

Young Joon OH

PERSONAL DATA

ADDRESS: 5722 Spring Meadow Dr. Roanoke, VA
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EDUCATION

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

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

Research Interests: Complex adaptive systems, Computational social science, Network, Agent-based modeling, Statistical modeling, Diffusion, Contagion, Risk, Vulnerability, Governance, and Innovation

- (Working) Exponential random graph modeling(ERGM) Innovation Networks
- (Working) Conceptual modeling for vulnerable infrastructure systems in the framework of social ecological systems
- (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

- 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.

- 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

Advanced Knowledge: NETLOGO, R, STATA, LATEX, GEPHI
Intermediate Knowledge : PYTHON

LANGUAGES

KOREAN: Mothertongue
ENGLISH: Fluent

REFERENCES

- Dr. Euel Elliott University of Texas at Dallas
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- Dr. L. Douglas Kiel University of Texas at Dallas
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- Dr. Maximilian Schich University of Texas at Dallas, Arts and Technology Program
800 West Campbell Rd., ATC 3.301
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- Dr. Clint Peinhardt University of Texas at Dallas
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