

## *Curriculum Vitae*

### **Steven Spears, PhD**

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University of Iowa  
School of Urban and Regional Planning  
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#### **EDUCATION**

##### **PhD in Planning, Policy & Design**

September, 2013

Department of Planning, Policy, and Design, University of California, Irvine

Specialization: Design-Behavior Research

Dissertation title: *The Perception-Intention-Adaptation (PIA) Model: a theoretical framework for examining the effect of behavioral intention and neighborhood perception on travel behavior.*

##### **Master of Urban and Regional Planning**

May, 2008

Virginia Commonwealth University, Richmond, VA

Thesis title: *Beyond the Early Adopters: Examining the Potential for Car Sharing in Richmond, Virginia*

##### **Postgraduate Diploma in Transport and Planning, with Distinction**

June, 2007

School of City and Regional Planning, Cardiff University, Wales UK

##### **Bachelor of Science in Mechanical Engineering**

December, 1991

Clemson University, Clemson, SC

#### **PROFESSIONAL EXPERIENCE**

August 2014 – present

Assistant Professor, University of Iowa School of Urban and Regional Planning

September 2013 – July 2014

*Assistant Research Scientist, Institute for Transportation Studies, University of California, Irvine*

## **PROFESSIONAL EXPERIENCE (cont.)**

May 2011 – September 2013

*Graduate Research Assistant, Neighborhood Travel and Activity Study (NTAS), Institute for Transportation Studies, University of California, Irvine*

January – September 2010

*Graduate Research Assistant, Institute for Transportation Studies, University of California, Irvine*

January 2006 - August 2006, October 2007 – August 2008

*Policy and Planning Specialist II, Virginia Department of Transportation, Richmond, Virginia*

January 2001 - May 2005

*Aeronautical Engineer / Mission Manager, DynCorp/CSC Technical Services, NASA Wallops Flight Facility, Wallops Island, Virginia*

May 2000 - December 2000

*Airport Engineer / Planner, Talbert and Bright, Inc., Chesterfield, Virginia*

July 1998 - May 2000

*Research Assistant, Atmospheric Sciences Department, Univ. of North Dakota, Grand Forks*

April 1995 - July 1998

*Airport Engineer, Talbert and Bright, Inc., Midlothian, Virginia*

January 1993 - April 1995

*Project Engineer II, Delta Airport Consultants, Richmond, Virginia*

## **PUBLICATIONS**

### **Peer-reviewed Journal Articles**

Douglas Houston, Marlon Boarnet, Gavin Ferguson and Steven Spears. 2014. "Can Compact Rail Transit Corridors Transform the Automobile City? Planning for More Sustainable Travel in Los Angeles" *Urban Studies (in press)*.

Steven Spears, Douglas Houston, and Marlon G. Boarnet. 2013. "Illuminating the unseen in transit use: a framework for examining the effect of attitudes and perceptions on travel behavior." *Transportation Research Part A: Policy and Practice*. 58(12), Pages 40-53. DOI: 10.1016/j.tra.2013.10.011

## Peer-reviewed Journal Articles (cont.)

Deborah Salon, Marlon G. Boarnet, Susan Handy, Steven Spears, and Gil Tal. 2012. "How do local actions affect VMT? A critical review of the empirical evidence." *Transportation Research Part D: Transport and Environment*. 17(7). Pages 495-508. ISSN 1361-9209, 10.1016/j.trd.2012.05.006

## Book Chapters

Marlon G. Boarnet, Douglas Houston, Gavin Ferguson, and Steven Spears. 2011. "Land Use and Vehicle Miles of Travel in the Climate Change Debate: Getting Smarter than Your Average Bear" in *Climate Change and Land Policies*, edited by Yu-Hung Hong and Gregory Ingram, Cambridge, Massachusetts: Lincoln Institute of Land Policy. ISBN 978-1-55844-217.

## Articles in Review and Preparation

*Steven Spears, Douglas Houston, and Marlon Boarnet. Do Travel Effects of New Light Rail Service Persist? An examination of longer-term impacts of Los Angeles' Expo Line on travel.* In preparation for *The Journal of Planning Education and Research*.

*Steven Spears. "The Perception-Intention-Adaptation Model of Travel Behavior Change: Application to the Exposition Line Opening in Los Angeles."* In preparation for *The Journal of Environmental Psychology*.

