

Yoonyoung Choi

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EDUCATION

University of California, Irvine, *Irvine, CA, United States* Sep 2017 - Jun 2018
M.A., Demographic and Social Analysis, School of Social Science (with Best Paper Award)
Thesis : "A decomposition of declining Crude Birth Rate in South Korea, 1990-2015"

Ewha Womans University, *Seoul, South Korea* Mar 2013 - Feb 2017
B.A., Sociology, School of Social Science & B.S., Statistics, School of Natural Sciences
Thesis : "Applied advanced data mining method "Random Forest" to determine the factors of marriage decision by using panel data"

RESEARCH INTERESTS

Demography, Determinants of fertility and mortality, Family, Aging and Life-course, Quantitative Methodology, Demographic Methodology, Social Network Analysis, Population Policy, Health Inequality, Computational Social Science

CONFERENCE PRESENTATIONS

The Effect of Resettling Stress of Young North Korean Defectors in South Korea on Their Career Plan
Korean Sociological Association Annual Meeting 2016, Seoul, Korea

Investigating Movement and Lifestyle of Korean Immigrants by Using 2011 USA Census Data
BOAZ Big Data Annual Conference 2015, Seoul, Korea

RESEARCH EXPERIENCES

A Decomposition of Declining Crude Birth Rate in South Korea, 1990-2015 Aug 2018 -
• Publication (Work in Progress)

PROJECT: "Comparative Study of Medical Culture in Korea & United Arab Emirates"
Research Assistant Sep 2016 -
• Project leader: Prof. Jung-Sun Kim, Ewha Womans University Department of Sociology
• Medical sociological research project for UAE hospital establishment
• Designed & conducted survey for hospital officials and users

BOAZ (The first intercollegiate & interdisciplinary student Data Science club in Korea)
Research Team Leader Jul 2014 - Sep 2016
• Conducted machine learning & data visualization researches; Hosted BOAZ Big Data Conference
• Received official & unofficial supports from diverse government agencies and companies

PROJECT: "Comparative Study on the Cultural Context of 'Security' between Korea and Germany"
Head Researcher Jul - Sep 2015
München, Germany (Funded by Ewha Womans Univ)
• Received scholarship of \$4000 for international research project from Department of Sociology in Ewha Womans Univ
• Investigated agency surveys and interviews for two weeks in Germany

PROJECT: "Marketing Campaign Based on Data Analysis for the Baby Boomers"

Data Analyst

Feb - May 2014

KB Kookmin Card Co., Ltd., Seoul, South Korea

- Proposed a marketing campaign with a mobile application targeting the Baby Boomers
- Led the whole project and conducted a data analysis to figure out the customer needs

OTHER RELEVANT EXPERIENCES

SNRG (The UCI Social Network Research Group)

Center for Networks & Relational Analysis, University of California, Irvine, United States

Jan - May 2018

- Joined weekly SNRG meeting to discuss network-related topics and current research projects
- Exchanged information regarding new techniques, tools, data sources, and research findings

Certificate of Public Speaking

The Graduate of Division, University of California, Irvine, United States

May 2018

- Trained to utilize dynamic and compelling presentations techniques such as how to overcome self-consciousness, turn passive into active, and use vocal variety over 8 weeks

Co-founder of Sociology Academic Club of Intercollegiate Students

Seoul, South Korea

May 2015 - Sep 2016

- First president of the first sociology academic club of intercollegiate students in Seoul
- Conducted social research & discussed classical and contemporary sociology

Student Research Internship

Research Institution of Ewha Social Science Research Lab, Seoul, South Korea

Sep 2014 - Nov 2015

- Organized recurring social science symposiums where professors, students, and professionals came together to discuss topics in the social sciences and managed the administrative work

President of Student Council

Department of Sociology, Ewha Womans Univ, Seoul, South Korea

Mar - Dec 2015

- Recruited record number of undergraduate students to department of sociology
- Held major events such as 'Sociology Night' to bring together alumni, professors and students

HONORS AND AWARDS

Best Paper Award (\$200), DASA Program, UC Irvine

Jun 2018

- Awarded for the one best final thesis writing and presentation among cohort in the MA program

The Next Century Humanities Scholarship (\$25,000), Korea Student Aid Foundation

Mar 2015 - Dec 2016

- Designed to support high school seniors and undergraduates in humanities and social sciences who have demonstrated their potential to be leaders in those fields

Scholarship for student research project (\$1,000), Ewha Womans Univ

Mar 2016

Best Scripts Award, Kaggle Data Analysis Competition

Dec 2015

- Kaggle is a platform where predictive modelling analysts from all over the world competed to produce the best models

Dean's list for academic achievement (\$1,000), Ewha Womans Univ

Mar - Dec 2014

Dean's scholarship for leadership achievement (\$2,000), Ewha Womans Univ

Sep 2014

Scholarship for Residential College Assistant (\$4,000), Ewha Womans Univ

Sep 2014

SKILLS

Languages: Korean (Native), English (Fluent), Chinese (Conversational), Spanish (Conversational)

Programming - Advanced in R, SAS, Stata, Excel VBA, SPSS, Minitab, Python, ArcGIS

- Intermediate in Netlogo-ABM, tableau, Pajek, Gephi, C

MEMBERSHIP

Population Association of America