MARIELA A. ALFONZO, PHD.

URBAN DESIGN ENTREPRENEUR & RESEARCH ASSISTANT PROFESSOR
MARIELA@STATEOFPLACE.CO/ MALFONZO@NYU.EDU

EDUCATION

Ph.D. in Urban and Regional Planning, University of California, Irvine, CA <i>Concentration(s)</i> : Urban Design, Redevelopment, Mixed-use, Site-Planning/Analysis, Sense of Community <i>Dissertation</i> : A mall in a former life: How converting failing malls into mixed-use neighborhoods impacts sense of community. <i>GPA</i> : 3.984	Feb 2007
Master in Urban and Regional Planning, University of California, Irvine, Concentration(s): Neighborhood Design, Pedestrian environments Thesis: Walking by design: Towards a substantive theory for neighborhood design and walking. GPA: 3.984	Jun 2003
Bachelor of Arts, University of Miami, Coral Gables, FL <i>Major:</i> Psychology; <i>Minor:</i> Architecture <i>GPA:</i> 3.989	Dec 1998
RESEARCH EXPERIENCE	
Research Assistant Professor, Tandon School of Engineering, New York University ❖ Evaluating the relationship between urban design, walkability and the triple bottom line, including its impact on public health, within the rapidly urbanizing	Jun 2013- Present
Research Assistant Professor, Tandon School of Engineering, New York University * Evaluating the relationship between urban design, walkability and the triple	
Research Assistant Professor, Tandon School of Engineering, New York University ❖ Evaluating the relationship between urban design, walkability and the triple bottom line, including its impact on public health, within the rapidly urbanizing developing world, focusing on China Senior Research Fulbright Scholar, East Asia Pacific, Shanghai, China ❖ The State of Place in China - Best Practices and Policies for Sustainable, Livable	Present Sep 2013-

Co-principal Investigator, Metropolitan Institute/Brookings Institution ❖ Establishing operational definition of Walkable Urban Places laying out observable, measurable factors that characterize them and developing performance metrics to gauge their economic and social success	Jan 2008- May 2012
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Co-principal Investigator, Metropolitan Institute/Brookings Institution	Jun 2008-
 Evaluating the residential price premium of walkable urban places during a changing economy 	Jun 2012
Post Doctoral Research Fellow, Virginia Tech, Alexandria, VA	Aug 2007-
Metropolitan Institute	May 2011
Conducting and publishing independent and collaborative research on the value of urban design and the triple bottom line, walkability, sense of community and public space, mall redevelopment, and retail evolution.	
Research Consultant, Affordable Housing and Walkability, HUD	Mar 2012-
Sustainable Communities Research	Dec 2014
 Coordinating collection of Irvine Minnesota Inventory data throughout the DC Metro region to provide micro-scale walkability data that will 	
supplement national Walk Score data; conduct data analysis on walkability data to better understand the link between affordable housing and the built environment	
Research/Writing Consultant, Healthy Places	Oct 2009-
	Sept 2013
Evaluating the connection between Smart Growth and Health Outcomes; Research Advisor on use of Irvine Minnesota Inventory; Writing results related to research methodology	3ept 2013
· ·	Jan 2003-
Research Project Manager, University of California, Irvine, Irvine, CA	Jun 2005
Irvine Minnesota Inventory - Creating a reliable, objective urban design	Juli 2003
inventory	
 Managed \$100,000 research project funded by the Robert Wood Johnson Foundation 	
 Developed a reliable urban design inventory to collect objective built environment data - Irvine Minnesota Inventory (IMI) 	
 Conducted urban design assessments of over 30 urban, suburban and rural neighborhoods in California (including residential, commercial, mixed-use, entertainment, and employment centers) 	
 Conducted focus groups to uncover design/neighborhood preferences and walking patterns/behavior 	
 Developed training program and materials and directed training 	
Research Project Manager, University of California, Irvine, Irvine, CA	Jun 2003-
Evaluating the California Safe Routes to School Program	Jun 2005
 Managed \$278,000 state-issued CalTrans research contract - Safe Routes to School Study (SR2S) 	
 Evaluated the effectiveness of 16 state-funded SR2S traffic safety and design 	

interventions

- Recruited schools to participate in research study
- Conducted pre and post field data collection (pedestrian/vehicular
- counts, vehicular speeds, neighborhood design inventory)
- Analyzed and synthesized field data and survey data of parental
- attitudes, behaviors, and decision making regarding their children's travel to school
- ❖ Supervised team of 15 undergraduate and graduate research students
- Published detailed report of findings in a report to the California State Legislature

Assistant Research Project Manager (on above research project)

Sept 2001-Jun 2003

STATE OF PLACE/CONSULTING/ENTREPRENEURSHIP PROJECTS

Lillestrøm, Norway

June 2019-Present

Using State of Place to establish an objective baseline of urban design quality and implement a data- driven analysis for the downtown Lillestrøm area near the central station with the aim to increase walkability and economic development. Identifying and prioritizing potential changes to enhance quality of place that will attract high quality firms and tenants and increase real estate upside.

Charlotte, NC

Jan 2019 -Present

❖ Using State of Place to establish an objective baseline of urban design quality and implement a data- driven analysis for the SouthPark Cultural Loop to increase the effectiveness and cost-efficiency of redevelopment efforts. Identify and prioritize potential changes to enhance quality of place with the aim of increasing the economic development potential of the SouthPark Cultural Loop area by attracting high quality firms and tenants. Generate potential development and design scenarios to maximize quality of life while increasing ROI, to boost SouthPark Cultural Loop area's revenue base and attract private sector investment.

MPV (developer), Charlotte, NC

Jan 2019 -

Present

Using State of Place to analyze the conceptual phase of a groundbreaking mixed use project to "stress test" their current scenario and run it through our fun SimCity tool and forecasting models to identify ways they could increase the walkability, sustainability, and quality of place of their proposed project as well as unlock maximum value.

