

CHANG-GYU KWAK

Department of Political Science
Sam Houston University
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EDUCATION

- Ph.D. Public Administration, 2016.
Askew School of Public Administration and Policy, Florida State University,
Tallahassee, FL
Dissertation Title: *Understanding Network Change and Its Impact on Policy
Performance: Policy Networks, EECBG Grants, Local Networks and “Green
Development,” in Florida*
Committee: Dr. Richard Feiock (Chair), Dr. Keon-Hyung Lee, and Dr. Kaifeng Yang
- MPA Public Administration, 2003.
Department of Public Administration, Korea University, Seoul, Korea
Thesis Title: *Relationship between decrease in corruption and the openness in the
process of civil affairs: A case study on the OPEN system in Seoul Metropolitan
Government*
- B.A. Public Administration, 2001.
Department of Public Administration, Korea University, Seoul, Korea

ACADEMIC APPOINTMENTS

- Post-Doc. Teaching Fellow Sep. 2016 – May. 2018
Department of Political Science, Sam Houston State University, Huntsville, TX
- Research Fellow Sep. 2016 – Aug. 2018
Center for the Study of Disasters & Emergency Management, Sam Houston State
University, Huntsville, TX
- Post-Doc. Research Associate May. 2016 – July. 2016
Askew School of Public Administration and Policy, Florida State University,
Tallahassee, FL
- Visiting Professor Sep. 2009 – Dec. 2009
Division of Public Administration, Chungju National University, Chungju, Korea

- “Costs and Outcomes of Interlocal Collaboration: Collaboration Effects on Local Green Job Creation in Florida Metropolitan Areas” (Under Review at *Public Administration Review*)
- “Selective vs. Collective Outcomes of Collaborative Governance:: The Impacts Federal Stimulus Program on Green Job Creation at Local and Regional Level” (Under Review at *Social Science Quarterly*)
- “Convergence and Divergence in Renewable Energy Frames across the US States: Semantic Network Analysis on US States’ Renewable Portfolio Standards (RPSs)” with Junseop Shim (In Progress for Submission to *Policy Studies Journal*)
- “Ways to Filter Out or Ways to Build Trust? Separable Temporal Exponential Random Graph Models (STERGM) on the Influences of Informal Networks on Formal Networks in Economic Development Policy” with Christopher Hawkins, Richard Feiock, and Qian Hu (In Progress for Submission to *Urban Affairs Review*)
- “The Strength of Strong Ties: Inter-city Government Information Sharing Across County Jurisdiction Border in Orlando Metropolitan Area” with Namhoon Ki, Minsun Song, and Richard Feiock (In Progress for Submission to *Public Administration Review*)
- “Performance Management and Value Commitment Through Hyper-Interactions: Dynamic Network Approach to Assessing Hyper-Networks for Organizational Values and Performanace” with Jongsoo Park (In Progress)
- “Boundaries of a Network or a Boundary of Networks? Dynamic Network Approach to Hyper, Latent, and Actual Networks” (In Progress)
- “Role of Political Recruitment in Converging and Diverging Partisanship in Bill Co-Sponsorship Networks: Separable Temporal Exponential Random Graph Models (STERGMs) on the Latent Networks Among the 18th Assembly Members in South Korea” with Donwe Choi (In Progress)
- “Policy Demands and Collaboration in Regional Disaster Management: A Case of the Gulf Coast Area” with Jason Enia (In Progress for Presentation at *2018 Southeastern Conference for Public Administration*)
- “Economic Development and Interlocal Collaboration in Rural Metropolitan Areas: Exponential Random Graph Model on Collaborative Mechanisms in West Texas” with Sung-Wook Kwon (In Progress for Presentation at *2018 Southeastern Conference for Public Administration*)

TEACHING INTERESTS

Public Administration Theory and Practice

Policy Analysis, Implementation and Program Evaluation
Urban and Local Government Administration
Environmental Policy and Management
Quantitative Research Methods
Social Network Analysis
Data Analytics and Visualization

TEACHING EXPERIENCE

Instructor

Economic Policy (POLS 3392-01)	Spring 2017
Online Course	
Department of Political Science, Sam Houston State University.	
Teaching Evaluation	4.7/5.0
American Government (POLS 2305-16)	Spring 2017
Online Course	
Department of Political Science, Sam Houston State University.	
Teaching Evaluation	4.2/5.0
American Government (POLS 2305-15)	Fall 2016
Online Course	
Department of Political Science, Sam Houston State University.	
Teaching Evaluation:	4.6/5.0
American Government (POLS 2305-16)	Fall 2016
Online Course	
Department of Political Science, Sam Houston State University.	
Teaching Evaluation:	4.6/5.0
Public Administration in Society (PAD 3003)	Fall 2013
Classroom Course	
Askew School of Public Administration and Policy, Florida State University.	
Psychology in Organizations	Fall 2009
Classroom Course	
Division of Public Administration, Chungju National University, Chungju, Korea.	
Organizational Structures and Behaviors	Fall 2009
Classroom Course	
Division of Public Administration, Chungju National University, Chungju, Korea.	

