

## MINYOUNG KU

John Jay College of Criminal Justice  
City University of New York  
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### EDUCATION

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UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK, Rockefeller College  
of Public Affairs and Policy, Albany, NY

**Ph.D. in Public Administration and Policy.** December, 2015

Dissertation: *Social Networks and Human Agency in Knowledge Sharing and  
Creation: Lessons from a Public Research University* [Distinguished Dissertation  
Award recipient]

Committee: R. Karl Rethemeyer (Chair), Mitchel Y. Abolafia, Sharon S. Dawes

SUNGKYUNKWAN UNIVERSITY, Seoul, South Korea

**Master of Public Administration.** 2006

**Bachelor of Public Administration.** 2003

### ACADEMIC APPOINTMENTS

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CITY UNIVERSITY OF NEW YORK

John Jay College of Criminal Justice, New York, NY

Assistant Professor, Department of Public Management. August 2017 – present

UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK, Albany, NY

Center for Technology in Government

Research Fellow. September 2016 – present

Postdoctoral Associate. December 2015 – August 2016

Research Assistant. September 2015 – December 2015

Center for Policy Research

Research Associate. August 2016 – August 2017

Rockefeller College of Public Affairs and Policy

Instructor. January 2013 – May 2016

### RESEARCH & TEACHING INTERESTS

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**Research Interests:** Public Management; Data, Information & Knowledge Management and  
Policy; Network Governance; Emergency Management; Local Government; Social Network  
Analysis

**Teaching Interests:** Public Administration; Organizational Theory and Behavior;  
Information Management and Applications in the Public and Nonprofit Sectors; e-  
Government; Local Government; Social Network Analysis

### PUBLICATIONS & WORKING PAPERS

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**Peer-Reviewed Journal Articles**

- “Interorganizational Coordination and Collaboration during the 2015 MERS-CoV Response in South Korea,” Accepted to *Disaster Medicine and Public Health Preparedness* (with Kim, Y., Oh, S.S., & Choi, J.H.)
- Kim, Y., **Ku, M.**, & Oh, S.S. (2019). Public Health Emergency Response Coordination: Put the Plan into Practice, *Journal of Risk Research*, (available online)  
<https://doi.org/10.1080/13669877.2019.1628092>
- Kim, Y., Kim, J., Oh, S.S., Kim, S.W., **Ku, M.**, & Cha, J. (2019). Community Analysis of a Crisis Response Network, *Social Science Computer Review*, (available online)  
<https://doi.org/10.1177/0894439319858679>
- Ku, M.** (2019). Similarity-Dissimilarity and Social Capital in Research Knowledge Networks: Explaining Knowledge Sharing in Academic Institutions, *Knowledge Management Research & Practice*, 17(3), 264–275.  
<https://doi.org/10.1080/14778238.2019.1595986>
- Ku, M.**, Gil-Garcia, J. R., & Zhang, J. (2016). The Emergence and Evolution of Cross-Boundary Research Collaborations: An Explanatory Study of Social Dynamics in a Digital Government Working Group, *Government Information Quarterly*, 33(4), 796–806. <https://doi.org/10.1016/j.giq.2016.07.005>
- Ku, M.**, Deegan, M., MacDonald, R., Andersen, D. L., & Andersen, D. F. (2016) Teaching and Learning about Complexity in Public Policy Decision Making: Using a Simulation-Based Learning Environment in the MPA Classroom, *Journal of Public Affairs Education*, 22(1), 49–66 [The 2016 JPAE Outstanding Article Award recipient]  
[http://www.naspa.org/JPAEMessenger/Article/VOL22-1/06\\_Ku\\_MacDonald\\_Andersen\\_Andersen\\_Deeganl.pdf](http://www.naspa.org/JPAEMessenger/Article/VOL22-1/06_Ku_MacDonald_Andersen_Andersen_Deeganl.pdf)
- Deegan, M., Stave, K., MacDonald, R., Andersen, D., **Ku, M.**, & Rich, E. (2014). Simulation-Based Learning Environments to Teach Complexity: The Missing Link in Teaching Sustainable Public Management, *Systems*, 2(2), 217–236  
<http://www.mdpi.com/2079-8954/2/2/217/htm>