City of Durham, NC

Sept 2018 - Jan 2019

- ❖ Worked with the City's Department of Transportation on a 12-week pilot to evaluate the relationship between existing hot-spots of pedestrian/bicyclists injuries/fatalities and urban design features to identify changes that would have the biggest impact on pedestrian safety.
- Prioritized urban design changes most likely to both save lives and create quality places
- Created new State of Place "traffic safety" module that can be applied worldwide to more effectively identify improvements that will maximize pedestrian safety and comfort, increase walkability, and create a more equitable, livable public realm

Panoramic Interests, Oakland, CA

Jan 2018 -July 2018

- Used State of Place to maximize the walkability and quality of place of two new proposed pedestrianized streets by analyzing base conditions, creating a scenario of their current redevelopment plan, comparing them to the State of Place Index for 10 international well-known pedestrianized streets, providing recommendations for improved walkability while achieving higher ROI
- Created a scenario that created a people-first public space within a pedestrianized street that rivaled the best streets all over the world

SBB (Swiss Railways)

Dec 2018 -

Present

Used State of Place Software to evaluate 60 railway stations in Zurich, Bern, Basel, Zug, Thun, Lucerne, Winterthur for a total of 264 blocks. SBB analyzed the State of Place Index of each of the Station areas along with associated real estate values, including commercial, residential, and office rents as well as owned residential properties to recalibrate the US-based forecasting model. SBB will use the State of Place software to generate recommendations as to which urban design changes to make across their station areas to maximize walkability, livability, and economic ROI and create quality public spaces around their station areas, as part of their broader placemaking efforts.

SoCentral (Oslo, Norway)

June 2018

A consortium of designers, developers, planners, and architects (known as the Pädriv Collective) have been using State of Place to evaluate the current redevelopment plan of a neighborhood in Oslo (Okern) to show there is much higher potential to increase walkability and enhance quality of place than what is currently proposed. Used software to create alternative scenario to show how the existing development proposal could be improved in a way that would increase both walkability and ROI. Used this as a way to make the investment case for the scenario that created a higher quality place.

- Present

Spacegroup (Architecture/Design Firm), Oslo, Norway

June 2018 - Present

❖ Used State of Place Software to to inform their proposal for an RFP submission. Spacegroup (along with State of Place) was chosen as one of three finalists to prepare a full plan for the competition. The purpose of the competition was to identify an architectural plan for the Nytorget plaza in the center of the City of Stavanger. Spacegroup used State of Place to evaluate all 15 blocks within the competition area and ran a scenario analysis to quantify the improvements that the team's architectural plan created for Nytorget, including a new, large public plaza. The State of Place scenario demonstrated a 25 point increase in score between the baseline conditions and the plan, allowing the team to demonstrate the effectiveness of their design to the city and to iterate on their plans to see how it impacted the State of Place Index for Nytorget.

Dec 2017 -

Used State of Place Software to establish baseline of walkability for industrial area that the city wanted to redevelop into a mixed-use neighborhood. Proposed detailed recommendations, created scenarios, and automatically generated before/after renderings using our database of 6000+ blocks to present for approval and resident buy-in.

June 2018

Westmoreland County, PA

City of St. Gallen, Switzerland

Dec 2017 -

Used State of Place Software to create a scenario of proposed redevelopment, identify areas of improvement, provide recommendations for increased walkability and livability to convince their community council to approve and fund higher quality places. June 2018

City of Peoria, IL (Innovation Department)

Dec 2017 -

Using State of Place Software across eight project areas to identify areas for improvement with respect to redevelopment and walkability. They have generated detailed urban design recommendations, conducted several scenario analyses, and calculated the economic value of potential improvements to quality of place. Present

Kilbourne Group, Fargo, ND

May 2017-

❖ Used State of Place Software to quantify the differences in quality of place of their walkable downtown and their car-oriented arterial and advocated for transforming the latter into a people-first place. Shaped the conversations on place and its value around the car-first part of Main Street.

Dec 2017

Velocity Group, Springdale, AK

May 2017-

❖ Used State of Place Software to provide needed understanding to help align city, civic and private efforts, create efficiencies in investment areas, generate a resource for investment recruitment and sculpt ongoing planning efforts to enhance the quality of place in Downtown Springdale. Served as a communication tool to bring together multiple stakeholders and convince them

Dec 2017

about the need to create better quality places.

 Madison County Council of Governments, Fortville, IN ❖ Used State of Place Software to conduct in-depth analysis of an area that residents highlighted as the key obstruction preventing community connection and limiting walkability, especially along the core half-mile stretch of their downtown. The City used State of Place to illustrate how improvements would economically benefit businesses and community leaders to help justify the significant costs associated with road reconstruction projects and creating higher quality places. 	May 2017- Dec 2017
Downtown Sacramento Partnership, Sacramento, CA ❖ Used the State of Place Software to conduct an analysis of Old Sacramento in downtown to find ways to increase business sales revenue, identify other development options that would contribute to the overall local economy, and enhance the quality of place in the area.	May 2017- Dec 2017
Lee Highway Alliance, Arlington, VA ❖ Used the State of Place Software to proactively engage with the County of Arlington and various stakeholders involved in doing a scoping plan for the Lee Highway corridor - to better communicate the considerable redevelopment opportunities along the Lee Highway corridor. They identified opportunities to optimally transform the corridor and increase its walkability and identified urban design changes needed to create quality placemaking in the area.	
 City of Irvine, CA ❖ State of Place Software as a Service Pilot Customer; Using State of Place to assess value of potential redevelopment opportunities within an overlay district 	Jan 2017 - Oct 2018 t
 Uptown Business Improvement District, Houston, TX ❖ State of Place Software as a Service Pilot Customer; Using State of Place to assess value of approved Bus Rapid Transit and streetscape improvement project 	Sep 2016 - Present
 West Palm Beach Downtown Development Authority ❖ State of Place Software as a Service Pilot Customer; Using State of Place to assess value of potential redevelopment opportunities and walkability projects 	
 The City of Tigard, OR ❖ Conduct State of Place Analysis on redevelopment area, generate evidence-based recommendations; conduct scenario analysis on proposed projects; forecast ROI of proposed projects 	Jan 2016- Jun 2016