*Marlon Boarnet, Steven Spears, and Douglas Houston. "Light Rail in the Transformation of Los Angeles: A Panel Evaluation of the Impact of the Exposition Line on Vehicle Miles Traveled and Physical Activity."* In preparation for *The Journal of Urban Economics*.

## CONFERENCE PAPERS

Steven Spears, Douglas Houston, and Marlon Boarnet. *"Do Travel Effects of New Light Rail Service Persist? An examination of longer-term impacts of Los Angeles' Expo Line on travel behavior."* Accepted for presentation at the Association of Collegiate Schools of Planning Annual Conference, 2014.

Steven Spears, Douglas Houston, and Marlon Boarnet. *"Illuminating the Unseen in Neighborhood Travel: A Framework for Examining the Influence of Attitudes, Norms, and Perceptions on Travel Behavior."* Association of Collegiate Schools of Planning Annual Conference, 2012.

## CONFERENCE PAPERS (cont.)

Douglas Houston, Marlon Boarnet, Wei Li, Steven Spears, and Dongwoo Yang. "How far to the bus? Transit proximity, bus ridership, and physical activity in a low income community." Association of Collegiate Schools of Planning Annual Conference, 2012.

## UNIVERSITY SEMINARS AND PRESENTATIONS

METRANS Transportation Center, University of Southern California, "*Which matters more for transit use, access or attitudes? Insights from data from the Exposition light rail corridor.*" Los Angeles, California. October 24, 2012. <http://www.youtube.com/watch?v=KU69zs6slcg&feature=share&list=PLFF4D4389AC445594>

Association of Collegiate Schools of Planning Annual Conference, Paper Presentation, "*Illuminating the Unseen in Neighborhood Travel: A Framework for Examining the Influence of Attitudes, Norms, and Perceptions on Travel Behavior.*" Cincinnati, Ohio. November 2, 2012.

## PUBLIC SCHOLARSHIP AND RESEARCH REPORTS

Marlon Boarnet, Douglas Houston, and Steven Spears. The Exposition Light Rail Line Study "Before-After" Opening Travel Impacts and New Resident Sample Preliminary Analysis. Prepared for the Lincoln Institute of Land Policy, June 2013.

Marlon Boarnet, Douglas Houston, and Steven Spears. The Exposition Light Rail Line Study "Before-Opening" Data Collection and Preliminary Analysis Report. Prepared for the Lincoln Institute of Land Policy, June 2012.

California Senate Bill 375 - Research on Impacts of Transportation and Land Use-Related Policies. Co-authored (with Marlon Boarnet and Susan Handy) five Policy Briefs and Background Technical Documents to inform the implementation of California Senate Bill 375. These included Parking Pricing, Road User Pricing, Transit Service, Voluntary Travel Reduction Programs, and Land-Use Mix. <http://arb.ca.gov/cc/sb375/policies/policies.htm>.

## TEACHING EXPERIENCE

*University of California, Irvine, School of Social Ecology*

Instructor – PPD 212 Transportation Planning (graduate) - Winter 2014

Guest Lecturer – PPD 107 Urban and Regional Planning (undergraduate) - Spring 2013, 2014

Teaching Assistant – SE 13 Statistical Analysis in Social Ecology (undergraduate) - Winter 2011

Teaching Assistant – PPD 202 History of Urban Planning (graduate) - Fall 2010

Guest Lecturer – PPD 231 Transportation and Environmental Health (graduate) - Winter 2010

Teaching Assistant – E8 Intro. to Env. Design and Analysis (undergraduate) - Winter 2009

## **AWARDS AND HONORS**

University of California Transportation Center Student of the Year - 2013

University of California Transportation Center Fellowship - 2009, 2011, 2013

UCI School of Social Ecology - Dean's Dissertation Writing Fellowship - 2012

Federal Highways Administration - Eisenhower Fellowship - 2010

UCI Dept. of Planning, Policy, and Design, Summer Research Fellowship - 2009

Univ. of North Dakota Atmospheric Science Dept., Outstanding Graduate Student 1999, 2000

Clemson University Presidential Alumni Scholarship - 1987-1989

## **COMMUNITY AND PROFESSIONAL SERVICE**

Reviewer, International Planning Studies

Accomack County Virginia Airport Commission Chair - 2005

Accomack County Virginia Airport Commission Member - 2002-2005