Panel discussion overview

- Research conducted in high income countries has documented the influence of urban built and physical environments on health outcomes, health equity, and environmental factors.

- However, evidence from lower income countries and the Latin America region specifically is scarce.

- This panel discussion will focus examine the relationships of street design, urban form, green space, and population density with a variety of health outcomes including diabetes, road traffic mortality, and homicides.

Agenda and speakers

- Session overview and introduction to SALURBAL:
  - Daniel Rodriguez, SALURBAL Principal Investigator, University of California-Berkeley, USA

- Urban landscape and street design factors associated with road traffic mortality in Latin American cities:
  - Alex Quistberg, SALURBAL Co-Investigator, Drexel University, USA

- Built environment characteristics as drivers of obesity and diabetes: An analysis of adults in Latin American cities:
  - Cecilia Anza Ramirez, SALURBAL Co-Investigator, Universidad Peruana Cayetano Heredia, Peru

- Greenness and education inequalities in life expectancy in Latin American cities: an ecological study:
  - Mika Moran, SALURBAL Co-Investigator, University of California-Berkeley, USA

- Health and environmental co-benefits of city urban form: the case of Latin American cities:
  - Ione Ávila-Palencia, SALURBAL Post-Doctoral Research Fellow, Drexel University, USA

- Discussion and Q&A

SALURBAL
Urban Health in Latin America

THE SALURBAL PROJECT

- ***Salud Urbana en América Latina*** – Urban Health in Latin America.

- An initiative of the Urban Health Network for Latin America and the Caribbean (**LAC-Urban Health**).

- Funded through **Wellcome Trust's** "Our Planet, Our Health" global initiative.

SALURBAL
Urban Health in Latin America

OUR VISION

- Create evidence base needed to make **Latin American cities** (and other cities) **healthier**, more **equitable**, and **environmentally sustainable**.

- **Engage policy makers and the public** in a new dialogue about urban health and urban sustainability and implications for societal action.

- Create a platform and network that will ensure continued **learning and translation.**

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Urban Health in Latin America

OUR TEAM: AN INTERNATIONAL NETWORK OF COLLABORATORS

Drexel University, Philadelphia, Pennsylvania, USA

National University of Lanus, Buenos Aires, Argentina

Federal University of Minas Gerais, Belo Horizonte, Brazil

Universidade de Sao Paulo, Sao Paulo, Brazil

Oswaldo Cruz Foundation, Salvador Bahia, Brazil

Oswaldo Cruz Foundation, Rio de Janeiro, Brazil

Universidad de Chile, Santiago, Chile

Pontífica Universidad Católica de Chile, Santiago, Chile

Universidad de los Andes, Bogotá, Colombia

Instituto Nacional de Salud Pública, Mexico City, Mexico

Universidad Peruana Cayetano Heredia, Lima, Peru

Institute of Nutrition of Central America and Panama (INCAP), Guatemala City, Guatemala