Lionstone Investments

Mar 2015-Nov 2016

- ❖ Used State of Place Software to analyze existing conditions of large intersection and surrounding neighborhood to identify potential areas of improvement and redevelopment, and proposed recommendations for increasing walkability. Compared two redevelopment scenarios (one that changed the infrastructure of current intersection to maximize pedestrian safety and comfort) objectively to use to gain approval and buy-in from city.
- Showed how the more people-first scenario had higher value

Conservation Law Foundation Ventures

Mar 2012-Present

- Conduct State of Place analysis for select targeted neighborhoods for transit oriented development investment
- ❖ Implement State of Place as a tool to evaluate proposed private and public sector development plans for transit-oriented neighborhoods and select projects that best advance the triple bottom line (including quality of life, health and economic returns)
- According to the fund, each development must hit a minimum score and minimum proposed increase to the score on the State of Place Index to qualify for funding

Iowa Department of Economic Development

Mar 2011-Mar 2014

- Conducting an empirically based impact assessment of the Iowa Department of Economic Development's (IDED) Green Pilot Community Program in West Union and Woodbine, Iowa.
- Identifying the significant social and economic impacts of the interventions conducted
- Identifying key changes in behavior, attitudes, and preferences facilitated
- Providing targeted rationale and recommendations for future interventions or programs that may be utilized by IDED
- Utilized State of Place to evaluate the economic impact of the built environment interventions tied to the Green Pilot Community program

Metropolitan Washington Council of Governments

- ❖ Implementing State of Place a walkability rating and diagnostic tool throughout 95 neighborhoods in the DC Metro region to diagnose their built environment assets and needs and inform the Strategic Investment Plan for the metropolitan area.
- Developing evidence-based recommendations related to interventions, investments, and policies aiming to increase walkability and economic development

Jan 2012-Jan 2014

New York Dept. of Health/Brownsville Partnership

Jan 2013-Apr 2014

- Organized a service-learning project for my Research Methods class at NYU-Poly
- Coordinated built environment data collection conducted by students
- Utilized State of Place to identify the built environment assets and needs of Brownsville, an underserved neighborhood in Brooklyn, NY
- Guided students in the development of intervention recommendations to improve walkability in Brownsville based on the State of Place diagnosis

Forest City: Science + Technology Group (via Mosaic Urban Partners)

May 2011-Oct 2012

- Developing and analyzing a community survey to inform the retail market analysis for the Johns Hopkins University (JHU) campus expansion
- Conducting an on-site visit of the JHU campus and surrounding neighborhood with key leaders of the residential community to further community engagement and understand their needs
- Conducted a focus group of and cognitive mapping exercise with JHU employees to understand attitudes, preferences, and behaviors regarding the JHU campus and surrounding neighborhood
- Coordinated and conducted a community-led site visit of the distressed neighborhood bordering the JHU campus to collect community insights and foster engagement

Cole Capital 2008-2010

Conducted market and trend research on the national retail industry

Cavan Commercial 2009

Conducted market and trend research on the national retail industry

Transportation for America (T4A)

2008

- Conducted literature review of academic, advocacy, and professional research investigating the value add of transit, transit financing, and transit policy. Literature review will focus on key elements of the T4A Campaign platform
- Created an annotated bibliography of results of the literature review
- Highlighted key findings and critical gaps in the current literature related to the T4A platform, establish prioritized research and funding objectives based on existing gaps, and prepare summary report of findings

Department of Housing and Urban Development's Office of International Affairs	2008
 Wrote and edited a report of Community Development Corporations, emphasizing lessons learned for an international audience Nathan Associates/Department of Housing and Urban Development's 	2008
Office of International Affairs	2000
Researched and compiled links between urban design, GIS, and sustainable development, as part of Principles and Guidelines for International Housing Policy Development project; Coordinating website development	
Olson Company, Irvine, CA ❖ Conducted market, spatial, and demographic research for Transit Oriented Development Opportunities	2007-2008
Regnum Properties, LLC, Houston, TX ❖ Created conceptual site plan for infill development ❖ Created design program and project narrative	2007
Solimar Research Group, Ventura CA/City of Lawndale, Lawndale,	2006-2007
 CA/Southern California Association of Governments (SCAG) Conducted spatial and market analysis of the main commercial corridor of a city in LA County's South Bay. Provided strategic implementation and urban design recommendations to facilitate the revitalization of the City's retail district. 	
Kansamento, LLC, Irvine, CA	2006
 Conducted detailed site plan analysis and site layout recommendations for 60-acre residential site. Consulted with contracted land planning and engineering firms regarding urban design features. 	
❖ Presented site plan to county planning agency Altius Partners I.I.C. Houston, TY	2006
 Altius Partners, LLC, Houston, TX ❖ Created conceptual site plan for mixed-use urban infill development ❖ Conducted detailed site plan analysis/site layout recommendations for Urban mixed-use and Greenfield developments ❖ Created design program and project narrative ❖ Presented site plan to county planning agency 	2000

- Created urban design audit tool to rank neighborhoods based on sense of place and walkability
- ❖ Conducted urban design analysis of 12 neighborhoods in Houston
- Published findings in a local Houston magazine, 002+

