

W. Mathew Palmer

North Carolina State University
Institute for Transportation Research & Education
909 Capability Drive, Suite 3600
Raleigh, NC 27606

mathew.palmer@ncsu.edu
919 / 623-8403

PROFILE

Transportation and Land Use Researcher with 10+ years of professional experience

Planning and Applied Research Experience

- Expert in transportation and land use planning for cities and schools
- Stakeholder experience across multiple levels of government sectors: School District, Municipal, Regional, State and Federal
- Intergovernmental and public-private project management and collaboration

Technical Skills and Leadership Capabilities

- Contract proposal writing, grant administration and budget management
- Research design, data collection, and statistical analysis (R, Stata)
- Advanced methods: structural equation modeling and social network analysis
- Community engagement and public meeting facilitation

PROFESSIONAL EXPERIENCE

NCSU INSTITUTE FOR TRANSPORTATION RESEARCH AND EDUCATION (Raleigh, NC)

2015 – **Transportation Research Scholar**

Applied transportation and operations research in the areas of bicycle and pedestrian planning, school travel and facility planning, and public transportation service planning. Mixed methods research project design, data collection, and analysis.

UNIVERSITY OF NORTH CAROLINA at CHAPEL HILL (Chapel Hill, NC)

2013 – 2015 **Research Project Manager – U.S. Department of Transportation (FHWA)**

Managed comparative research evaluating the economic benefits of bicycle and pedestrian infrastructure around schools (Safe Routes to School). Cost effectiveness study looking at school travel and cost effectiveness impact of education policy, land use and urban design.

UNC HIGHWAY SAFETY RESEARCH CENTER (Chapel Hill, NC)

2011 – 2013 **Research Associate – U.S. Department of Transportation (FHWA)**

Transportation data management, technical assistance, grant management and resource development for Federal Safe Routes to School program (SRTS). Points of emphasis include community and neighborhood development, planning processes, and strategic partnerships between public and private stakeholders.

UCLA CENTER FOR NEIGHBORHOOD KNOWLEDGE (Los Angeles, CA)

2008 – 2009 **Land Use Planner (intern) – Southern California Assoc of Governments**

Land use inventory, database management, and GIS mapping for 47 Los Angeles City and County Smart Growth development sites. Analysis of zoned and actual land use for SCAG.

EDUCATION

- 2012 – Present **Doctoral Candidate in City and Regional Planning**
University of North Carolina at Chapel Hill (UNC)
- 2010 **Master of Urban and Regional Planning**
University of California, Los Angeles (UCLA)
- Concentration:** *Transportation; Physical Planning; Public Health*
- 2010 **Graduate Certification: Leadership in Sustainability**
UCLA Anderson School of Management
- 2005 **Bachelor of Arts**
University of Michigan, Ann Arbor

PUBLICATIONS (Peer Reviewed)

- McDonald, N. C., McGrane, A. B., Rodgman, E. A., Steiner, R. L., Palmer, W. M., & Lytle, B. F. (2015).
Assessing multimodal school travel safety in North Carolina. *Accident Analysis & Prevention, 74*, 126-132.
- McDonald, N. C., Steiner, R. L., Palmer, W. M., Bullock, A. N., Sisiopiku, V. P., & Lytle, B. F. (2014).
Costs of school transportation: Quantifying the fiscal impacts of encouraging walking and bicycling for school travel. *Transportation, 1-17*.

ASSOCIATIONS

- Transportation Research Board (TRB) Committees** (2015 – Present)
- ADD20 Standing Committee on Social and Economic Factors of Transportation
 - ADD30 Standing Committee on Transportation and Land Development
 - ANB10 (6) School Transportation
 - ANF10 Standing Committee on Pedestrians
 - ANF20 Standing Committee on Bicycle Transportation
 - APO55 Standing Committee on Rural Public and Intercity Bus Transportation
- Association of Pedestrian and Bicycle Professionals** (2011 – Present)
- Durham Bicycle and Pedestrian Advisory Commission** (2011 – 2013)