Guest Lecturer

Semantic Network Analysis May 31st 2017
RCN/SRN Workshop, Policy Actors and Governance for Healthy Sustainable Cities:
Theories and Analysis
Florida State University, Tallahassee, May 30 – 31, 2017

Seminar on Dynamic Network Analysis July 19th & 21st 2016
Workshop for Research Methodology
Local Governance Research Laboratory, Florida State University

Futures Studies (PAD 3013) Summer 2016
Course Mentor for managing and grading discussion board
Askew School of Public Administration and Policy, Florida State University

“Designed Networks vs. Self-Organizing Networks” Feb. 1st 2016
Doctoral Seminar on Institutions and Society (PAD 6109)
Askew School of Public Administration and Policy, Florida State University

“From Texts to Semantic Networks, and to Social Networks” Feb. 20th 2015
Workshop for Research Methodology
Local Governance Research Laboratory, Florida State University

“Introduction to Social Network Analysis” Oct. 13th 2013
Professional Development (PAD 6930)
Askew School of Public Administration and Policy, Florida State University

CONFERENCE PAPERS

“Policy Demands and Collaboration in Regional Disaster Management: A Case of the Gulf Coast Area” with Jason Enia, *Paper presented at 2018 Southern Political Science Association Meeting*, New Orleans, LA, January 4 – 8, 2018.

“Economic Development and Interlocal Collaboration in Rural Metropolitan Areas: Exponential Random Graph Model on Collaborative Mechanisms in West Texas” with Sung-Wook Kwon, *Paper presented at 2018 Southern Political Science Association Meeting*, New Orleans, LA, January 4 – 8, 2018.

“Boundaries of A Network or A Boundary of Networks? Dynamic Network Approach to Issue-Specific Latent Networks and Actual Networks of Regional Collaboration” *Paper presented at the 10th Annual Political Network Conference*, Columbus, Ohio, June 14 – 17, 2017.

“Political Recruitment of Professionals and Its Impact on Ideological Polarization of the Congressional Parties: Separable Temporal Exponential Random Graph Models (STERGMs) on the Latent Networks of Bill Co-Sponsorship in the 18th Korean

- Congress” *Poster presented at the 10th Annual Political Network Conference, Columbus, Ohio, June 14 – 17, 2017.*
- “Coherence in Sub-Networks for Organizational Culture and Its Impact on Acceptance of Policy Innovation” *Paper presented at the 10th Annual Political Network Conference, Columbus, Ohio, June 14 – 17, 2017.*
- “Convergence & Divergence in Renewable Energy Frames across the U.S. States” *Paper presented at the Annual Conference of American Society for Public Administration, Atlanta, Georgia, March 17 – 21, 2017.*
- “Ways to Filter Out or Ways to Build Trust? Separable Temporal Exponential Random Graph Models (STERGM) on the Influences of Informal Networks on Formal Networks in Economic Development Policy” *Paper presented at 2017 Southern Political Science Association Meeting, New Orleans, Louisiana, January 12 – 14, 2017.*
- “Selective vs. Collective Outcomes of Governance Changes in Green Economic Development: The Impacts of the EECBG on Green Job Creation at Municipal and Regional Level” *Paper presented at the 38th Annual Conference of Association for Public Policy Analysis and Management, Washington DC, November 3 – 5, 2016.*
- “Does the Structure of Collaboration Matter? The Impact of Federal Stimulus Programs on Policy Outcomes” *Paper presented at the Deli Wright Symposium: Local Governance and Intergovernmental Management Research at Annual Conference of American Society for Public Administration, Seattle, Washington, March 18 – 22, 2016.*
- “Is the Text-based Network Method an Alternative to the Survey Method?” *Paper presented at the 8th Annual Political Networks Conference, Portland, Oregon, June 17 – 20, 2015.*
- “Does the Structure of Collaboration Matter? The Impact of Federal Stimuli Programs on Policy Outcomes in Metropolitan Green Governance” *Paper presented at the Midwest Political Science Association Conference, Chicago, Illinois, April 16 – 19, 2015.*
- “Impacts of Federal Stimulus Funding on Economic Development Policy Networks among Local Governments” *Paper presented at the Midwest Political Science Association Conference, Chicago, Illinois, April 3 – 6, 2014.*
- “Impacts of Federal Stimulus Funding on Economic Development Policy Networks among Local Governments” *Poster presented at the 6th Political Networks Conference, Bloomington, Indiana, June 26 – 29, 2013.*

AWARDS AND HONORS

Conference Travel Grant (\$900)	2013, 2015 & 2017
Political Networks (PolNet) Workshop and Conference	
The National Science Foundation Fellowship	