SPEAKING AND ADVISORY EXPERIENCE

Selected Workshop Leader, Walk21, Rotterdam, The Netherlands	Oct 2019
Selected Speaker, Breakout, Walk21, Rotterdam, The Netherlands	Oct 2019
Selected Speaker, Breakout, Walk21, Rotterdam, The Netherlands	Oct 2019
Invited Keynote Speaker, Walk21, Rotterdam, The Netherlands	Oct 2019
Selected Workshop Leader, Project for Public Spaces, Chattanooga, TN	Oct 2019
Invited Keynote and Plenary Speaker, Project for Public Spaces,	Oct 2019
Chattanooga, TN	
Invited Webinar Speakers, California Historic Preservation Society	Sep 2019
Invited Keynote and Workshop Leader, Israeli Green Building Conference	Sep 2019
Invited Keynote, North by North East Sustainability Conference	June 2019
Selected Speaker, EDRA, New York, NY	May 2019
Invited Keynote, The Northwest, Alesund, Norway	Apr 2019
Invited Keynote, Nordic Place Branding Conference, Stockholm, Sweden	Apr 2019
Special Guest Keynote, Duke Energy Joules Clean Tech Startup	Mar 2019
Accelerator Kickoff	
Invited Exhibitor, MOVE Mobility Conference, London, UK	Feb 2019
Invited Speaker, Placemaking Week China, Wuhan, China	Dec 2018
Invited Keynote Proptech Norway, Oslo, Norway	Nov 2018
Invited Keynote Oslo Urban Arena, Oslo, Norway	Sep 2018
Invited Speaker ONS, Stavanger, Norway	Aug 2018
Invited Speaker Arendalsuka, Arendal, Norway	Aug 2018
Invited Speaker Swiss Smart Cities, Basel, SW	April 2018
Invited Speaker Smart Cities Exchange, Mexico City, MX	Feb 2018
Invited Speaker Future Place Leaders, Stockholm	Sept 2017
Invited Speaker Smart Cities LATAM, Puebla, Mexico	Jun 2017
Selected Speaker Engaging Local Government Leadership Conference, Detroit, MI	May 2017
Invited Speaker Project for Public Spaces, New York, NY	May 2017

Expert Interview Skidmore, Ownings & Merrill, New York, NY	May 2017
Expert Interview Vice - Motherboard Media	May 2017
Invited Panelist Smart Cities NYC, New York, NY	May 2017
Invited Speaker Georgetown Smart Cities Assembly, Washington, D.C.	Apr 2017
Invited Speaker National University of Singapore, Singapore	Mar 2017
Invited Speaker New York University, Shanghai	Dec 2016
Selected Semifinalist Metaprop & MIPIM Proptech Summit, New York, NY	Oct 2016
Invited Keynote Speaker at Walk 21 Annual Conference, Hong Kong,	Oct 2016
China	
Invited Keynote at Bouygues Group	Jun 2016
Invited to Pitch at X-Squared Angels/Rev 1 Ventures (Tech Columbus),	Dec 2015
Columbus, OH	Nov. 2015
BMW Mini Selected Exhibitor at Colnvent Pulse Conference, New York, NY	Nov 2015
Invited Expert at Mayor's Institute on City Design at Annual West Regional	Nov 2015
Session, Houston, TX	
Invited to Pitch at Investor's Circle New York, New York, NY	Oct 2015
Invited Speaker at Rice University Kinder Institute, Houston, TX	Jun 2015
Invited Speaker at Urban Land Institute 2015 Florida Summit, Ponte Vedra	Jun 2015
Beach, FL	
Invited Speaker at the United States Consulate's Sustainability Forum in Shenyang, PRC	May 2015
Selected Speaker at American Planning Association Annual Conference,	Apr 2015
Seattle, WA	
Invited Speaker at The University of Oklahoma's Institute for Quality Communities Placemaking Conference, Norman, OK	Mar 2015
Selected Speaker at The Lean Startup Conference, San Francisco, CA	Dec 2014
Invited Speaker at Destination Long Island Economic Development	Oct 2014
Summit, Long Island, NY	
Selected Speaker at SOCAP Health, New York, NY	June 2014
Invited Speaker at Gensler's Monthly Learning Seminar	Mar 2014
Creator of and Speaker at ULI Shanghai's Walkability Week Seminar	Mar 2014
Invited Speaker at Guizhou Province's Centers of Disease Control	Mar 2014
Invited Speaker at Capital University of Economics and Business and	Dec 2013
Beijing Social Sciences Union Forum on Urban Internationalization	Dec 2013
Invited Speaker at ULI Beijing's Annual Meeting	Dec 2013

