

# Seungbeom Kang

## EDUCATION

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- Ph.D.** College of Engineering, The Ohio State University, Columbus, OH, USA Aug. 2013 -  
*Ph.D. in City and Regional Planning*  
- Area of specialty: Housing and Community Planning, Affordable Housing, Residential Mobility
- MS** College of Engineering, Yonsei University, Seoul, Rep. of Korea Feb. 2013  
*M.S. in Urban Planning and Engineering*  
- Area of specialty: Urban and Regional Economics, Housing Planning  
- Thesis: *"Interactions between Changes in Housing Stock and Population Changes"*
- BS** College of Engineering, Yonsei University, Seoul, Rep. of Korea Feb. 2011  
*B.S. in Urban Planning and Engineering*  
Graduated Magna cum Laude  
- Graduation Project: *"A Study on Innovation Capacity in Ulsan"*

## PUBLICATIONS

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- Kang, S.,** Kim, S., and Kim, K., "Examining the Spatial Patterns and Dynamics of Age-specific Migration in South Korea," *European Journal of Scientific Research*, 2013, 103(4): 548-558. (in English)
- Kang, S.,** and Kim, K., "Socioeconomic Adaptation Process of Korean Immigrants in United States," *Journal of the Korean Regional Science Association*, 2012, 28(1):19-38. (in Korean)

## WORKING PAPERS

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- Kang, S.,** and Kim, K., "Interactions between Change in Housing Stock and Population Change" (work in progress)
- Park, D., **Kang, S.,** and Kim, K., "A Study on Effects of Aircraft Noise and Airport Accessibility on Housing Prices" (work in progress)
- Kang, S.,** Kleit, R. G., and Scally, C. P., "Why do housing mobility programs fail to improve neighborhood quality? The interaction between housing instability and residential mobility" (work in progress)

## CONFERENCE PRESENTATIONS

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- Kang, S.,** Kleit, R. G., and Scally, C. P., "Why do housing mobility programs fail to improve neighborhood quality? The interaction between housing instability and residential mobility," 2014 UAA Conference in San Antonio, TX, USA, Mar. 19-22, 2014. (in English)
- Park, G., Kim, K., and **Kang, S.,** "An Analysis of Distribution of Expenses for Building Infrastructure by Actors in Urban Renewal Project," 2013 AsRES International Conference in Kyoto, Kyoto, Japan, Jun. 28-Jul. 1, 2013. (in English)
- Kang, S.,** and Kim, K., "Interactions between Change in Housing Stock and Population Change," Korea Planners Association Annual Spring Meeting, Seoul, Republic of Korea, Apr. 27, 2013. (in Korean)
- Park, G., Kim, K., Cho, Y., and **Kang, S.,** "An Analysis of Rent Determining Factors on Knowledge Industry Centers – The Case of Seoul Digital Valley -," International Conference on Literature, Agriculture & Environment Sciences 2012, Manila, Philippines, Nov. 17-18, 2012. (in English)
- Kang, S.,** Kim, S., and Kim, K., "A Study on the Spatial Patterns and Dynamics of Age-specific Migration in South Korea: an Exploratory Spatial Data Analysis," International Symposium on City Planning 2012, Taipei, Taiwan, Aug. 23-25, 2012. (in English)

Park, D., **Kang, S.**, and Kim, K., “A Study on Effects of Aircraft Noise and Airport Accessibility on Housing Prices,” International Symposium on City Planning 2012, Taipei, Taiwan, Aug. 23-25, 2012. (in English)

**Kang, S.**, Kim, S., and Kim, K., “The Analysis of the Spatial Pattern of Age-specific Migration,” Korea Planners Association Annual Spring Meeting, Yongin, Republic of Korea, Apr. 28, 2012. (in Korean)

**Kang, S.**, and Kim, K., “A Study on Industrial Tourism Development in the Capital Region using Overlay Analysis Method,” Korea Planners Association Annual Fall Meeting, Sungnam, Republic of Korea, Oct. 29, 2011. (in Korean)

## RESEARCH EXPERIENCE

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### ***“2020 Goyang City Comprehensive Development Plan (2020 Goyang Vision)”***

Goyang City Government, Gyeonggi-do, Rep. of Korea

**Assistant Researcher**

Sep. 2011 - Aug. 2012

- Deeply involved in suggesting transportation plan and analyzing feasibility of each transportation projects.

### ***“A Study on Analyzing Economic Effects of Posco Engineering Relocation into Song-do City”***

The Korean Association of Urban Policies, Gyeonggi-do, Rep. of Korea

**Assistant Researcher**

Jan. 2012 - May. 2012

- Analyzing economic effects incorporating IO model with RAS model

### ***“Economic Effects of Integrated Resort in Singapore”***

Korea Tourism Organization Advisory Board, Seoul, Rep. of Korea

**Assistant Researcher**

Sep. 2011 - Jan. 2012

- Organizing related documents and analyzing economic effects incorporating IO model and qualitative analysis

### ***“A Study on Response Strategy for Future Regional Development Paradigm and Policy”***

Ministry of Strategy and Finance, Seoul, Rep. of Korea

**Assistant Researcher**

Sep. 2011 - Dec. 2011

- Searching documents related global megatrends and specifying future regional development paradigm with case studies and evaluation reports about the current Korean development projects

### ***“Feasibility Study for Guinea Green Energy Project”***

GMESI Inc., Seoul, Rep. of Korea

**Assistant Researcher**

Jul. 2011 - Dec. 2011

- Searching documents related to African development projects and specifying the impact of green energy project with quantitative and qualitative perspectives

