

BoAh Kim, Ph.D.

Assistant Professor

Department of Geography
Bartlett College of Science and Mathematics
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EDUCATION

TEXAS A&M UNIVERSITY

Department of Landscape Architecture and Urban Planning, College of Architecture, College Station, TX

Doctor of Philosophy (PhD), Urban & Regional Science [August. 2016]

Dissertation Title: *The Conversion of Urban Vacant Land: the Case of Fort Worth, Texas*

Chair: Dr. Shannon Van Zandt & Dr. Galen Newman

Master of Urban Planning (MUP) [December. 2009]

Thesis: *An Empirical Test of the Relationship between Sustainability and Urban Form – Based on Indicator Comparisons Using SustainLane Sustainable City Ranking*

Chair: Dr. Michael Neuman

Sustainable Urbanism Certificate [December. 2009]

CHUNG-ANG UNIVERSITY

Department of Urban Engineering, College of Construction Engineering, South Korea, Seoul

Master of Engineering (MEng), Urban Engineering (Urban Design Major) [February. 2006]

Thesis: *A Study on the Change of Neighborhood Unit and the Residents' Recognition of Neighborhood in Korean New Town - with Special Reference to Bundang New Town*

Chair: Dr. Joongseok Joseph Ryu

Bachelor of Engineering (BEng), Urban Engineering [February. 2003]

Graduation Paper: *A Study on the Development of Extend Kyungbu High-speed Railway (KTX)'s territory - Cheonan Station*

PUBLICATIONS

PEER-REVIEWED JOURNAL PUBLICATIONS

Newman, G., Hollander, J., Lee, J., Gu, D., **Kim, B.**, & Lee, R.J. (under review, submitted Mar. 21, 2018) "Smarter Shrinkage: A Neighborhood-scaled Right Sizing Strategy based on Land Use Dynamics." *Journal of Geovisualization and Spatial Studies*.

Newman, G., Meyer, M., **Kim, B.**, & Lee, R. (2018) "Gauging the Relationship between Contextual Growth and Structural Neglect." *International Journal of Contemporary Urban Affairs*, 2:2, 33-45
DOI: 10.25034/ijcua.2018.3669
URL: <http://ijcua.com/index.php/ijcua/article/view/52/153>

Newman, G & **Kim, B.** (2017). "Urban Shrapnel: Spatial Distribution of Non-Productive Space in a Growing City." *Landscape Research*, 42:7, 699-715

DOI: 10.1080/01426397.2017.1363877

URL: <http://www.tandfonline.com/doi/full/10.1080/01426397.2017.1363877>

Newman, G., Bowman, A., Lee, R.J., & **Kim, B.** (2016). "A Current Inventory of Vacant Urban Land in America." *Journal of Urban Design*, 21:3, 302-319.

DOI: 10.1080/13574809.2016.1167589

URL: <http://www.tandfonline.com/doi/full/10.1080/13574809.2016.1167589>

Kim, B., Ryu, J., & Bae, W. (2005). 'A Study of Changes in the Size of Neighborhood Unit in Korean New Town: With Special Reference to Bun- Dang New Town.' Urban Design Institute of Korea, pp.199-209

PEER-REVIEWED CONFERENCE PROCEEDINGS

Newman, G. & **Kim, B.** (2014). 'GIS-Based Framework for Assessing Neglect in the Historic Built Environment.' *The Sustainable City IX: Urban Regeneration and Sustainability*, Vol. 1 & 2. Section 16-Urban Conservation and Regeneration. Sienna, Italy: Wessex Institute of Technology Press, pp.1127-1138.
ISSN: 1743-3541.

Newman, G. & **Kim, B.** (2014). 'Linking Growth Management to Urban Conservation: GeoDesign as a Tool for Identifying Regeneration Sites.' Peer Reviewed Proceedings of Digital Landscape Architecture 2014 at ETH Zurich. Section 2-Geodesign Methods and Tools. Wissen Hayek/Fricke/Buhmann (Ed.). Berlin, German: Wichmann Press, pp.128-137.
ISBN: 978-3-87907-530-0

PEER-REVIEWED PUBLISHED CONFERENCE ABSTRACTS: ORAL PRESENTATIONS

Kim, B., Van Zandt, S. & Newman, G. (Apr. 2017). *Inner Urban Vacancies in Expanding Cities: Focus on Residential Land Uses*. Oral Presentation: 47th Annual Urban Affairs Association Conference (UAA) – Minneapolis, MN.