Invited Speaker at Food for Thought Shanghai Series: Interaction and Evolution in Urban Context	Nov 2013
Invited Speaker at ULI & RICS Joint Seminar on Building Healthy Places, Shanghai, China	Sep 2013
Invited Speaker at ULI Asia Pacific Summit, Shanghai, China.	June 2013
Invited Speaker at New York Academy of Sciences on Walkable Cities, New York, NY.	Mar 2013
Invited Speaker at SPUR, San Jose, CA.	Feb 2013
Invited Speaker at EcoDistricts Summit on The Economics and Branding of Cities Panel, Portland, OR. Forthcoming	Oct 2012
Invited Speaker at Mobility 21 on Business of Walkable and Bikeable Communities Panel, Anaheim, CA.	Sept 2012
Invited Workshop Instructor: Using Audit Tools for Active Living Research, Beat Institute, Boston, MA.	June 2012
Co-presenter of Workshop on Walkability: Taming the Data Blizzard: A "How To" for Scoring Built Environment Audit Tools for Data Analysis	Mar 2012
Invited Speaker at Office of Policy Development and Research, Department of Housing and Urban Development - Presentation on The Value of Urban Design	Nov 2010
Invited Speaker at Finance Workshop for Living City Block - Presentation on The Value of Urban Design	Oct 2010
Invited Speaker at Downtown Executives Research and Advocacy Meeting, Philadelphia, PA - Presentation of Walkable Urban Places	Nov 2009
Invited Speaker & Trainer at USC Institute for Health Promotion & Disease Prevention Research - Presentation on "Measuring the Value of Urban Design: The Relationship between the Built Environment, Physical Activity, and Health" and Irvine Minnesota Inventory Audit Training	June 2009
Invited Speaker at Arlington County Economic Development Retail Task Force Executive Board Meeting	Mar 2009
Invited Speaker at Cincinnati's ULI Form-based Code Conference - Retail, Redevelopment, and Form-based codes? The Value of Urban Design	Oct 2008
Featured Speaker at Houston's ULI Urban Marketplace - Retail by Design: Design and Retail as Catalysts for Community Revitalization ULI Technical Advisory Panelist (TAP)	Sept 2006
Prince George's County Mall Revitalization Study, Prince George's County, MD	Sept 2015
Mt. Pleasant Retail Corridor Revitalization Strategy, Office of Planning, DC	Apr 2009
Town Center Redevelopment Strategy for Bladensburg, MD	Apr 2008
Special Needs Housing Strategic Recommendation for Orange County, CA	Jun 2007
Retail Revitalization Development Strategy for Mission Viejo, CA	Apr 2007

Delphi Panel Expert

Sense of Community
Pedestrian-Oriented Environments/Walkability - Active Living Research

Sept 2006 Feb 2005

GRANTS

Alfonzo, M (Principal Investigator): SBIR Phase I: State of Place Urban Data Analytics Platform Modeling Economic Return on Investment and Evidence-Based Urban Design and Development Strategies. \$150,000

Alfonzo, M (Principal Investigator): The State of Place in China - Best Practices and Policies for Sustainable, Livable and Healthy Urban Development in Chinese Cities. Fulbright. \$60,000

Day, K. (Co-PI); Guo, Z. (Co-PI) & **Alfonzo, M.** (Co-PI): Urban design, physical activity, and obesity in rapidly growing Chinese cities. New York University Global Public Health Research Challenge Fund. \$15,000

Day, K. (Co-PI); Guo, Z. (Co-PI) & **Alfonzo, M.** (Co-PI): Design of tall buildings and tall building districts to promote physical activity in China. Council for Tall Buildings and Urban Habitat. \$20,000

Alfonzo, M (Co-principal Investigator) & Leinberger, C. (Co-principal Investigator): Performance Measures for Markey Viability and Social Equity for Regionally Significant Walkable Urban Places, Phase I. Rockefeller Foundation. \$100,000

Alfonzo, M (Co-principal Investigator) & Leinberger, C. (Co-principal Investigator): Hitting our Stride: Developing an operational definition and performance metrics for Walkable Urban Places, Phase I. The Summit Foundation. \$100,000

Alfonzo, M (Co-principal Investigator) & Leinberger, C. (Co-principal Investigator): A Stepby-Step Approach for Creating Walkable Urban Places: Washington, D.C., and Beyond. Phase I. Urban Land Institute Foundation, Community Action Grant, \$25,000

Alfonzo, M (Principal Investigator): The Economic Value of Walkable Urbanism: Evaluating the price premium of walkable urban neighborhoods. Bombardier Grant, \$20,000

Alfonzo, M (Co-principal Investigator) & Leinberger, C. (Co-principal Investigator): Performance Measures for Markey Viability and Social Equity for Regionally Significant Walkable Urban Places, Phase I. The Prince's Foundation. \$15,000

PEER REVIEWED PUBLICATIONS

Environment and Planning B: Urban Analytics and City Science, 1-21

Alfonzo, M., Guo, Z., Lin, L., & Day, K. (2014). Walking, obesity and urban design in Chinese neighborhoods. *Preventive Medicine*, 69, S79-S85

In partnership with Preservation Green Lab (2014). Older, smaller, better: Measuring how the character of buildings and blocks influences urban vitality. Report published by Preservation Green Lab in association with the National Trust for Historic Preservation.

Day, K., **Alfonzo, M.**, Guo, Z., & Lin, L. (2013). Design of tall buildings and tall building districts to promote physical activity in China. *Council on Tall Buildings and Urban Habitat Journal, IV,* 18-25.

Day, K., **Alfonzo, M.**, Chen, Y., Guo, Z. & Lee, K. (2013). Overweight, obesity, and inactivity and urban design in rapidly growing Chinese cities. *Health & Place, 21*, 29-38.

Leinberger, C.* & **Alfonzo, M**. (2012). "Walk this way: The economic promise of walkable places in Metropolitan Washington, D.C." The Brookings Institution, May. *Brookings affiliate listed first.

Lang, R., **Alfonzo, M.** & Dawkins, C. (2009). "American demographics - Circa 2109." Planning - A Centennial Issue: Celebrating the Next 100 Years, May.

Lang, R. & **Alfonzo, M.** (2009). "Sustainable megapolitan: How large scale urban development can help green America." In S. Piedmont-Palladino & T. Mennel (Eds.), Green Community, Chicago: American Planning Association.

Alfonzo, M., Boarnet, M., Day, K., McMillan, T., & Anderson, C. (2008). The relationship of neighborhood built environment features and walking. *Journal of Urban Design, 13, 1,* 29-51

Day, K., Boarnet, M., **Alfonzo, M.**, Forsyth, A. (2006). The Irvine Minnesota Inventory to Measure Built Environments: Development, *American Journal of Preventive Medicine, 30, 2,* 144-152

Day, K., Boarnet, M., **Alfonzo, M.**, Forsyth, A. (2006). The Irvine Minnesota Inventory to Measure Built Environments: Reliability Testing, *American Journal of Preventive Medicine*, 30, 2, 144-152.