### Peer-Reviewed Proceedings

- Kim, Y., Kim, J., Oh, S. S., Kim, S. W., & **Ku, M.** (2019). “Subgroup Analysis of an Epidemic Response Network of Organizations: the 2015 MERS Outbreak in Korea” presented at the 20<sup>th</sup> International Digital Government Research Conference.  
<https://dl.acm.org/doi/abs/10.1145/3325112.3325260>
- Ku, M.** & Gil-Garcia, J. R. (2018). “Ready for Data Analytics? Data Collection and Creation in Local Governments” presented at the 19<sup>th</sup> International Digital Government Research Conference. <https://dl.acm.org/citation.cfm?id=3209381>
- Zhao, X., Chen, Y., **Ku, M.**, Rich, E., Deegan, M., & Luna-Reyes, L. F. (2016). “Group Decision Support Systems for Emergency Management and Resilience: CoastalProtectionSIM” presented at the 50<sup>th</sup> Hawaiian International Conference on System Sciences.  
<https://scholarspace.manoa.hawaii.edu/bitstream/10125/41457/1/paper0308.pdf>
- Ku, M.**, Gil-Garcia, J. R., & Zhang, J. (2015) “The Formation and Evolution of Cross-Boundary Digital Government Knowledge Networks: A Mixed Method Case Study” presented at the 16<sup>th</sup> International Digital Government Research Conference  
<https://dl.acm.org/citation.cfm?id=2757435>

## Research Report

**Ku, M.** (2018). *[IT & Future Strategy] Analysis of Four Public Policies Key to the Growth of Data-Driven Business*. (2017.12.28) (in Korean) National Information Society Agency, South Korea  
[https://www.nia.or.kr/site/nia\\_kor/ex/bbs/View.do?cbIdx=25932&bcIdx=19415](https://www.nia.or.kr/site/nia_kor/ex/bbs/View.do?cbIdx=25932&bcIdx=19415)

## Paper under Review

**Ku, M.** “Crisis Response Networks in the Shadow of Bureaucracy: Old Lessons for New Challenges”

## SELECTED CONFERENCE PARTICIPATION

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### *Conference Presentations*

- Ku, M.** (2020). “Why Flexible and Adaptable Networks Are Hard to Emerge During Disasters and Crises: An Institutional Perspective,” Paper presented at the American Society for Public Administration’s 81<sup>st</sup> Annual Conference (April 3–7), Anaheim, California
- Ku, M.** (2019). “Towards an Understanding of Hybrid Governance: Tensions between Hierarchy and Network in Crisis Response Networks,” Paper presented at the 41<sup>th</sup> Association for Public Policy Analysis and Management Conference (November 7–9), Denver, Colorado
- Kim, Y., Kim, J., Oh, S. S., Kim, S. W., & **Ku, M.** (2019). “Subgroup Analysis of an Epidemic Response Network of Organizations: the 2015 MERS Outbreak in Korea,” Paper presented at the 20<sup>th</sup> International Digital Government Research Conference (June 18–20), Dubai, UAE
- Kim, Y., **Ku, M.** & Oh, S. S. (2018). “Public Health Emergency Response Coordination: Put the Plan into Practice,” Paper presented at the 40<sup>th</sup> Association for Public Policy Analysis and Management Conference (November 8–10), Washington, DC
- Ku, M.** & Gil-Garcia, J. R. (2018). “Ready for Data Analytics? Data Collection and Creation in Local Governments,” Paper presented at the 19<sup>th</sup> International Digital Government Research Conference (May 30–June 1), Delft, the Netherlands
- Kim, Y., **Ku, M.** & Oh, S. S. (2018). “Plan Enactment in Emergency Response Operations,” Paper presented at the American Society for Public Administration’s 79<sup>th</sup> Annual Conference (March 9–13), Denver, Colorado
- Zhao, X., Chen, Y., **Ku, M.**, Rich, E., Deegan, M., & Luna-Reyes, L. F. (2016). “Group Decision Support Systems for Emergency Management and Resilience: CoastalProtectionSIM,” Paper presented at the 50<sup>th</sup> Hawaiian International Conference on System Sciences (January 4–7), Hawaii
- Ku, M.** & Gil-Garcia, J. R. (2016). “Fighting Urban Blight through Networked Governance: A Cross-Network Approach to Information Sharing,” Paper presented at the American Society for Public Administration’s 77<sup>th</sup> Annual Conference (March 18–22), Seattle, Washington
- Ku, M.** & Gil-Garcia, J. R. (2015). “Challenges for Evidence-Based Decision Making to Combat Urban Blight: Revisiting Local Government Information Management through the Lens of Code Enforcement,” Paper presented at the 37<sup>th</sup> Association for Public