Kim, B. & Newman, G. (Nov. 2016). *The Impact of Revitalization Plans and Policies on Vacant Land Uses*. Oral Presentation: Association of Collegiate Schools of Planning (ACSP) 56th Annual Conference: Planning: practice, pedagogy, and place – Portland, OR.

Newman G., Bowman, A, Lee, R, & **Kim, B.** (Nov. 2016). *Vacant Land and Structural Abandonment in Large American Cities*. Oral Presentation: Association of Collegiate Schools of Planning (ACSP) 56th Annual Conference: Planning: practice, pedagogy, and place – Portland, OR.

Kim, B. & Newman, G. (Oct. 2015). *Factors Influencing Urban Regeneration: An Analysis of Conversion of Non-Vacant Land Uses to Vacant*. Oral Presentation: Association of Collegiate Schools of Planning (ACSP) 55th Annual Conference: Justice and The City: (re)Examining the Past to Create the Future – Houston, TX.

Kim, B. & Newman, G. (Apr. 2015). *The Spatial Distribution of Vacant Land in Growing Cities*. Oral Presentation: 45th Annual Urban Affairs Association Conference (UAA) – Miami, FL.

Newman, G. & **Kim, B.** (May. 2014). *Linking Growth Management to Urban Conservation: GeoDesign as a Tool for Identifying Regeneration Sites*. Oral Presentation: The 15th International Conference on Information Technology in Landscape Architecture - Landscape Architecture and Planning: Developing Digital Methods in GeoDesign, Zurich, Switzerland.

Kim, B. & Newman, G. (Mar. 2014). *Analysis of the Factors Effecting Successful Regeneration of Vacant Land*. Oral Presentation: 44th Annual Urban Affairs Association Conference (UAA) – San Antonio, TX

Kim, B. & Newman, G. (Jan. 2013). *Analyzing Urban Growth Patterns in Dallas/Ft. Worth MPA*. Lightning Talk: ESRI Geodesign Summit – Redlands, CA.

Kim, B. & Neuman, M. (Oct. 2011). *An Empirical Test of the Relationship between Sustainability and Urban Form: Based on Indicator Comparisons Using Sustainable City Rankings*. Oral Presentation: Association of Collegiate Schools of Planning (ACSP) 52nd Annual Conference: Envision - Salt Lake City, UT

PEER-REVIEWED PUBLISHED CONFERENCE ABSTRACTS: POSTER PRESENTATION

Kim, B. & Newman, G. (Oct. 2014). *The Spatial Effects of Civic Expansion on Vacant Land Distribution in Fort Worth, Texas*. Poster Session: Association of Collegiate Schools of Planning (ACSP) 54th Annual Conference: Big Ideas, Global Impacts – Philadelphia, PA.

Kim, B. (Apr. 2013). *Analysis of DFW Metropolitan Planning Area Urban Growth Pattern: Focus on Single-Family Residential Development*, Poster Session: 43rd Annual Urban Affairs Association Conference (UAA) – San Francisco, CA.

Kim, B. & Neuman, M. (Apr. 2012). *Sustainable Urban Form ... Compact City or Sprawl*. Poster Session: 42nd Annual Urban Affairs Association Conference (UAA) – Pittsburgh, PA.

EXTRA POSTER PRESENTATION

Kim, B. (Oct. 2011). *Sustainable Urban Form. Compact City or Sprawl?*. Texas A&M College of Architecture Research Symposium: Natural, Built, Virtual. College Station, TX.

Kim, B. (Mar. 2008). *Portland, OR. vs. Columbus, OH*. Student Research Week at Texas A&M University. College Station. TX.

