

# Madison R. E. Swayne

San Diego State University  
City Planning / School of Public Affairs  
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## ACADEMIC APPOINTMENTS

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**San Diego State University** 2020-Present  
**Assistant Professor**  
School of Public Affairs  
Department of City Planning

## EDUCATION

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- Ph.D. Urban Planning and Development, University of Southern California, 2020**  
*Dissertation Committee:* Lisa Schweitzer (chair), Manuel Pastor, Richard Green, and Marlon Boarnet
- M.A. Environmental Studies, University of Southern California, 2015**
- B.S. Environmental Studies, University of Southern California, 2015**

## PUBLICATIONS

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Swayne, M. R., & Lowery, B. C. (2021). Integrating transit data and travel time into food security analysis: A case study of San Diego, California. *Applied Geography*, 131, 102461.

Boarnet, M., Painter, G., & Swayne, M. Innovation on Job Accessibility with General Transit Feed Specification (GTFS) Data. Report submitted to METRANS June 2018.

### Manuscripts under Peer Review

Swayne, M., Lowery, B., and Castro, I. Assessing the Impact of a Fresh Produce Distribution Service on Community Multimodal Access to Healthy Food: BrightSide Produce in National City, CA. Under review.

Lowery, B. and Swayne, M. Visualizing Food Bank Utilization before and after COVID-19: An exploratory case study of using Contactless Geographic Ecological Momentary Assessment Data at 49 Pantry Locations in Oklahoma. Under review.

## WORKING PAPERS

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Swayne, M., Boarnet, M., & Painter, G. Innovation on Job Accessibility with General Transit Feed Specification (GTFS) Data.

Swayne, M. The effects of environmental hazard on home maintenance and home price appreciation.

Swayne, M. Park Access for the Transit-Dependent. Do communities *really* have access?

Rosen, J., & Swayne, M. Co-Opting the growth machine: Are labor unions using environmental laws to promote equitable growth?

### **FUNDED RESEARCH GRANTS**

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**Swayne, M.** (2021). Characterizing the food environment and studying multimodal access to healthy and unhealthy food retail outlets in San Diego County. SDSU Office of Undergraduate Research (\$7,410).

**Swayne, M.** (PI), Mendez, M., Cha, M., and Shamasunder, B. (2021). Investigating the Climate Emissions Reduction Planning (CERP) Program under AB 617 for California Communities of Environmental Justice Concern. California Environmental Justice Alliance (CEJA) (\$12,000)

Boarnet, M., Painter, G., and **Swayne, M.** *Examining Spatial Mismatch Through a New Geography of Opportunity Index*. Funded by METTRANS Transportation Center through the Pacific Southwest Region 9 University Transportation Center, January, 2018 – December, 2018. (\$99,983).

Boarnet, M., Painter, G., and **Swayne, M.** *Innovating on Job Accessibility with General Transit Feed Specification*, funded by METTRANS Transportation Center, January, 2017 – August, 2018. (\$100,000).

### **PENDING OR UNFUNDED RESEARCH GRANTS**

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Welsh, M. (PI), Chanin, J., Felner J., & **Swayne, M.** (Co-PIs.) Mobilizing for transit justice and health equity in San Diego: A Community-Based Participatory Research project. Policies for Action: Public Policy Research to Advance Racial Equity and Racial Justice. The Robert Wood Johnson Foundation. (\$250,000; selected as finalist – pending).

Barlow, J. (DI) & **Swayne, M.** (Co-DI). EPA Brownfields Coalition Assessment of Historical Dry Cleaning and Other High Priority Sites in and Around the City of National City. The United States Environmental Protection Agency (\$600,000 – pending).

### **FELLOWSHIPS AND AWARDS**

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2018, METTRANS University Transportation Center (UTC) Outstanding Student of the Year

2018, USC Lusk Center for Real Estate Research Grant, with Dr. Jovanna Rosen

2016, Rockwell Dennis Hunt Graduate Student Scholarship

2016, Hagman Scholarship Recipient and Attendee at the 2016 UCLA Land Use Law and Planning Conference

### **INVITED TALKS**

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2021 “Environmental Justice and Brownfields: Best Practices and Lessons Learned.” University of Oklahoma Christopher C. Gibbs College of Architecture, Goff Lecture. Webinar. March 31.

2020 “Advancing Transportation Equity.” Transportation Research Board. Webinar. October 14.

## **CONFERENCE ACTIVITY**

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2020, Association of Collegiate School of Planning, Online Conference  
“The effects of environmental hazard on home maintenance and home price appreciation”

2018, Association of Collegiate School of Planning, Buffalo, New York  
“Park Access for the Transit-Dependent. Do communities *really* have access?”

2017, Association of Collegiate Schools of Planning, Denver, Colorado  
“Co-Opting the growth machine: Are labor unions using environmental laws to promote equitable growth?”

2016, Association of Collegiate Schools of Planning, Portland, Oregon  
“Bargaining for Development: Do Community Development Agreements Enable Developers to Avoid Environmental Litigation in California?”

2016, 2<sup>nd</sup> Annual Duck Family Graduate Workshop in Environmental Politics and Government  
“Bargaining for Development: Do Community Development Agreements Enable Developers to Avoid Environmental Litigation in California?”

## **TEACHING**

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### **San Diego State University**

Graduate: CP 675 Seminar in Environmental Policy and Planning  
Undergraduate: PA 540  
Undergraduate: PA 497

## **SERVICE**

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### **Academic Journal Peer Review**

*Transportation Research Record*