School Day materials and promotional goods.
- Reviewed and provided feedback on Safe Routes to School Action Plans.

**Transportation Planner (9/08 – 8/10)**

*Bay Ridge Consulting, Milwaukee, WI*

#### **Select Project Work**

- Facilitated public involvement activities for transportation and area plans within southeastern Wisconsin.
- Researched effects on recreational activities resulting from high speed rail upgrades in Milwaukee-Chicago corridor and crafting environmental impact documentation.
- Quantified additional ridership from 'special markets' for alternatives analysis on expanding commuter rail service to southeastern Wisconsin.
- Refined a model to quantify Operations & Maintenance costs for proposed streetcar system in Milwaukee, WI.

**Program and Policy Analyst (9/08 – 8/10)**

*Bureau of Planning and Economic Development*

*Wisconsin Department of Transportation, Madison, WI*

#### **Select Project Work**

- Developing guidance on pedestrian crossings at railways, developing rail trails, lighting for pedestrian facilities, and recent innovations in pedestrian signaling for 'best practices' guide for pedestrian planning and facilities.
- Designed explanatory graphics and contributed to photo inventory.

## **PRESENTATIONS & PUBLICATIONS**

**Jackson, K.**, Elizabeth Stolz, and Christopher Cunningham. "Non-motorized Site Selection Methods for Continuous and Short-Duration Volume Counting," Manuscript in preparation, 2014.

O'Brien, S.W. and **K. Jackson**. "Bicycle and Pedestrian Safety Strategies in North Carolina: Statewide Input and Priorities Synthesis Report." NC Department of Transportation, Division of Bicycle and Pedestrian Transportation, May 2011.

**Jackson, K.**, A. Spiliotis, S.W. O'Brien, and D. Tiska. "Pedestrian and Bicycle Infrastructure Network Data Program Manual." NC Department of Transportation, November 2013.

Hummer, J.E., Cunningham, C.M., Schroeder, B.J., Vaughan, C.L., Findley, D.J., **Jackson, K.**, and F. Gontaruk (2012). Early Findings on the Operational Impacts of Double Crossover Diamond Interchanges. Institute of Transportation Engineers Conference, Atlanta, GA.

Huber, T. D. Paoni, **K. Jackson**, M. Kirkpatrick, and B. Retzlaff. "Wisconsin Guide to Pedestrian Best Practices." Wisconsin Department of Transportation. December 2010.

**Presenter**, "Behavioral Impact Study on the American Tobacco Trail." East Coast Greenway Alliance's State of the Greenway Summit, Raleigh, NC, October 2013.

**Presenter**, "Oaks and Spokes Community Based Approach" North Carolina Bicycle Summit, Carrboro, NC. October 2013.

**Presenter**, "Taking the Bike Train. Traveling with Bikes on NCDOT Piedmont Trains. North Carolina Bicycle Summit, Carrboro, NC. October 2013.

**Co-Presenter**, "1 Year after the Statewide Bicycle and Pedestrian Summit – Are we Making Progress?" North Carolina Association of Metropolitan Planning Organizations Conference, Wilmington, NC. May 2012.

**Presenter**, "The Path Forward: North Carolina's GIS for Bicycling and Walking Facilities." North Carolina Association of Metropolitan Planning Organizations Conference, Wilmington, NC. May 2014.

**Presenter**, ITRE Advisory Council Meeting. Building the Foundation of Bicycle and Pedestrian Data in NC. Raleigh, NC. April 2014.

**Facilitator**, NCDOT Statewide Bicycle and Pedestrian Safety Summit, 2011.

## COMMITTEES & ORGANIZATIONS

**Western Boulevard Crossing Study** – Core Technical Team (2/2013 - 10/2013)

**Watch for Me NC Campaign** – Core Committee (2/2012 – 11/2013)

**NC State Highway Safety Plan** – Bicyclist and Pedestrian Working Group