### ***“A Study on Direction for Suitable Urban Development by Analyzing Quality of Life”***

Seoul Metropolitan Government, Seoul, Rep. of Korea

**Assistant Researcher**

Jan. 2011 - May. 2011

- As one of the global comparison team, searching the statistical indexes from six global cities and comparing them with Seoul through the framework of quality of life

### ***“Development Feasibility Study on the National Industrial Complex”***

The Korea Land & Housing Corporation, Gyeonggi-do, Rep. of Korea

**Assistant Researcher**

Jan. 2011 - Feb. 2011

- Supporting a final presentation and organizing a final report

## PROFESSIONAL EXPERIENCE

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**Kirwan Institute for the Study of Race and Ethnicity**, Columbus, OH, US

**Internship**

May. 2014 – (Jul. 2014)

**Yonsei University**, Seoul, Rep. of Korea

Department of Urban Planning and Engineering

**Research Assistant with Dr. Wolfram**

Apr. 2013 – Aug. 2013

- Assisting in doing the research for “Sustainability Transition in Urban Space” with Dr. Wolfram
- Reviewing and mapping the related papers through the proper categorization to discover unstudied areas in urban transition field

**FIDES DEVELOPMENT Co. Ltd**, Seoul, Rep. of Korea

R&D Center

**Internship**

Jan. 2010 - Mar. 2010

- Investigating housing market trends, estimating optimal price for apartment sales using spatial interpolation methods.
- After the Internship, worked as a freelance researcher to support posting BLOG mainly discussing housing trends in Korea

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**TEACHING EXPERIENCE**

**The Ohio State University**, Columbus, OH, US

Department of City and Regional Planning

**Teaching Assistant**

Jan. 2014 – May. 2014

- Teaching assistant for undergraduate classes of “The Socially Just City” and “The Global Environment in Planning”

**Yonsei University**, Seoul, Rep. of Korea

Department of Urban Planning and Engineering

**Teaching Assistant**

Mar. 2009 – Dec. 2009, Mar. 2010 – Aug. 2010

- Teaching assistant for graduate classes of “Spatial Analysis and Location Theory” and “Urban Spatial Structure”
- Teaching graduate classes of “Seminar on Housing and Land Policy” and “Digital City and GIS”

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**AWARDS**

**Prize for Excellent Article**

2013

Korea Planners Association (KPA) Annual Spring Meeting

- Awarded Article: “Interactions between Changes in Housing Stock and Population Change”

**The 1<sup>st</sup> Prize Winner**

2010

- University Students Academic Paper Competition, Korea Research Institute for Human Settlements, Anyang, Rep. of Korea
- Awarded Article: “Forecasting Future of Ethnic Enclaves in Seoul Metropolitan Area”

**Graduate with High Praise (Magna cum Laude)**

2011

Department of Urban Planning and Engineering,

College of Engineering Yonsei University, Seoul, Rep. of Korea

**High Honors**

Spring 2009, Fall 2009, Spring 2010

Department of Urban Planning and Engineering,

College of Engineering Yonsei University, Seoul, Rep. of Korea

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**SCHOLARSHIPS**

**Research Assistantship Scholarship**, Graduate School, Yonsei University

- Granted approximately \$25,000 (Spring 2011, Fall 2011, Spring 2012, and Fall 2012)

**Internal Scholarship**, Graduate School, Yonsei University

- Granted approximately \$2,000(Spring 2012, and Fall 2012)

**National Scholarship of Science and Engineering**, Korea Student Aid Foundation

- Full tuition grant for academic excellent, approximately \$30,000 (Spring 2004, Fall 2005, Fall 2008, Spring 2009, Fall 2009, Spring 2010, and Fall 2010)

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**RESEARCH SKILLS**

**Research Methods**

- **Survey Research:** Have experiences in designing questionnaires and supervising a survey research which were based on computer-assisted self-interviews for expert groups.
- **Data Handling:** Including IPUMS, conducted researches dealing with a series of data from Korea and U.S. government at the various units of analysis (Individuals/Aggregated level), and types of data (Cross-sectional/Time-series/Panel data).

**Computer Programs**

- **Statistic Packages:** Extensive experience in general statistic packages (STATA, SPSS) with teaching experiences as a teaching assistant. Also expertise in Multilevel modeling tools (HLM), and a light user of MATLAB.
- **Geographical Analysis Tools:** Handle ArcGIS and spatial econometrics tools (Geoda) with guiding experiences at the unofficial seminar for post graduate students.
- **General Tools:** Advanced user of MS office products (Word, Excel, PowerPoint) and EndNote, Intermediate user of Adobe products (Acrobat, Photoshop).

## **CERTIFICATION**

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### **Licensed Real Estate Agent, Republic of Korea**

Dec. 15, 2008

- A person who acts as an official intermediary between sellers and buyers of real estate/real property and attempts to find sellers who wish to sell and buyers who wish to buy in South Korea.

## **OTHER ACTIVITIES**

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### **Military Service at the Republic of Korea Air Force**

Apr. 2006 - Jun. 2008

- Honorably discharged as Petty Officer (Administrative Clerk) from the 20th Fighter Wing

## **REFERENCES**

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**Professor Rachel Garshick Kleit** (Ph.D. Advisor)  
Department of City and Regional Planning  
The Ohio State University  
Email: kleit.1@osu.edu

**Professor Kabsung Kim** (M.S. Supervisor)  
Department of Urban Planning and Engineering  
Yonsei University  
Email: kabsung@yonsei.ac.kr