

Lauren Michele

Policy in Motion

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OBJECTIVE: Climate change/transportation policy analysis, education and implementation to advance the sustainability of communities based on economic, environmental, and equitable principles

EDUCATION: University of California, Davis - B.S. 09/06 Major/Cum GPA (4.0 scale): 3.79/3.08
Degree: Environmental Policy Analysis & Planning; emphasis in Transportation Planning
University of California, Davis – M.S. 03/10 Cumulative GPA (4.0 scale): 3.42
Degree: Transportation, Technology & Policy; emphasis in Transport & Climate Policy

<i>Undergraduate Coursework:</i>	<i>Undergraduate Coursework:</i>	<i>Graduate Coursework:</i>
Transportation Policy	Environmental Policy-Making	Transport Demand Modeling
Environmental Law	Energy/Environmental Aspects of Transport	Transportation Technologies
Environmental / City Planning	Methods of Environmental Policy Analysis	Transportation Survey Design
Applied Research/Survey Methods	Intro to Environmental Engineering	Sustainable Transport Policy
Environmental Economics	Ethical Issues in Environmental Policy	Theory of Built Environment
Linear Regression Analysis	Interpersonal Communications	Transportation Economics

WORK EXPERIENCE:

Graduate Researcher/Staff, ITS-Davis, Urban Land Use and Transportation Center (ULTRANS) (09/08 – present)

Built relationships with Congressional staff & stakeholders working on the proposed federal climate change/energy and transportation bills; thesis research focused on how influential GHG reduction from regional planning in California likely will be in achieving MPO targets required under SB 375; authored Caltrans' "Statewide Interregional Blueprint Plan" to set new policy direction for meeting requirements in SB 391, AB 32, and SB 375; reviewed criteria for HUD's Sustainable Community Planning Grants program.

Transportation Planner, Fehr & Peers Transportation Consultants, Sacramento Office (09/06-03/10)

Involved in the development of general plans, bicycle master plans, traffic impact studies, and travel demand modeling; helped develop company's climate change [initiative/blog](#); performed policy analysis for state/federal climate change & metro planning legislation - synthesized for internal staff and external clients;

Transportation & Climate Change Intern, Center for Clean Air Policy, Washington, DC (06/09-09/09)

Synthesized policy analysis for federal climate change and energy bill, and federal transportation reauthorization bill; supported the development of expert testimony to the Senate Committee on Environment and Public Works on short term greenhouse gas reductions from reducing vehicle-miles-travelled; conducted study for AASHTO to examine implementation barriers for smart growth planning under state GHG goals.

Associate Researcher, University of California, Davis, Institute of Transportation Studies (02/08 – 09/08)

Conducted expert interviews and literature reviews, which contributed to a transportation sector white paper for AB 32 authored by Dr. Susan Shaheen at UC Berkeley's Transportation Sustainability Research Center.

Co-Instructor, *Transportation Policy*, University of California, Davis (09/07-12/07) & (09/09-12/09)

Lectured, composed assignments, graded exams, and held office hours for 90+ undergraduate students.

Intern, Sacramento Metropolitan Air Quality Management District, Land Use/Transportation Division (06/04-06/06)

Composed a Model General Plan Air Quality Element through analysis of land use, transport, and energy conservation policies; document was approved by the SMAQMD Board for incorporation into General Plans of communities within Sacramento County; maintain strategic relations with Director Larry Greene.

Summer Undergraduate Research Fellow, University of California, Davis (7/05-8/05)

Conducted transport policy research at the University of Aberdeen, assessing the intentions vs outcomes of 22 government-issued multi-modal studies in England; research findings published and presented

Undergraduate Research Fellow, University of California Transportation Center (6/04-8/04)

Developed a qualitative study on proposed corridor alignments within the California High Speed Train's Draft Environmental Impact Report; synthesized arguments from stakeholders; research findings published.