The Artinian Travel Award (\$500) Southern Political Science Association	2017
Professional Development Grant (\$3,000) Jerry Collins Research Scholarship College of Social Science and Public Policy, Florida State University	2016
Best Paper for Asian Junior Scholar Award (\$300) American Society for Public Administration	2012 & 2016
Research Grant (\$4,000) Jerry Collins Research Scholarship for Collaborative Research College of Social Science and Public Policy, Florida State University	2015
Graduate Assistantship Florida State University	2013 – 2016
Professional Development Grant (\$300) Local Governance Laboratory Florida State University	2013 & 2014
Brain Korea 21 Scholarship (\$20,000) National Research Foundation of Korea	2006 – 2009
Graduate Assistantship Korea University, Seoul, Korea	2001 – 2007

RELEVANT TRAINING IN RESEARCH METHODS

Latent Spatial Network Analysis 10 th Annual Political Network (PolNet) Workshop and Conference Columbus, OH, Jun. 14-15.	2017
Dynamic Network Analysis and Computational Organization Theory Certificated by 2016 CASOS Summer Institute at Carnegie Mellon University, Pittsburgh, PA, Jun. 13-18.	2016
Advanced Time-Series Network Analytic Techniques 8 th Annual Political Network (PolNet) Workshop and Conference Portland, OR, Jun. 17-18.	2015
Semantic Network Analysis 2014 International Network for Social Network Analysis (INSNA) St. Pete Beach, FL, Feb. 18-20.	2014
Network Analytic Techniques and Visualization	2013

6th Annual PolNet Workshop and Conference
Bloomington, IN, Jun. 26 – 29.

OTHER RESEARCH EXPERIENCE

- Building Sustainable and Resilient Community in Gulf Coast Areas 2016 – Present
Fund: \$2,500 (funded by Sam Houston State University)
P.I.: Dr. Chang-Gyu Kwak
Role: Coordinating projects and applying dynamic network analysis
- Interlocal Cooperation and Economic Development in Rural Texas Areas Present
(Funded by Texas Tech University)
P.I.: Dr. Sungwook Kwon at Texas Tech University
Role: Co-P.I. applying dynamic network analysis
- Connecting the Smart-City Paradigm with a Sustainable Urban Infrastructure Systems
Framework to advance Equity in Communities Present
(Funded by NSF)
P.I.: Dr. Shashi Shekhar at University of Minnesota-Twin Cities
Role: Research Fellow conducting semantic network analysis
- Regional Governance for Sustainable Transportation 2015 – Present
(Awaiting NSF Grant Proposal)
P.I.: Dr. Megan Mullin at Duke University and Dr. Richard Feiock at FSU
Role: Research Assistant in analyzing governance structure through network analysis
- A longitudinal study of employment effects of 1988 Florida Solid Waste Management Act
(Funded by the Hinkley Center, FL) 2012 – 2014
P.I.: Dr. Richard Feiock at FSU
Role: Research Assistant in data collection and panel analysis
- Analyzing and Building Database of Worldwide R&D Activities 2008
(Funded by Korea Industrial Technology Foundation)
P.I.: Dr. Kyun Kim at Korea University
Role: Researcher in case study in England and development of innovation index
- A Study on Efficiency in Economic Development Cooperation Fund (EDCF) 2006
(Funded by Korea Export-Import Bank)
P.I.: Dr. Eung Sun Kang and Dr. Manwoo Lee at Korea University
Role: Researcher in comparative study on EDCF in Western countries
- Professional Mobility of Researchers in Korean Government-Funded Research Institutes
(Conducted by Science & Technology Policy Institute, STEPI) 2004
P.I.: Dr. Karpsoo Kim at STEPI
Role: Research Assistant in data collection and descriptive analysis

Technology Foresight in Korea 2004
(Conducted by Korea Institute of S&T Evaluation and Planning, KISTEP)
P.I.: Dr. Byungwon Park at KISTEP
Role: Research Assistant in Delphi survey

PROFESSIONAL MEMBERSHIPS

American Society for Public Administration (ASPA) 2012 – Present
Association for Public Policy Analysis and Management (APPAM) 2009 – Present
Midwest Political Science Association (MPSA) 2014 – Present
Alumni, Network of European and US Regional and Urban Studies (NEURUS) 2008 – Present
Southern Political Science Association (SPSA) 2015 – Present

SERVICES

Advisory Committee Member 2017 – present
Science and Technology Policy Institute, Sejong, Korea

Committee Member 2015 – 2016
Membership Committee
ASPA Section on Intergovernmental Administration and Management

Webmaster 2013 - 2014
Local Governance Research Laboratory at Florida State University

President 2011 – 2012
Association of Korean Graduate Students at Askew School, Tallahassee, FL.

Director 2004 – 2012
Publication Team
World Future Society Korea/ Millennium Project Korea (NGO), Seoul, Korea.