









## **MULTI-CLUSTERING APPROACH TO COMMUNITY & NEIGHBORHOOD DEVELOPMENT & DESIGN**

Developing active community plans that reflect mixed-income and affordable housing, density and demographic trends, gentrification and displacement, and modernizing infrastructures for the betterment of public outreach

## **GEO DESIGN & SPATIAL URBAN INFORMATICS**

Integrating spatial analysis with various statistical analysis techniques to investigate the impact of urban issues which is including social, environmental, geographical, and hazard and climate change  
Exploring the Geo-spatial unit-based urban informatics through GIS and represent using graphic tools

## **RESEARCHING EXPERIENCE**

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**Street Revitalization based on Tactical Urbanism** [Spring 2017 Summer 2017]

Funded by Construction and Transportation Committee, South Korea

**ABOUT LOCAL GOVERNMENT TEENAGERS HURTFULNESS ENVIRONMENT ESTIMATION** [Fall 2003]

Worked on analyzing data and validating the proposed decision support framework

Co-authored the final project report

Coordinator: Dr. Joongseok Joseph Ryu

Funded by Commission on Youth Protection, South Korea

**COMPREHENSIVE DEVELOPMENT OF EUN PEONG-GU, SEOUL** [Fall 2003]

Established and designed comprehensive community development plan

Co-authored the final project report

Coordinator: Dr. Joongseok Joseph Ryu

Funded by Economic Justice- Urban College, South Korea

**A STUDY ON ESTABLISHING A PLAN AIMED AT DESIGNATING THE DONGJAK DISTRICT**

## **GIS IN URBAN AND SOCIAL SCIENCE & GEODESIGN**

Fundamental concepts and knowledge of GIS  
Spatial analysis of real-world urban issue

## **PLANNING HISTORY, THEORY, & URBAN STRUCTURE**

The history and theory of urban and regional planning and urban structure, from various perspectives  
The city evolution over time throughout nationwide and international case studies

## **PROJECT APPLICATION METHODS AND CREATE STRATEGIES**

Defining characteristics of each project application system, what/when/how to apply; create strategies; case studies

## **TEACHING EXPERIENCE**

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### **ASSISTANT PROFESSOR (BRIDGEWATER STATE UNIVERSITY)**

**GEOG 211: Cartography**  
Fall 2018 / Undergraduate Course

**GEOG 213: Introduction to Geographic Information System & Lab**  
Fall 2018 / Undergraduate Course

### **LECTURER (TEXAS A&M UNIVERSITY)**

**URPN 202: Building Better Cities**  
Spring 2018, Fall 2017 / Undergraduate Course

**URPN 325: Intro Geographic Information System for Urban Planning & Lab**  
Spring 2018, Fall 2017, Spring 2017 / Undergraduate Course

**PLAN 629: Neighborhood Revitalization**  
Spring 2017 / Graduate Course

**PLAN 625: Intro Geographic Information Systems in Landscape Architecture and Urban Planning & Lab**  
Fall 2017, Spring 2017, Fall 2016, Fall 2015 / Graduate Course

**PLAN 626: Advanced Geographic Information Systems in Landscape Architecture and Urban Planning & Lab**  
Spring 2018, Spring 2017 / Graduate Course

**Urban Planning & Lab** Instructor: Dr. Douglas Wunneburger  
Spring 2016 / Graduate Course

**TEACHING ASSISTANT (CHUNG-ANG UNIVERSITY)**

**Neighborhood Design** - Instructor: Dr. Joongseok Joseph Ryu  
Spring 2005, Spring 2004

**Urban Design Studio** - Instructor: Dr. Woong-Kyu Bae  
Spring 2004, Fall 2004

**INVITED LECTURES**

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**TEXAS A&M UNIVERSITY**

URPN 483: **Undergraduate Urban Planning Studio** [Apr. 2018]  
Instructor: Jessica Jieun Lee  
*Panel of Final Project Presentation Critics*

LAND 602 / URPN 493: **Design Theory Application II/Capstone** [Mar. 2018]  
Instructor: Galen Newman  
*Panel of Midterm Presentation Critics*

PLAN 610: **Structure and Function of Urban Settlements** [Feb.2018]  
Instructor: Wei Li  
Lecture Title: *Forms of Sprawl and Segregation*

URSC 682: **Seminar for Ph.D. Students** [March.2017]  
Instructor: Kenneth R. Hurst  
Lecture Title: *A Survival Guide to a Ph.D.*

PLAN 610: **Structure and Function of Urban Settlements** [Sep.2016]  
Instructor: Han J. Park  
Lecture Title: *Forms of Sprawl and Segregation*

PLAN 664: **Planning History and Theory** [Dec. 2015]  
Instructor: Dr. Shannon S. Van Zandt  
Lecture Title: *Planning and Racial Conflict*

PLAN 664: **Planning History and Theory** [Nov. 2015]  
Instructor: Dr. Shannon S. Van Zandt  
Lecture Title: *The Role of the Citizen and Stakeholder*

URPN 202: **Building Better Cities** [Apr. 2015]  
Instructor: Dr. Jihye Lee  
Lecture Title: *Shrinking City of Legacy Cities Dayton, OH.*





**VOLUNTEER STAFF**

The Latino Dialogue in Texas, Texas A&M University  
Spring 2008

**HOUSEMISTRESS**

Female Student Dormitory, Chung-Ang University  
Spring 2003 Fall 2004

**FEMALE STUDENT PRESIDENT**

A Female Student President of College of Engineering, Department of Urban Engineering,  
Chung-Ang University  
Spring 2000 Fall 2001

**STUDENT PRESIDENT**

A Fresh-year Student President of College of Engineering,  
Chung-Ang University  
Spring 1999 Fall 2000

**PROFESSIONAL STRENGTH**

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**DESIGN & ARCHITECTURAL TECHNOLOGY**

AutoCAD, Adobe Photoshop, Adobe Illustrator, Sketch Up