

# 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
- Committee: Sam Clark, Rachel Dwyer, David Melamed, Zehang Li
- 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. 2012 - Aug. 2013*

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. 2006 - Feb. 2012*

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

## PUBLICATIONS

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### *Peer-Reviewed Journal Articles*

Daniel Chandramohan, ... , **Eungang Choi**, ... , Don de Savigny (2021) “Estimating causes of death where there is no medical certification: Evolution and state of the art of verbal autopsy” *Global Health Action* (Accepted)

Tim Riffe, Enrique Acosta, **Eungang Choi**, the COVERAGE-DB team (2021) “Data Resource Profile: COVERAGE-DB: a global demographic database of COVID-19 cases and deaths” *International Journal of Epidemiology*, Volume 50, Issue 2, April 2021, Pages 390 - 390f, DOI: <https://doi.org/10.1093/ije/dyab027>

### *Under Review*

**Eungang Choi**, Erick Axxe, and Melina Raglin (2021) “Advances in Computer Vision and Its Applications in Social Science: Deriving Race and Gender from Photos

Zehang Richard Li, Jason Thomas, **Eungang Choi**, Tyler H McCormick, Samuel J Clark (2021) “The openVA Toolkit for Verbal Autopsies”

### *In Progress*

**Eungang Choi** and Erick Axxe <sup>1</sup> “Race and Gender Disparities in Academic Pay.

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<sup>1</sup>Equal Authorship

**Eungang Choi** and Erick Axxe <sup>2</sup> “Behind the Cyber Curtain: Discrimination within Airbnb’s Open-Rating System”

**Eungang Choi** “Recent Trends in Fertility: Ambiguity in Rise or Decline”

**Eungang Choi** “Access to Transportation: Bus Network and Spatial Inequality in Columbus”

## SOFTWARE

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Melina Raglin, **Eungang Choi**, and Erick Axxe. **DCiFR**(Demographic Characteristics in Facial Recognition computer)

**Peter Byass** [aut], **Eungang Choi** [aut], **Sam Clark** [aut], **Zehang Li** [aut], **Nicolas Maire** [aut], **Tyler McCormick** [aut], **Jason Thomas CrossVA** (R)

**Eungang Choi**, **Jason Thomas**, **Sam Clark** **PyCrossVA** (Python)

## TEACHING

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<b>Introduction to Sociology</b> <i>SOC 1101 - Guest Lecture</i>	July 2021 <i>The Ohio State University</i>
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<b>Access to Transportation</b> <i>SOC 2367 - Guest Lecture</i>	Oct. 2020 & Mar. 2021 <i>The Ohio State University</i>
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<b>Analysis and Display of Data</b> <i>ECON 3400 - Guest Lecture</i>	Nov. 2019 <i>The Ohio State University</i>
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<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>
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<b>Introduction to Sociology</b> <i>SOC 1101 - Guest Lecture</i>	Nov. 2018 <i>The Ohio State University</i>
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## PRESENTATION

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<b>Computer Vision and Applications in Social Science: Deriving Race and Gender From Photos</b> <i>APopulation Association of America Annual Meeting</i>	Apr. 2022 <i>Atlanta, GA</i>
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<b>Race and Gender Disparities in Academic Pay</b> <i>Academic Analytics Research Center</i>	Sep. 2021 <i>Virtual Webinar</i>
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<b>Race and Gender Disparities in Academic Pay</b> <i>Population Association of America Annual Meeting - <b>Awarded Best Poster</b></i>	May. 2021 <i>Virtual Conference</i>
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<b>Race and Gender Disparities in Academic Pay</b> <i>14th Annual OSU/BGSU Graduate Student Conference</i>	Oct. 2020 <i>Virtual Conference</i>
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<b>Discrimination Behind the Cyber Curtain: Comparing Airbnb’s User-Based Ratings and Text Reviews</b> <i>American Sociological Association Annual Meeting</i>	Aug. 2020 <i>Virtual Conference</i>
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<b>A Flaw of the Open-Rating System: Discrimination within AirBnb’s User-Based Ratings</b> <i>Population Association of America Annual Meeting</i>	Apr. 2020 <i>Washington DC</i>
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*\*Canceled due to COVID-19*

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<sup>2</sup>Equal Authorship

<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>American Sociological Association Annual Meeting</i>	Aug. 2019 <i>New York, NY</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>Data Carpentries Instructor Training</b>	Mar, 2021
· Data Carpentries (Virtual)	
<b>Text Analysis Group (Co-organizer)</b>	June - Aug, 2020
· The Ohio State University (Virtual)	
<b>Summer Institute in Computational Social Science (SICSS)</b>	June, 2019
· Northwestern University	
<b>DHIS2 Configuration</b>	March, 2019
· Basel, Switzerland (Swiss TPH)	
<b>IUSSP/MPIDR Workshop on Monitoring Mortality in the Era of the SDGs</b>	June, 2018
· Rostock, Germany	
<b>Annual Workshop on Formal Demography</b>	June, 2018
· UC Berkeley	
<b>Demographic Research in the Digital Age</b>	April, 2018
· Denver, CO (PAA 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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<b>2019 Summer Institute in Computational Social Science - Chicago Grant (\$700)</b> <i>SICCS-Chicago</i>	2019
<b>2019 Summer Methods Training Award (\$1,200)</b> <i>Department of Sociology, OSU</i>	2019

<b>2018 Summer Methods Training Award(\$1,183)</b> <i>Department of Sociology, OSU</i>	2018
<b>University Fellowship</b> <i>The Ohio State University</i>	2017 - 2018
<b>Dean's List with Distinction</b> <i>KDI School of Public Policy and Management</i>	2012 - 2013
<b>CA (Class Assistant) Scholarship</b> <i>KDI School of Public Policy and Management</i>	2012 - 2013

## COUNTRY SUPPORT

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<b>Vital Strategies</b> <i>Consultant</i>	Nov. 2019 <i>Dhaka, Bangladesh</i>
· VA Data Quality and Scale-up Workshop	
<b>Vital Strategies</b> <i>Consultant</i>	Mar. 2019 <i>Honiara, Solomon Islands</i>
· openVA Pipeline Development and Implementation	
<b>Vital Strategies</b> <i>Consultant</i>	Dec. 2018 <i>Delhi, India</i>
· Training on VA Algorithms and Software/Comparing Methods for Assigning CoD Assignment	
<b>Vital Strategies</b> <i>Consultant</i>	Nov. 2018 <i>Dhaka, Bangladesh</i>
· A data quality check customization/CoD assignments through OpenVA Pipeline	

## WORK EXPERIENCE

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<b>Nationwide Mutual Insurance Company</b> <i>Data Science Intern/GRA - Enterprise Analytics Office</i>	May. 2021 - Present <i>Columbus, OH</i>
<b>Korea Standards Association</b> <i>Consultant</i>	Sep. 2016 - Aug. 2017 <i>Seoul, S.Korea</i>
· Management Innovation Center, Organization Competency Innovation Center	
<b>KPMG</b> <i>Consultant</i>	Nov. 2015 - Jun. 2016 <i>Seoul, S.Korea</i>
· Business Consulting Service	
<b>KMAC</b> <i>Senior Consultant</i>	Mar. 2013 - Jun. 2015 <i>Seoul, S.Korea</i>
· Management of Technology	
· Global Business/Management Strategy Division	

## TECHNICAL STRENGTHS

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**Software & Tools**      Python, R, STATA, SPSS, SQL, L<sup>A</sup>T<sub>E</sub>X, Markdown

*Last Updated Jun. 27, 2022*