Policy Analysis and Management Conference (November 12–14), Miami, Florida

**Ku, M. & Rethemeyer, R. K.** (2015). “Network Embeddedness and Bounded Rationality in Knowledge Partner Selection in Public Research Institutions,” Paper presented at the 37<sup>th</sup> Association for Public Policy Analysis and Management Conference (November 12–14), Miami, Florida

**Ku, M., Gil-Garcia, J. R., & Zhang, J.** (2015) “The Formation and Evolution of Cross-Boundary Digital Government Knowledge Networks: A Mixed Method Case Study,” Paper presented at the 16<sup>th</sup> International Digital Government Research Conference (May 27–30), Phoenix, Arizona

**Ku, M. & Ku, M.** (2014). “Are We Ready for the Era of Big Data? Issues and Challenges in Big Data Management in the Public Sector,” Paper presented at the 36<sup>th</sup> Association for Public Policy Analysis and Management Conference (April 12), Washington, DC

### ***Moderator and Discussant in Conference Panels***

2020. The American Society for Public Administration’s 81<sup>st</sup> Annual Conference (April 3–7), Anaheim, California

Panel: “Crises and Disaster Management: Global Perspectives” (Moderator)

2019. The 41<sup>st</sup> Association for Public Policy Analysis and Management Conference (November 7–9), Denver, Colorado

Panel: “Korean Association for Policy Studies Session” (Discussant)

2019. The 2019 Integrated Korean Public Administration Summer Conference and Annual KAPA International Conference (June 27–29), Busan, South Korea

Panel: “Participation and Performance of Public Administration” (Discussant)

Panel: “Issues on Public Management and Governance” (Discussant)

2018. The 2018 Network of Schools of Public Policy, Affairs, and Administration Annual Conference (October 10–13), Atlanta, Georgia

Panel: “Education through Computer Simulation: What and How to Teach in the Classroom” (Discussant)

## **TEACHING**

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JOHN JAY COLLEGE OF CRIMINAL JUSTICE, CITY UNIVERSITY OF NEW YORK,  
August, 2017 – present

PAD 121/241 Information in Public Administration (Undergraduate, in-person)

PAD 705 Organization Theory and Management (Graduate, in-person and online)

### **Lead faculty:**

PAD 121 Information in Public Administration (Undergraduate)

PAD 705 Organization Theory and Management (Graduate)

PAD 712 Management Systems and Techniques in the Public Sector (Graduate)

PAD 714 Organizational Performance Assessment (Graduate)

UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK

Rockefeller College of Public Affairs and Policy, January 2013 – May 2016

PAD 550 Foundations of Government Information Strategy and Management (Graduate, in-person)

PAD 504 Data, Models and Decisions I (Graduate, in-person)  
PAD 305 Public Administration and Information Technologies (Undergraduate, in-person)

## **UNIVERSITY SERVICES**

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JOHN JAY COLLEGE OF CRIMINAL JUSTICE, CITY UNIVERSITY OF NEW YORK  
Member, Grade Appeals Committee, Department of Public Management, August 2018 – present

UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK  
Member, Fulbright Campus Committee, 2014 – 2015

## **INVITED TALKS**

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“Data-Driven Government: Promises and Challenges”, Global MPA Special Lecture, Seoul National University, Seoul, South Korea, July 2, 2019

“New Technology and New Data: Promises and Challenges of Evidence-Based Policy Making,” the Korean Association for Policy Studies’ International Conference, Seoul, South Korea, June 21, 2019

