

# EUNGANG (PETER) CHOI

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## EDUCATION

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### **The Ohio State University, Columbus, Ohio**

*August 2017 - Present*

Ph.D in Sociology

- M.A. in Sociology (2019)
- Advisor: Sam Clark
- Graduate Interdisciplinary Specialization in Demography(GISD)
- IPR (Institute for Population Research) Student Affiliate
- TDAI (Translational Data Analytics Institute) Associate

### **KDI School of Public Policy and Management, Seoul, S.Korea**

*Feb. 2006 - Feb. 2012*

Master of Public Policy (MPP)

*Magna Cum Laude*

- Advisor: Yu Sang Chang
- Thesis : Research on US Crime Rate - Using the Kinked Experience Curve Model
- Concentration: Entrepreneurship and Private Sector Development / Finance and Macroeconomic Policy

### **Handong Global University, Pohang, S.Korea**

*Feb. 2012 - Aug. 2013*

B.A. Management, International Area Studies (Double Major)

## RESEARCH

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### **Assessing User-based Rating Systems**

Using Airbnb data to assess discrimination in user-based ratings in the US.

Keywords: Skin-tone(1-5); text analysis; facial Recognition; image processing

- *to be presented at PAA 2020 in Washington D.C.*

### **Fertility Trends**

Examining fertility trends relative to development (HDI) for 58 countries around the world.

### **Access to Transportation: Bus Network and Spatial Inequality in Columbus**

Operationalizing the COTA (Central Ohio Transit Authority) bus system as a network to measure the accessibility one has to other parts of the city where infrastructure and social capital exist.

- *presented at ASA 2019 in Newyork, NY*

### **openVA Pipeline**

Software development(CrossVA), Conducting Training, and providing country support for verbal autopsy.

### **Understanding Fertility Through Twitter**

Using the search keywords that are highly correlated with fertility data, this research gathers and analyzes twitter data to further understand and gain insights on fertility.

## TEACHING

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<b>The Analysis and Display of Data</b> <i>ECON 3400 - Guest Lecture</i>	Nov. 2019 <i>The Ohio State University</i>
<b>Seminar for Graduate Interdisciplinary Specialization in Demography</b> <i>SOC 8802/PUBHLTH 8802 - Guest Lecture</i>	Nov. 2019 <i>The Ohio State University</i>
<b>Introduction to Sociology</b> <i>SOC 1101 - Guest Lecture</i>	Nov. 2018 <i>The Ohio State University</i>

## PRESENTATION

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<b>Verbal Autopsy and OpenVA</b> <i>TDAI Fall Forum</i>	Nov. 2019 <i>Columbus, OH</i>
<b>Access to Transportation: Bus Network and Spatial Inequality in Columbus</b> <i>ASA Annual Meeting 2019</i>	Aug. 2019 <i>New York, New York</i>
<b>Training of Trainers Workshop</b> <i>Presenter/Trainer</i>	Nov. 2018 <i>Columbus, OH</i>
· VA Data Quality Review and COD Assignment	
<b>OpenVA Pipeline Implementers and Developers Meeting</b> <i>Presenter/Trainer</i>	May. 2018 <i>Singapore</i>

## TRAINING

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<b>Summer Institute in Computational Social Science (SICSS)</b> · Northwestern University	June, 2019
<b>DHIS2 Configuration</b> · Basel, Switzerland (Swiss TPH)	March, 2019
<b>IUSSP/MPIDR Workshop on Monitoring Mortality in the Era of the SDGs</b> · Rostock, Germany	June, 2018
<b>Annual Workshop on Formal Demography</b> · UC Berkeley	June, 2018
<b>Demographic Research in the Digital Age</b> · Denver, CO	April, 2018

## MEMBERSHIP

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<b>Population Association of America (PAA)</b>	2018 - Present
<b>International Union for the Scientific Study of Population (IUSSP)</b>	2018 - Present
<b>American Sociological Association (ASA)</b>	2018 - Present

## SCHOLARSHIPS & AWARDS

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**2019 Summer Institute in Computational Social Science - Chicago Grant (\$700)** 2019  
*SICCS-Chicago*

**2019 Summer Methods Training Award (\$1,200)** 2019  
*Department of Sociology, OSU*

**2018 Summer Methods Training Award(\$1,183)** 2018  
*Department of Sociology, OSU*

**University Fellowship** 2017 - 2018  
*The Ohio State University*

**Dean's List with Distinction** 2012 - 2013  
*KDI School of Public Policy and Management*

**CA (Class Assistant) Scholarship** 2012 - 2013  
*KDI School of Public Policy and Management*

## COUNTRY SUPPORT

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**Vital Strategies** Nov. 2019  
*Consultant* *Dhaka, Bangladesh*

- VA Data Quality and Scale-up Workshop

**Vital Strategies** Mar. 2019  
*Consultant* *Honiara, Solomon Islands*

- openVA Pipeline Development and Implementation

**Vital Strategies** Dec. 2018  
*Consultant* *Delhi, India*

- Training on VA Algorithms and Software
- Comparing Methods for Assigning CoD Assignment

**Vital Strategies** Nov. 2018  
*Consultant* *Dhaka, Bangladesh*

- A data quality check customization
- CoD assignments through OpenVA Pipeline

## WORK EXPERIENCE

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### **Korea Standards Association**

*Consultant*

Sep. 2016 - Aug. 2017

*Seoul, S.Korea*

- Management Innovation Center, Organization Competency Innovation Center

### **KPMG**

*Consultant*

Nov. 2015 - Jun. 2016

*Seoul, S.Korea*

- Business Consulting Service

### **KMAC**

*Senior Consultant*

Mar. 2013 - Jun. 2015

*Seoul, S.Korea*

- Management of Technology
- Global Business/Management Strategy Division

## TECHNICAL STRENGTHS

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### **Software & Tools**

Python, R, Stata, SPSS L<sup>A</sup>T<sub>E</sub>X, Markdown