AWARDS & HONORS

SCHOLARSHIPS

Enhancement Scholarship
Department of Landscape Architecture and Urban Planning
College of Architecture, Texas A&M University (Spring 2016)

Community Resilience Scholarship
Center for Housing and Urban Development and Hazard Reduction & Recovery Center
Texas A&M University (Fall 2015 – Spring 2016; Fall 2014 – Spring 2015; Fall 2013 – Spring 2014)

Urban Regeneration and Design Research Scholarship
Department of Landscape Architecture and Urban Planning, Texas A&M University (Fall 2014 – Spring 2015)

Conference Travel Grant – Research Scholarship
Department of Landscape Architecture and Urban Planning, Texas A&M University (Fall 2015; Fall 2014; Spring 2013; Spring 2012; Fall 2011)

Congress for the New Urbanism 23 – Registration Scholarship
Congress for the New Urbanism (Apr. 2015)

The International Student Scholarship
Department of Landscape Architecture and Urban Planning, Texas A&M University (Fall 2007 – Spring 2009)

ACADEMIC APPOINTMENTS

BRIDGEWATER STATE UNIVERSITY

Assistant Professor (09/20198 – Current)
Department of Geography

Postdoctoral Research Associate (with a Full-time Instructor Role) (06/2017 – 06/2018)
Department of Landscape Architecture and Urban Planning

Lecturer (08/2016 – 05/2017)
Department of Landscape Architecture and Urban Planning

Instructor (09/2015 – 05/2016)
Department of Landscape Architecture and Urban Planning

Graduate Teaching Assistant (09/2015 – 05/2016)
Department of Landscape Architecture and Urban Planning

Graduate Research Assistant (Summer 2014)
Department of Landscape Architecture and Urban Planning

CHUNG-ANG UNIVERSITY

Graduate Teaching Assistant (09/2003 – 12/2005)
Department of Urban Engineering

Graduate Research Assistant (09/2003 – 12/2005)
Department of Urban Engineering

RESEARCH INTERESTS

INTEGRATED (INNER)URBAN REVITALIZATION & LAND USE

- Developing the integrated urban revitalization model with land use, socioeconomic, built environment, geographical factors change patterns to provide a better-informed future urban planning strategies
- Exploring benchmarking changing pattern of “growth and decline (or vice versa)” of urban areas

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

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

- Case Study for US Tactical Urbanism cases
- Review of existing cases' strategies and find applications and implications
- Write a part of the research paper
Coordinator: Architecture and Urban Research Institute (AURI), South Korea
URL:
http://www.auri.re.kr/auriTidings/researchReport_view.asp?idx=1644&page=1&bbs_code=4&key=0&word=&etc=&opendate=

DESIGN FOR DECLINE: FORECASTING AND REDESIGNING VACANT LAND IN SHRINKING CITIES: DAYTON, OH. [Summer 2014]

- Established and designed research framework, gathering analysis data
- Support and give research direction as a main researcher
Coordinators: Dr. Galen D. Newman, Dr. Justin B. Hollander

VACANT LAND IN AMERICA: A NATIONAL COMPARISON SURVEY TO 215 AMERICAN CITIES WITH POPULATION OVER 100,000 IS IN PROGRESS [Fall 2013 – Fall 2014]

- Worked on analyzing data and validating the proposed decision – Support framework
Coordinators: Dr. Galen D. Newman, Dr. Chanam Lee, and Dr. Shannon S. Van Zandt

INTERNATIONAL MASTER PLAN COMPETITION FOR THE FIRST TOWN OF THE MULTI-FUNCTIONAL ADMINISTRATIVE CITY [Fall 2004]

- Proposed project ideas and developed the proposal
- Worked on incorporating a parametric method into reinforcement design algorithms
Coordinator: Dr. Joongseok Joseph Ryu
Funded by Korea National Housing Corporation

A STUDY OF THE LONG TIME BEING UNCIVILIZED COUNTRY INDUSTRIAL COMPLEX AND SOLUTION WAY RESEARCH [Fall 2003]

- Proposed project ideas and developed the proposal
- Worked on analyzing data and validating the proposed decision – support framework
Coordinator: Dr. Joongseok Joseph Ryu

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 Citizen's Coalition for Economic Justice- Urban College, South Korea

A STUDY ON ESTABLISHING A PLAN AIMED AT DESIGNATING THE DONGJAK DISTRICT RESIDENTS-PARTICIPATING REDEVELOPMENT AREAS [Fall 2003]

- Established and designed comprehensive community development plan
- Set up the public meeting with residents and mediator of discussion
- Co-authored the final project report
Coordinator: Dr. Joongseok Joseph Ryu and Dr. Chan-Ho Kim
Funded by Dongjak District Office, Seoul, South Korea

LONG-TERM SYNTHESIS DEVELOPMENT PLANNING OF BUK-MYEN, ULJIN [Spring 2003 - Fall 2003]

