

# KENTA OKUYAMA

## Researcher

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github.com/okuyamak

## EXPERIENCE

Researcher  
Center for Community-based Healthcare Research and Education, Shimane University

October 2017 – Ongoing    Shimane, JAPAN

- Visualize population health data by GIS
- Manage data for analysis
- Conduct epidemiological study for neighborhood environment and older adults' health

Built Environment Epidemiology Intern  
Colorado Department of Public Health and Environment, Prevention Services Division

October 2016 – March 2017    Colorado, US

- Analyzed statewide population health data to create Physical Activity and Built Environment fact sheet
- Developed proposal for commuting mode change based on survey for employees

Data Analyst  
Center for Global Health WHO Collaborating Center at University of Colorado Denver

October 2016 – December 2016    Colorado, US

- Analyzed the healthcare quality in Liberia by System Availability and Readiness Assessment data developed by WHO

## PROJECTS

Rural neighborhood environmental attributes on the incidence of sarcopenia among older adults

Meiji Yasuda Life Foundation of Health and Welfare: young professionals' grant

January 2019 – December 2019

Identifying the rural-specific neighborhood environmental factors associated with incidence of sarcopenia and physical function declines among older adults in Japan.

Neighborhood physical and social environment and longitudinal change of physical activity prevalence and BMI among rural older adults

Sasagawa Sports Foundation: young professionals' grant

April 2019 – March 2020

Examine the neighborhood physical and social environments whether they are associated with longitudinal change of physical activity prevalence and BMI among rural older adults in Japan.

## MY LIFE PHILOSOPHY

"One picture is worth a thousand words"

## ACCOMPLISHMENTS

Japanese government sponsored student for long-term study abroad  
Ministry of Education, Culture, Sports, Science and Technology - Japan Student Service Organization

Japanese government sponsored student for short-term study abroad  
Ministry of Education, Culture, Sports, Science and Technology - Japan Student Service Organization

Delta Omega National Honor Society in Public Health  
Selected as a member of Delta Omega National Honor Society in Public Health

Colorado School of Public Health's Annual Award  
Received the Outstanding Contribution by a Student Award for Diversity and Inclusion

## RESEARCH SKILLS

Literature review	●●●●●●
Data management	●●●●●●
Data visualization	●●●●●●
Scientific writing	●●●●●●
Statistical analysis	●●●●●●

## OTHER SKILLS

R	●●●●●●
LaTeX	●●●●●●
GIS	●●●●●●
Python	●●●●●●
English	●●●●●●
Japanese	●●●●●●

## PUBLICATIONS

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### Journal Articles

- Okuyama, Kenta, Takafumi Abe, et al. (2019). "Hilly neighborhoods are associated with increased risk of weight gain among older adults in rural Japan: a 3-years follow-up study". In: *International journal of health geographics* 18.1, p. 10.
- Okuyama, Kenta, Kenju Akai, et al. (2019). "Effect of geographic accessibility to primary care on treatment status of hypertension". In: *PloS one* 14.3, e0213098.
- McAndrews, Carolyn, Kenta Okuyama, and Jill S Litt (2017). "The reach of bicycling in rural, small, and low-density places". In: *Transportation research record* 2662.1, pp. 134–142.

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### Conference Proceedings

- Okuyama, Kenta (2017). "The Impact of Public Transportation on Daily Walking Level: 3225 Board# 130 June 2 200 PM-330 PM". in: vol. 49. 5S. LWW, p. 915.

## EDUCATION

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### MPH Epidemiology

**University of Colorado Denver**

 September 2014 – June 2016

Thesis title: The impact of public transportation on daily walking level

### Exchange Public Health

**Baylor University**

 September 2012 – June 2013

### BA Exercise and Health

**Hosei University**

 April 2009 – March 2014