

# Young Joon OH

## PERSONAL DATA

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ADDRESS: 22 Broadway Village Dr., Columbia, MO, 65201  
HOMEPAGE: <https://youngjoon5.github.io/>  
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MODELS: YouTube Channel : <https://www.youtube.com/user/yjoon5>

## EDUCATION

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AUGUST 2015 Ph.D in PUBLIC POLICY AND POLITICAL ECONOMY  
**University of Texas at Dallas**  
Dissertation: "Agent-Based Network Modeling for the 2008 Financial Crisis and the Sluggish Recovery" Advisor: Dr. Euel Elliott

FEBRUARY 2001 M.A. in POLITICAL SCIENCE  
**Seoul National University**, Seoul, Korea  
Thesis : "Spatial Voting Models and their Applicability to Korean Election"  
Advisor: Dr. Suik Hwang

FEBRUARY 1998 B.A. in POLITICAL SCIENCE AND DIPLOMACY Minor : ECONOMICS  
**Chung-Ang University**, Seoul, Korea

## POSITIONS

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2015 – 2016 **Postdoctoral Research Associate**  
*the Julie Ann Wrigley Global Institute of Sustainability*  
*at the Arizona State University*  
RIPS Project(Resilient interdependent Infrastructure processes and Systems)

2010 – 2015 **Teaching Assistant**  
*University of Texas at Dallas*

2008–2009 **Legislative Aide**  
*Assemblyman Park, Jong Hee*  
Committee on the National Policy

2002–2008 **Legislative Aide**  
*Assemblyman and Chairman of the committee on C.I.E. Maeng, Hyung-Kyu*  
Committee on the National Defence  
Committee on the Environment and Labor  
Committee on the Commerce, Industry and Energy  
Committee on the Foreign Affairs, Trade and Unification

2007 **Member of the Planning and Strategy Section**  
*Candidate Lee, Myung-Bak, Presidential Election Campaign*

2006 **Member of Message Making Team**  
*Candidate Oh, Se-Hoon, Seoul Mayoral Election Campaign*

2004 **Legislative aide**  
*Candidate Maeng, Hyung-Kyu, General Election Campaign*

2000 **Teaching Assistant**  
*Seoul National University*

## WORK IN PROGRESS

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**Research Interests:** Resilience, Diffusion, Contagion, Risk, Vulnerability, Governance, Innovation, Network, Agent-based model, and Complex Adaptive Systems

- (Working) Conceptual modeling for vulnerable infrastructure systems in the framework of social ecological systems
- (Working) Simulating link and node dynamics as a source of Innovation Network Sustainability – Agent-based simulation approach
- (Working) Evolutionary Prisoner's Dilemma Game for the Sluggish Recovery after the 2008 financial crisis
- (Working) Hidden Spread of Risk in Interdependent Complex Networks

## TEACHING EXPERIENCE

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- 2016 **Project Manager**, CEE 598, Resilient Infrastructure, ARIZONA STATE UNIVERSITY
- 2015 **Instructor**, EPPS 2302, Methods of Quantitative Analysis in the Social and Policy Sciences, UNIVERSITY OF TEXAS AT DALLAS

## PRESENTATIONS, ADDITIONAL TRAINING, ETC.

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- 2016 INTERNATIONAL SYMPOSIUM ON SUSTAINABLE SYSTEMS AND TECHNOLOGY with Travel Awards (\$ 900)
- 2015 THE MPSA ANNUAL CONFERENCE with PPPE Travel Grant (\$ 400)
- 2014 WINTER SIMULATION CONFERENCE - PHD COLLOQUIUM with ACM SIGSIM Travel Awards (\$ 1,000)
- 2014 THE APPAM 2014 FALL RESEARCH CONFERENCE with PPPE Travel Grant (\$ 700)
- 2014 6TH ANNUAL COMPLEXITY IN BUSINESS CONFERENCE
- 2014 THE GOLDRAIN WORKSHOP 2014 (by Dr. Dirk Helbing) :  
Understanding and mastering complex systems in times of digital revolution
- 2013 WORKSHOP ON THE ECONOMIC SCIENCE WITH HETEROGENEOUS INTERACTING AGENTS PHD SCHOOL  
Agent-based Modeling and Policy Design for Financial Crises
- 2011 SCHOLARSHIP RECIPIENT  
*UTD Korean Student Association*
- 1999 ACADEMIC SCHOLARSHIP RECIPIENT  
*Seoul National University*

## COMPUTER SKILLS

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Advanced Knowledge: NETLOGO, R, STATA, LATEX, GEPHI  
Intermediate Knowledge : PYTHON  
Basic Knowledge : JAVA, C++

## LANGUAGES

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KOREAN: Mothertongue  
ENGLISH: Fluent

## REFERENCES

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- Dr. Euel Elliott      University of Texas at Dallas  
800 W. Campbell Rd, MS GR31  
Richardson, Texas 75080-3021  
[eelliott@utdallas.edu](mailto:eelliott@utdallas.edu), (972) 883-2066
- Dr. L. Douglas Kiel      University of Texas at Dallas  
800 W. Campbell Rd, MS GR31  
Richardson, Texas 75080-3021  
[dkiel@utdallas.edu](mailto:dkiel@utdallas.edu), (972) 883-2019
- Dr. Maximilian Schich      University of Texas at Dallas, Arts and Technology Program  
800 West Campbell Rd., ATC 3.301  
Richardson, Texas 75080-3021  
[maximilian.schich@utdallas.edu](mailto:maximilian.schich@utdallas.edu), (972) 883-4334
- Dr. Clint Peinhardt      University of Texas at Dallas  
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