McMillan, T.E., Day, K.M., Boarnet, M.G., **Alfonzo, M.**, Anderson, C. (2006). Johnny can walk to school–can Jane? Examining sex differences in children's active travel to school. *Children, Youth and Environment, 16, 1,* 75-89.

Alfonzo, M. (2005). To walk or not to walk: The hierarchy of walking needs. *Environment and Behavior, 37, 6,* 808-836.

Boarnet, M., Day, K., Anderson, C., McMillan, T. & Alfonzo, M. (2005). California Safe Routes

to School program: Impacts on walking, bicycling, and pedestrian safety. Journal of the American Planning Association, 71, 3, 301-317.

Boarnet, M., Anderson, C., Day, K., McMillan, T., & **Alfonzo, M.** (2005) Evaluation of the California Safe Routes to School Legislation: Urban form changes and children's active transportation to school. *American Journal of Preventative Medicine, 28, 2,* Supplement 2, 134-140.

OTHER PUBLICATIONS

Alfonzo, M. (2015). Making the Economic Case for More Walkability. Urban Land Magazine. May 15th.

Day, K., **Alfonzo, M**. & Guo, Z. (2013). Design of tall buildings and tall building districts to promote physical activity in China. Final Report to the Council on Tall Buildings and Urban Habitat.

Lang, R., **Alfonzo, M.** & Dawkins, C. American demographics circa 2109: People, places, and densities a century from now (2009) Planning, May, 10-15.

Alfonzo, M. (2008). Houston - Weathering the Economic Storm. Houston Planning Review (Houston APA), In Press.

Alfonzo, M. & Lang, R. (2008). Is Retail the Silver Lining? Urban Land, August, 148-152.

Alfonzo, M. (2008). The U.S. Community Development Experience: Historical Lessons from Community Development Corporations. A Report to the Department of Housing and Urban Development, 1-62.

Alfonzo, M. (2006). State of Place II. 002+ Houston Magazine, April, 56.

Kaplan, J., **Alfonzo, M.,** & Valencia, C. (2005). State of Place. *002+ Houston Magazine*, *April*, 30-38.

Boarnet, M., Anderson, C., Day, K., McMillan, T., & **Alfonzo, M.** (2003). Safe Routes to School - Vol. 1: Study Overview and Summary of Results. *Report to the California Legislature,* 1-66.

Boarnet, M., Anderson, C., Day, K., McMillan, T., & **Alfonzo, M.** (2003). Safe Routes to School - Vol. 2: Detailed Results. *Report to the California Legislature*, 1-189.

Anderson, C., Boarnet, M., McMillan, T., **Alfonzo, M**., & Day, K. (2003). Walking and automobile traffic near schools: Data to support an evaluation of school pedestrian safety programs. *Proceedings, Annual Meeting of the Transportation Research Board, 1,3,* 1-22.

ARTICLES UNDER REVIEW

Boyko, C., Coopers, R. Hale, J. Coulton, C., Rajendran, L. & Alfonzo, M. (TBD). Victorian slums aren't so bad after all: Exploring the relationship between wellbeing and the urban environment. *Health and Place*

TEACHING EXPERIENCE

Professor, NYU Internship Guest Lecture, Central University of Finance and Economics Urban Design and The Triple Bottom Line; Walkability in the US vs. China	2014- Present 2013
Professor, NYU-Poly	2013
Research Methods	
Professor, NYU-Poly	2012
Design of Cities	
Professor, NYU-Poly	2012,
The Value of Urban Design: How the Built Environment Can Enhance the Triple Bottom Line	2011
	2009
Professor, Virginia Tech Independent Study: Introduction to Urban Design and Behavior	2007
Professor, Planning Academy, Virginia Tech, Alexandria, VA The Value of Urban Design: How the Built Environment Can Enhance the Triple Bottom Line	2009
Professor, Virginia Tech, Alexandria, VA	2009
The Value of Urban Design: Site Plan and Behavioral Analysis - Workshop/Module	
Professor, Virginia Tech Center for European Studies and Architecture, Riva San Vitale, Switzerland The Value of Urban Design	2008
Professor, Virginia Tech University, Alexandria, VA	2007
Introduction to Urban Design	
Guest Lecturer, UC Irvine, USC	
The Future of Environment-Behavior Studies	2007
Suburban Commercial Decline and Revitalization	2006,
	2007
History of Environmental Psychology	2005
Mixed Research Methods - Learning from Safe Routes to School	2003
Teaching Assistant, University of California, Irvine, Irvine, CA Environmental	
Psychology; Naturalistic Field Research - Upper Division Writing	2005 2007

PAPERS AND POSTERS PRESENTED AT ACADEMIC CONFERENCES

Alfonzo, M. (February 2014). Boosting Boston's State of Place: Applying an evidence-based tool to guide social impact investments aiming to increase walkability and health in historically distressed neighborhoods. Presentation at the Annual Active Living Research Conference, San Diego, CA.