“Social Network Analysis in Public Administration: Present and Future Applications,” the Public Policy Research Conference co-hosted by the Korea Institute of Public Affairs, Seoul National University, Information Systems and Informatics and iSecure Lab, and College of Staten Island-CUNY, New York, New York, October 5, 2018

“Hierarchy or Network? Interorganizational Coordination in Extreme Events: The Case of MERS in South Korea,” the Korean Association for Organizational Studies’ Emerging Scholars Forum, Seoul, South Korea, May 26, 2017

“A Tool for Better Decision-Making in Government: Simulation-Based Decision Support,” YUPA Colloquium, Yonsei University, Seoul, South Korea, April 28, 2017

“Uncovering the Hidden Mechanisms of Knowledge Sharing and Collaboration: Strategies for Improving IT Research Collaboration,” Seminar for e-Government Researchers, Sungkyunkwan University, Seoul, South Korea, January 4, 2016

## **RESEARCH GRANT**

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City University of New York, Cycle 50, PSC-CUNY Research Award, PI (\$3,499.52), 2019 – 2020

## **AWARDS & HONORS**

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The Journal of Public Affairs Education Outstanding Article Award, the Network of Schools of Public Policy, Affairs, and Administration. 2016

The Distinguished Doctoral Dissertation Award in Public Administration and Policy, Rockefeller College of Public Affairs and Policy, University at Albany – SUNY. 2016

Individual Development Awards Program Grant, New York State/United University Professions Professional Development Committee. 2016

The Excellence in Graduate Student Teaching, Rockefeller College of Public Affairs and Policy, University at Albany – SUNY. 2015

Graduate Student Association Professional Development Grant Award, University at Albany – SUNY. 2013

Graduate Student Employees Union Professional Development Grant Award, University at Albany – SUNY. 2012

Graduate Assistantship, Rockefeller College of Public Affairs and Policy, University at Albany – SUNY. 2010 – 2015

Korean Government Study Abroad Scholarship, the Ministry of Education, Science, and Technology, Seoul, South Korea. 2010 – 2012

## **ACADEMIC/PROFESSIONAL SERVICES & MEMBERSHIPS**

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**Pedagogy Committee**, the Korean Association for Policy Studies. 2020

**Program Committee**, the 21<sup>st</sup> Annual International Conference on Digital Government Research. 2020

**2019 Class of NASPAA NEXT**. (an invited group of junior scholars who will lead the future of public administration and policy education)

**Internationalization Committee**, the Korean Association for Policy Studies. 2019

**Editorial Advisory Board** for Global Encyclopedia of Public Administration, Public Policy, and Governance (Section on Korean Public Administration). 2019

**Site Judge** at the U.S. Northeastern Site, NASPAA-Batten Student Simulation Competition. 2018

**Program Committee**, the 17<sup>th</sup> Annual International Conference on Digital Government Research. 2016

**Best Documented Learning Awards Selection Committee**, the Network of Schools of Public Policy, Affairs, and Administration (NASPAA)'s Student Simulation Competition. 2015

Reviewer, Global Encyclopedia of Public Administration, Public Policy, and Governance

Ad-hoc Reviewer, Journal of Public Administration Research and Theory

Ad-hoc Reviewer, Journal of Public Affairs Education

Ad-hoc Reviewer, Government Information Quarterly

Ad-hoc Reviewer, International Review of Public Administration

Member, Network of Schools of Public Policy, Affairs, and Administration

Member, Association for Public Policy Analysis and Management

Member, American Society for Public Administration

Member, New York City Geospatial Information Systems and Mapping Organization

Member, New York State Geospatial Information Systems Association

Member, Korean Association for Policy Studies

## **RESEARCH SKILLS**

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STATA and SPSS

RSiena, PNET series, UCINET, NetDraw, and Pajek for social network analysis

ArcGIS for mapping and spatial reasoning  
VENSIM for system dynamics modeling  
LISREL for structural equation modeling  
EXCEL and ACCESS Software for data analysis and database management  
Python/R Programming Language

## **LANGUAGE SKILLS**

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English: Fluent, Korean: Native