- Proposed project ideas and developed the proposal
- Established and designed comprehensive community development plan
- Set up the public meeting with residents and mediator of discussion
- Co-authored the final project report
Coordinator: Dr. Joongseok Joseph Ryu and Dr. Chan-Ho Kim
Funded by Uljin County Office, South Korea

LONG-TERM SYNTHESIS DEVELOPMENT PLANNING OF JUKBYEN-MYEN, ULJIN [Fall 2003 - Spring 2004]

- Proposed project ideas and developed the proposal
- Established and designed comprehensive community development plan
- Set up the public meeting with residents and mediator of discussion
- Co-authored the final project report
Coordinator: Dr. Woongkyu Bae and Dr. Chan-Ho Kim
Funded by Uljin County Office, South Korea

TEACHING INTERESTS

SUSTAINABLE COMMUNITY (RE)DEVELOPMENT & NEIGHBORHOOD PLANNING

- Developing multi-contextual concepts of community development and neighborhood planning
- Understanding key components of community development and neighborhood planning
- Creating a better solution for the sustainable community development and neighborhood planning

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

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

INSTRUCTOR (TEXAS A&M UNIVERSITY)

- **PLAN 656: Housing and Community**
Spring 2017 (13) / Graduate Course

TEACHING ASSISTANT (TEXAS A&M UNIVERSITY)

- **PLAN 626: Advanced Geographic Information Systems in Landscape Architecture and**

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

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.*

PROFESSIONAL EXPERIENCE

ARCHITECTURE & URBAN RESEARCH INSTITUTE (AURI)

South Korea

Research Assistant Internship, Housing Research Team [Feb. 2010–July. 2010]

- Worked on research of Design Improvement for Urban Housing: Focusing on Methods for System Improvement to Secure Diversity in Design for Apartment House
- Worked on analysis of A Study on the Legal System Improvement of the Architectural Services Industry for Green Growth: Focusing on the Industrial Restructuring Towards the Knowledge Services Industry
- Worked on research of A Study on Methods for Infrastructure Design Improvement: Focusing on Directions for Transport Infrastructure Design

SERVICES & ACTIVITIES

GIS-DAY ORGANIZING COMMITTEE MEMBER (Dept. of LAUP Representative)

Co-Chair. Committee Member, “GIS Days,” Texas A&M University

URL: <https://gisday.tamu.edu/about/>

Fall 2017, Nov. 13-15; Fall 2016, Nov. 14-16

INTERVIEWER OF KOREA RESEARCH INSTITUTE FOR HUMAN SETTLEMENTS (KRIHS)

Contribute an article ‘Urban Regeneration: Solution for Ubiquitous Urban Phenomenon’ to a monthly magazine Guk-to

March 2017

URL: <http://library.krihs.re.kr/upload/publication/publication1/0000082121.pdf> (p.55-69)

CONFERENCE ORGANIZING COMMITTEE MEMBER

Steering Committee Member, Sustainable City Year Conference (6th), EPIC-N Annual Conference

URL: <http://www.epicn.org/annualconference/>

Spring 2017

CONFERENCE MODERATOR

Session 5-5 Factors Triggering Neighborhood Change and Gentrification. Association of Collegiate Schools of Planning (ACSP), 55th Annual Conference: Justice and The City: re)Examining the Past to Create the Future – Houston, TX.

Oct. 2015

CONFERENCE STAFF COORDINATOR

Chief of Committee Member, Asian Conference on Environment-Behavior Studies, 5th AcE-Bs. South Korea. Seoul.

Aug. 2015

VICE PRESIDENT & TREASURER

Urban and Regional Science Student Organization (URSSO), Texas A&M University

Fall 2012 – Spring 2013

Korean- Landscape Architecture and Urban Planning Student Organization (KLAUP), Texas A&M University

Fall 2011 – Spring 2012

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

DESIGN & ARCHITECTURAL TECHNOLOGY

AutoCAD, Adobe Photoshop, Adobe Illustrator, Sketch Up

ECONOMETRICS & STATISTICAL ANALYSIS

STATA, SPSS

SPATIAL ANALYSIS TOOL

Geography Information System (GIS), ArcGIS Pro, GeoPlanner, City Engine, Community VIZ,
GeoDeisgn Hub

OTHER COMPUTER TOOLS

Microsoft Word, Excel, PowerPoint