California Rail News Journalism Intern, Train Riders Association of California (TRAC) (4/03-12/04)

Intern, City of Santa Rosa, Department of Community Development, Civil Engineering Division (9/01-6/02)

AWARDS AND SCHOLARSHIPS:

2010	Nominated & Selected to Join National Association of Professional Women
2009	Helene M. Overly Graduate Award, Women's Transportation Seminar, Sacramento Chapter
2009	College Scholarship, Institute of Transportation Engineers, Northern California Section
2007 & 2002	College Scholarships, Society of American Military Engineers, Sacramento Post
2005	Louise Moritz Molitoris Leadership Award, Women's Transportation Seminar, Sacramento Chapter
2003	California Transportation Foundation Education Symposium
2002	College Scholarship, Society of Women Engineers, Golden Gate Section
2002	College Scholarship, Horatio Alger Association of Distinguished Americans

SELECTED REPORTS/ PUBLICATIONS/ PRESENTATIONS:

Rethinking California's Planning Frameworks to Support Senate Bill 375: A White Paper on Local, Regional, State and Federal Climate Change Policy Reform. Institute of Transportation Studies. University of California, Davis. 2010. (author) [View Online](#)

The Four Circles: An Integrated Approach to Behavior-Based Greenhouse Gas Reduction. Transportation Research Board Conference. Washington, D.C. 2010. (speaker) [View Online](#)

Disintegrated Transport Policy: The Multi-Modal Studies Process in England. Environment & Planning C. Great Britain Pion Journal. 2007 (contributing author).

Integrating the Wheels: Multi-Modal Planning in Freiburg, Germany. Women's Transportation Seminar International Conference. San Diego, California. 2007. (speaker)

California High-Speed Train Debate: The Removal of the Altamont Pass Alternative. Journal of Undergraduate Research, vol. 9. University of California, Davis. 2006. (author) [View Online](#)

Sustainable Transport Policy in the United Kingdom: A Look at Multi-Modal Studies in England. University of California Undergraduate Research Conference. Davis, California. 2006. (speaker)

Model General Plan Air Quality Element. Sacramento Metropolitan Air Quality Management District. 2005. (author) [View Online](#)

COMMUNITY/ UNIVERSITY/ PROFESSIONAL ORGANIZATIONS:

WALK Sacramento – Board Member (07/07 – present)

Educate the general public on the health, transportation, and air quality benefits of designing walkable communities; committee member for WALK Sacramento's Complete Streets Coalition, which promotes street designs that are safe for all users including bicyclists, pedestrians, motorists, and transit riders.

Women's Transportation Seminar, Sacramento Chapter – Student Relations/ Scholarship Chair (08/06 – 08/08)

Promote the advancement of women in the field of transportation through the provision of financial scholarships for female high school, undergraduate, and graduate students interested in pursuing careers in transportation; responsible for publicizing, reviewing, and awarding four WTS-Sacramento Scholarships.

Institute of Transportation Engineers, Northern California Section, member (09/06 – present)

Attend monthly luncheons to gain a better understanding of diverse transportation-related topics.

Institute of Transportation Engineers – Student Chapter for the University of California, Davis (6/04-06/06)

Chapter President (2005-2006), Chapter Vice President (2004-2005)

National Organization for Women – Student Chapter for the University of California, Davis (9/03-06/06)

Chapter Treasurer (2003-2005)

CalPIRG, UC Davis Chapter – Environmental Canvassing Volunteer; Media Relations Intern (9/02-6/03)

OTHER UNIVERSITY PROJECTS:

Coordinator for "Transportation Research Team," Education for Sustainable Living Program, UC Davis (3/06-6/06)

Facilitated a group of undergraduate and graduate students to develop a pilot program for the University's Transportation and Parking Services to evaluate effective bicycling programs and policies.

Summer Session Abroad Program in Freiburg, Germany studying "Community Development in Europe" (8/06-9/06)

Analyzed the success of multi-modal transportation planning in Freiburg through interviews with local and state authorities; research findings presented at the University of California, Davis.