Pan American Health Organization, Washington, D.C., USA

University of California at Berkeley, Berkeley, California, USA

Washington University in St Louis, St Louis, Missouri, USA

PROJECT AIMS

SALURBAL

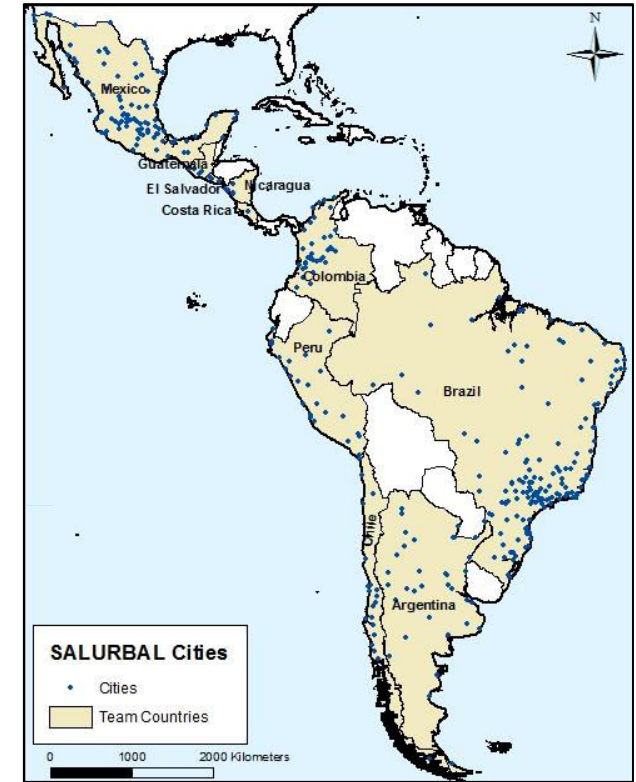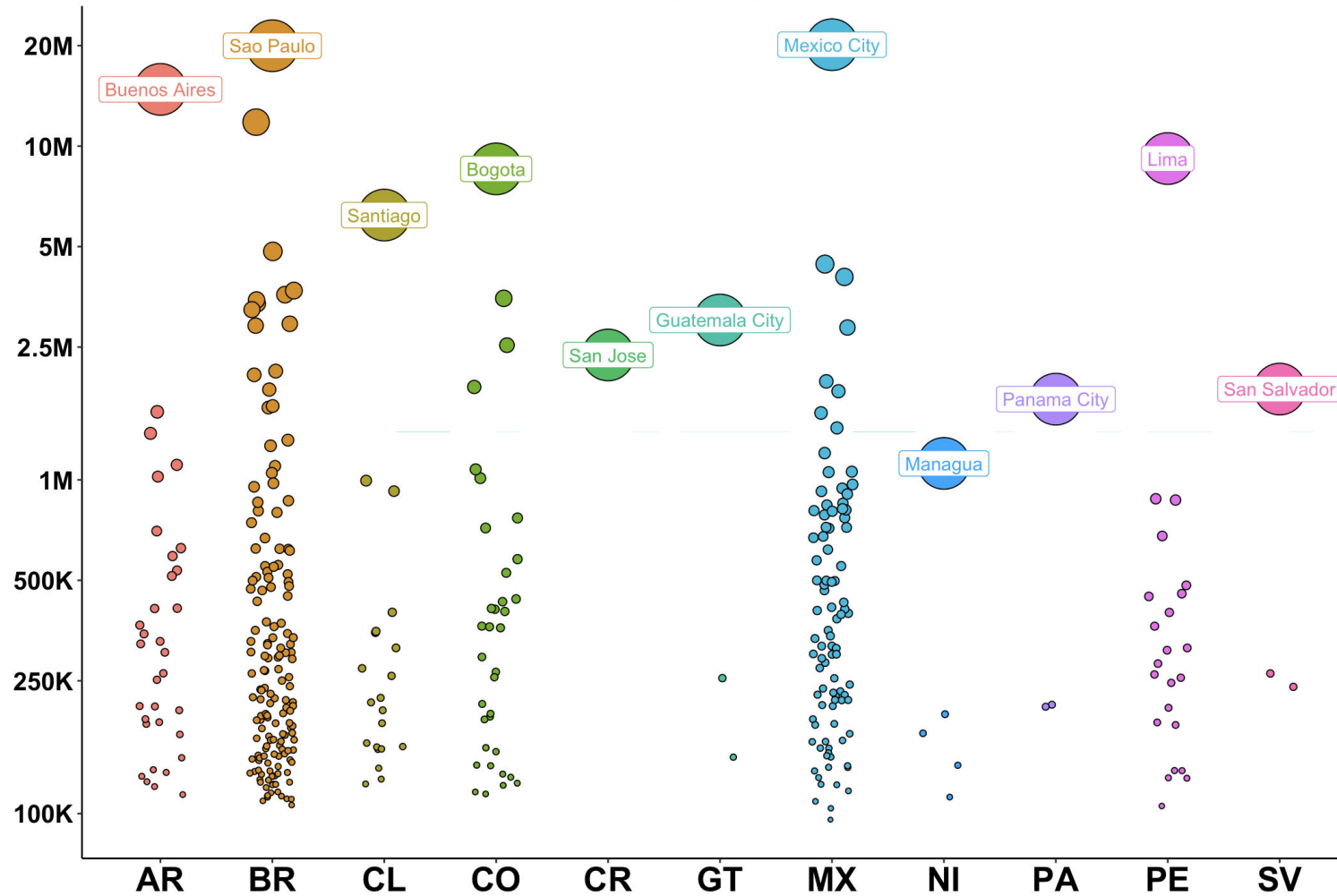|	
AIM 1	Identify city and neighborhood drivers of health and health inequalities among and within cities
AIM 2	Evaluate health, environmental and equity impact of policies and interventions
AIM 3	Employ systems-thinking and simulation models to evaluate urban-health-environment links and plausible policy impacts
AIM 4	Engage the scientific community, the public and policy makers to disseminate and translate findings

Lessons from Latin America about what makes cities healthier, equitable and environmentally sustainable

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AIM 1: CITY UNIVERSE

Population of 371 SALURBAL Cities (2010)

371 Urban Agglomerations with a population of >= 100,000 people by 2010

Level 1_AD: Composed of administrative units (Level 2) with easily available data.

Level 1_UX: Urban extent of the built-up area of a city quantitatively determined from satellite imagery.

Level 1_MA: Follows exact country-specific definitions of urban areas.

Level 2: Individual administrative "subcity" units nested in Level 1_AD (e.g., municipios or comunas). In some cases, Level 2 may be nested in Level 1_MA.

Level 3: "Neighborhoods" that are small census units (e.g., setor censitario) that are nested within Level 2. May approximately be linked with Level 1_UX.

NEIGHBORHOOD

CITY

SUB-CITY

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AIM 1: A COMPREHENSIVE DATA RESOURCE

City factors
- Economic and social structure
- Built environment
- Emissions and natural environment
- Social and behavioral environment
- Organizational/Institutional factors

Neighborhood factors
- Deprivation/Segregation
- Density/Urban form/Street network/Parks
- Particulate Matter/Temperature
- Crime, housing, work, mobility survey data
- Other resources and transportation infrastructure

Health Outcomes
- Mortality by age, sex, cause, education and ethnicity
- Self-reported/Objective survey data
- Hospital discharge data
- Cohort data from existing studies

Geocoding and data linkages

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