Alfonzo, M. (October 2013). State of Place China: The Link between Walkability, Physical Activity and Health in Shanghai, China. Presentation at the Annual Association of Pacific Rim Universities Conference, Hangzhou, PRC

Alfonzo, M. (September 2013). Walking toward Sustainable Change: How State of Place can influence placemaking decisions, enhance walkability, and maximize the triple bottom line. Presentation at the Annual Walk 21 Conference, Munich, Germany

Alfonzo, M. Day, K. & Guo, Z. (February 2013) *Active Living in China? The Role of the Built Environment, Cultural, and Social Factors on Rising Overweight and Obesity Rates in Rapidly Urbanizing Chinese Cities.* Poster presented at the Annual Active Living Research Conference, San Diego, CA

Alfonzo, M. (March 2012). Taming the Data Blizzard: A "How To" for Scoring Built Environment Audit Tools for Data Analysis. A workshop presented at the Annual Active Living Research Conference, San Diego, CA

Alfonzo, M., et. al. (April 2011). *Streamlining Walkability Audits for Smart Growth-Physical Activity Assessments*. A presentation given at the Society for Behavioral Medicine Annual Conference, Washington, DC

Alfonzo, M. (June 2010). *Urban Design - The Triple Threat?* Paper presented at the Environmental Design Research Association Annual Conference, Washington, DC

Alfonzo, M. (June 2010). A Smart Growth IQ? Toward a consensus of Smart Growth Principals (Assessing the Preserve, Chino, CA). Paper presented at the Just Metropolis Planner's Network Conference, San Francisco, CA

Alfonzo, M. (June 2010). Hitting our Stride: Developing an Operational Definition of and Performance Metrics for Walkable Urban Places. Paper presented at the Just Metropolis Planner's Network Conference, San Francisco, CA

Alfonzo, M. (July 2008). The Social and Economic Value of the Built Environment: Evaluating the livability impact of redeveloping failing US malls into mixed-use neighborhoods. Paper presented at the International Association of Person Environment Studies Annual Conference, Rome, Italy.

Alfonzo, M. (April, 2008). The value of urban design: The effect of suburban redevelopment on sense of community. Paper presented as part of the Designing Urbanism II: Building city

and suburbia symposia at the American Association of Geographers Annual Meeting, Boston, MA

Alfonzo, M. (October, 2006). A mall in a former life... Evaluating the impact of converting failing malls into mixed-use neighborhoods. Paper presented at the Association of Collegiate Schools of Planning, Fort Worth, TX.

Alfonzo, M. (October, 2005). From dying malls to thriving neighborhoods? Evaluating the impact of mixed-use suburban greyfield mall revitalization on sense of community. Paper presented at the Association of Collegiate Schools of Planning, Kansas City, MO.

Day, K., **Alfonzo, M**., Boarnet, M. (February 2005). *Active living research: Common measures and community design*. Roundtable session at the Active Living Research Annual Conference, Coronado, CA.

Day, K., **Alfonzo, M.** & Boarnet, M. (October 2004). Assessing built environment features linked to physical activity. Paper presented at the Association of Collegiate Schools of Planning, Portland, OR.

Alfonzo, M., Day, K. & Boarnet, M. (June 2004). Developing a Survey Instrument to Measure Urban Design and the Built Environment Related to Physical Activity. Paper presented at the Environmental Design Research Association Annual Conference, Albuquerque, NM.

Boarnet, M., Day, K., & **Alfonzo, M.** (Jan. 2004). Assessing Built Environment Features Linked to Physical Activity. Paper presented at the Active Living Research Annual Conference, Del Mar, CA.

Boarnet, M., Anderson, C., Day, K., McMillan, T & **Alfonzo, M.** (Jan. 2004). Using a quasi-experiment to learn more about urban form and physical activity: The California Safe Routes to Schools program. Paper presented at the Active Living Research Annual Conference, Del Mar, CA.

Alfonzo, M. & Day, K. (May 2003). The relationship between walking and urban design. Interactive paper presentation at the Environmental Design Research Association Annual Conference, Minneapolis, MN.

OTHER SELECTED CONFERENCES, MEETINGS AND WORKSHOPS ATTENDED

International Downtown Association Annual Conference, 2016
Urban Land Institute, Fall Meeting: New York, NY, Oct 2014; Los Angeles, CA, Oct 2011;
Washington DC, Oct 2010; Las Vegas, NV, Nov 2007; Los Angeles, CA, Nov 2005
Urban Land Institute, Asia Pacific Summit: Shanghai, China, May 2013; Beijing, China, May, 2012:

Urban Land Institute, Spring Forum: Boston, MA, Apr 2010

Urban Land Institute: Reinventing Retail - Community, Lifestyle, and Entertainment, Beverly

Hills, CA, Feb 2008, Feb 2007, Feb 2006, Feb 2005

ULI Washington - Urban Marketplace, Sept 2007, 2008, 2009

ULI Orange County - Reinventing the Mall at Bella Terra, Huntington Beach, CA, Feb 2007 ULI Houston - Urban Marketplace, Sept 2006

International Council of Shopping Centers Annual Conference, Las Vegas, CA. May 2006, May 2005

ULI Orange County - First Annual Public Policy Forum, Irvine, CA, April 2006

Urban Land Institute: Placemaking Conference - Developing Town Centers, Transit Villages and Main Streets - The Woodlands, TX, Dec 2005

ULI Orange County The Jamboree Corridor: Urban Village or Just Infill Development?, Irvine, CA, Nov 2005

New Urbanism Today: Unlocking the Doors to Implementation Workshop, APA, San Diego Chapter, San Diego, CA, Nov 2005

Smart Growth Land Development Regulations Workshop, San Diego, CA, Jun 2005.

University of California Transportation Center Annual Conference, Los Angeles, CA, Jan 2003; Berkeley, CA, Jan 2002

South Florida Land Use and Transportation Systems Design Workshop, South Florida Regional Planning Council, Fort Lauderdale, FL, Sep 2002.

PRESS

CTech by Calcalist: <u>Pedestrians Are Good for Business, Says Founder of City Planning</u>
<u>Startup Oct 2019</u>

Boston Innovation Guide: <u>10 Tech Startups to Watch Mar</u> 2019

Arkitektnytt: Mariela Measures the City's Quality Nov 2018

Arkitektnytt: Create better locations with "micro-data" Sep 2018

WRAL Tech Wire: Meet Innovate Durham's new cohort: A look at the 7 startups Aug 2018

FundingSage: Women Entrepreneurs Spotlight: State of Place Oct 2017

Global News Canada: <u>Audio Vault Radio Interview</u> Sep 2017

Winnipeg Free Press: <u>Predicted boom for Portage and Main up for debate</u> Sep 2017

Parksify Podcast: Mariela Alfonzo on data analytics for better cities August 2017

DigitalSwitzerland: Meet the 30 startups that will join Kickstart Accelerator July 2017

SOM: Regen Cities - Access Jun 2017

Motherboard/Vice: <u>Meet the Startup Making Cities More Walkable</u> May 2017 New Cities: <u>NewCities Expands Fellowship Program to Highlight Leading Urban</u> Thinkers May 2017

HFF Blog: Walkability: Why It Is Important to Your CRE Property Value, Sep 2016

NYU Entrepreneurs Blog: <u>How a Built Environment Data Geek Became an Entrepreneur</u>, Sep 2016

Cisco's Power of Technology Campaign: <u>Is Now the Best Time to Solve Cities' Problems with Technology?</u>, May 2016

Streetsblog The Overhead Wire Podcast: The "Peking" Order, Mar 2015

Washington Square News: <u>Health Impacts of Urban Design Analyzed</u>, Mar 2015

Science Daily: <u>Urban Design Influences Level of Physical Activity in China</u>, Feb 2015

L'Atelier: Accelerating Business: <u>Les villes chinoises doivent repenser leur aménagement</u> urbain, Feb 2015

CityLab: Declining Walkability Plays a Big Role in China's Obesity Problem, Nov 2014

Regional Business Talk Podcast: Mariela Alfonzo - State of Place, Aug 2014

Mobility Lab: <u>Live, Work & Prosper: Activity Centers in the D.C. Region</u>, Jan 2014 Mobility Lab: <u>Livability: The Case for Activity Centers in the D.C. Region</u>, Jan 2014

Mobility Lab: Activity Centers: Economic Engines and Livable Places, Jan 2014

Forbes: <u>People's Streets: What Will Walkable Urbanism Look Like In China?</u>, Dec 2013 Radio New Zealand: National: Nine To Noon Podcast: <u>Urbanist Tommy Honey</u>, Oct 2013 Governing: <u>Turning Scary Places Into the Great Places Where People Want To Live</u>, Oct

2013

Scienceline: Non-volitional Health: Helping You Get Healthier Without You Even Realizing It, May 2013

New York Academy of Science Podcast: <u>Diagnosing Urban Design Apr</u>, 2013 New York Academy of Science: Sloth: Is Your City Making You Fat? Mar, 2013

The Region Forward's Yardstick Blog: <u>A Plan for Investing in Metropolitan Washington to</u> Improve Walkability and Economic Performance, Mar 2013

Atlantic Cities: An App That Tells You How Walkable a Street Really Is Feb, 2013

Mobility Lab: The Silver Line Playbook: Clarendon and Tysons Jan, 2013

Atlantic Cities: If You Want Walkable Development, You Must Show that it Pays!, Sep 2012

Spacing Montreal: <u>Urban Planet: Fuel Efficiency Overwhelmed by Volume of Cars,</u>

<u>Intersection Games, Detroit Bikes</u>, Sep 2012

Atlantic Cities: <u>'Walk Score' Is Great, But it Still Doesn't Capture 'Walk Appeal'</u> Aug, 2012 National Association of Realtors: <u>Walkable Areas Fetch Higher Home Prices</u> Jul, 2012

Business Insider: Something's Making China Really Fat, Really Fast Jun, 2012

Atlantic Cities: What's Making China Fat? Jun, 2012

New York Times: <u>Now Coveted: A Walkable, Convenient Place</u> May, 2012 Atlantic Cites: <u>Why We Pay More for Walkable Neighborhoods</u> May, 2012

HONORS AND AWARDS

Elemental Accelerator Finalist, Aug 2019 Knight Foundation Urban Fellows Finalist, July 2019 New England Innovation Awards Nominee, June 2018 Dao Ventures Finalist, December 2017

Urban Future NYC Semifinalist, 2018

Kickstart Accelerator Program, Smart Cities Winner, September 2017

Mass Challenge, Boston, Finalist, May 2017

Top 21st Local Government Company, ELGL, May 2017

Associate Fellow for Placemaking, New Cities Foundation, May 2017

MIPIM Proptech Summit MetaProp NYC Finalist, May 2017

World Cities Summit Young Leader, Jun 2015

Urban Land Institute 40 under 40, October, 2014

Fulbright Scholar, Shanghai, China, 2013-2014

Summer Session Grant Program Award, Virginia Tech, 2008

University of California President's Dissertation Fellowship, 2005-2006 School of Social

Ecology Outstanding Mentor Award, UC Irvine, 2006

School of Social Ecology Dissertation Writing Fellowship, UC Irvine, 2006 School of Social

Ecology Data Collection Fellowship, UC Irvine, 2005, 2004 Graduate Opportunity

Fellowship, University of California, Irvine, 2001-2002 Phi Beta Kappa Honor Society, 1998

Golden Key National Honor Society, 1998

Henry King Stanford Scholarship, University of Miami, 1996, 1997, 1998

Ford Salute to Education Scholarship, 1996

Florida Academic Scholarship, 1996, 1997, 1998

SERVICE

Chair of University Outreach Subcommittee, Young Leaders Group Executive Committee, Orange Country District Council, Urban Land Institute

Department Seminar Coordinator, UCI Department of Planning, Policy, and Design Department recruitment assistant, UCI Department of Planning, Policy, and Design

AFFILIATIONS

Urban Land Institute

International Downtown Association

American Planning Association

Association of Collegiate Schools of Planning

Environmental Design Research Association

Center for Livable Communities (Local Government Commission)

International Council of Shopping Centers